

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077625.D
 Acq On : 09 May 2023 11:22
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: May 09 13:27:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:25:20 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.231	168	581119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1043619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	926848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	361784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	68165	9.249	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.500%#		
35) Dibromofluoromethane	8.172	113	62923	9.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.340%#		
50) Toluene-d8	10.572	98	227697	9.240	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.480%#		
62) 4-Bromofluorobenzene	12.854	95	73201	8.783	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	17.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	64189	9.882	ug/l	92
3) Chloromethane	2.372	50	56183	9.811	ug/l	90
4) Vinyl Chloride	2.525	62	72882	9.405	ug/l	92
5) Bromomethane	2.978	94	58513	9.511	ug/l	94
6) Chloroethane	3.137	64	50502	9.399	ug/l	99
7) Trichlorofluoromethane	3.507	101	128477	10.577	ug/l	98
8) Diethyl Ether	3.978	74	35461	9.930	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.378	101	57428	9.462	ug/l	96
10) Methyl Iodide	4.602	142	84689	9.452	ug/l	92
11) Tert butyl alcohol	5.525	59	42703	49.255	ug/l #	92
12) 1,1-Dichloroethene	4.349	96	56824	9.853	ug/l	91
13) Acrolein	4.190	56	40977	48.767	ug/l	99
14) Allyl chloride	5.031	41	54540	9.522	ug/l #	87
15) Acrylonitrile	5.737	53	103469	48.250	ug/l	99
16) Acetone	4.437	43	82303	46.888	ug/l	93
17) Carbon Disulfide	4.725	76	128969	9.299	ug/l #	91
18) Methyl Acetate	5.043	43	63371	9.135	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	177525	9.355	ug/l	92
20) Methylene Chloride	5.290	84	65732	9.063	ug/l	92
21) trans-1,2-Dichloroethene	5.796	96	63465	9.729	ug/l	98
22) Diisopropyl ether	6.684	45	135631	9.591	ug/l #	94
23) Vinyl Acetate	6.613	43	326145	40.418	ug/l	97
24) 1,1-Dichloroethane	6.572	63	101833	9.500	ug/l	98
25) 2-Butanone	7.490	43	123146	48.141	ug/l	98
26) 2,2-Dichloropropane	7.501	77	92853	9.558	ug/l	97
27) cis-1,2-Dichloroethene	7.495	96	71226	8.976	ug/l	97
28) Bromochloromethane	7.819	49	35995	9.203	ug/l	88
29) Tetrahydrofuran	7.842	42	76648	48.779	ug/l	97
30) Chloroform	7.972	83	119513	9.407	ug/l	96
31) Cyclohexane	8.266	56	93052	9.880	ug/l	94
32) 1,1,1-Trichloroethane	8.172	97	111332	9.518	ug/l	94
36) 1,1-Dichloropropene	8.378	75	88091	9.807	ug/l	95
37) Ethyl Acetate	7.566	43	46013	8.959	ug/l	96
38) Carbon Tetrachloride	8.366	117	92979	9.475	ug/l	95
39) Methylcyclohexane	9.601	83	103953	9.323	ug/l	93
40) Benzene	8.607	78	260996	9.605	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 09 13:25:20 2023
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Manual Integrations
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Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	26454	9.427	ug/l	92
42) 1,2-Dichloroethane	8.678	62	87675	9.622	ug/l	100
43) Isopropyl Acetate	8.695	43	87819	9.752	ug/l	98
44) Trichloroethene	9.354	130	66615	9.332	ug/l	91
45) 1,2-Dichloropropane	9.625	63	57299	9.171	ug/l	93
46) Dibromomethane	9.707	93	45865	9.437	ug/l	92
47) Bromodichloromethane	9.889	83	90797	9.565	ug/l	99
48) Methyl methacrylate	9.684	41	40234	9.520	ug/l	98
49) 1,4-Dioxane	9.701	88	23162	184.270	ug/l	97
51) 4-Methyl-2-Pentanone	10.448	43	254448	48.029	ug/l	98
52) Toluene	10.631	92	169497	9.378	ug/l	98
53) t-1,3-Dichloropropene	10.842	75	82114	8.878	ug/l	93
54) cis-1,3-Dichloropropene	10.313	75	95141	9.041	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	65982	9.415	ug/l	96
56) Ethyl methacrylate	10.878	69	83844	9.487	ug/l	90
57) 1,3-Dichloropropane	11.166	76	106250	9.432	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	200486	52.294	ug/l	97
59) 2-Hexanone	11.195	43	178183	47.588	ug/l	98
60) Dibromochloromethane	11.360	129	65061	9.352	ug/l	98
61) 1,2-Dibromoethane	11.472	107	64490	9.360	ug/l	100
64) Tetrachloroethene	11.107	164	54544	9.888	ug/l	96
65) Chlorobenzene	11.895	112	182359	9.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	65696	9.571	ug/l	98
67) Ethyl Benzene	11.966	91	319249	9.545	ug/l	99
68) m/p-Xylenes	12.078	106	251694	19.006	ug/l	99
69) o-Xylene	12.401	106	125632	9.465	ug/l	98
70) Styrene	12.413	104	191117	9.401	ug/l	99
71) Bromoform	12.577	173	38007	9.125	ug/l #	99
73) Isopropylbenzene	12.701	105	319454	9.898	ug/l	100
74) N-amyl acetate	12.501	43	68347	9.596	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	12.936	83	87632	9.877	ug/l	99
76) 1,2,3-Trichloropropane	13.001	75	72545m	10.181	ug/l	
77) Bromobenzene	12.983	156	66856	9.354	ug/l	97
78) n-propylbenzene	13.036	91	333443	9.625	ug/l	97
79) 2-Chlorotoluene	13.130	91	214436	9.718	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	235040	9.519	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.736	75	24537	10.465	ug/l	92
82) 4-Chlorotoluene	13.224	91	197973	9.567	ug/l	98
83) tert-Butylbenzene	13.442	119	227533	9.807	ug/l	97
84) 1,2,4-Trimethylbenzene	13.489	105	212300	9.149	ug/l	99
85) sec-Butylbenzene	13.619	105	297715	9.532	ug/l	99
86) p-Isopropyltoluene	13.736	119	232624	9.525	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	116187	9.352	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	119168	9.649	ug/l	97
89) n-Butylbenzene	14.060	91	163914	8.469	ug/l	98
90) Hexachloroethane	14.336	117	41183	8.793	ug/l	86
91) 1,2-Dichlorobenzene	14.107	146	120960	9.793	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	14287	9.099	ug/l	95
93) 1,2,4-Trichlorobenzene	15.395	180	26356	9.118	ug/l	89
94) Hexachlorobutadiene	15.501	225	23562	8.928	ug/l	96
95) Naphthalene	15.642	128	82511	8.829	ug/l	97
96) 1,2,3-Trichlorobenzene	15.842	180	26443	9.397	ug/l	97

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Manual Integrations
APPROVED

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Quant Time: May 09 13:27:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050923W.M
Quant Title : SW846 8260
QLast Update : Tue May 09 13:25:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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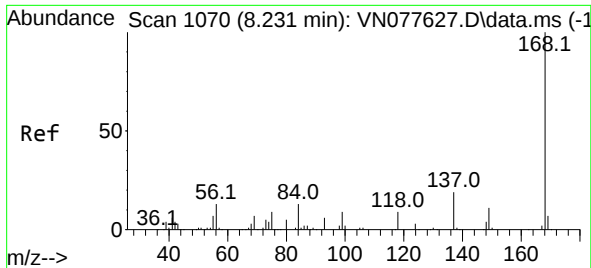
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

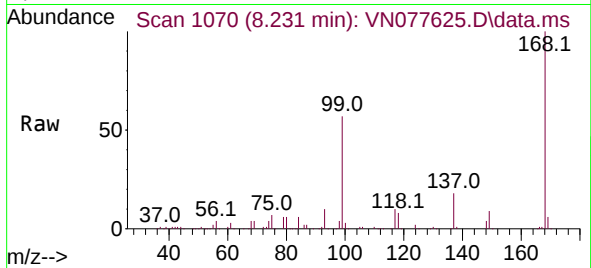
The chromatogram displays a series of peaks over a 16-minute period. The y-axis represents Abundance from 0 to 1,800,000, and the x-axis represents Time in minutes from 2.00 to 16.00. The following table lists the labeled compounds and their approximate retention times:

Compound	Approximate Retention Time (min)
Dichlorodifluoromethane, T	2.2
Chloromethane, P	2.5
Vinyl Chloride, C	2.8
Bromomethane, T	3.2
Chloroethane, T	3.5
Trichlorodifluoromethane, T	3.8
Diethyl Ether, T	4.2
Acrolein, T	4.5
Acetone, T	4.8
Methyl iodide, T	5.0
Carbon Disulfide, T	5.2
Methyl acetate, T	5.5
Methylene Chloride, T	5.8
Tert butyl alcohol, T	6.0
Acrylonitrile, T	6.2
trans-1,2-Dichloroethene, T	6.5
1,1-Dichloroethene, P, T	6.8
Diisopropyl ether, T	7.2
Ethyl Acetate, T	7.5
2,2-Dichloropropane, T	7.8
Methoxybenzene, T	8.0
Chloroform, C	8.2
Cyclohexane, T	8.5
1,3-Dichloropropane, T	8.8
1,2-Dichloroethane, T	9.0
Isopropyl acetate, T	9.2
1,4-Difluorobenzene, I	9.5
Trichloroethene, TM	9.8
Methylcyclohexane, T	10.0
Bromodichloromethane, T	10.2
cis-1,3-Dichloropropene, T	10.5
4-Methyl-2-Pentanone, T	10.8
Toluene, CM	11.0
1,1,1-Trichloroethane, T	11.2
1,1,2-Trichloroethane, T	11.5
1,3-Dichloropropane, T	11.8
Dibromochloromethane, T	12.0
1,2-Dibromoethane, I	12.2
Chlorobenzene, PM	12.5
1,1,1-Trichloroethane, T	12.8
Thip-Xylenes, I	13.0
Styrene, T	13.2
Bromide, T	13.5
trans-1,4-Dichloro-2-butene, T	13.8
1,1,1-Trichloroethane, T	14.0
1,1,2-Trichloroethane, T	14.2
4-Chlorobenzene, T	14.5
tert-Butylbenzene, T	14.8
sec-Butylbenzene, T	15.0
1,4-Dichlorobenzene, T	15.2
1,2-Dibromo-3-Chloropropane, T	15.5
Hexachloroethane, T	15.8
1,2,4-Trichlorobenzene, T	16.0
Hexachlorobutadiene, T	16.2
Naphthalene, I	16.5
1,2,3-Trichlorobenzene, T	16.8



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

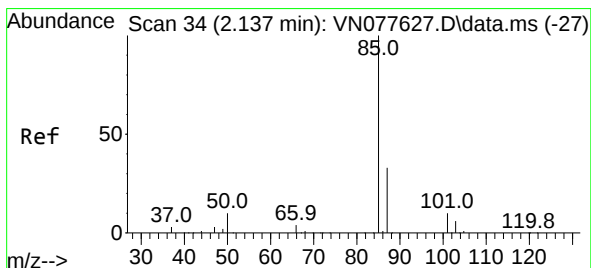
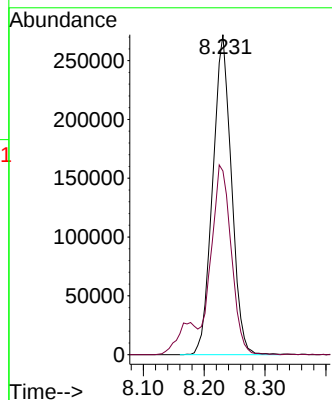
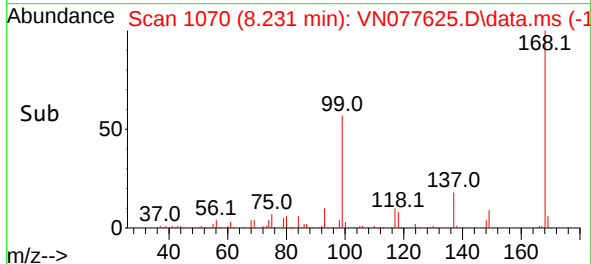
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:168 Resp: 581119
Ion Ratio Lower Upper
168 100
99 57.4 53.0 79.6

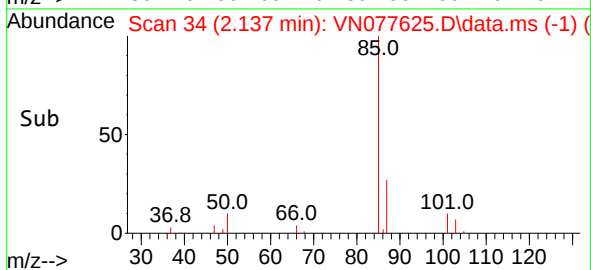
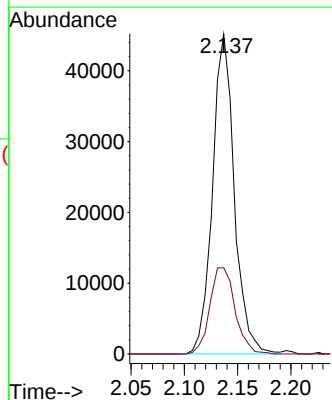
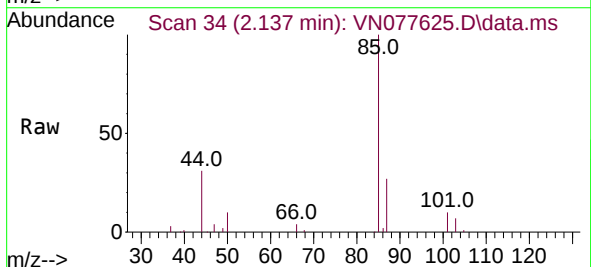
Manual Integrations
APPROVED

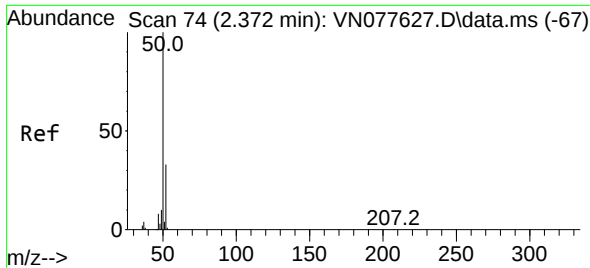
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#2
Dichlorodifluoromethane
Concen: 9.882 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion: 85 Resp: 64189
Ion Ratio Lower Upper
85 100
87 26.9 15.8 47.4





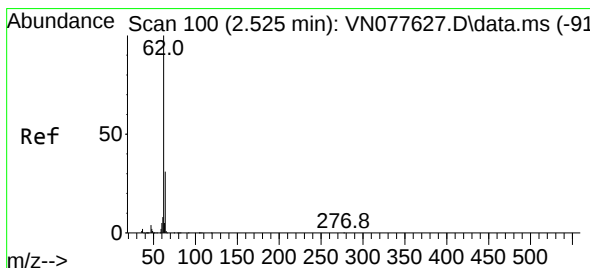
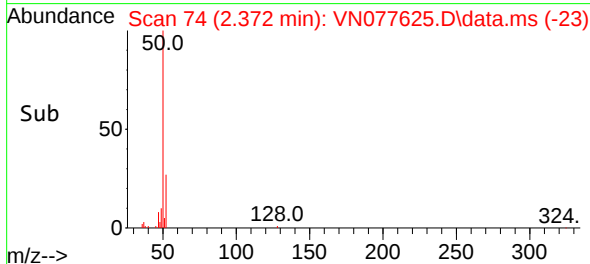
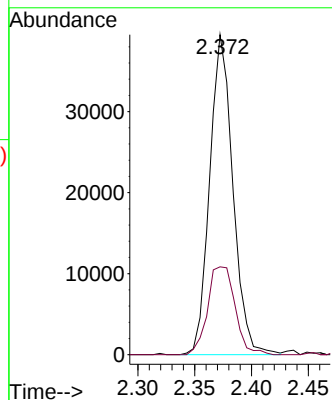
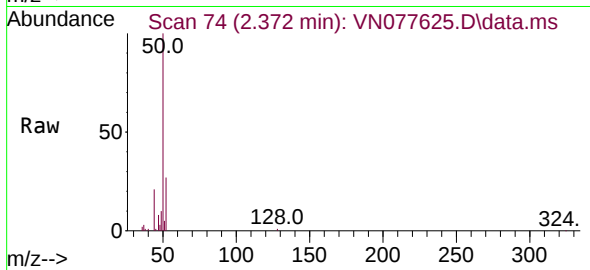
#3
Chloromethane
Concen: 9.811 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 50 Resp: 5618
Ion Ratio Lower Upper
50 100
52 27.5 26.5 39.7

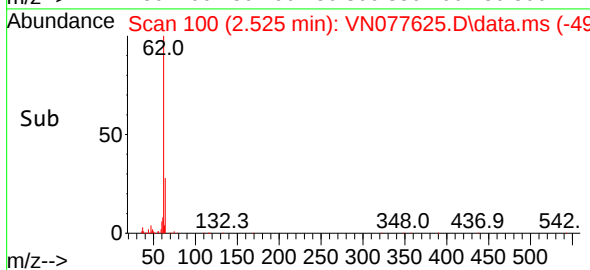
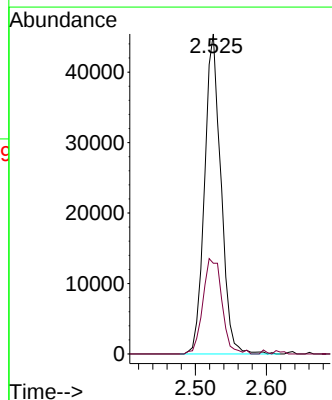
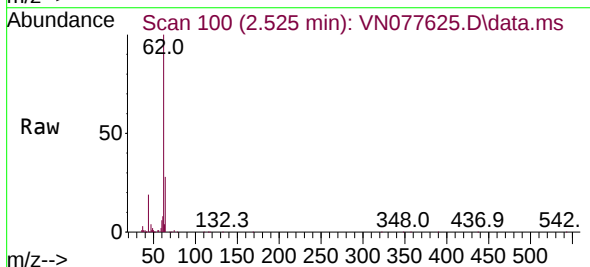
Manual Integrations
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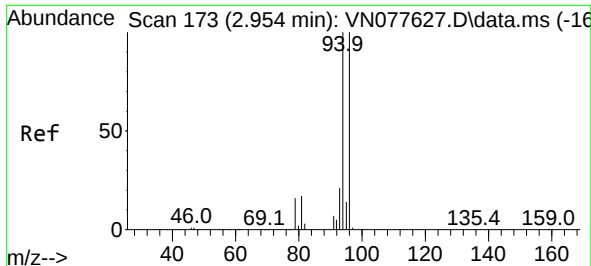
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#4
Vinyl Chloride
Concen: 9.405 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

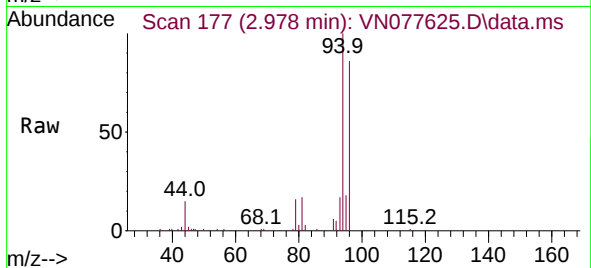
Tgt Ion: 62 Resp: 72882
Ion Ratio Lower Upper
62 100
64 28.4 26.2 39.2





#5
Bromomethane
Concen: 9.511 ug/l
RT: 2.978 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

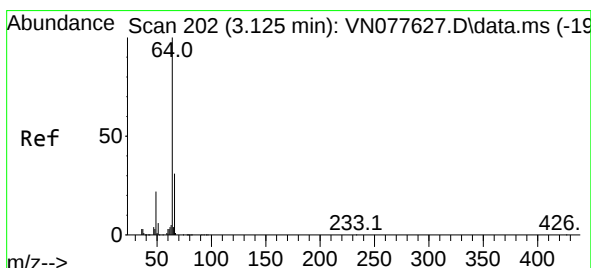
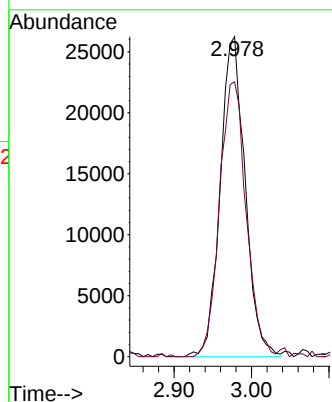
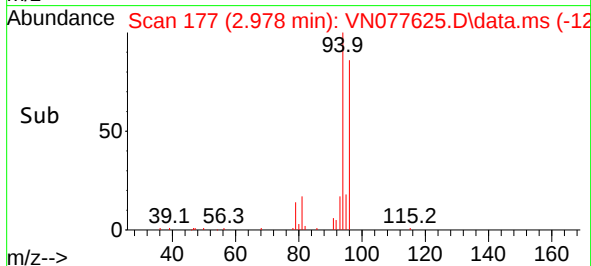
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 94 Resp: 5851
Ion Ratio Lower Upper
94 100
96 85.9 73.1 109.7

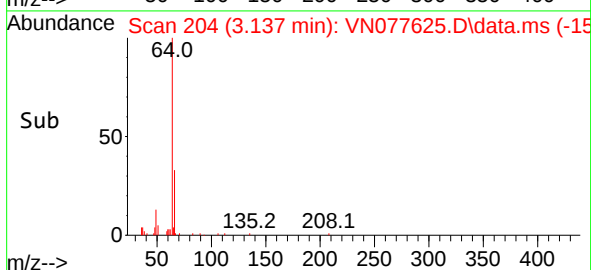
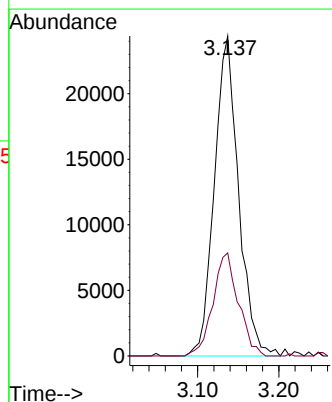
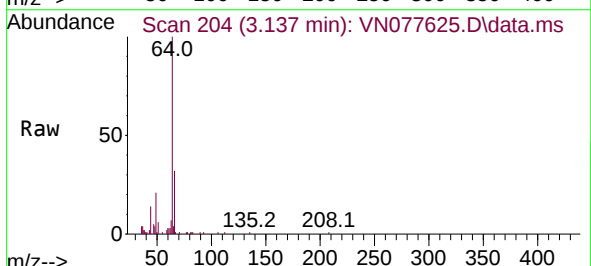
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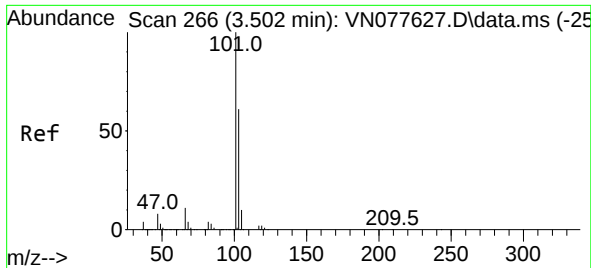
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#6
Chloroethane
Concen: 9.399 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion: 64 Resp: 50502
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.2





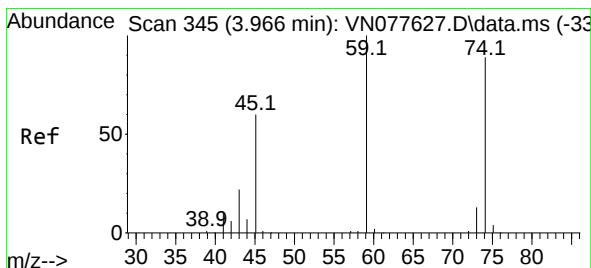
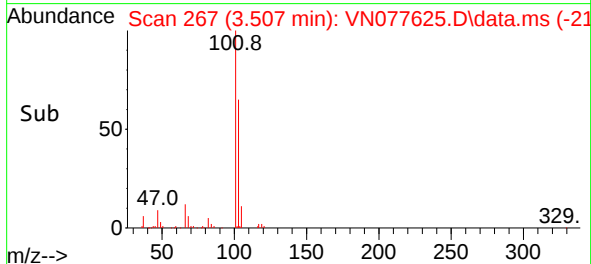
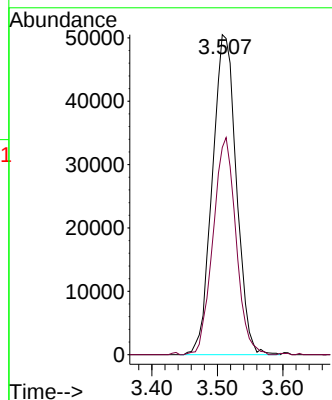
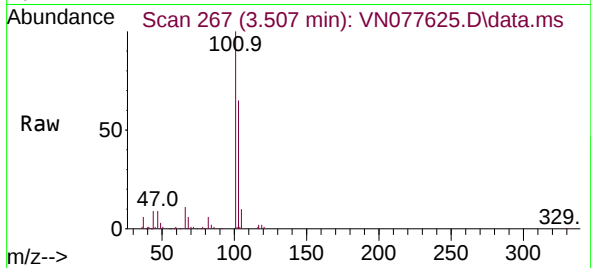
#7
 Trichlorofluoromethane
 Concen: 10.577 ug/l
 RT: 3.507 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN077625.D
 Acq: 09 May 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:101 Resp: 12847
 Ion Ratio Lower Upper
 101 100
 103 64.7 50.7 76.1

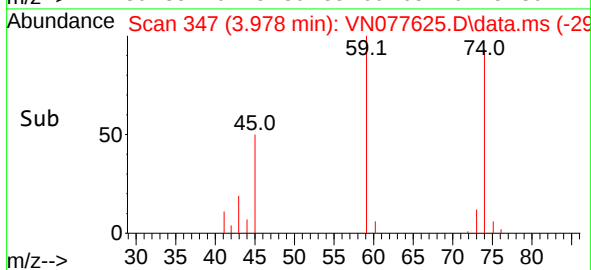
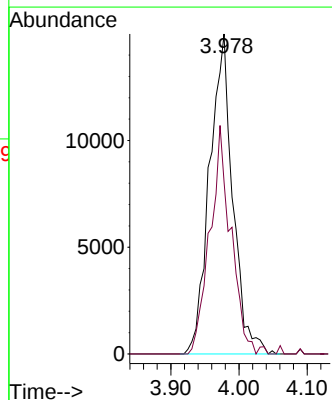
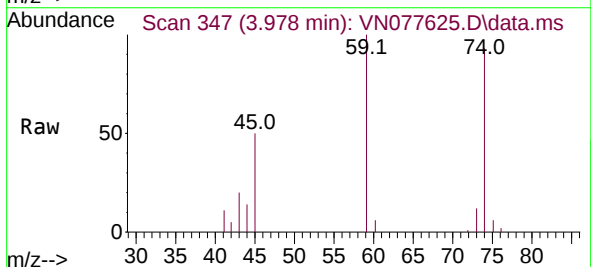
Manual Integrations
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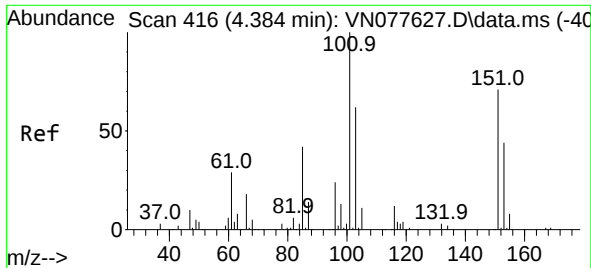
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#8
 Diethyl Ether
 Concen: 9.930 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.012 min
 Lab File: VN077625.D
 Acq: 09 May 2023 11:22

Tgt Ion: 74 Resp: 35461
 Ion Ratio Lower Upper
 74 100
 45 64.3 34.4 103.3





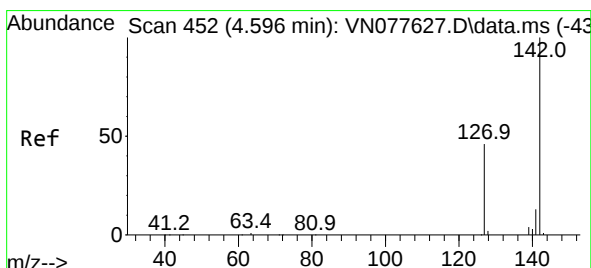
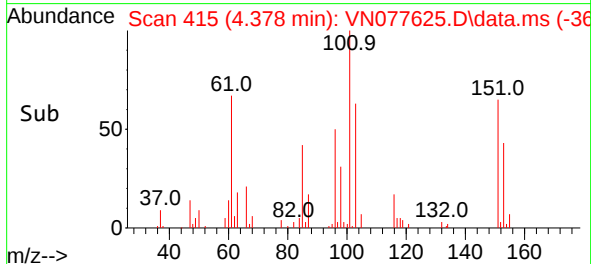
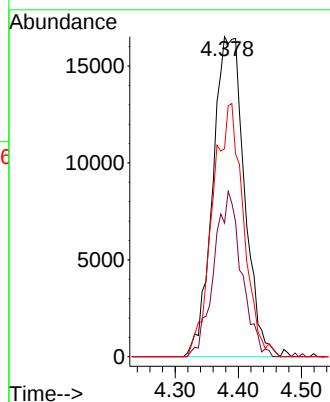
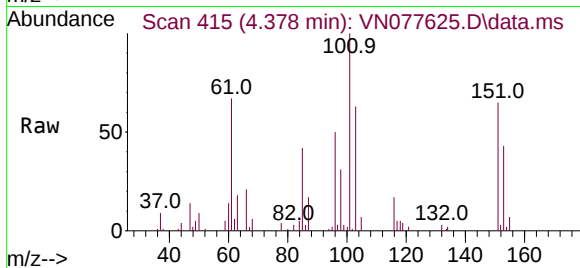
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.462 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 57428
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 77.0 57.6 86.4

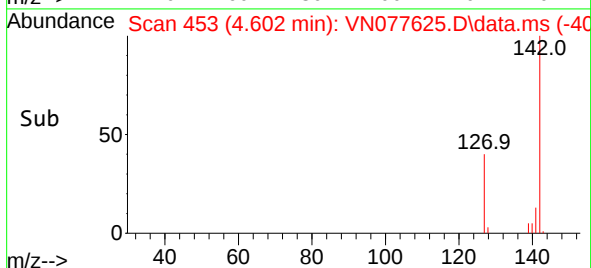
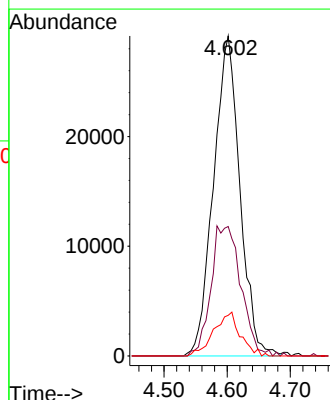
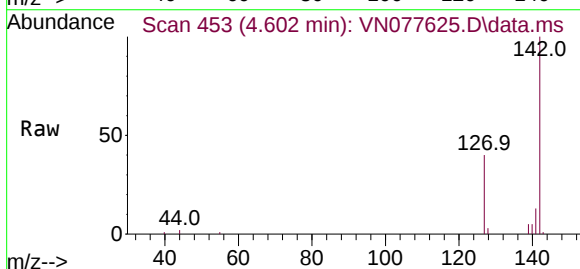
Manual Integrations
APPROVED

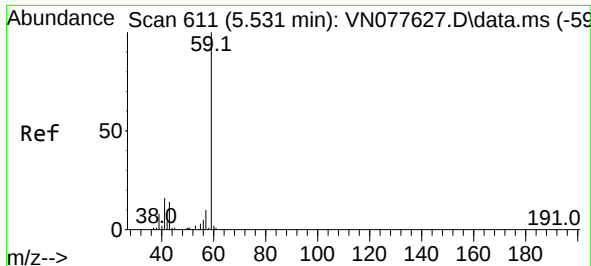
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#10
Methyl Iodide
Concen: 9.452 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

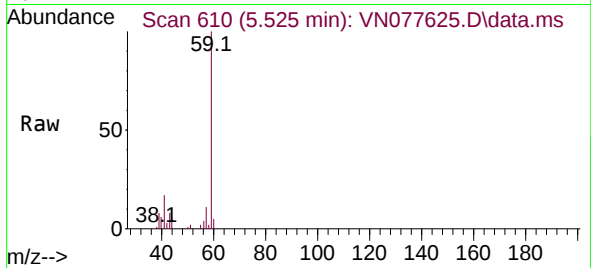
Tgt Ion:142 Resp: 84689
Ion Ratio Lower Upper
142 100
127 40.4 37.6 56.4
141 12.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 49.255 ug/l
RT: 5.525 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

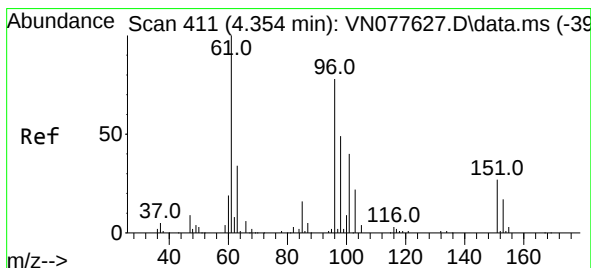
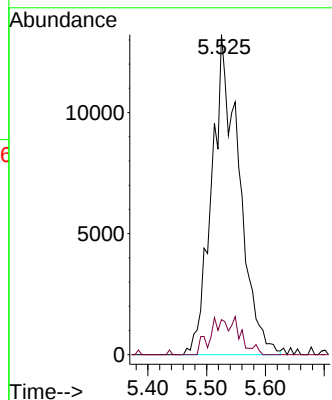
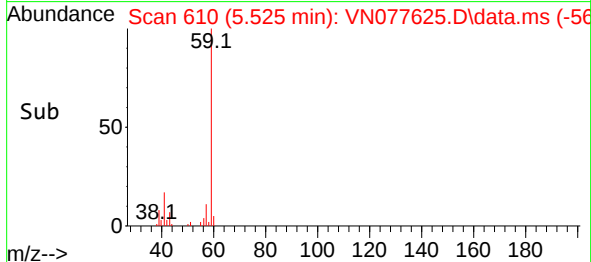
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



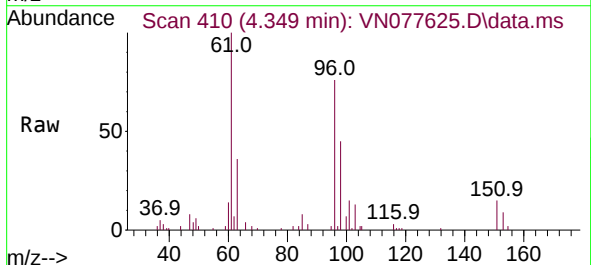
Tgt Ion: 59 Resp: 4270
Ion Ratio Lower Upper
59 100
57 7.3 8.2 12.4

Manual Integrations
APPROVED

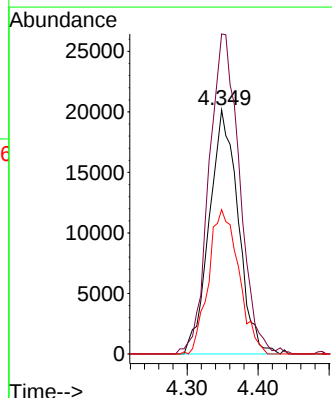
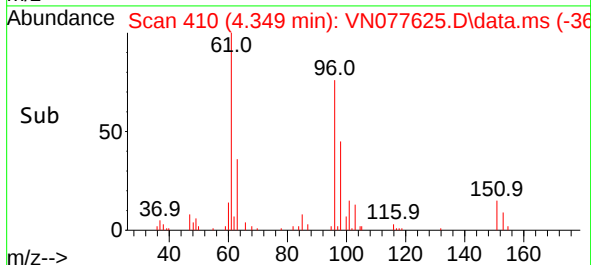
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

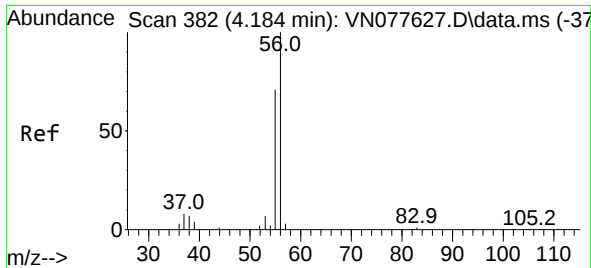


#12
1,1-Dichloroethene
Concen: 9.853 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22



Tgt Ion: 96 Resp: 56824
Ion Ratio Lower Upper
96 100
61 129.0 112.7 169.1
98 59.1 51.2 76.8





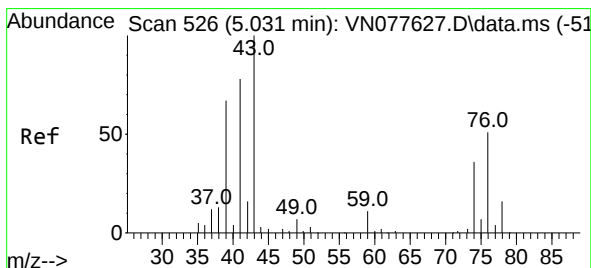
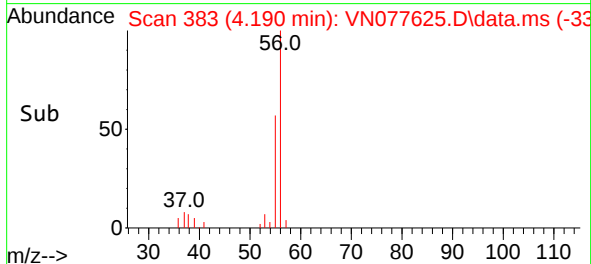
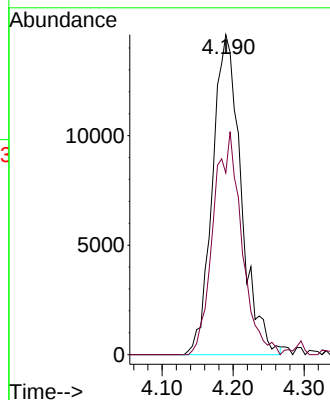
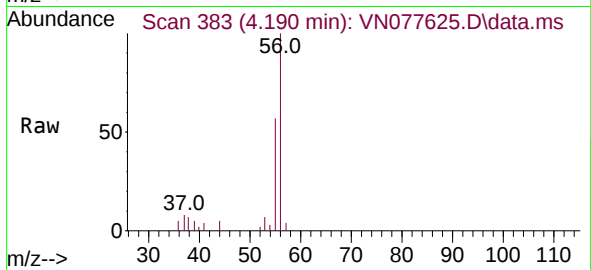
#13
Acrolein
Concen: 48.767 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 56 Resp: 4097
Ion Ratio Lower Upper
56 100
55 68.8 54.5 81.7

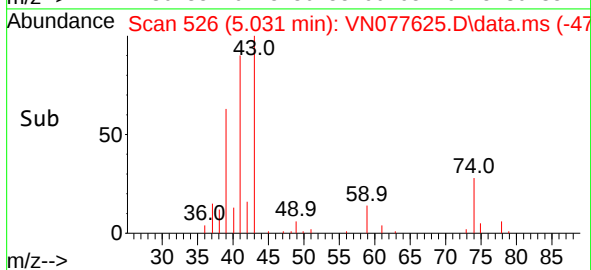
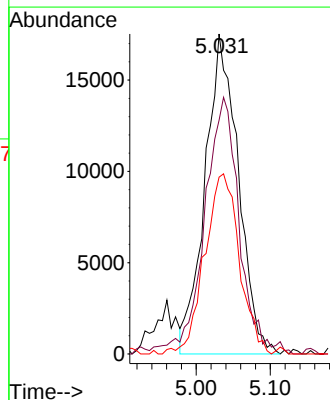
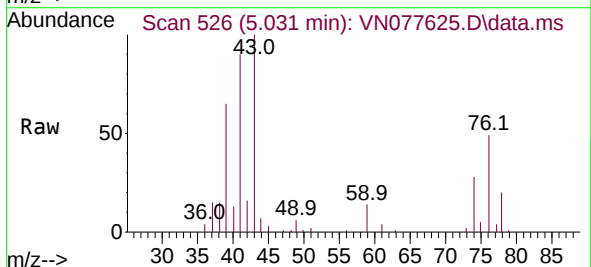
Manual Integrations
APPROVED

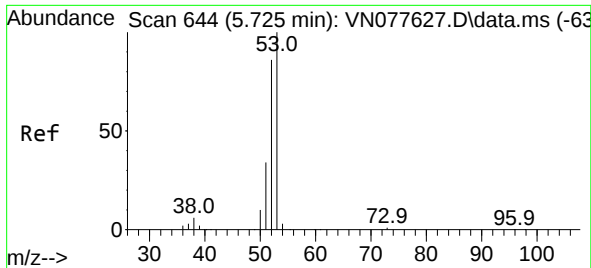
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#14
Allyl chloride
Concen: 9.522 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

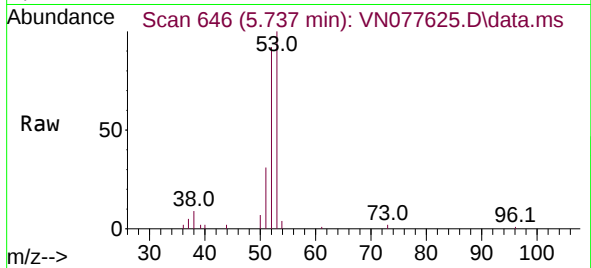
Tgt Ion: 41 Resp: 54540
Ion Ratio Lower Upper
41 100
39 83.9 58.8 88.2
76 58.8 39.1 58.7#





#15
Acrylonitrile
Concen: 48.250 ug/l
RT: 5.737 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

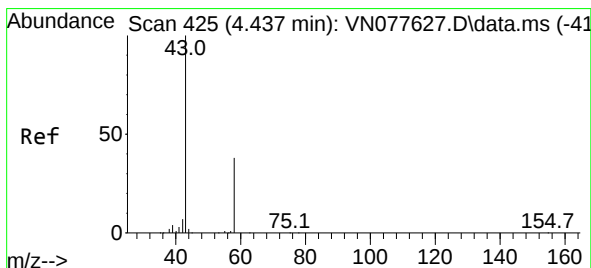
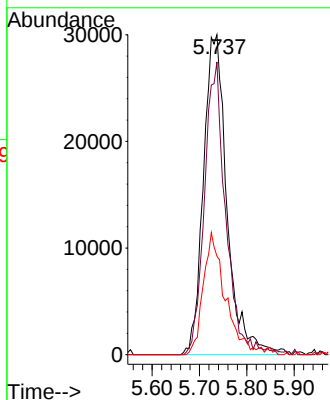
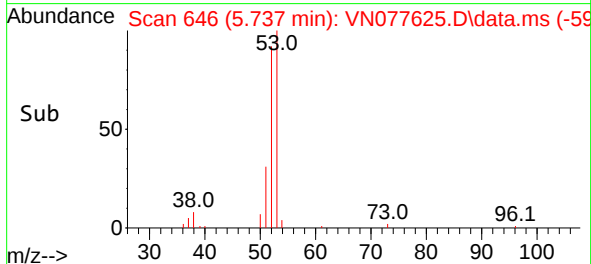
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 53 Resp: 103469
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.0 28.9 43.3

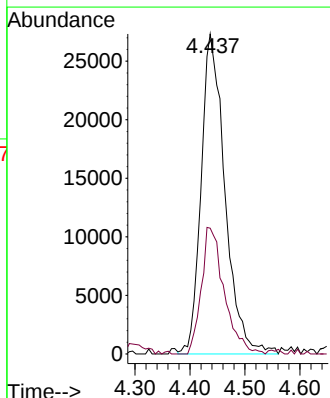
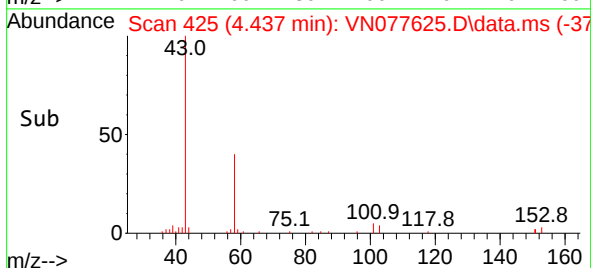
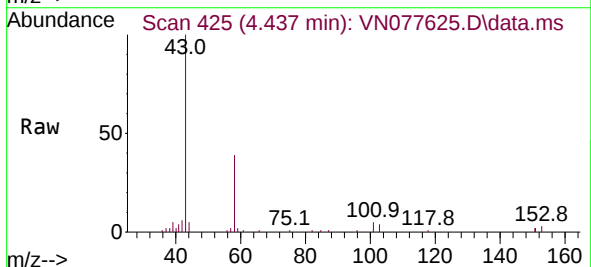
Manual Integrations
APPROVED

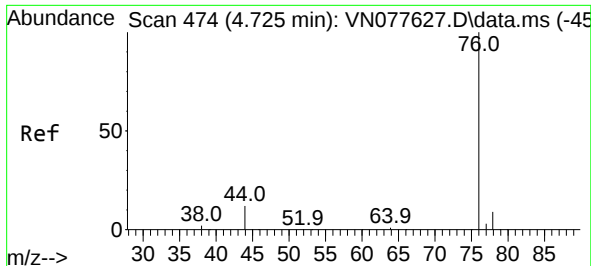
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#16
Acetone
Concen: 46.888 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

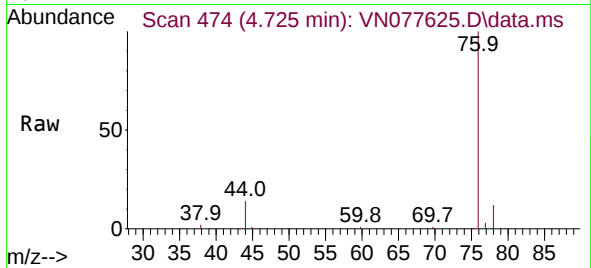
Tgt Ion: 43 Resp: 82303
Ion Ratio Lower Upper
43 100
58 39.3 28.0 42.0





#17
Carbon Disulfide
Concen: 9.299 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

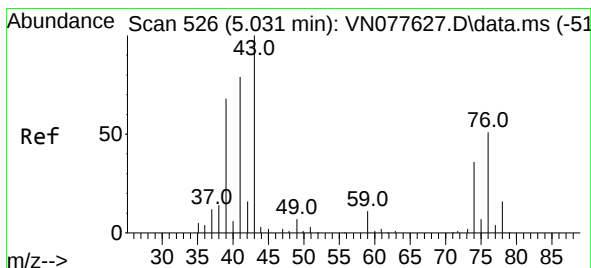
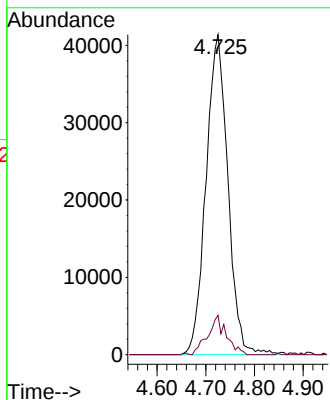
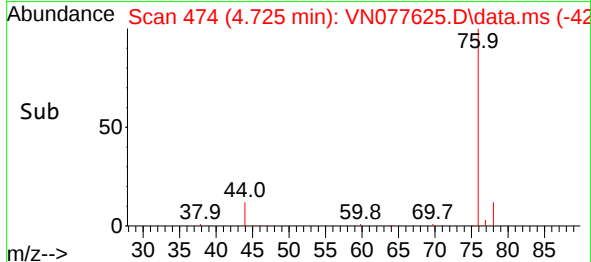
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



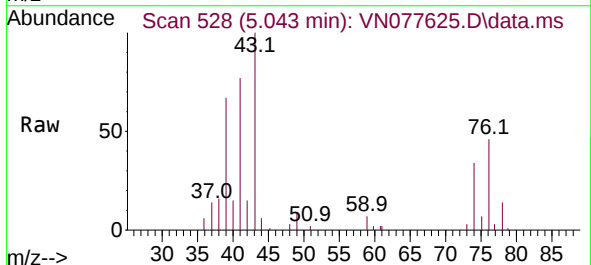
Tgt Ion: 76 Resp: 128969
Ion Ratio Lower Upper
76 100
78 12.3 7.4 11.0

Manual Integrations
APPROVED

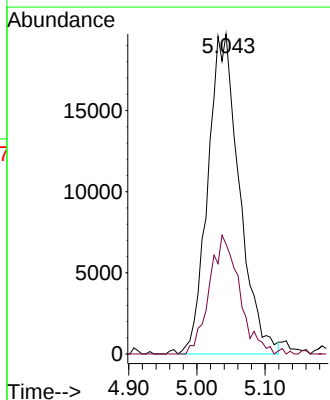
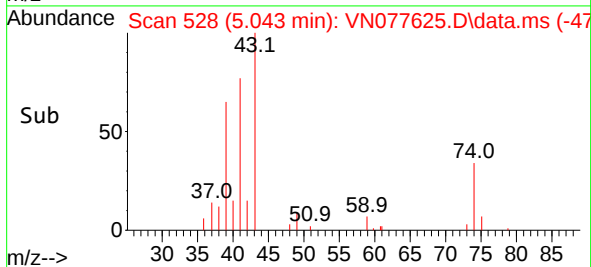
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

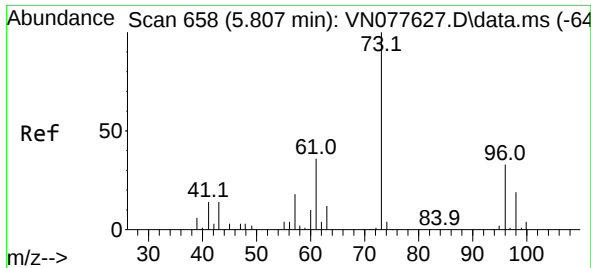


#18
Methyl Acetate
Concen: 9.135 ug/l
RT: 5.043 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22



Tgt Ion: 43 Resp: 63371
Ion Ratio Lower Upper
43 100
74 35.3 26.2 39.4





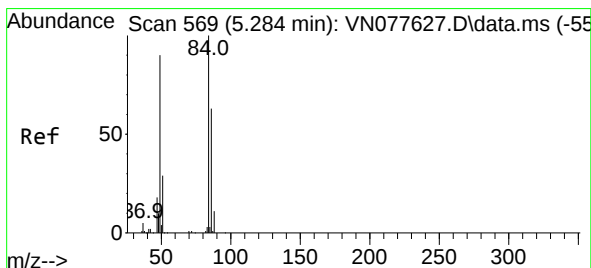
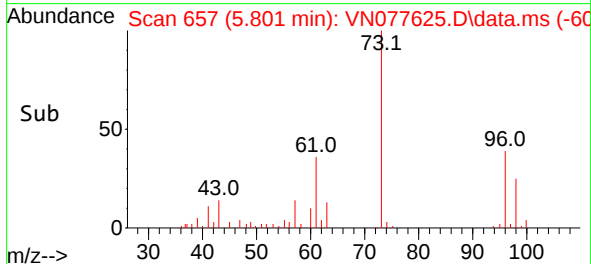
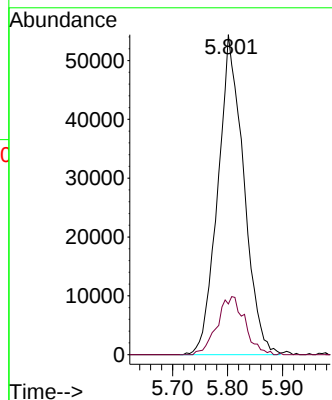
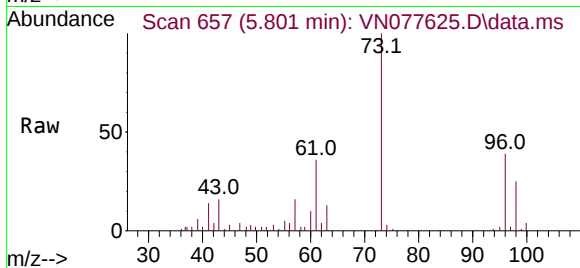
#19
Methyl tert-butyl Ether
Concen: 9.355 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 17752
Ion Ratio Lower Upper
73 100
57 15.9 15.6 23.4

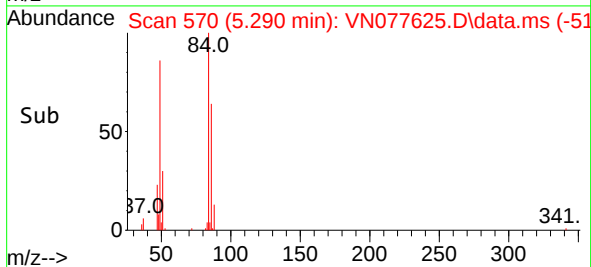
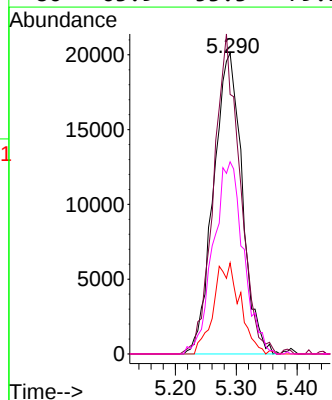
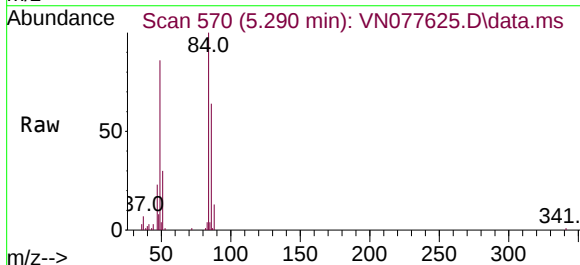
Manual Integrations
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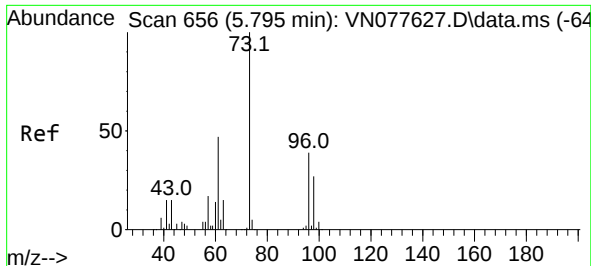
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#20
Methylene Chloride
Concen: 9.063 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

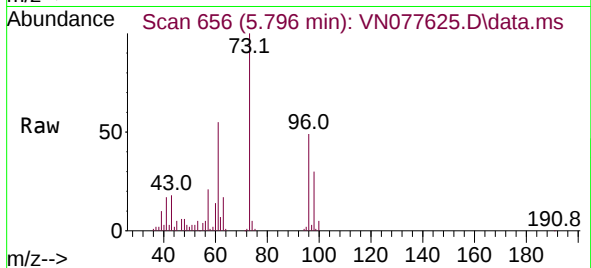
Tgt Ion: 84 Resp: 65732
Ion Ratio Lower Upper
84 100
49 86.3 79.7 119.5
51 30.3 25.2 37.8
86 63.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 9.729 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

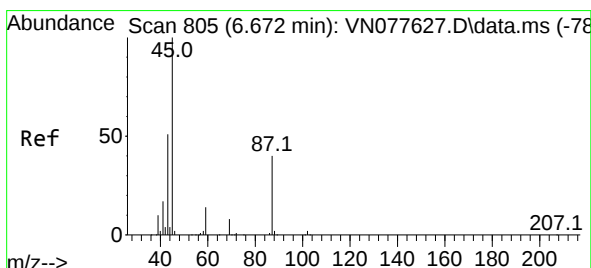
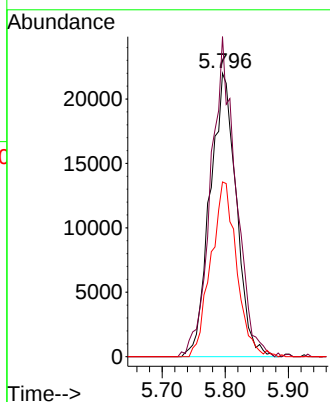
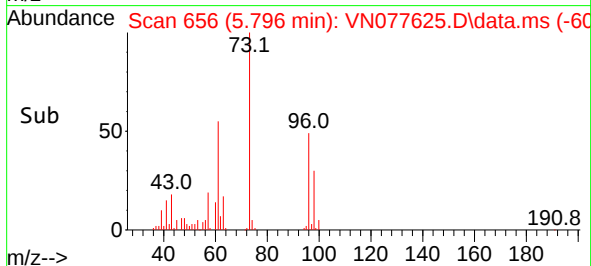
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



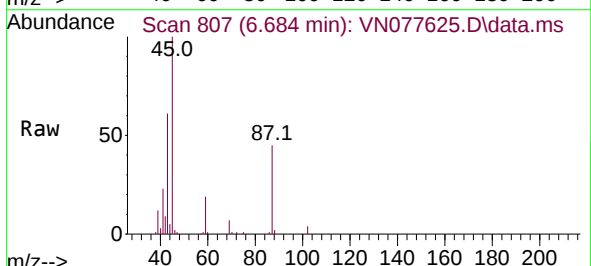
Tgt Ion: 96 Resp: 6346
Ion Ratio Lower Upper
96 100
61 112.9 90.1 135.1
98 61.7 46.4 69.6

Manual Integrations
APPROVED

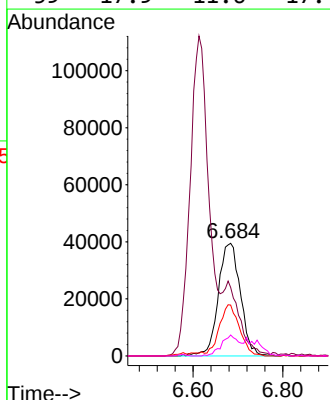
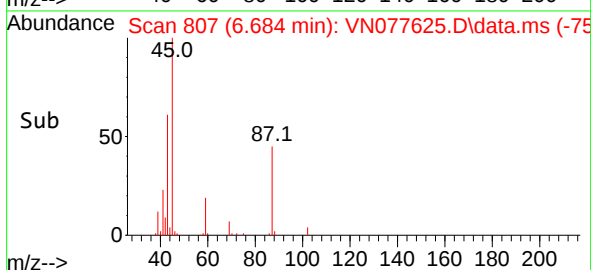
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

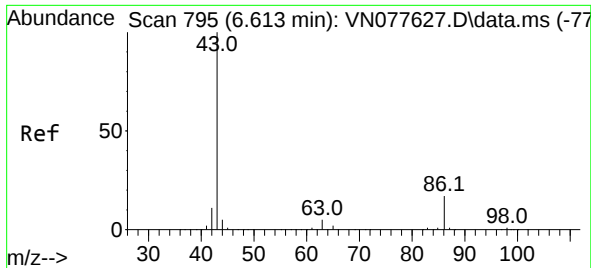


#22
Diisopropyl ether
Concen: 9.591 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.012 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22



Tgt Ion: 45 Resp: 135631
Ion Ratio Lower Upper
45 100
43 59.8 45.5 68.3
87 45.2 31.8 47.8
59 17.9 11.6 17.4#





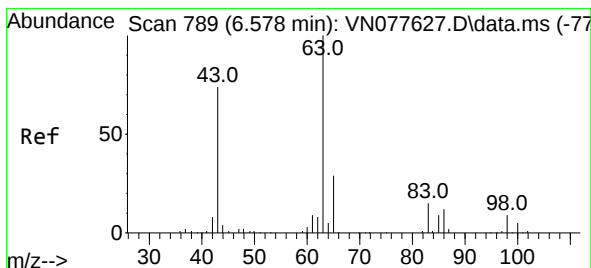
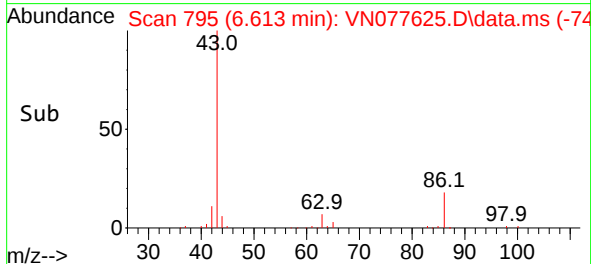
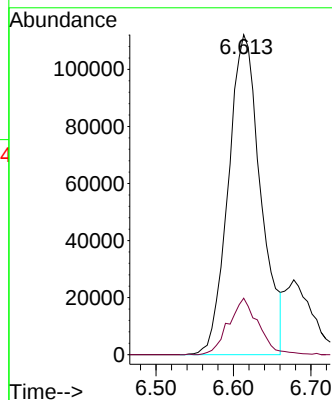
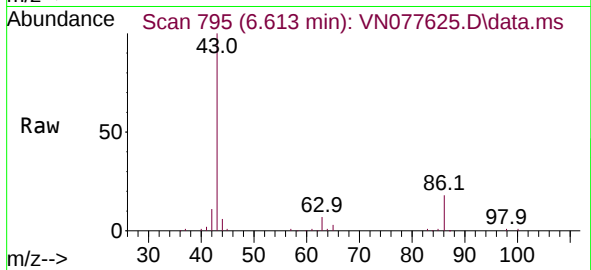
#23
 Vinyl Acetate
 Concen: 40.418 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077625.D
 Acq: 09 May 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion: 43 Resp: 32614
 Ion Ratio Lower Upper
 43 100
 86 17.7 13.0 19.6

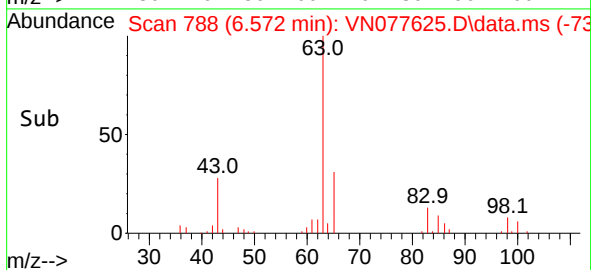
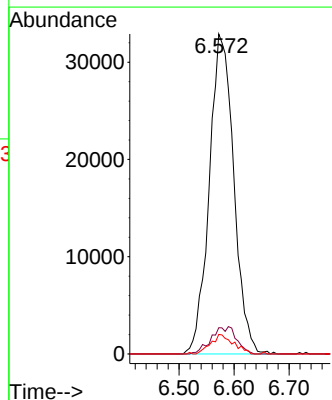
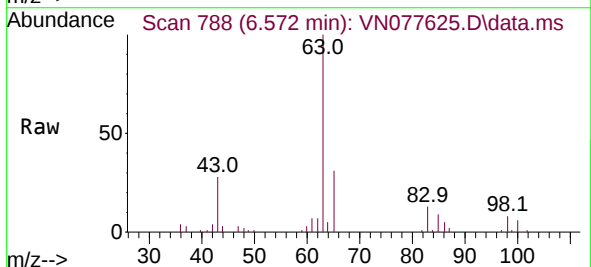
Manual Integrations
 APPROVED

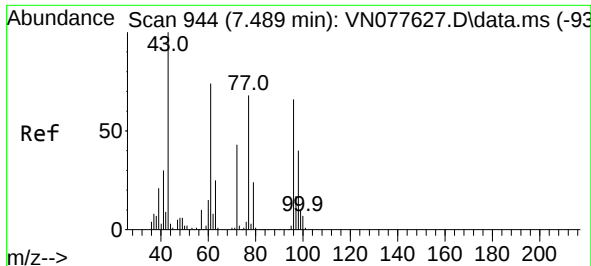
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#24
 1,1-Dichloroethane
 Concen: 9.500 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077625.D
 Acq: 09 May 2023 11:22

Tgt Ion: 63 Resp: 101833
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.9 11.7
 100 6.1 2.5 7.4





#25

2-Butanone

Concen: 48.141 ug/l

RT: 7.490 min Scan# 944

Delta R.T. 0.000 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 123140

Ion Ratio Lower Upper

43 100

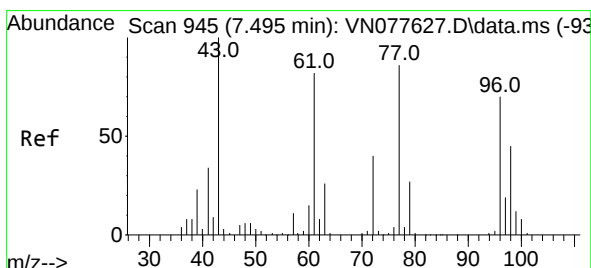
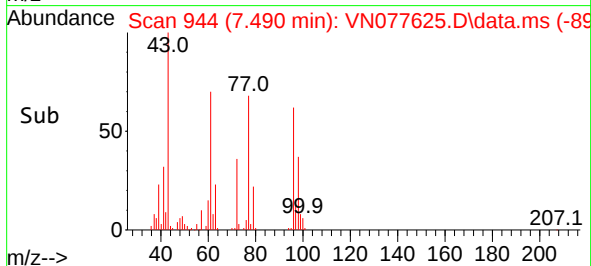
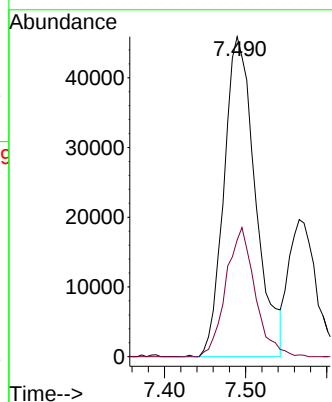
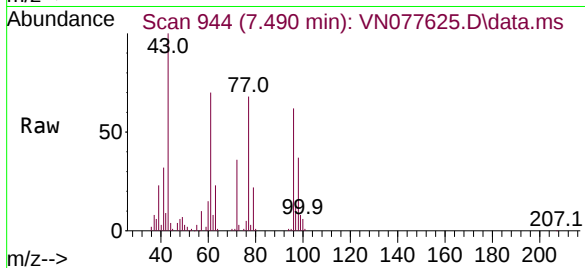
72 36.5 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#26

2,2-Dichloropropane

Concen: 9.558 ug/l

RT: 7.501 min Scan# 946

Delta R.T. 0.006 min

Lab File: VN077625.D

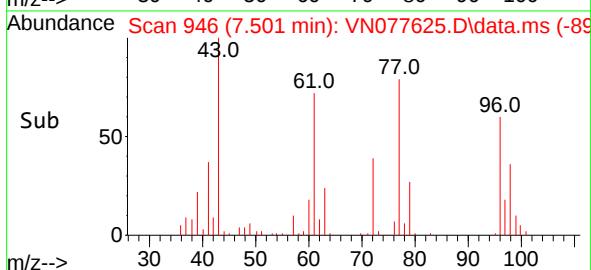
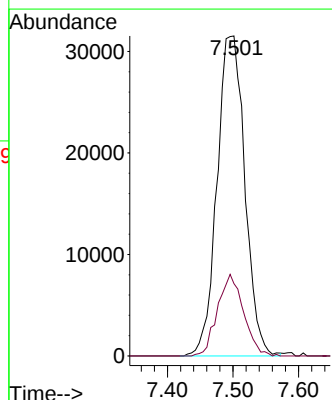
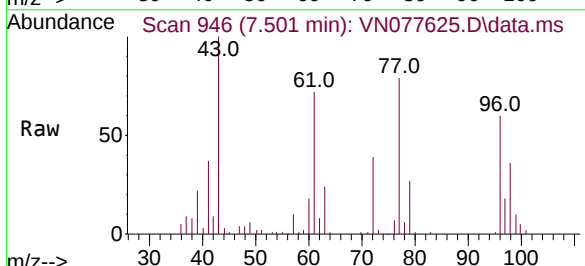
Acq: 09 May 2023 11:22

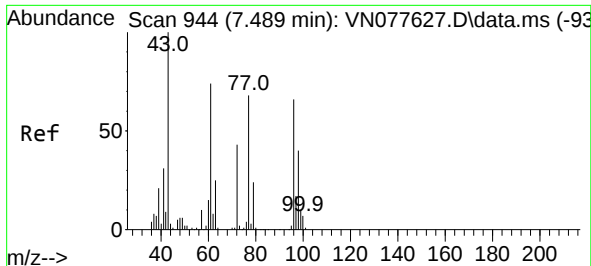
Tgt Ion: 77 Resp: 92853

Ion Ratio Lower Upper

77 100

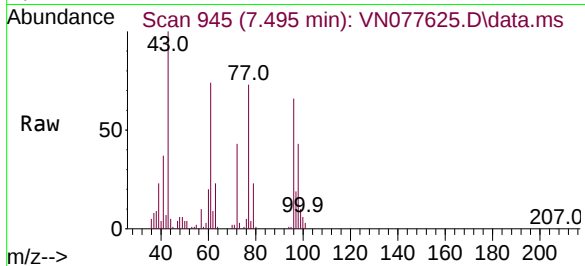
97 23.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 8.976 ug/l
 RT: 7.495 min Scan# 944
 Delta R.T. 0.006 min
 Lab File: VN077625.D
 Acq: 09 May 2023 11:22

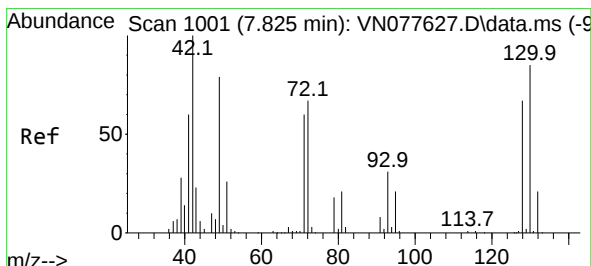
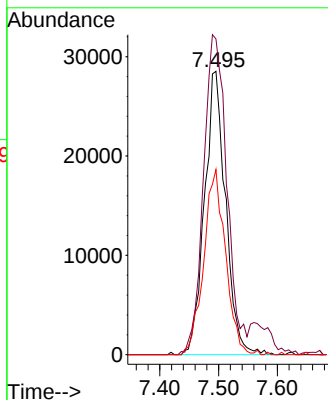
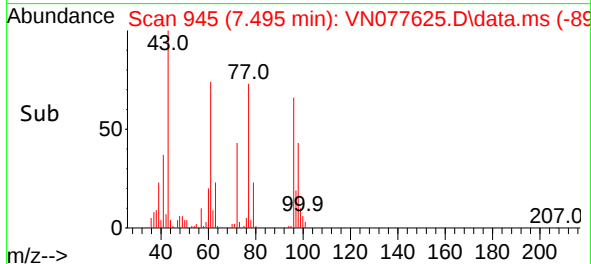
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



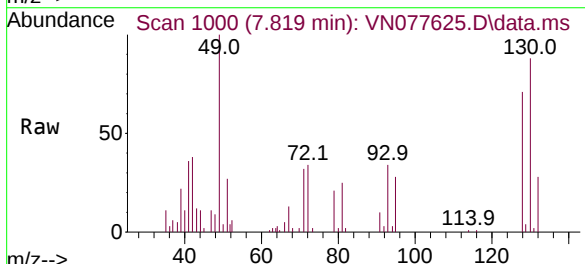
Tgt Ion: 96 Resp: 71220
 Ion Ratio Lower Upper
 96 100
 61 125.0 0.0 255.2
 98 67.4 0.0 128.8

Manual Integrations
 APPROVED

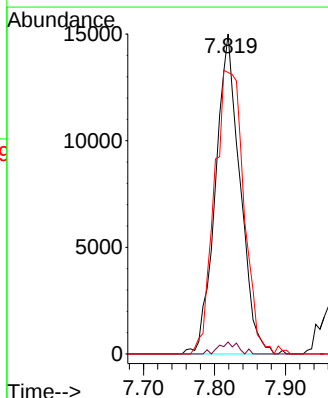
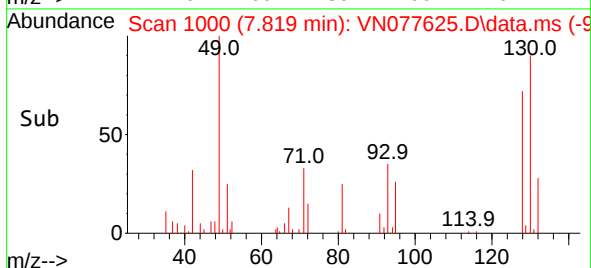
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023

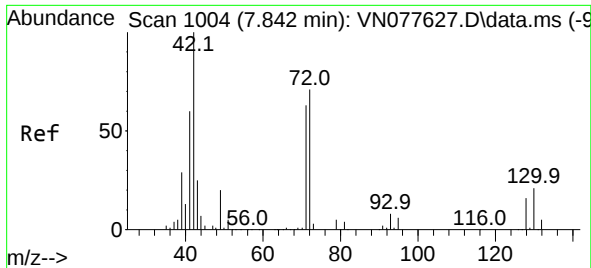


#28
 Bromochloromethane
 Concen: 9.203 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.006 min
 Lab File: VN077625.D
 Acq: 09 May 2023 11:22



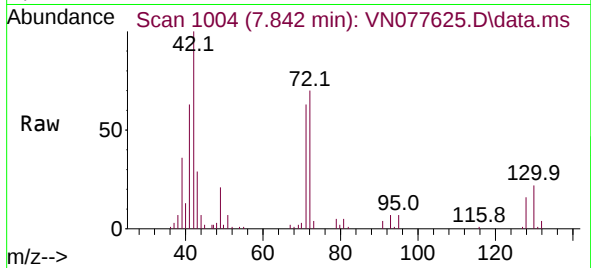
Tgt Ion: 49 Resp: 35995
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.8
 130 105.9 75.3 112.9





#29
Tetrahydrofuran
Concen: 48.779 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

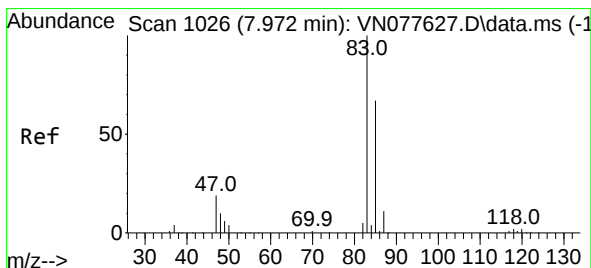
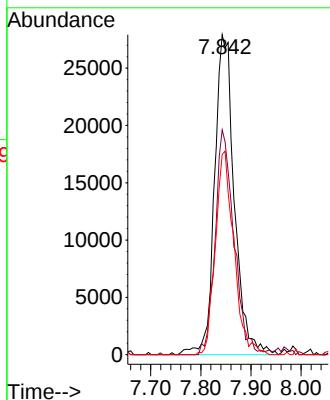
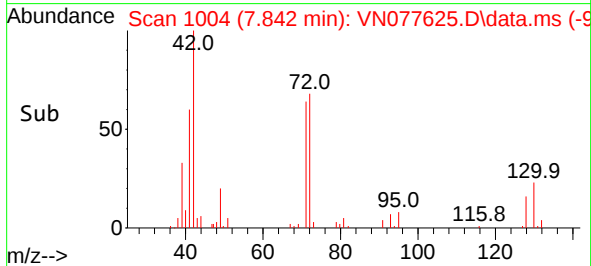
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 42 Resp: 76648
Ion Ratio Lower Upper
42 100
72 66.5 49.8 74.6
71 59.6 47.4 71.2

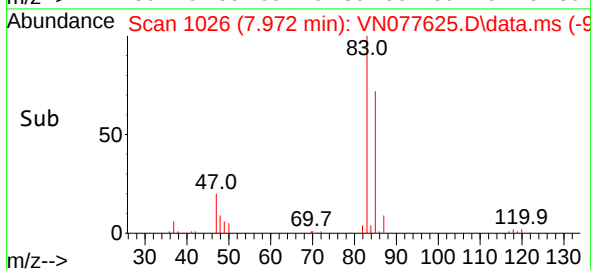
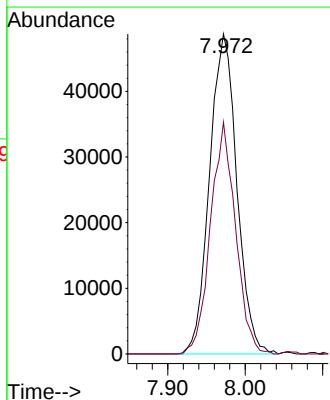
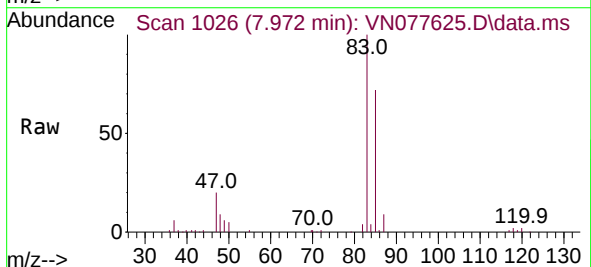
Manual Integrations
APPROVED

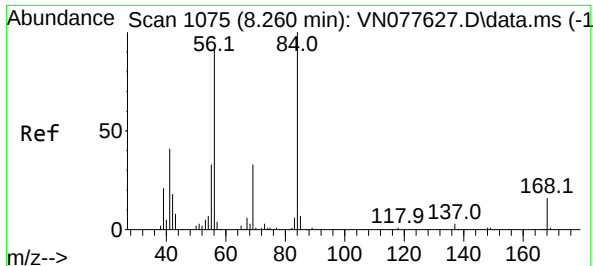
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#30
Chloroform
Concen: 9.407 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

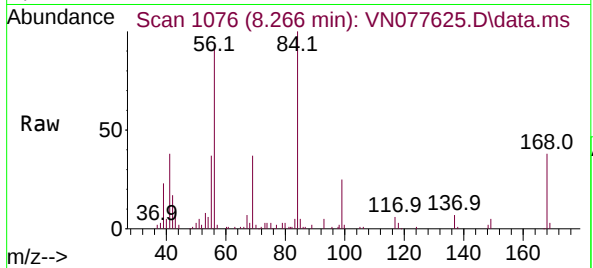
Tgt Ion: 83 Resp: 119513
Ion Ratio Lower Upper
83 100
85 72.4 55.4 83.0





#31
Cyclohexane
Concen: 9.880 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

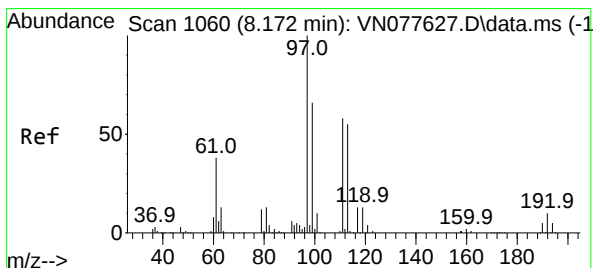
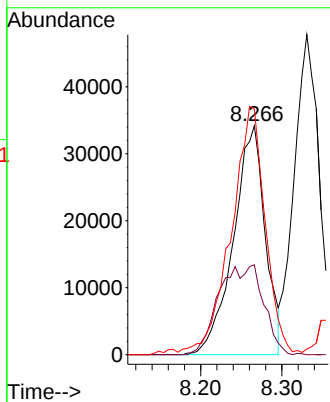
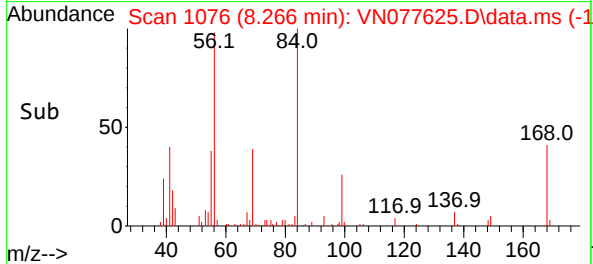
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



Tgt Ion: 56 Resp: 93052
Ion Ratio Lower Upper
56 100
69 39.3 26.8 40.2
84 106.3 81.8 122.6

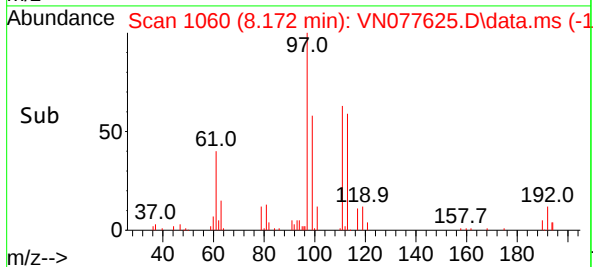
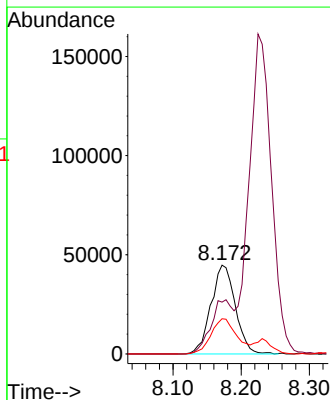
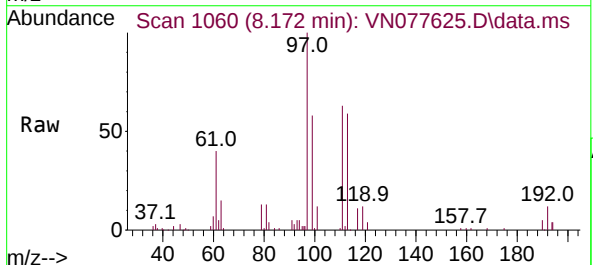
Manual Integrations
APPROVED

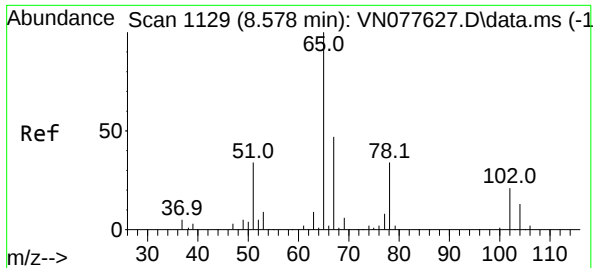
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#32
1,1,1-Trichloroethane
Concen: 9.518 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion: 97 Resp: 111332
Ion Ratio Lower Upper
97 100
99 55.7 50.3 75.5
61 42.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 9.249 ug/l

RT: 8.584 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 6816

Ion Ratio Lower Upper

65 100

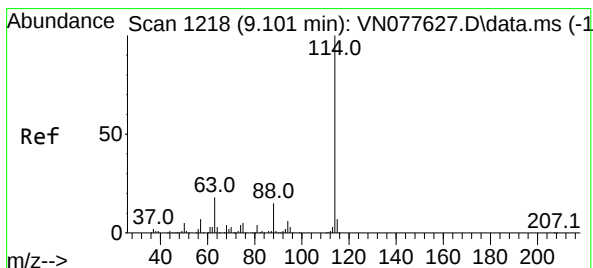
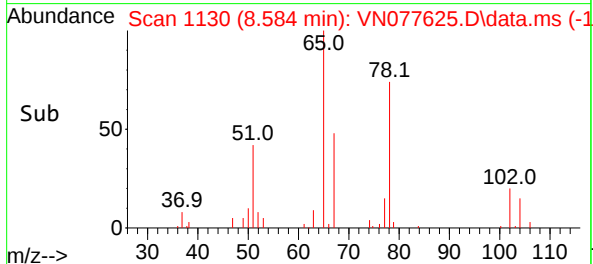
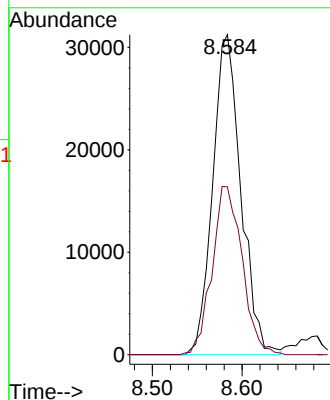
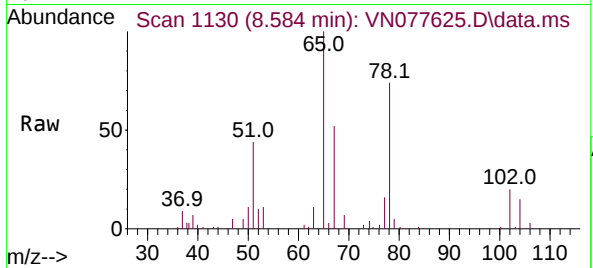
67 55.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

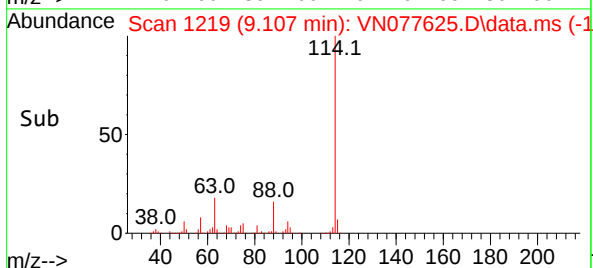
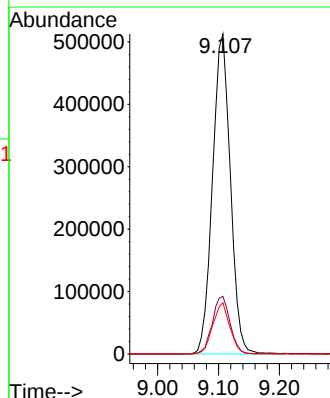
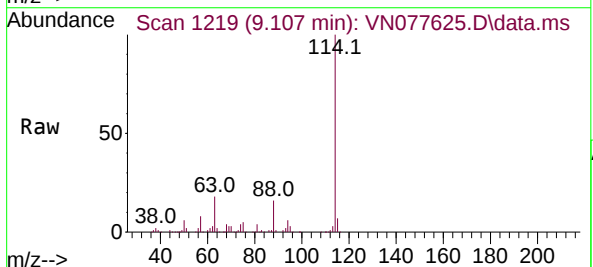
Tgt Ion:114 Resp: 1043619

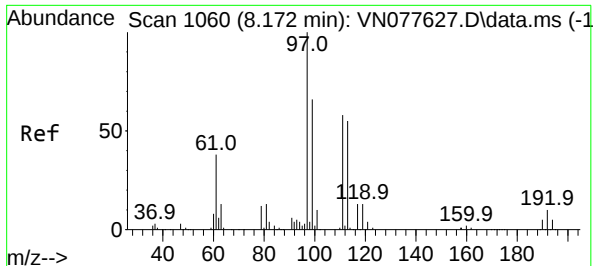
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 9.667 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 113 Resp: 6292

Ion Ratio Lower Upper

113 100

111 99.3 82.6 123.8

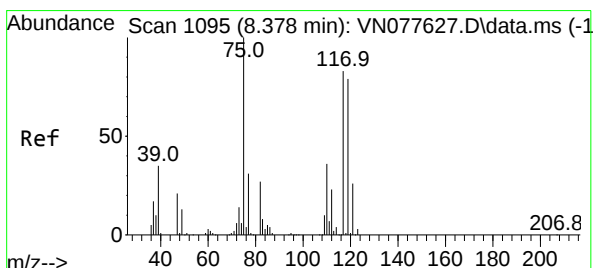
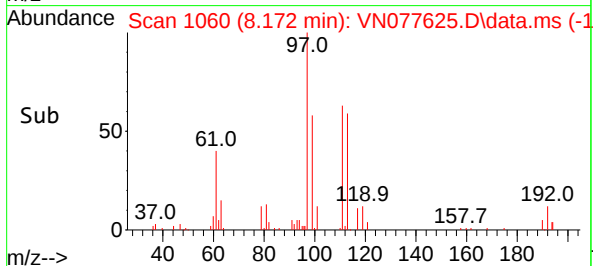
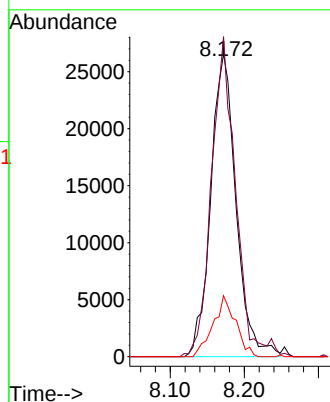
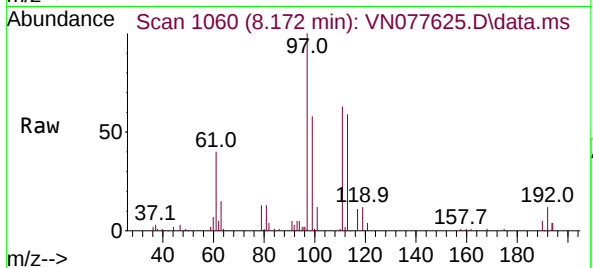
192 18.0 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#36

1,1-Dichloropropene

Concen: 9.807 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

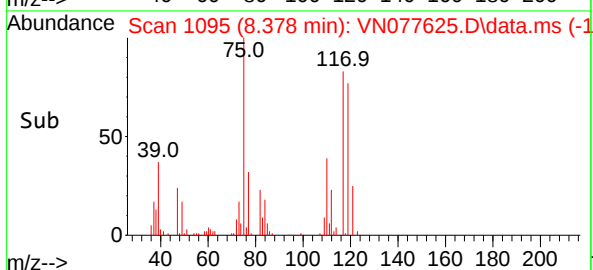
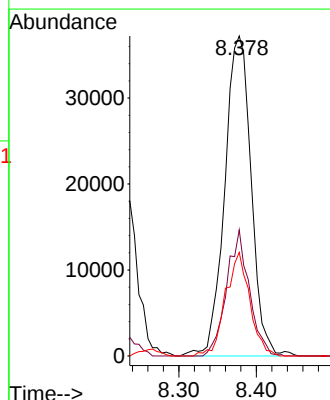
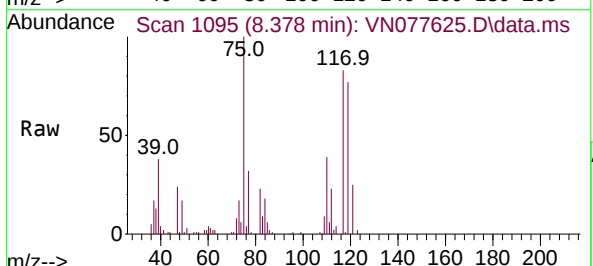
Tgt Ion: 75 Resp: 88091

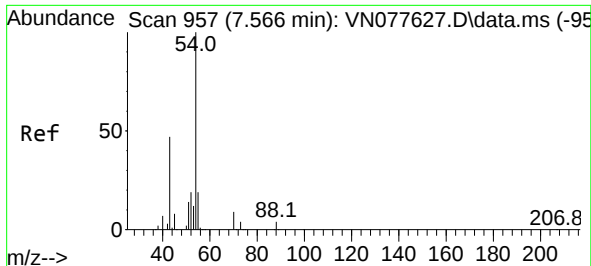
Ion Ratio Lower Upper

75 100

110 34.0 19.1 57.3

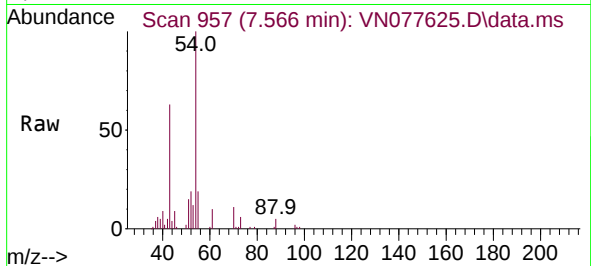
77 29.8 25.0 37.4





#37
Ethyl Acetate
Concen: 8.959 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

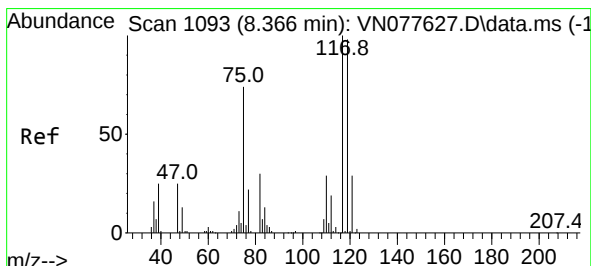
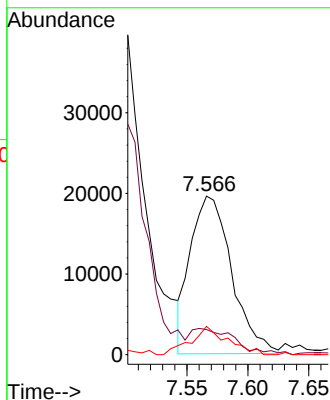
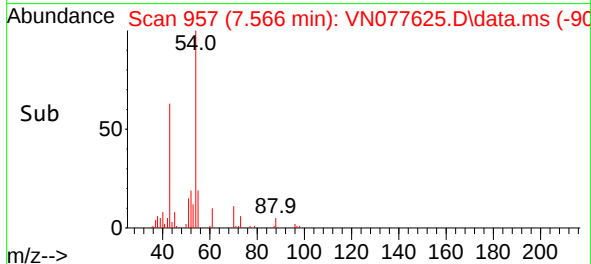
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 4601
Ion Ratio Lower Upper
43 100
61 17.8 13.2 19.8
70 16.0 11.3 16.9

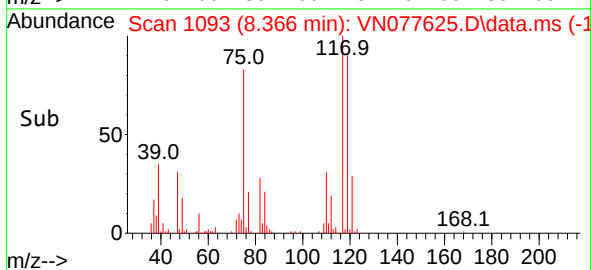
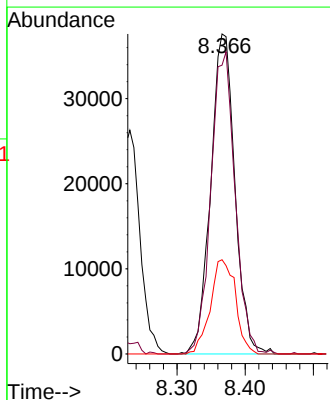
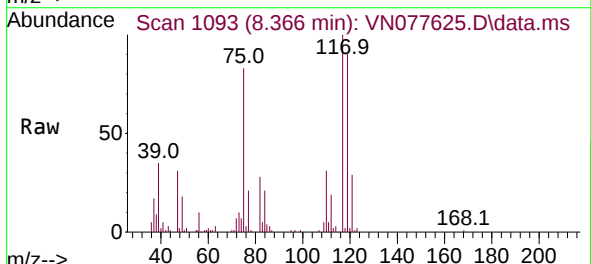
Manual Integrations
APPROVED

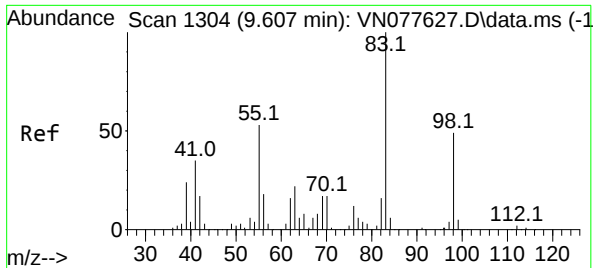
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#38
Carbon Tetrachloride
Concen: 9.475 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion:117 Resp: 92979
Ion Ratio Lower Upper
117 100
119 90.2 77.3 115.9
121 29.4 23.3 34.9





#39

Methylcyclohexane

Concen: 9.323 ug/l

RT: 9.601 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 10395

Ion Ratio Lower Upper

83 100

55 57.5 49.1 73.7

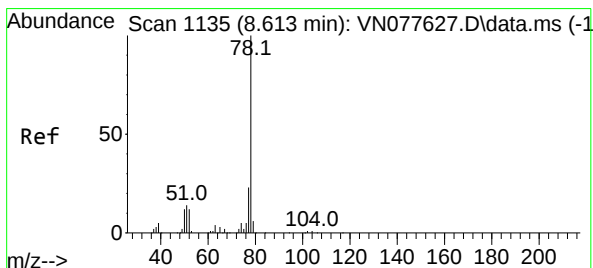
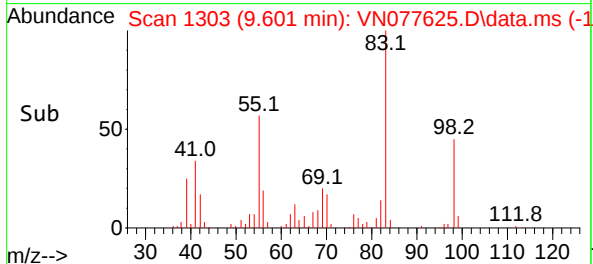
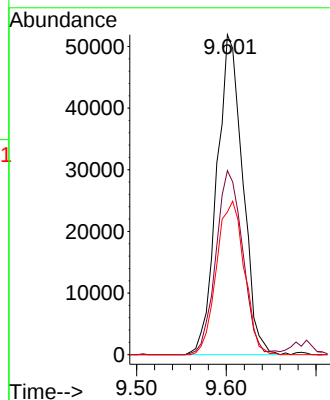
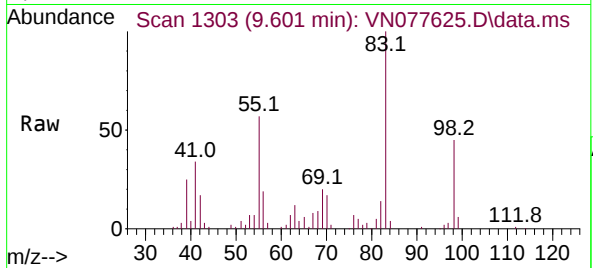
98 44.6 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#40

Benzene

Concen: 9.605 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN077625.D

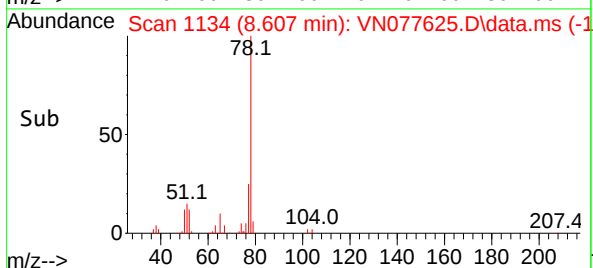
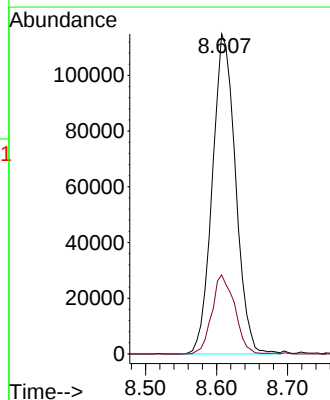
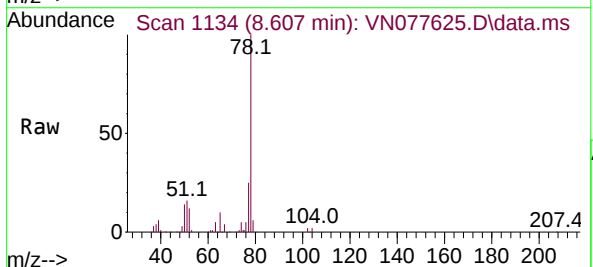
Acq: 09 May 2023 11:22

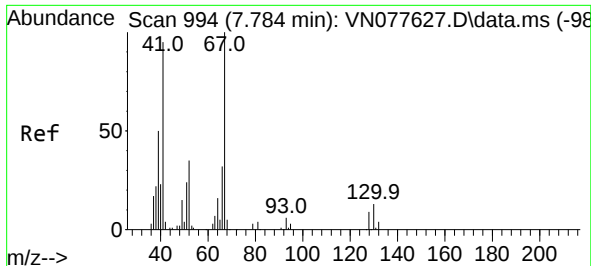
Tgt Ion: 78 Resp: 260996

Ion Ratio Lower Upper

78 100

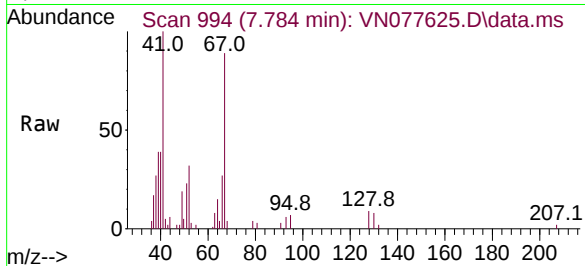
77 24.7 19.0 28.6





#41
Methacrylonitrile
Concen: 9.427 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

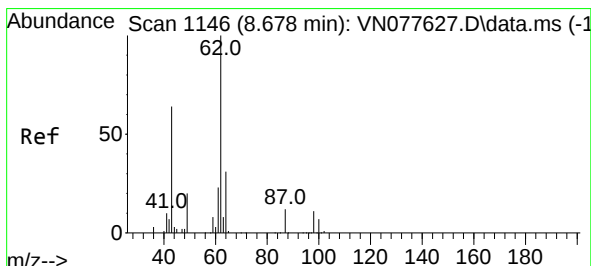
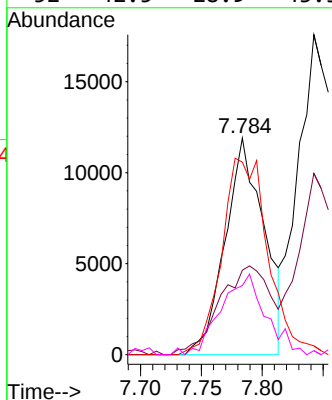
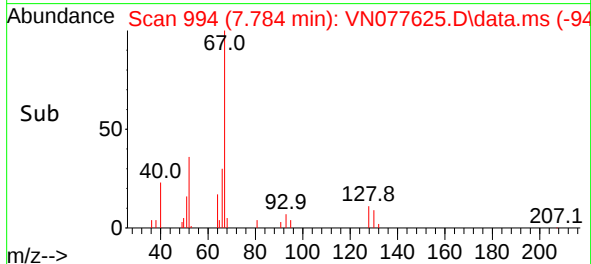
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



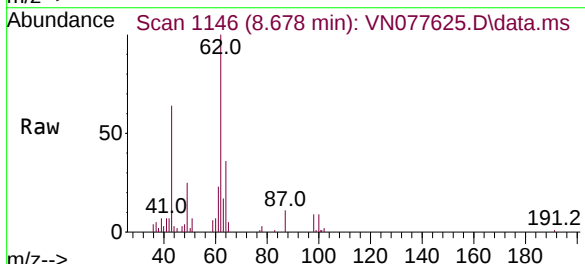
Tgt Ion: 41 Resp: 26454
Ion Ratio Lower Upper
41 100
39 53.6 42.6 64.0
67 107.7 77.5 116.3
52 42.5 28.9 43.3

Manual Integrations
APPROVED

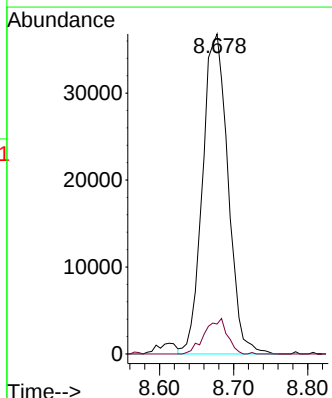
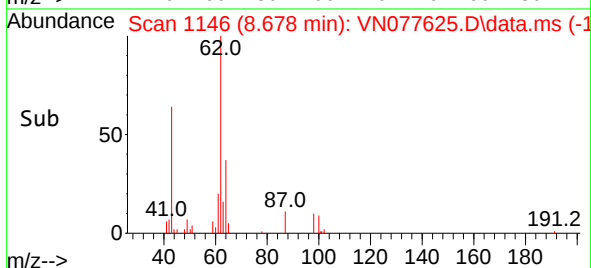
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

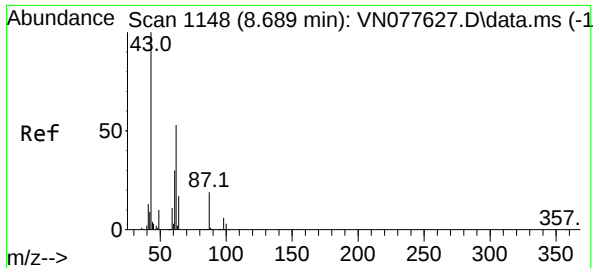


#42
1,2-Dichloroethane
Concen: 9.622 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22



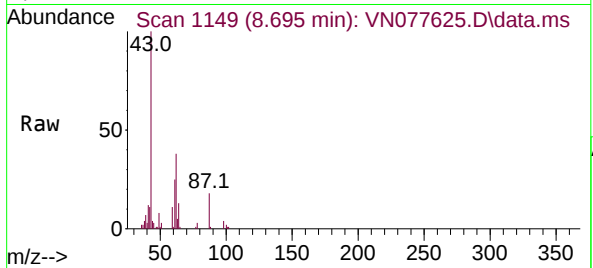
Tgt Ion: 62 Resp: 87675
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 9.752 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

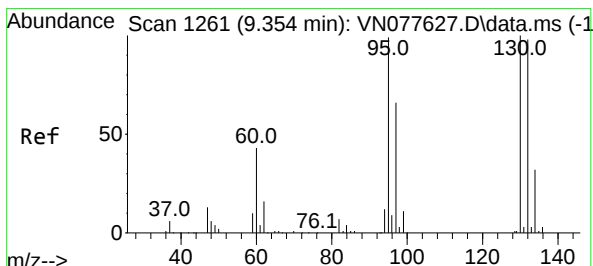
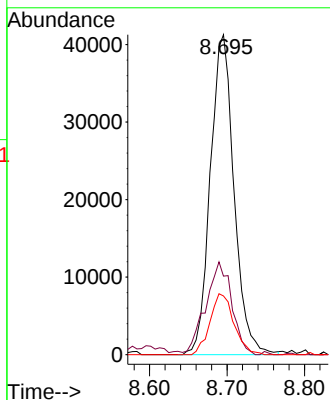
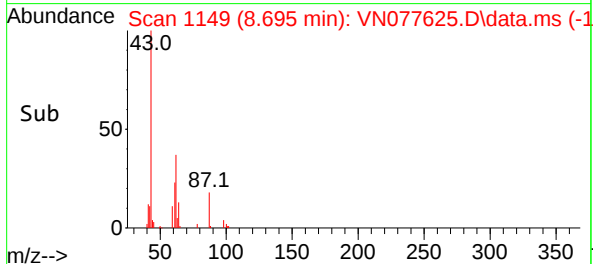
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 87819
Ion Ratio Lower Upper
43 100
61 31.9 24.7 37.1
87 19.3 14.6 21.8

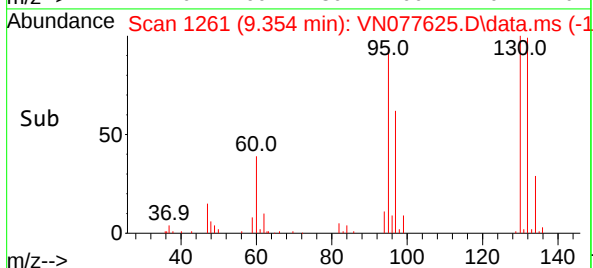
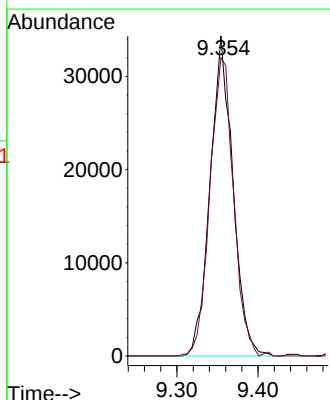
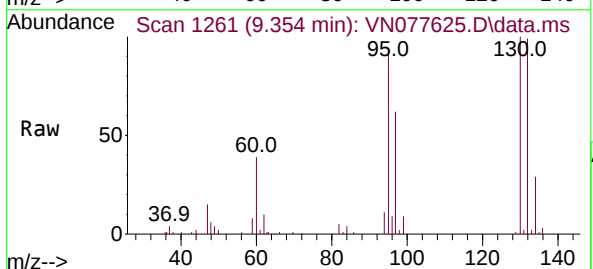
Manual Integrations
APPROVED

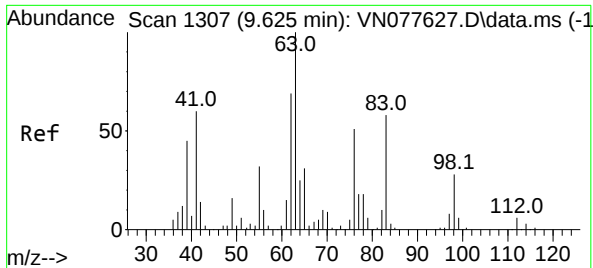
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#44
Trichloroethene
Concen: 9.332 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

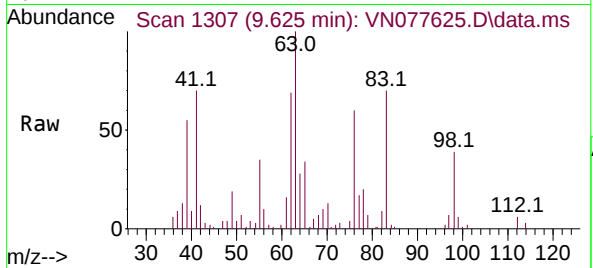
Tgt Ion:130 Resp: 66615
Ion Ratio Lower Upper
130 100
95 93.2 0.0 204.6





#45
1,2-Dichloropropane
Concen: 9.171 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

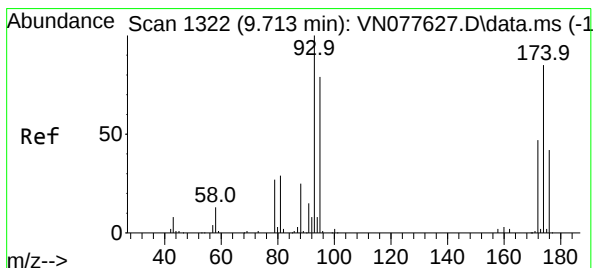
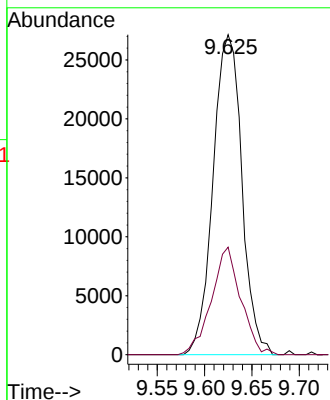
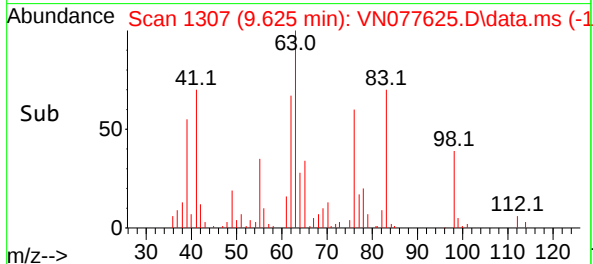
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 63 Resp: 57299
Ion Ratio Lower Upper
63 100
65 33.6 23.9 35.9

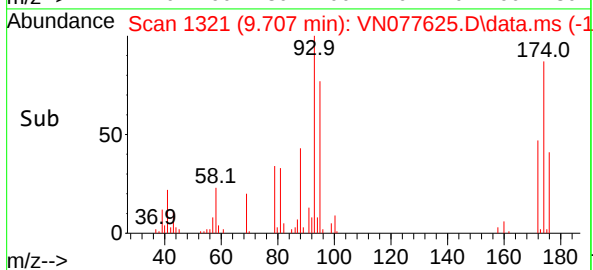
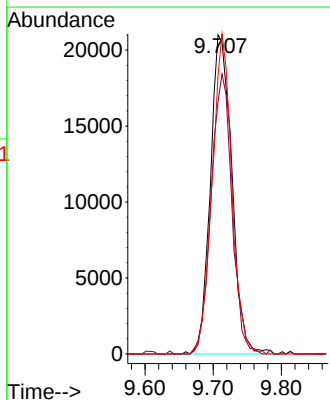
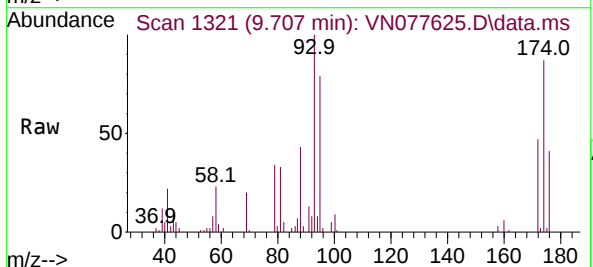
Manual Integrations
APPROVED

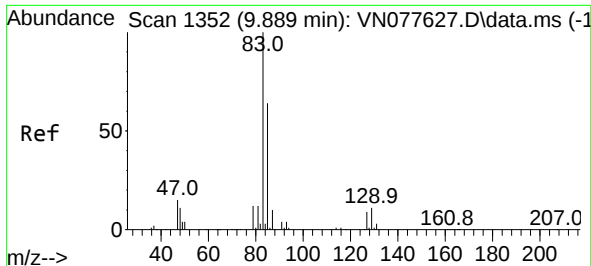
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#46
Dibromomethane
Concen: 9.437 ug/l
RT: 9.707 min Scan# 1321
Delta R.T. -0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

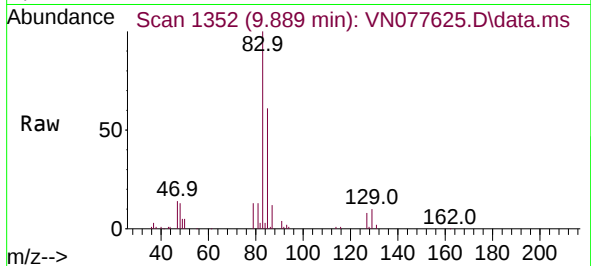
Tgt Ion: 93 Resp: 45865
Ion Ratio Lower Upper
93 100
95 84.5 63.8 95.8
174 92.3 65.6 98.4





#47
Bromodichloromethane
Concen: 9.565 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

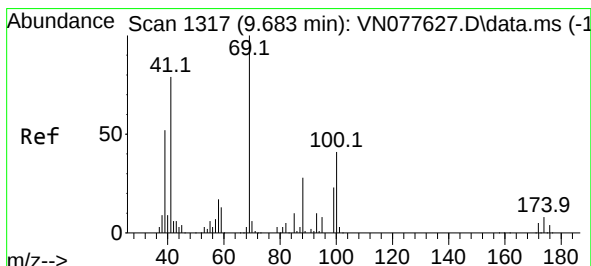
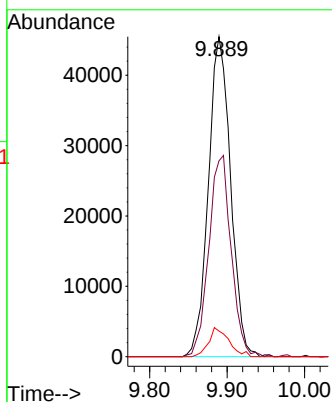
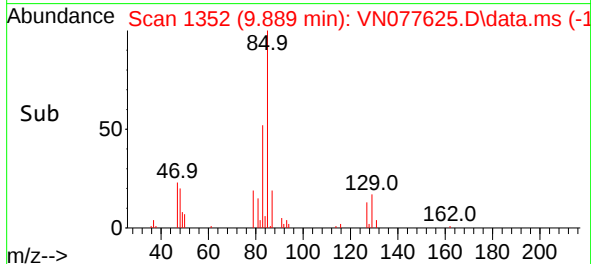
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 9079
Ion Ratio Lower Upper
83 100
85 61.2 49.6 74.4
127 8.0 7.0 10.6

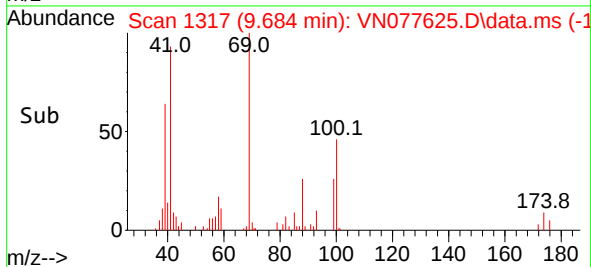
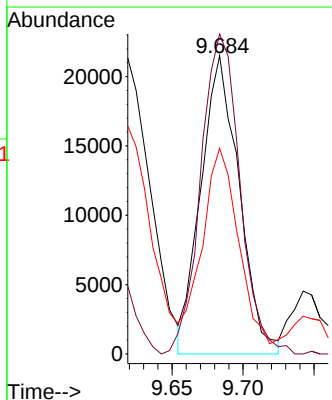
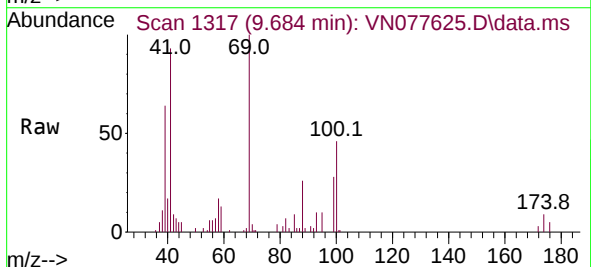
Manual Integrations
APPROVED

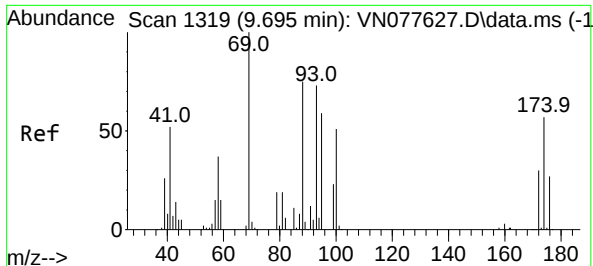
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#48
Methyl methacrylate
Concen: 9.520 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion: 41 Resp: 40234
Ion Ratio Lower Upper
41 100
69 109.8 90.4 135.6
39 67.6 54.6 81.8





#49

1,4-Dioxane

Concen: 184.270 ug/l

RT: 9.701 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 88 Resp: 2316

Ion Ratio Lower Upper

88 100

43 17.4 17.0 25.6

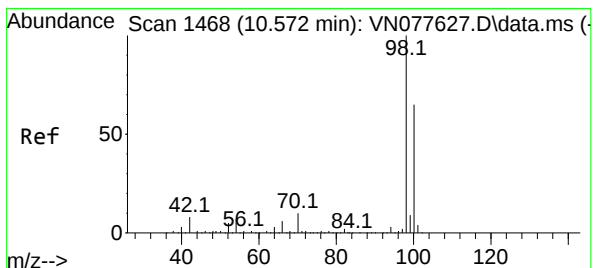
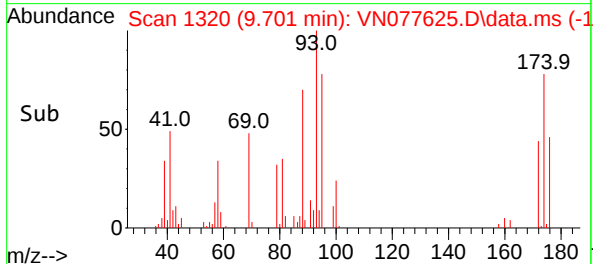
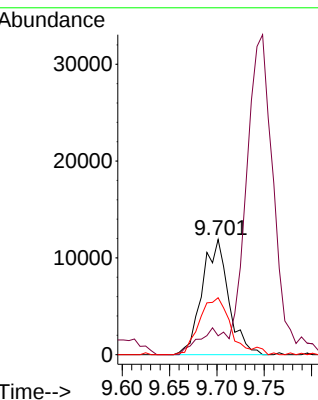
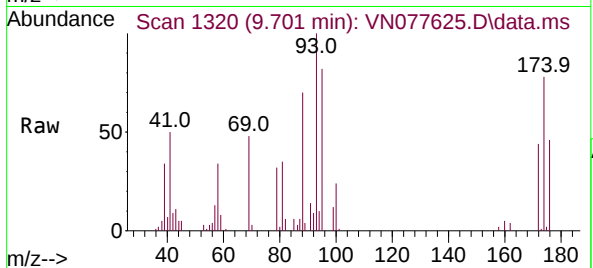
58 59.1 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#50

Toluene-d8

Concen: 9.240 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077625.D

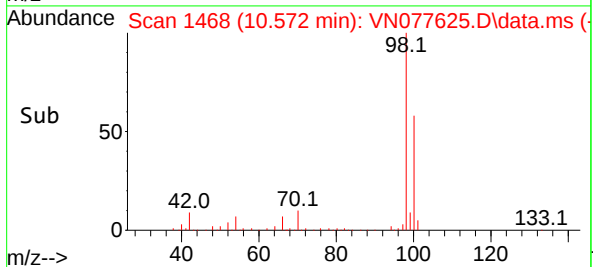
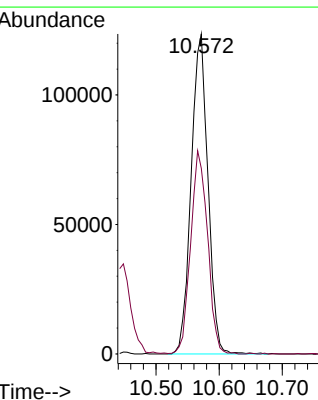
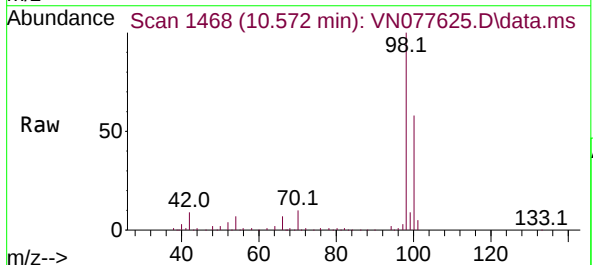
Acq: 09 May 2023 11:22

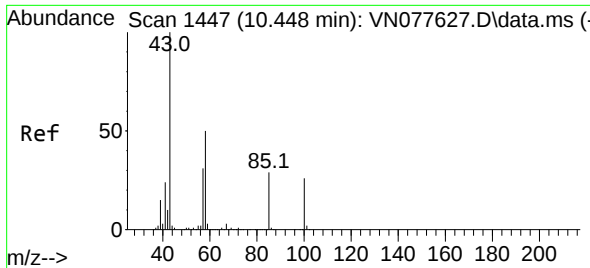
Tgt Ion: 98 Resp: 227697

Ion Ratio Lower Upper

98 100

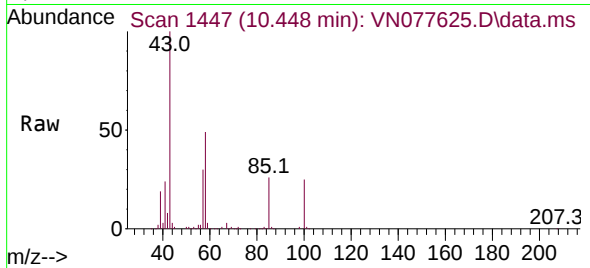
100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 48.029 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

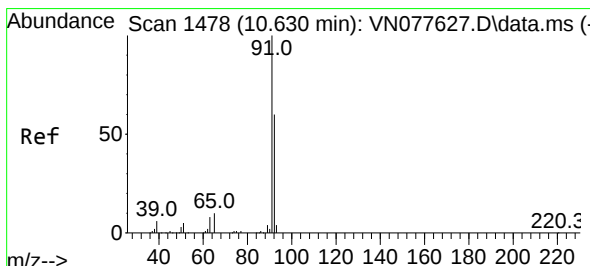
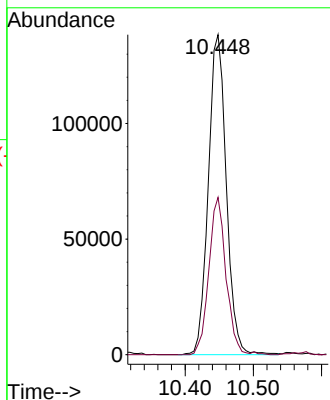
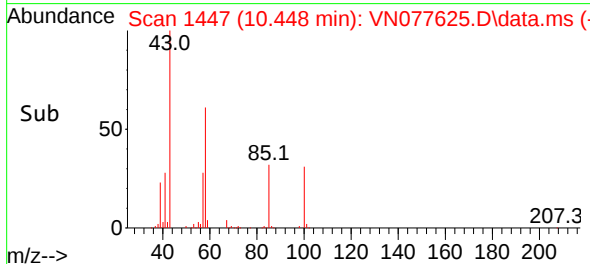
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 254448
Ion Ratio Lower Upper
43 100
58 46.7 36.6 54.8

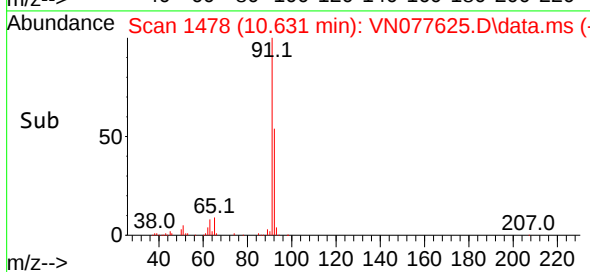
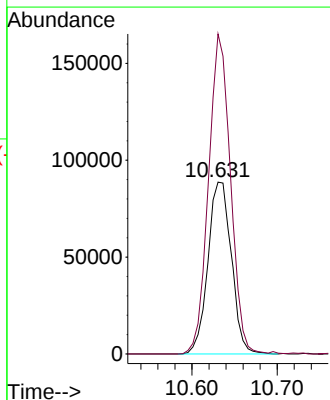
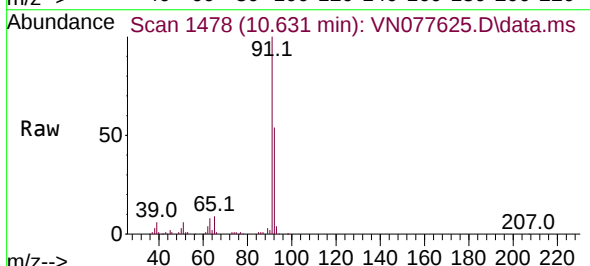
Manual Integrations
APPROVED

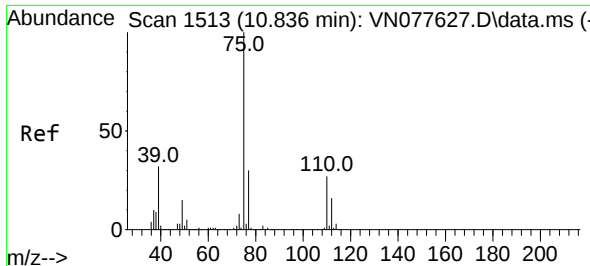
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#52
Toluene
Concen: 9.378 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion: 92 Resp: 169497
Ion Ratio Lower Upper
92 100
91 174.6 137.4 206.0





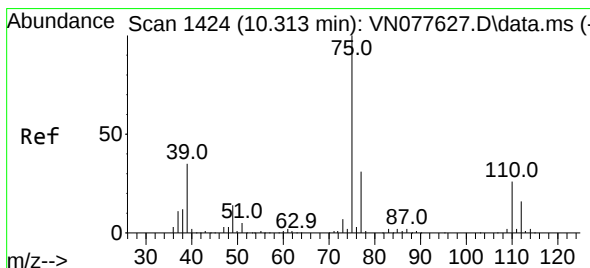
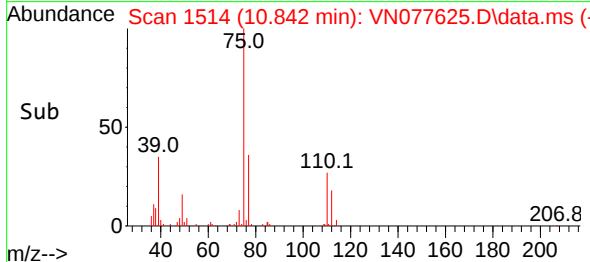
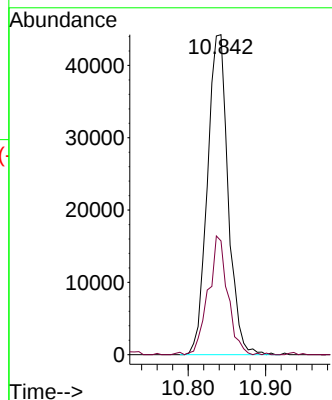
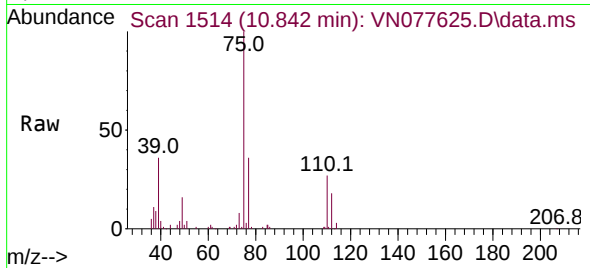
#53
t-1,3-Dichloropropene
Concen: 8.878 ug/l
RT: 10.842 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 82114
Ion Ratio Lower Upper
75 100
77 35.6 25.4 38.0

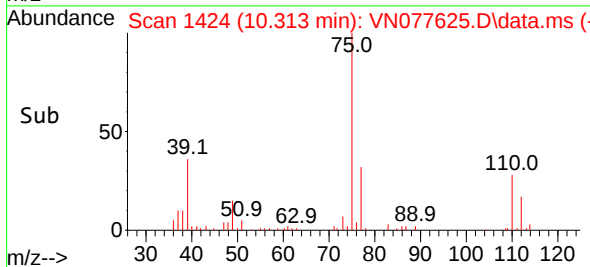
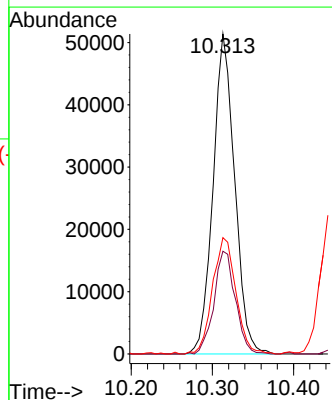
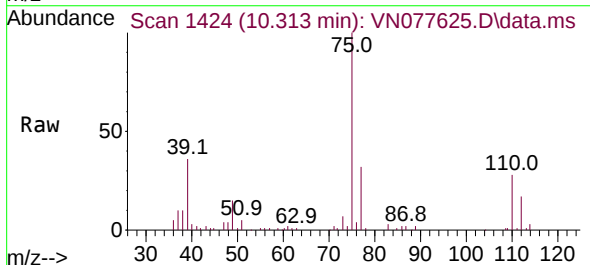
Manual Integrations
APPROVED

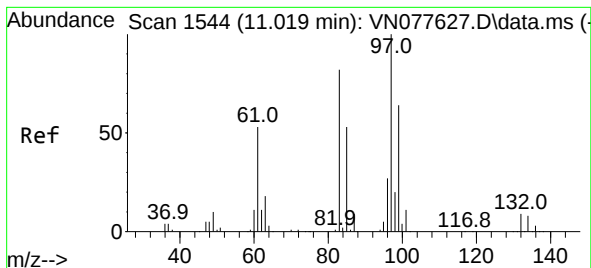
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#54
cis-1,3-Dichloropropene
Concen: 9.041 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion: 75 Resp: 95141
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 36.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 9.415 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

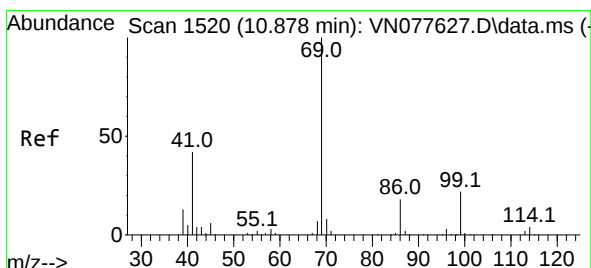
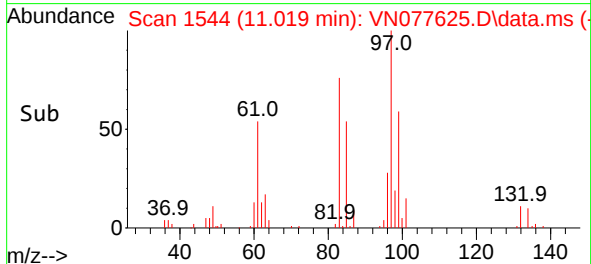
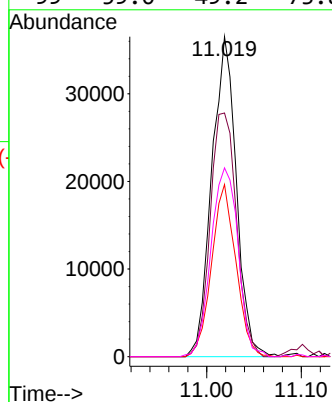
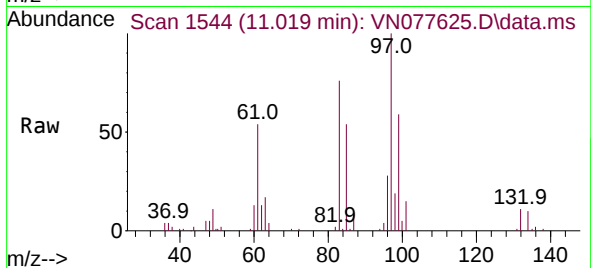
VSTDIC010

Tgt Ion: 97 Resp: 6598
Ion Ratio Lower Upper
97 100
83 76.1 65.1 97.7
85 53.8 43.4 65.2
99 59.0 49.2 73.8

Manual Integrations

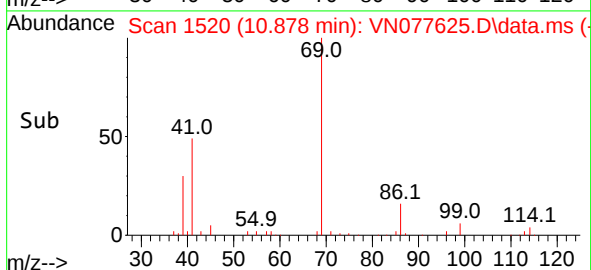
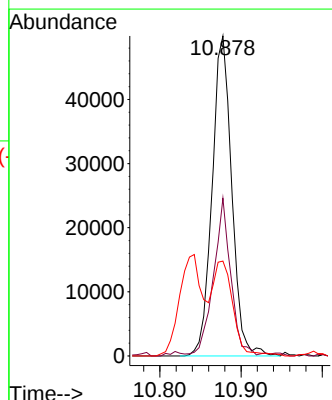
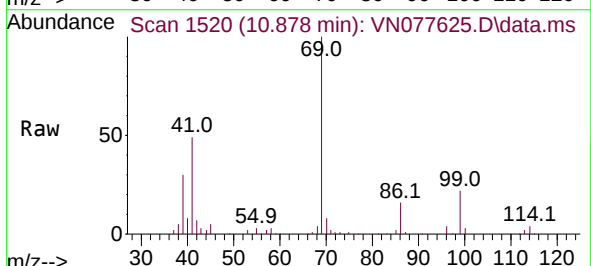
APPROVED

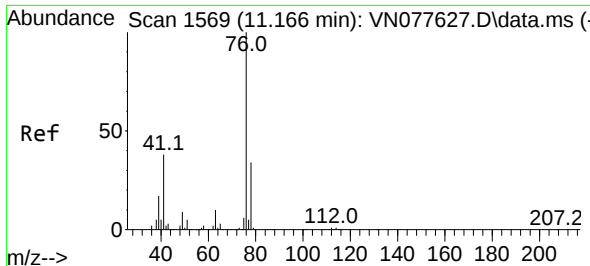
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#56
Ethyl methacrylate
Concen: 9.487 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion: 69 Resp: 83844
Ion Ratio Lower Upper
69 100
41 42.6 39.6 59.4
39 29.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 9.432 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 106250

Ion Ratio Lower Upper

76 100

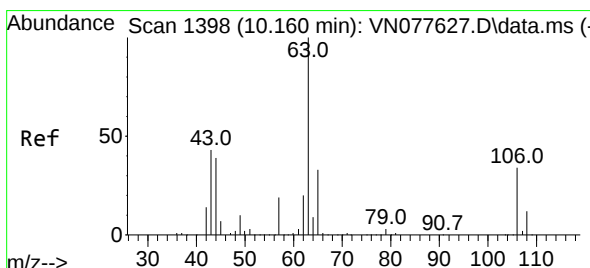
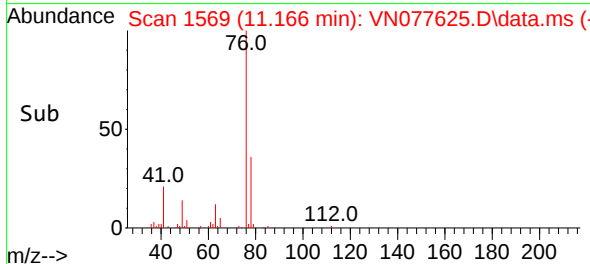
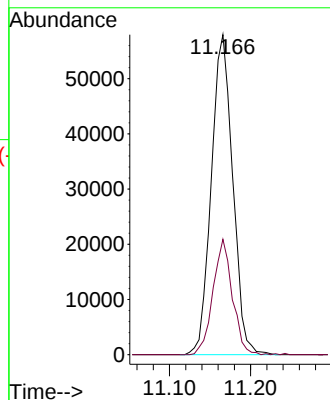
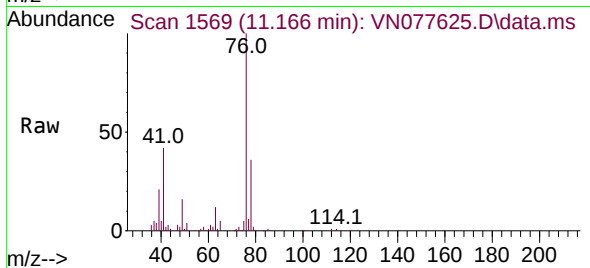
78 32.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 52.294 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN077625.D

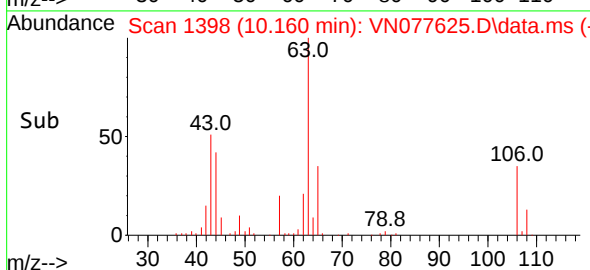
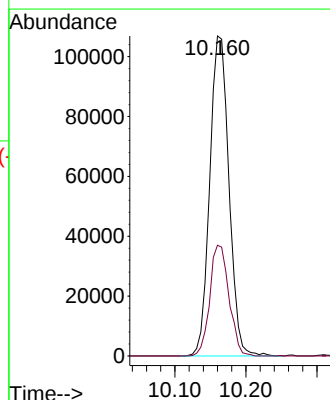
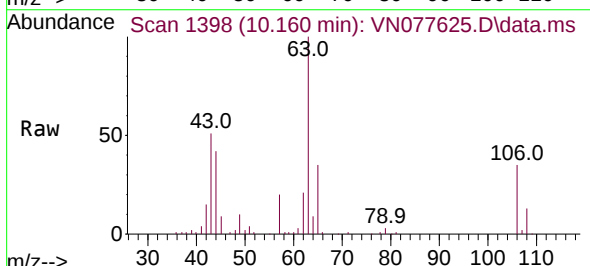
Acq: 09 May 2023 11:22

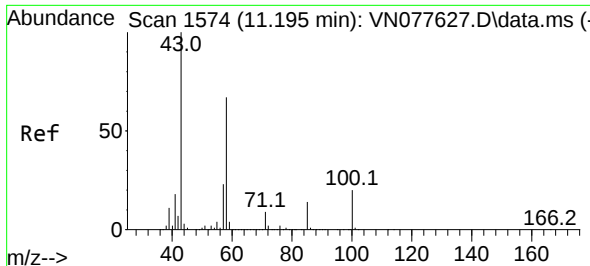
Tgt Ion: 63 Resp: 200486

Ion Ratio Lower Upper

63 100

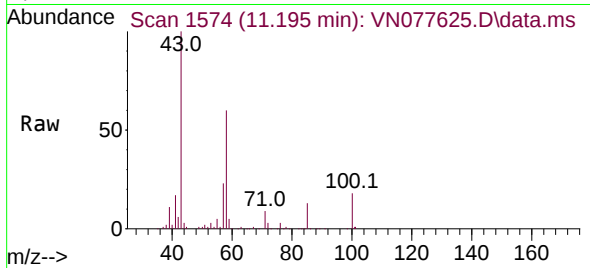
106 34.6 26.2 39.4





#59
2-Hexanone
Concen: 47.588 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

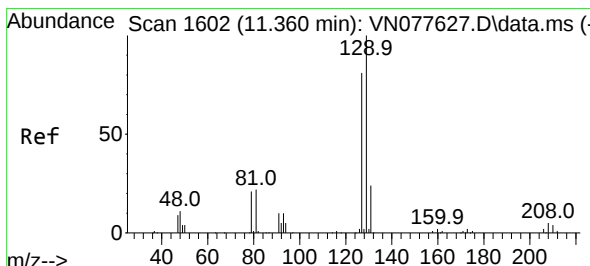
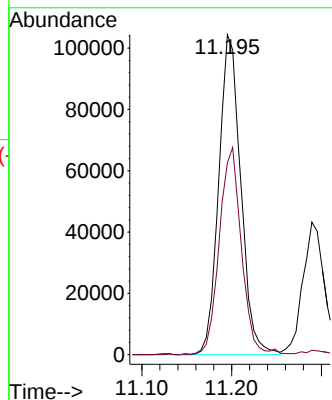
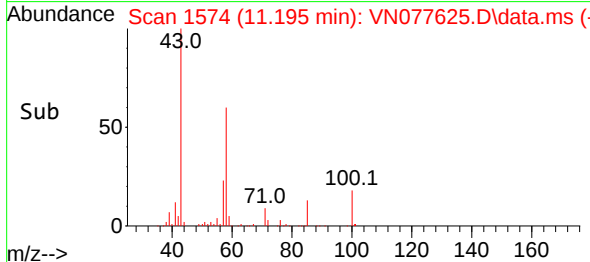
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 17818
Ion Ratio Lower Upper
43 100
58 64.8 31.7 95.1

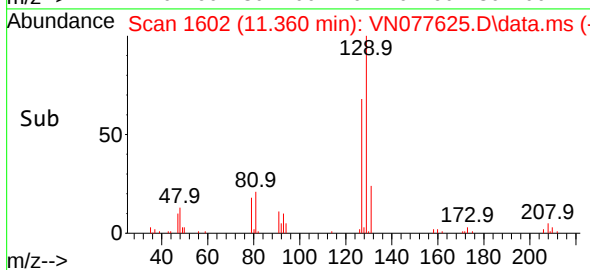
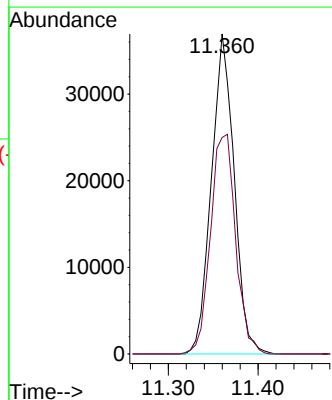
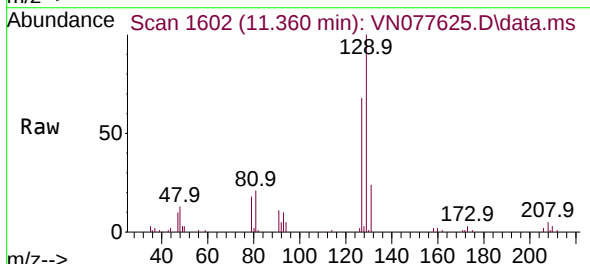
Manual Integrations
APPROVED

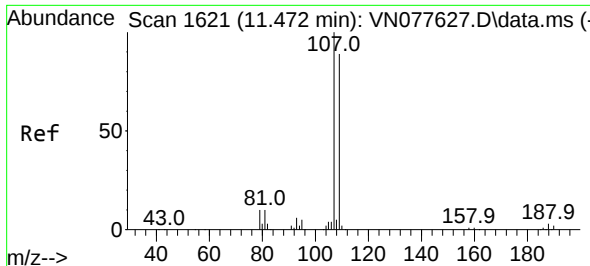
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#60
Dibromochloromethane
Concen: 9.352 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

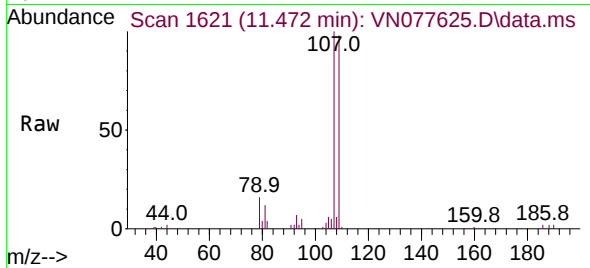
Tgt Ion:129 Resp: 65061
Ion Ratio Lower Upper
129 100
127 75.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 9.360 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

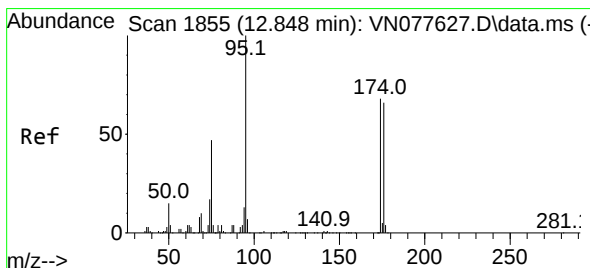
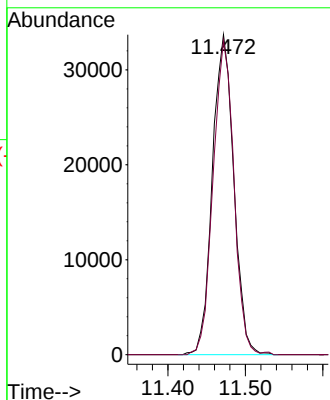
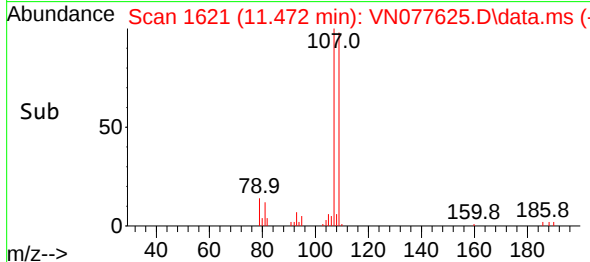
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



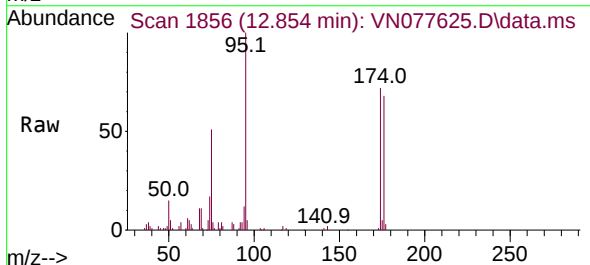
Tgt Ion:107 Resp: 64490
Ion Ratio Lower Upper
107 100
109 95.5 76.6 114.8

Manual Integrations
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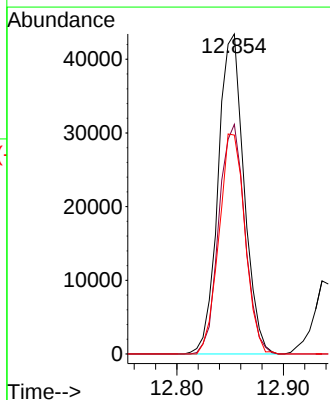
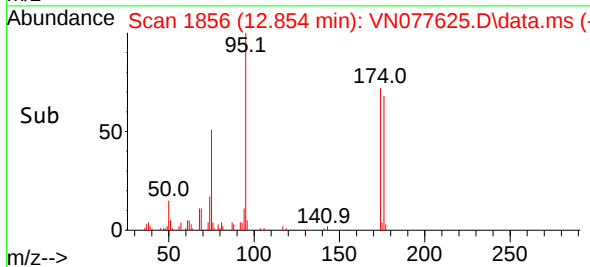
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

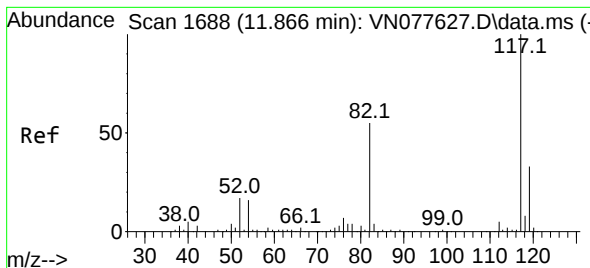


#62
4-Bromofluorobenzene
Concen: 8.783 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22



Tgt Ion: 95 Resp: 73201
Ion Ratio Lower Upper
95 100
174 72.2 0.0 143.8
176 69.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:117 Resp: 92684

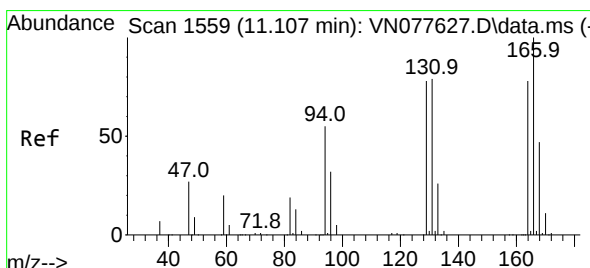
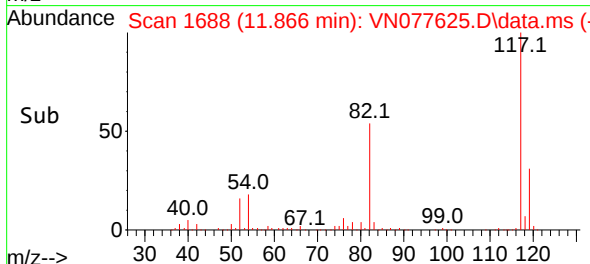
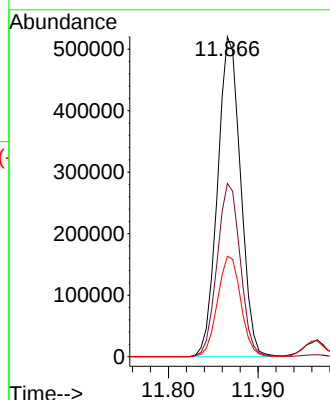
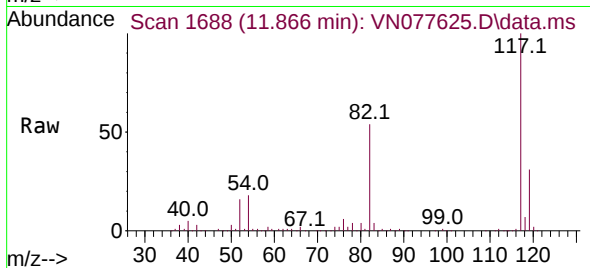
Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.0	66.0
119	31.4	25.6	38.4

Manual Integrations

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Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#64

Tetrachloroethene

Concen: 9.888 ug/l

RT: 11.107 min Scan# 1559

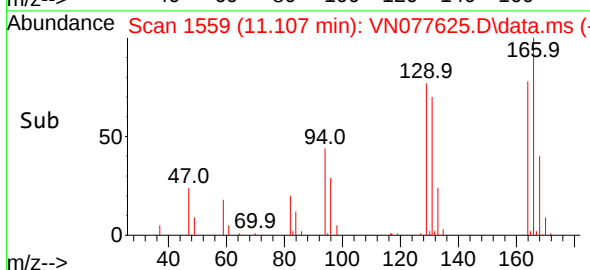
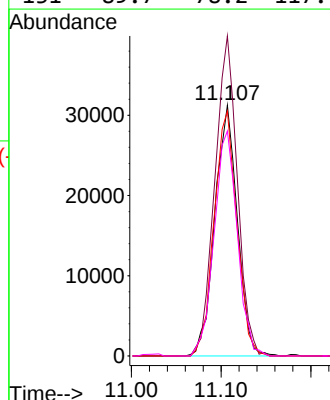
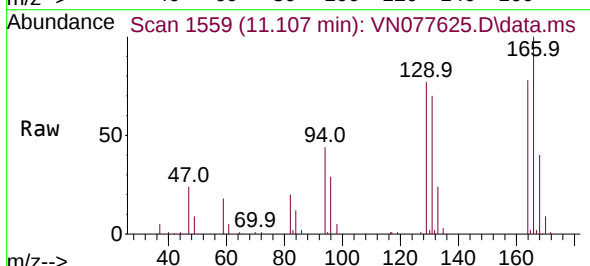
Delta R.T. 0.000 min

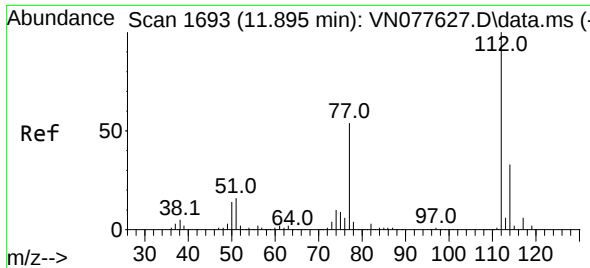
Lab File: VN077625.D

Acq: 09 May 2023 11:22

Tgt Ion:164 Resp: 54544

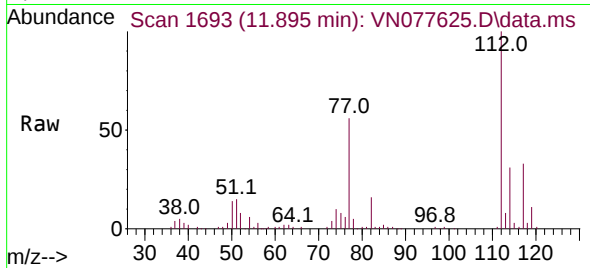
Ion	Ratio	Lower	Upper
164	100		
166	127.6	101.4	152.0
129	97.7	82.4	123.6
131	89.7	78.2	117.4





#65
Chlorobenzene
Concen: 9.572 ug/l
RT: 11.895 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

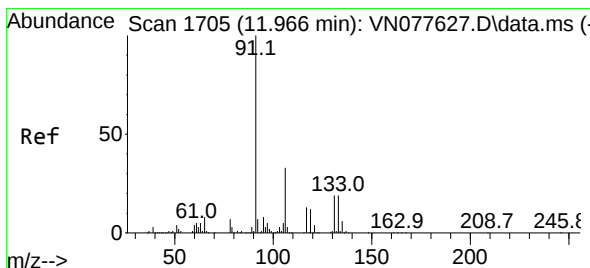
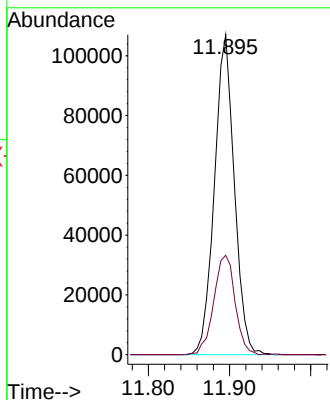
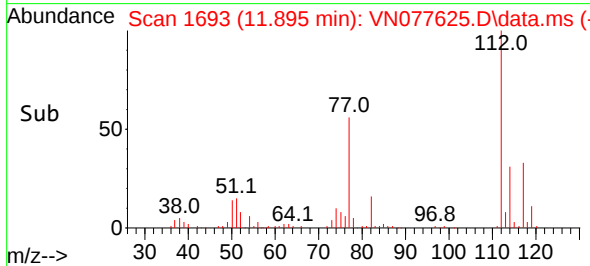
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



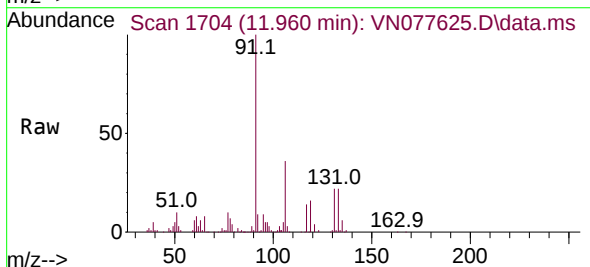
Tgt Ion:112 Resp: 182359
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

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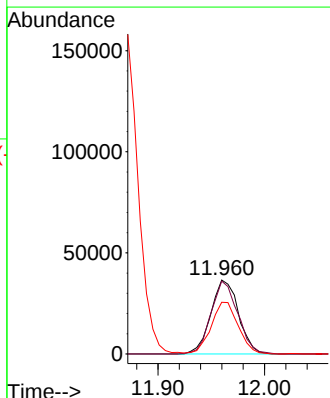
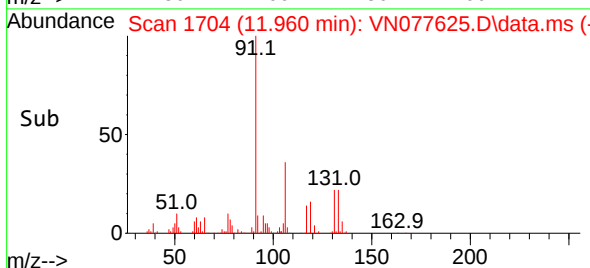
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

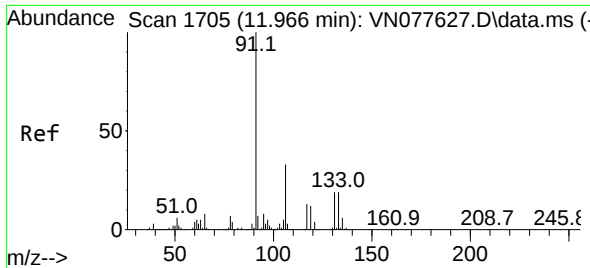


#66
1,1,1,2-Tetrachloroethane
Concen: 9.571 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22



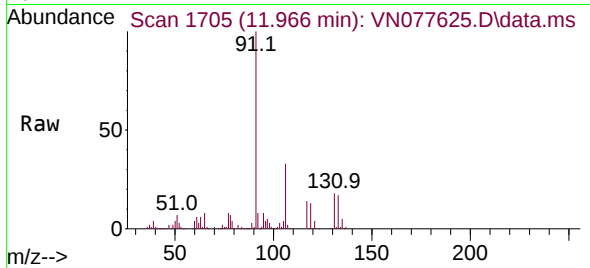
Tgt Ion:131 Resp: 65696
Ion Ratio Lower Upper
131 100
133 96.0 46.4 139.1
119 68.7 34.1 102.2





#67
Ethyl Benzene
Concen: 9.545 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

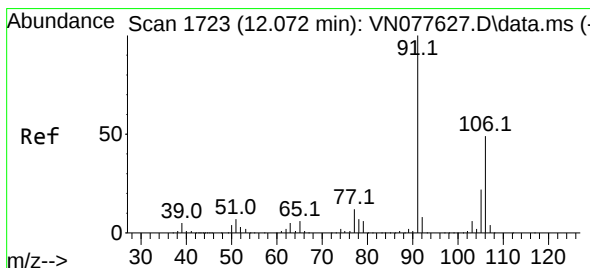
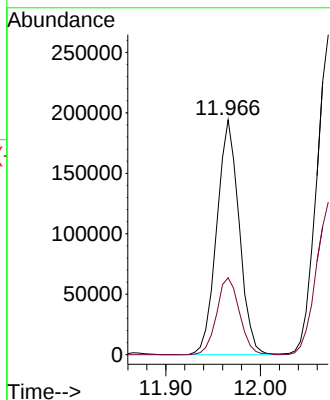
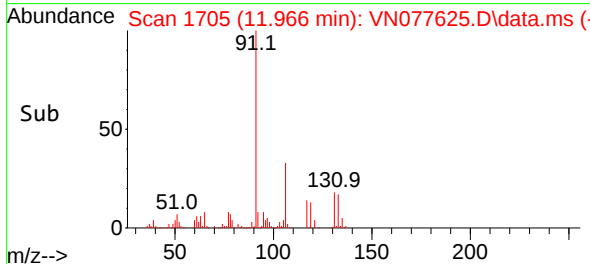
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



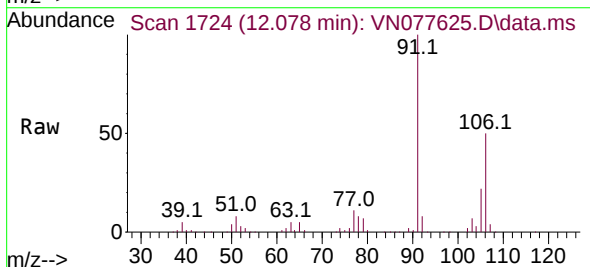
Tgt Ion: 91 Resp: 319249
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4

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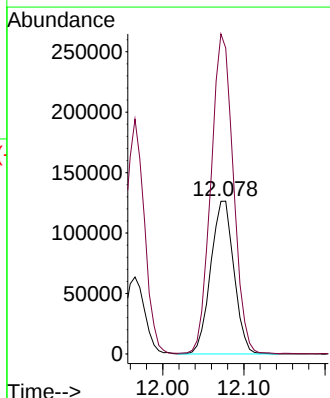
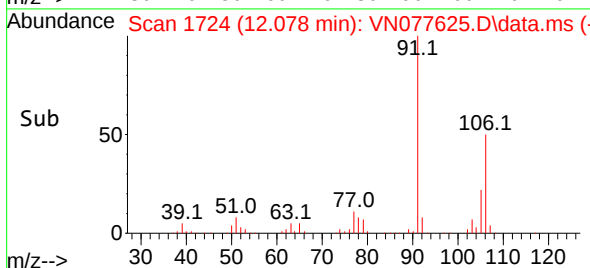
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

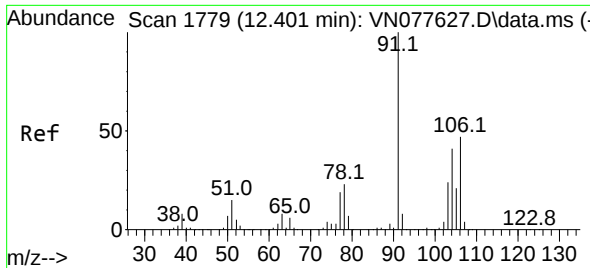


#68
m/p-Xylenes
Concen: 19.006 ug/l
RT: 12.078 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22



Tgt Ion:106 Resp: 251694
Ion Ratio Lower Upper
106 100
91 201.6 159.6 239.4





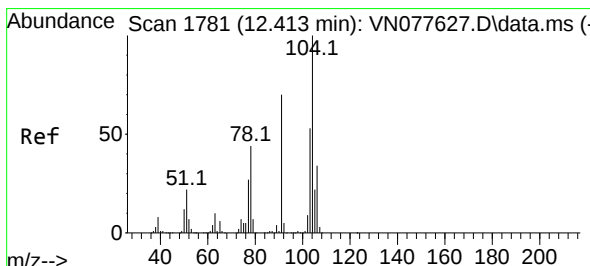
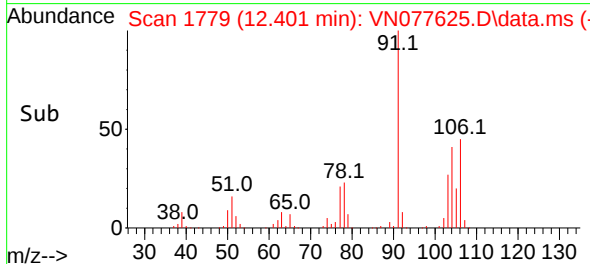
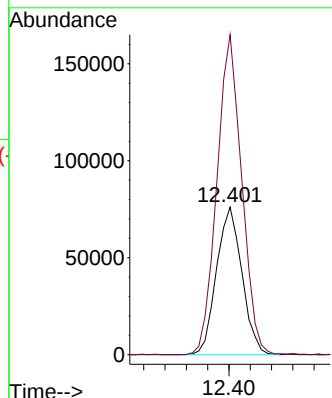
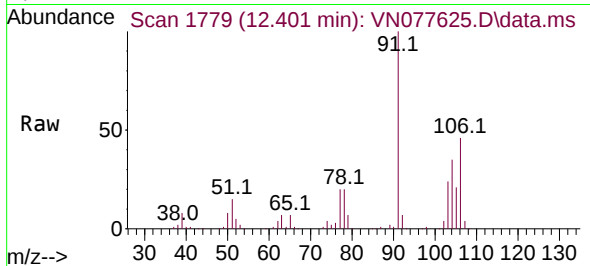
#69
o-Xylene
Concen: 9.465 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 125632
Ion Ratio Lower Upper
106 100
91 212.8 105.2 315.5

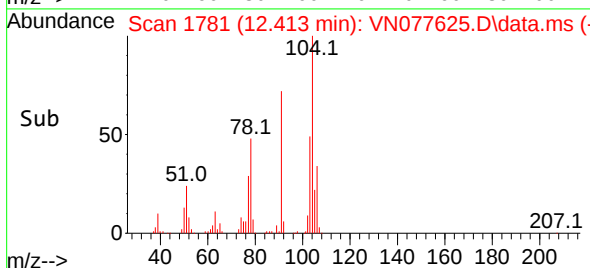
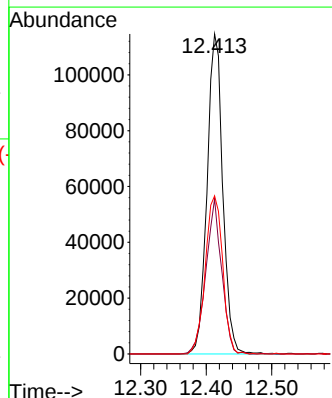
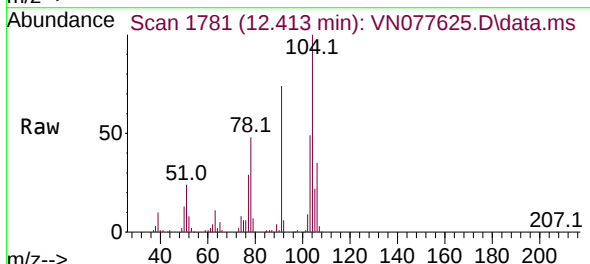
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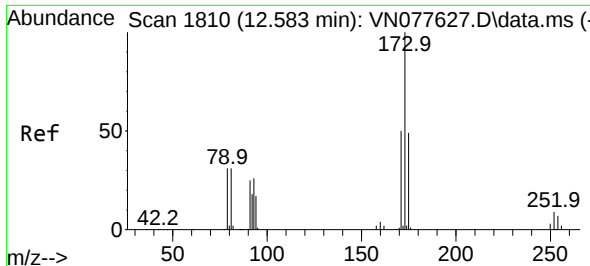
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#70
Styrene
Concen: 9.401 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

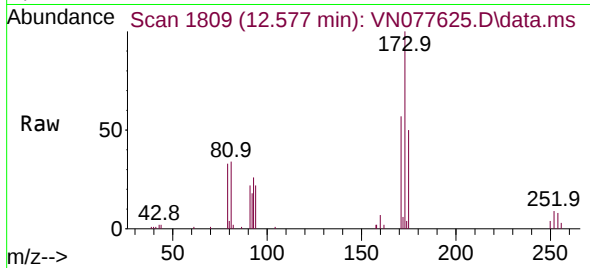
Tgt Ion:104 Resp: 191117
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 54.7 43.2 64.8





#71
Bromoform
Concen: 9.125 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

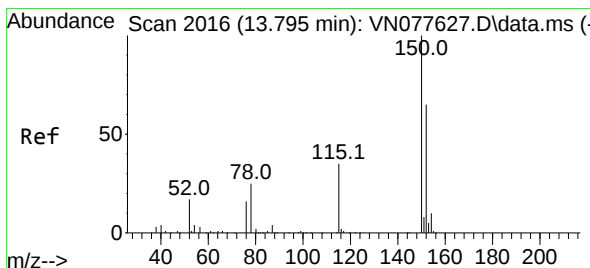
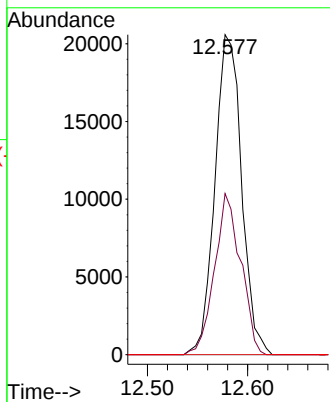
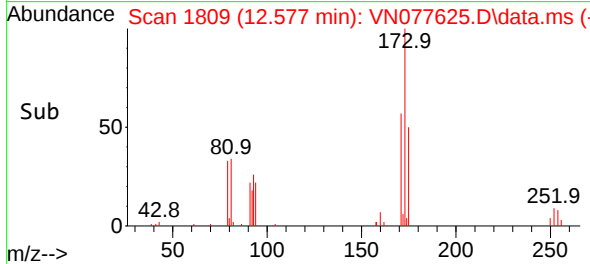
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



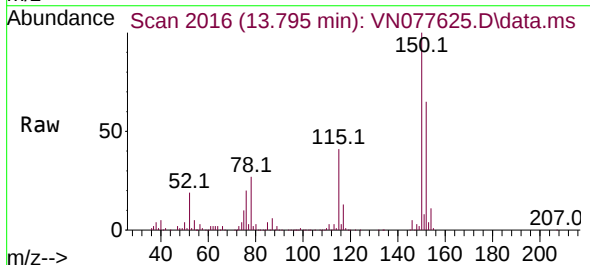
Tgt Ion:173 Resp: 3800
Ion Ratio Lower Upper
173 100
175 49.6 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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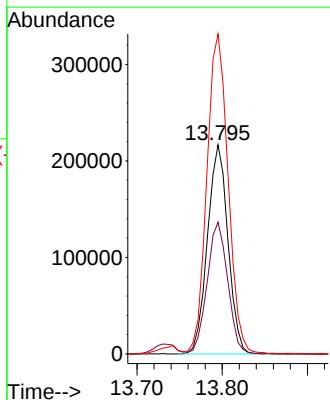
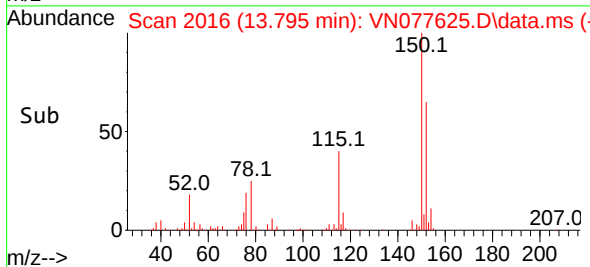
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

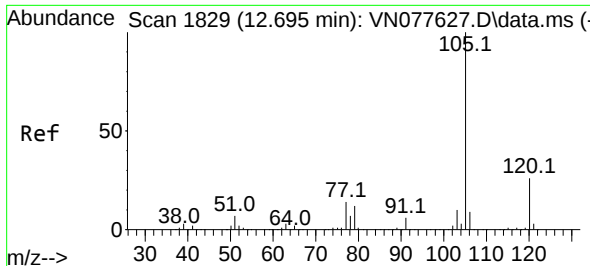


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22



Tgt Ion:152 Resp: 361784
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 158.6 0.0 355.8





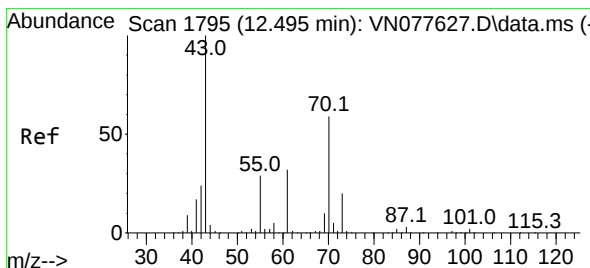
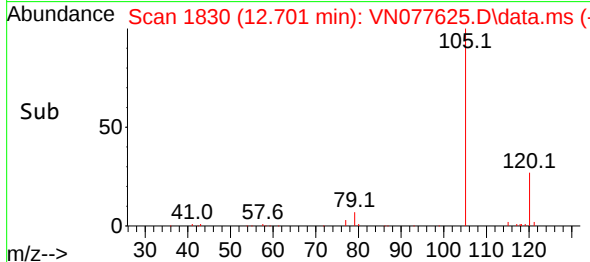
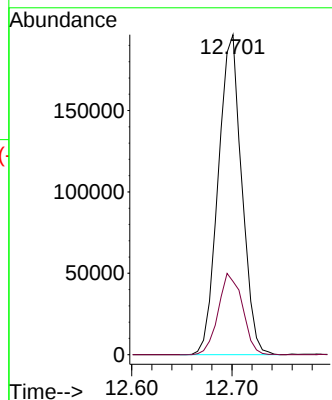
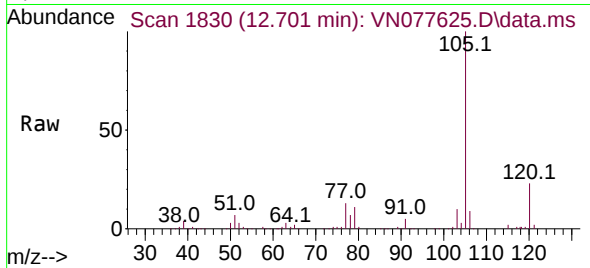
#73
Isopropylbenzene
Concen: 9.898 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:105 Resp: 319454
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

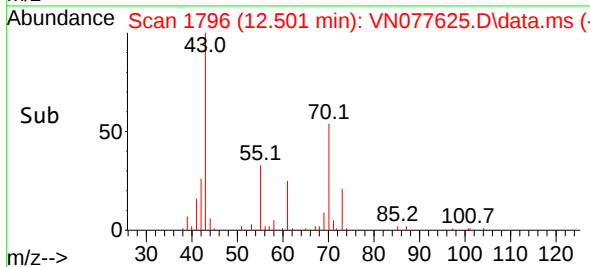
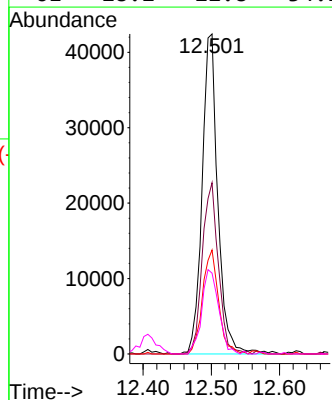
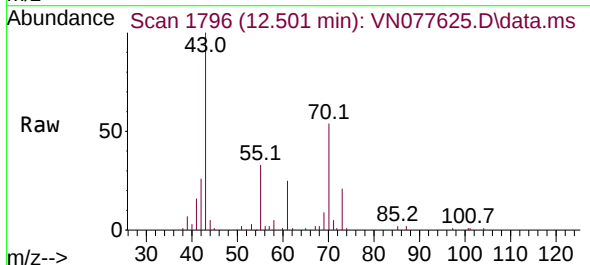
Manual Integrations
APPROVED

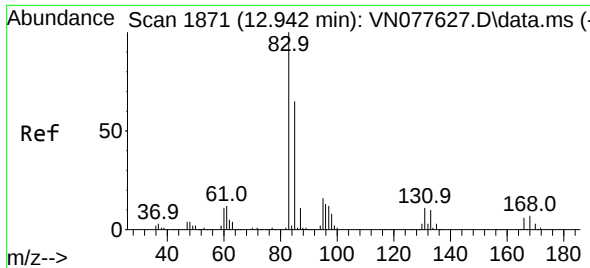
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#74
N-ethyl acetate
Concen: 9.596 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion: 43 Resp: 68347
Ion Ratio Lower Upper
43 100
70 54.5 43.4 65.2
55 33.2 21.4 32.0#
61 28.2 22.8 34.2





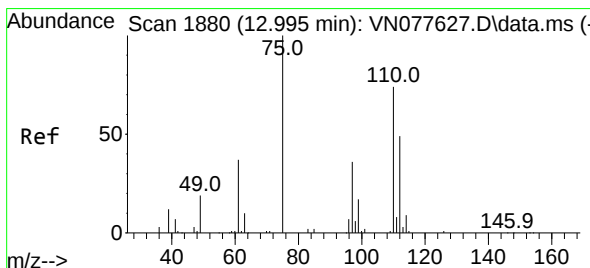
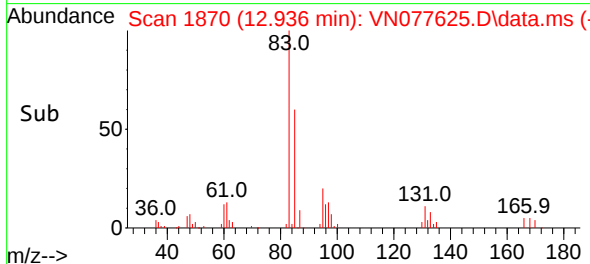
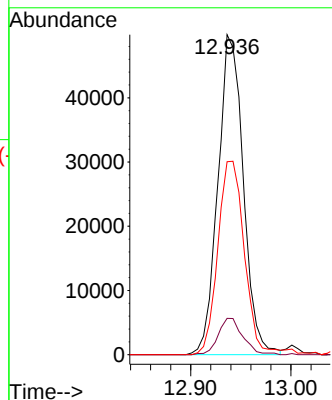
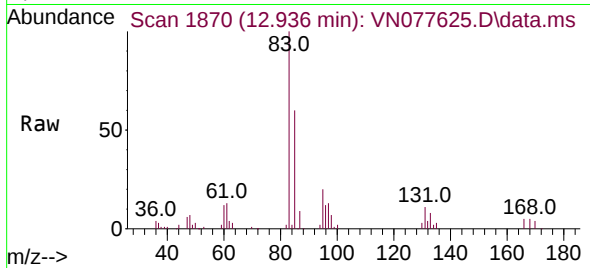
#75
1,1,2,2-Tetrachloroethane
Concen: 9.877 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 8763
Ion Ratio Lower Upper
83 100
131 11.0 5.0 15.0
85 64.0 31.9 95.7

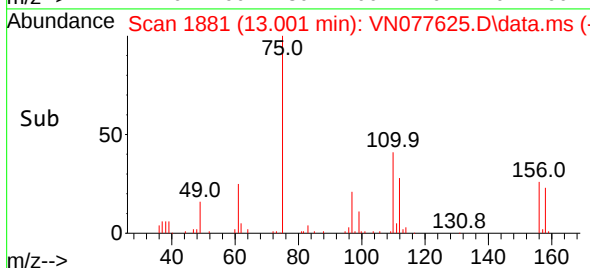
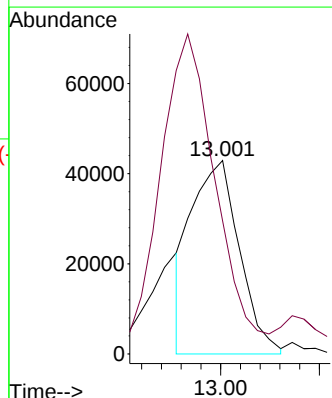
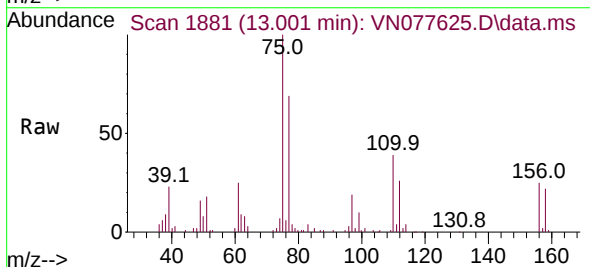
Manual Integrations
APPROVED

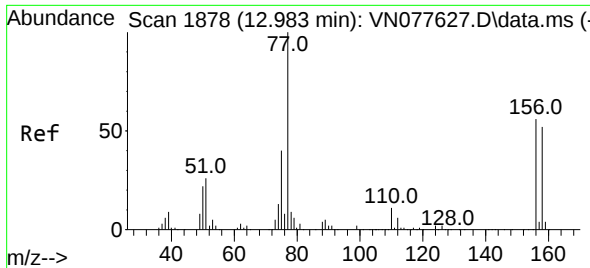
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#76
1,2,3-Trichloropropane
Concen: 10.181 ug/l m
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

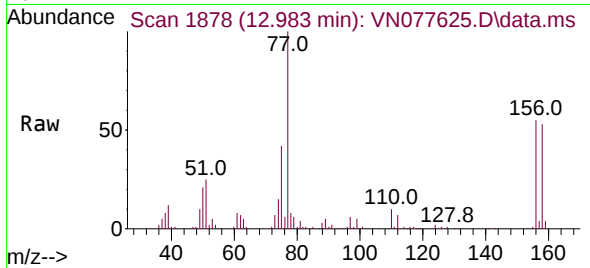
Tgt Ion: 75 Resp: 72545
Ion Ratio Lower Upper
75 100
77 192.9 84.5 253.5





#77
Bromobenzene
Concen: 9.354 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

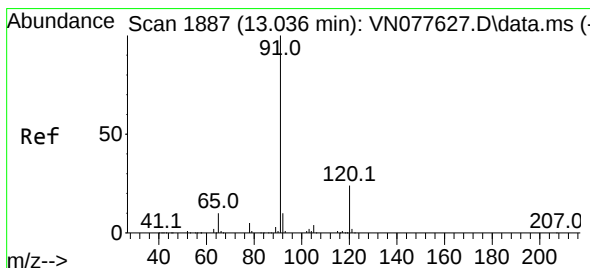
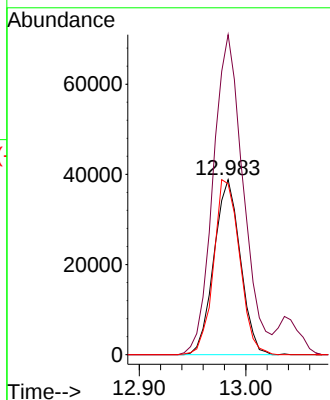
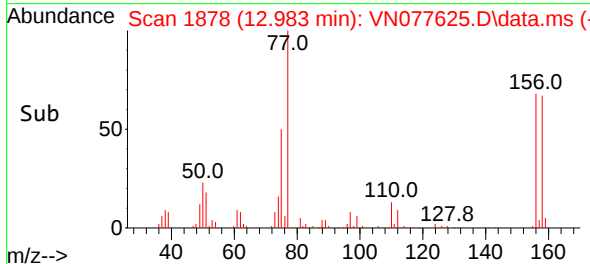
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



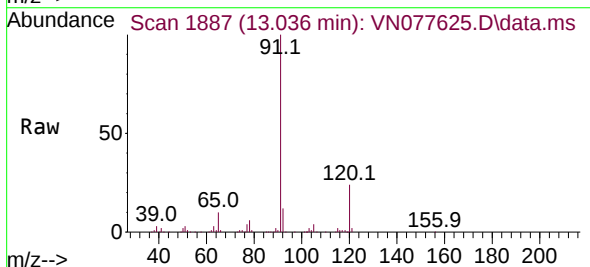
Tgt Ion:156 Resp: 66850
Ion Ratio Lower Upper
156 100
77 209.4 107.7 323.3
158 98.2 48.4 145.3

Manual Integrations
APPROVED

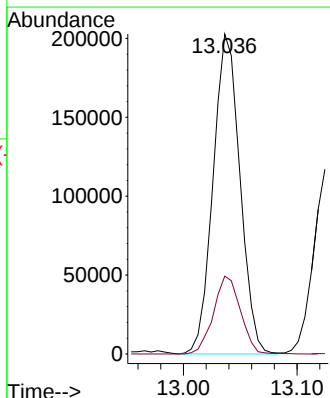
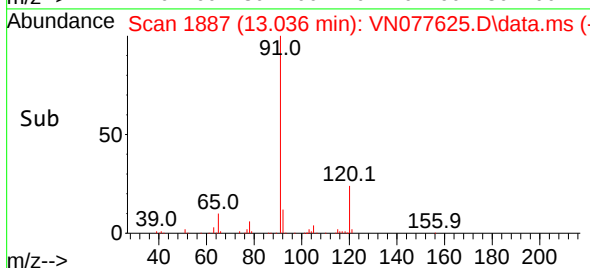
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

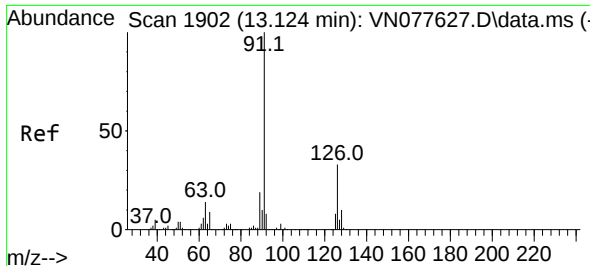


#78
n-propylbenzene
Concen: 9.625 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22



Tgt Ion: 91 Resp: 333443
Ion Ratio Lower Upper
91 100
120 24.4 11.5 34.4





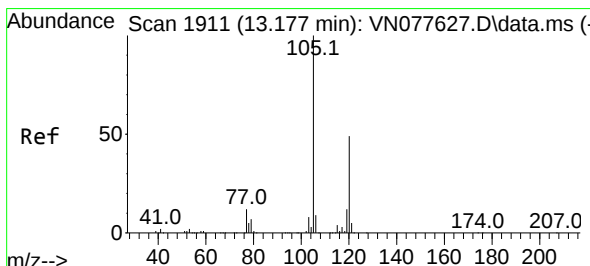
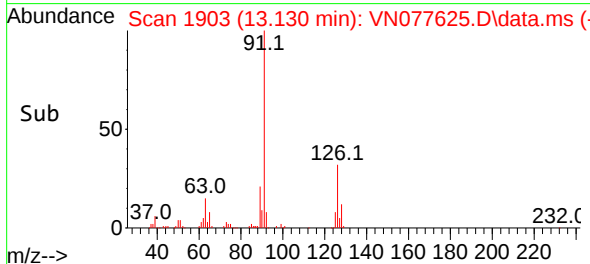
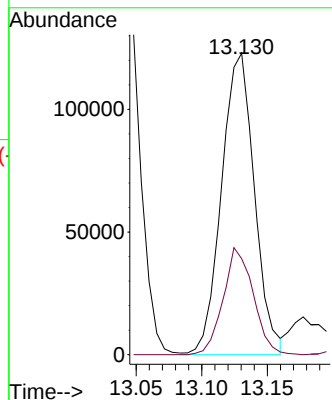
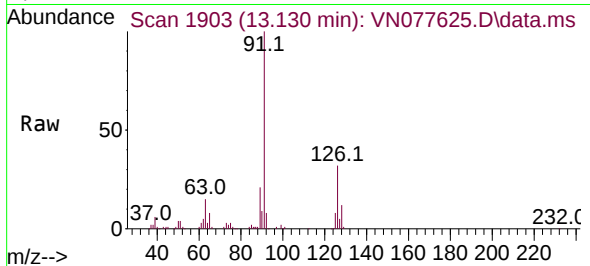
#79
2-Chlorotoluene
Concen: 9.718 ug/l
RT: 13.130 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 214430
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

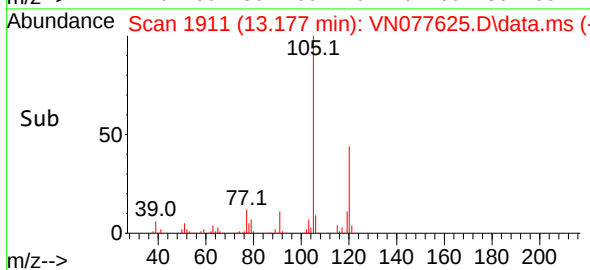
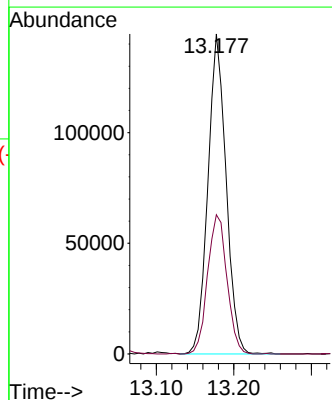
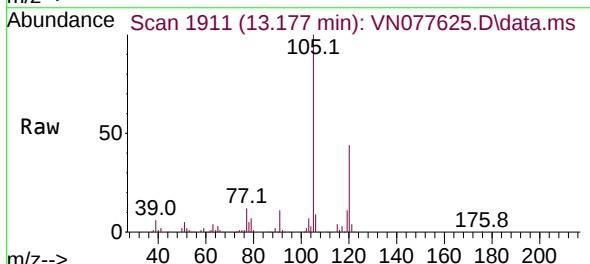
Manual Integrations
APPROVED

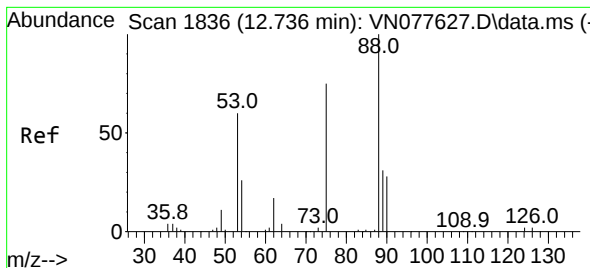
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#80
1,3,5-Trimethylbenzene
Concen: 9.519 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion:105 Resp: 235040
Ion Ratio Lower Upper
105 100
120 46.3 24.1 72.3





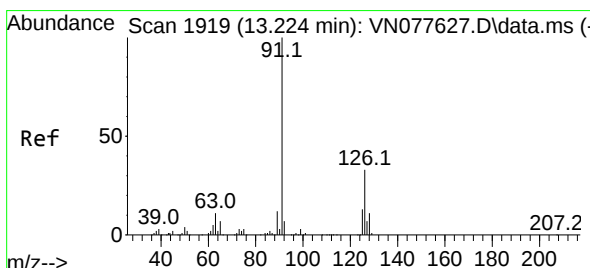
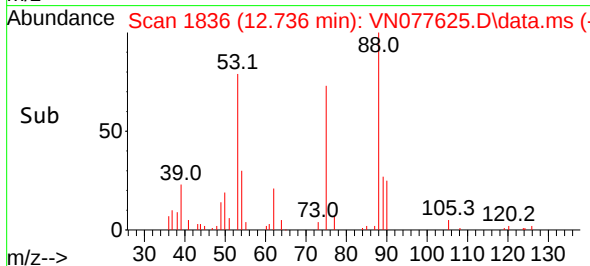
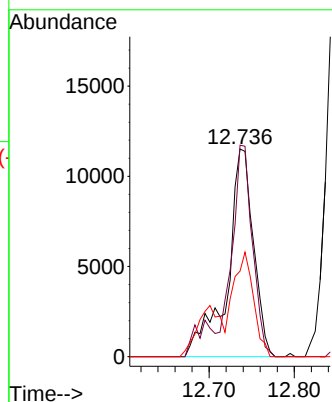
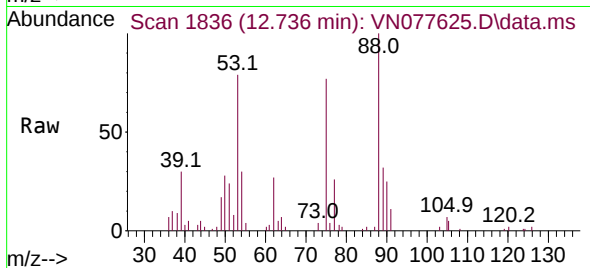
#81
trans-1,4-Dichloro-2-butene
Concen: 10.465 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 2453
Ion Ratio Lower Upper
75 100
53 80.0 67.4 101.2
89 39.0 38.8 58.2

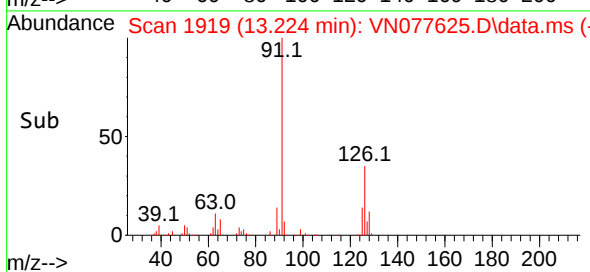
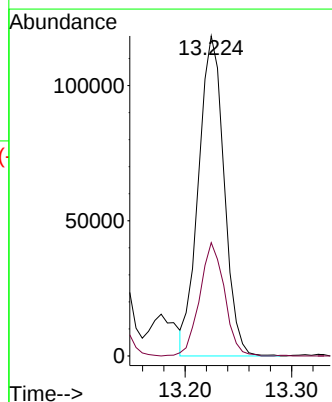
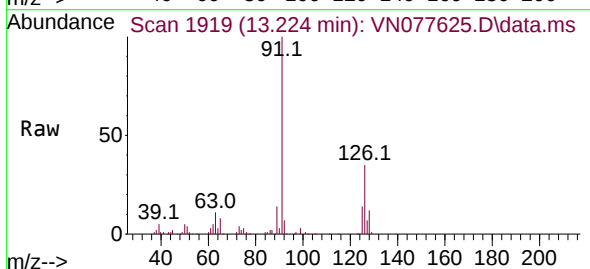
Manual Integrations
APPROVED

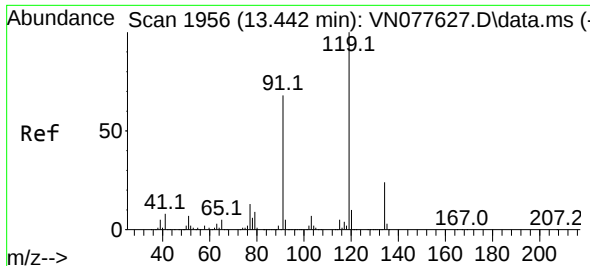
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#82
4-Chlorotoluene
Concen: 9.567 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion: 91 Resp: 197973
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0





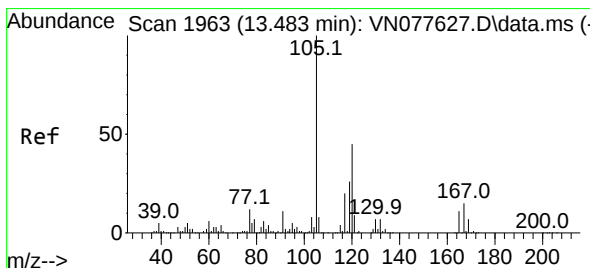
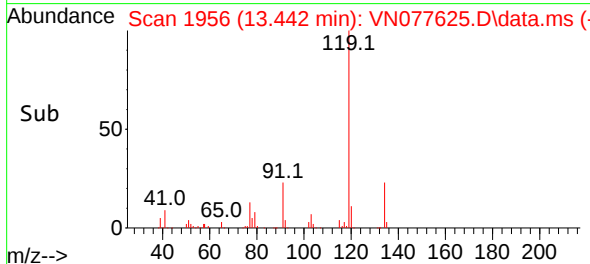
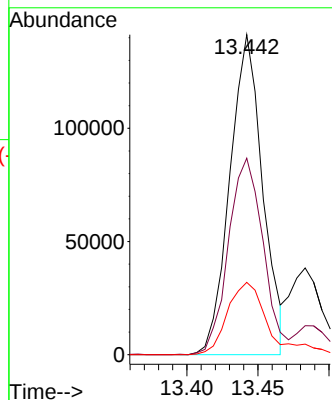
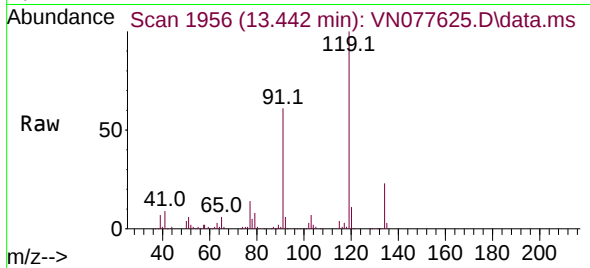
#83
tert-Butylbenzene
Concen: 9.807 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:119 Resp: 22753
Ion Ratio Lower Upper
119 100
91 65.3 33.9 101.7
134 27.9 13.2 39.6

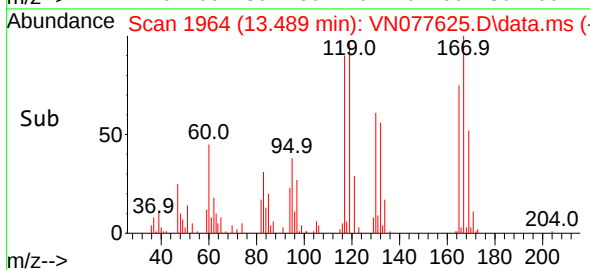
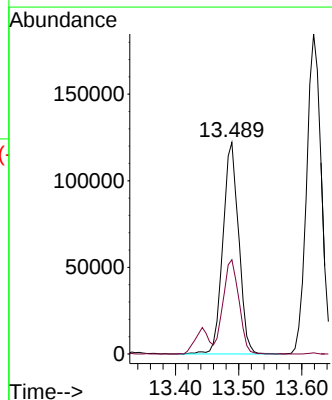
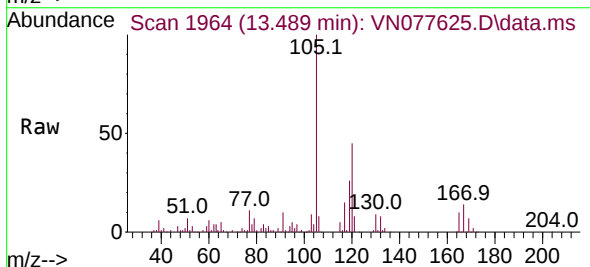
Manual Integrations
APPROVED

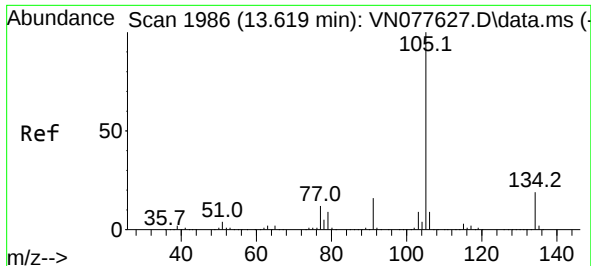
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#84
1,2,4-Trimethylbenzene
Concen: 9.149 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion:105 Resp: 212300
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





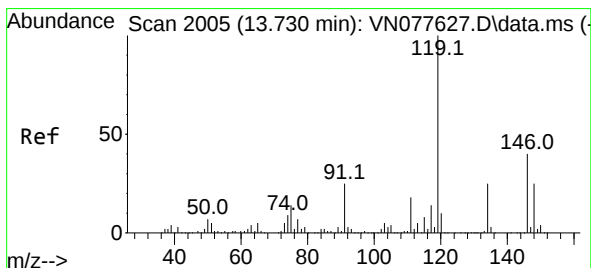
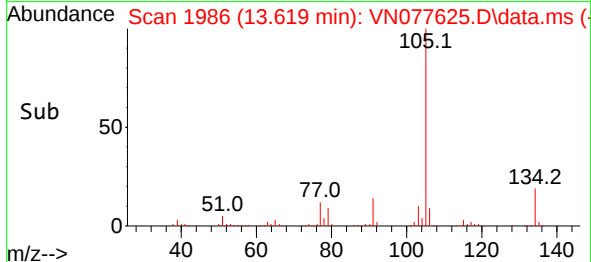
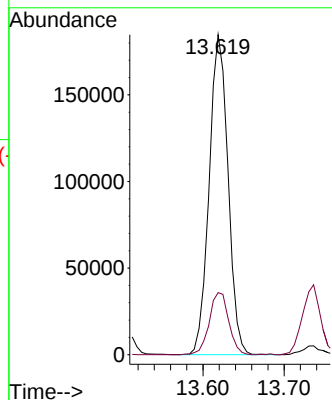
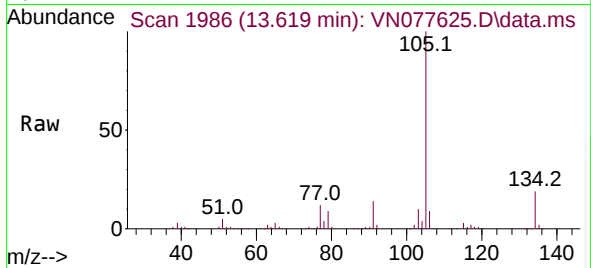
#85
 sec-Butylbenzene
 Concen: 9.532 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077625.D
 Acq: 09 May 2023 11:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Tgt Ion:105 Resp: 297715
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

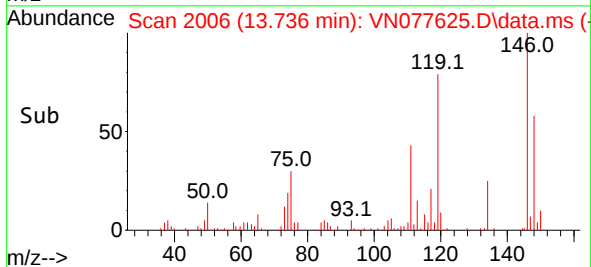
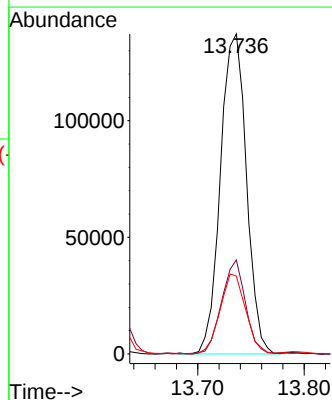
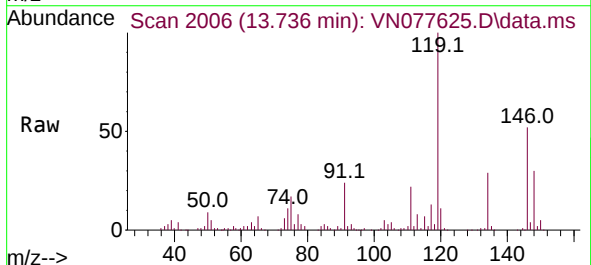
Manual Integrations
 APPROVED

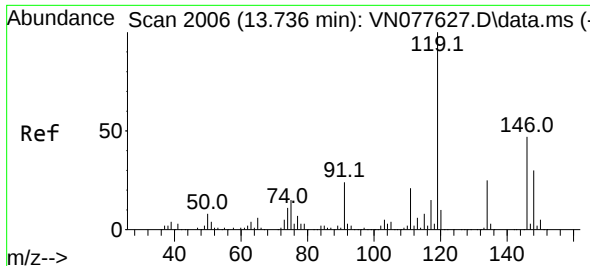
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#86
 p-Isopropyltoluene
 Concen: 9.525 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077625.D
 Acq: 09 May 2023 11:22

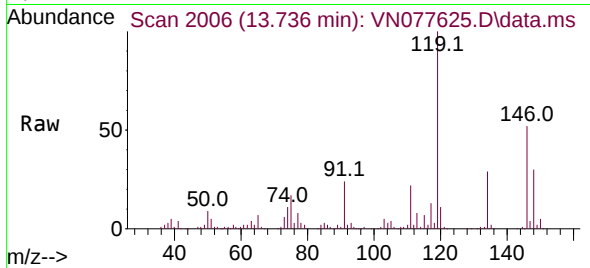
Tgt Ion:119 Resp: 232624
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.6 37.8
 91 24.7 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 9.352 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

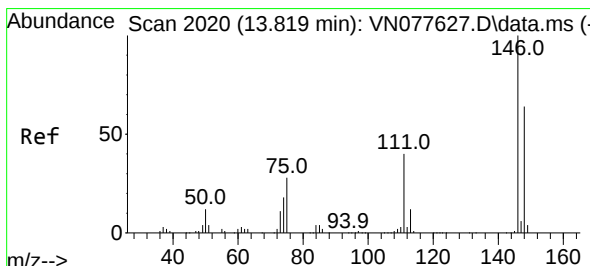
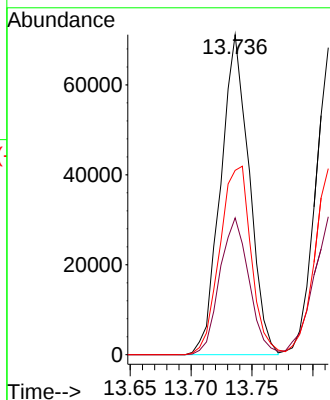
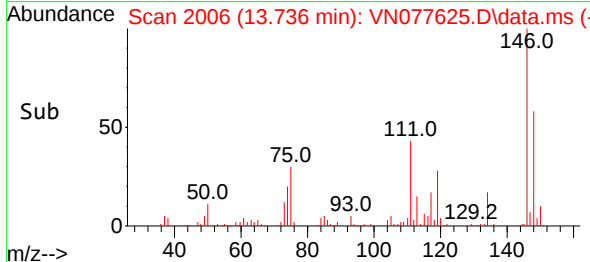
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:146 Resp: 11618
Ion Ratio Lower Upper
146 100
111 43.8 22.1 66.3
148 64.9 32.0 96.0

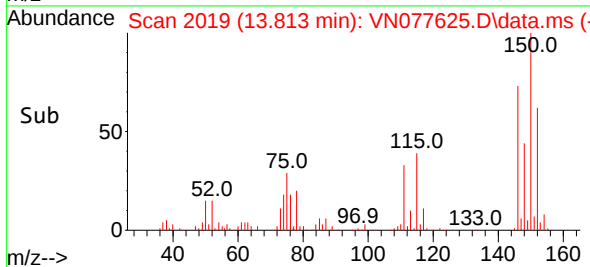
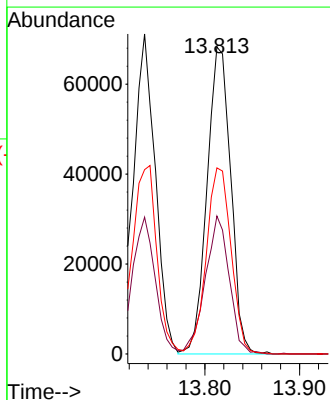
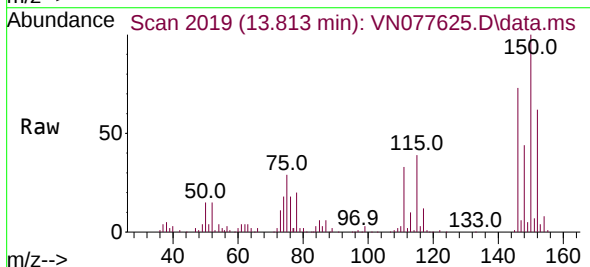
Manual Integrations
APPROVED

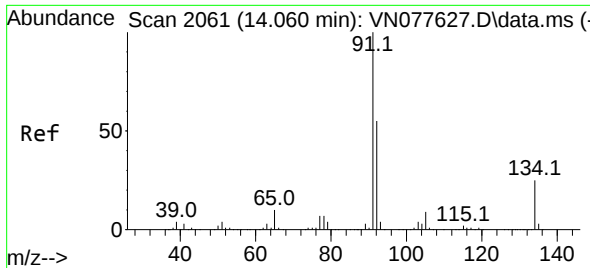
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#88
1,4-Dichlorobenzene
Concen: 9.649 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

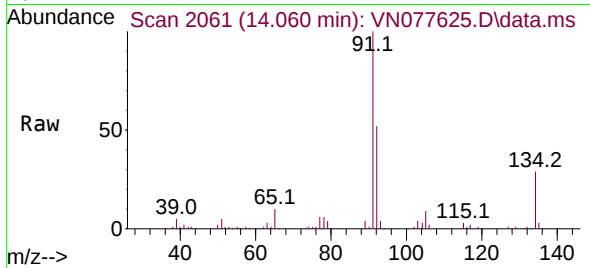
Tgt Ion:146 Resp: 119168
Ion Ratio Lower Upper
146 100
111 45.5 20.6 61.8
148 63.5 31.6 94.8





#89
n-Butylbenzene
Concen: 8.469 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

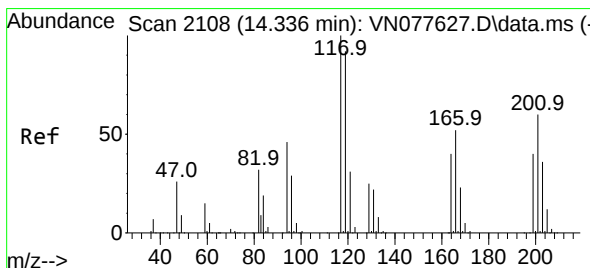
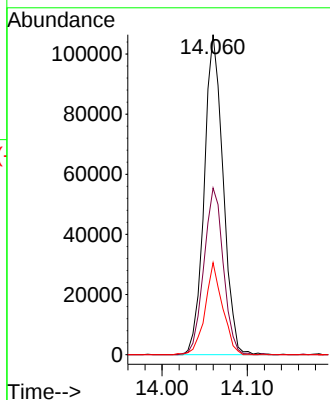
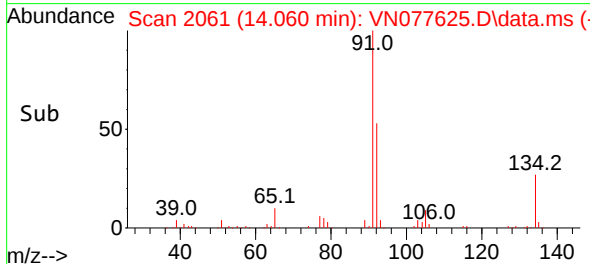
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 163914
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 26.5 12.6 37.6

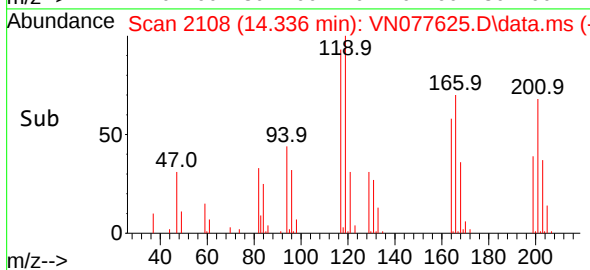
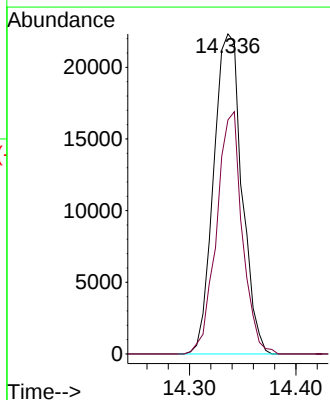
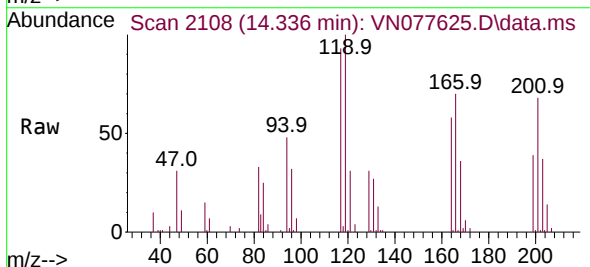
Manual Integrations
APPROVED

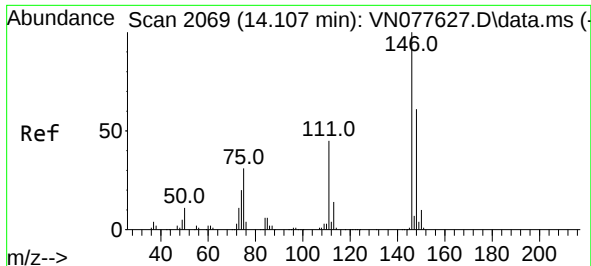
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#90
Hexachloroethane
Concen: 8.793 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

Tgt Ion:117 Resp: 41183
Ion Ratio Lower Upper
117 100
201 69.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 9.793 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 120960

Ion Ratio Lower Upper

146 100

111 44.5 22.0 66.0

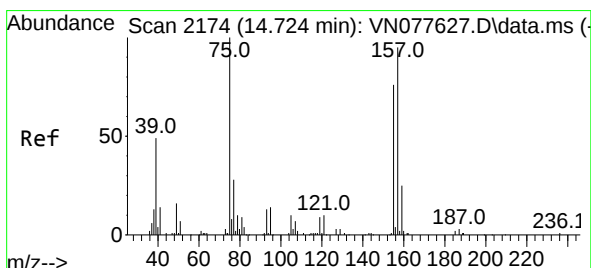
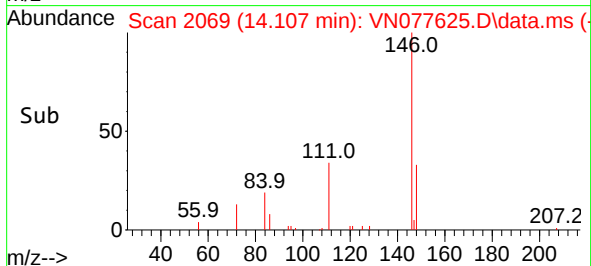
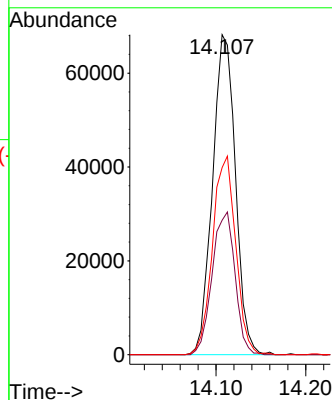
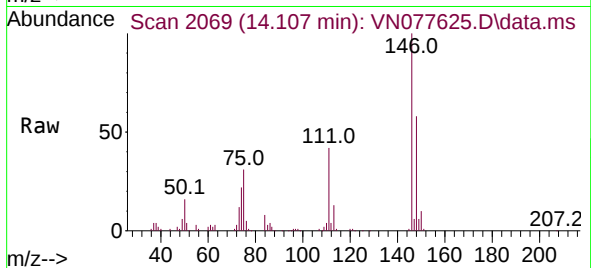
148 62.9 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 9.099 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

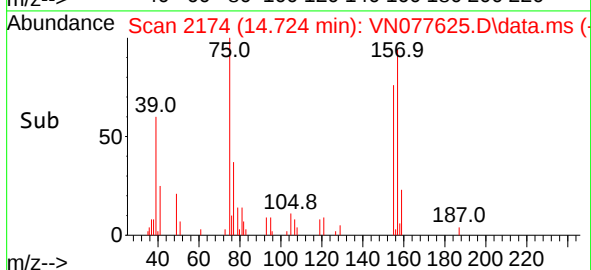
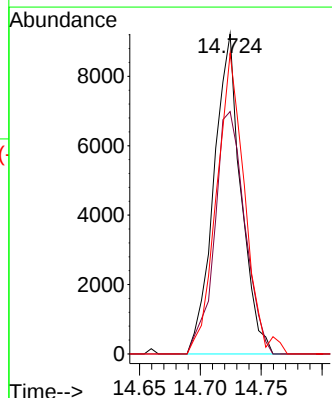
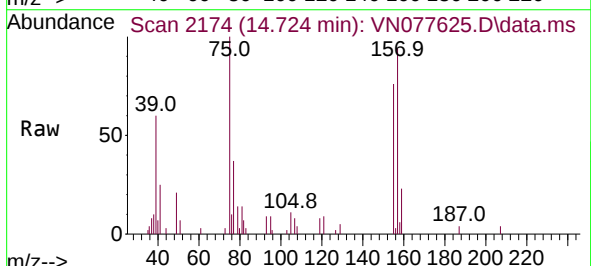
Tgt Ion: 75 Resp: 14287

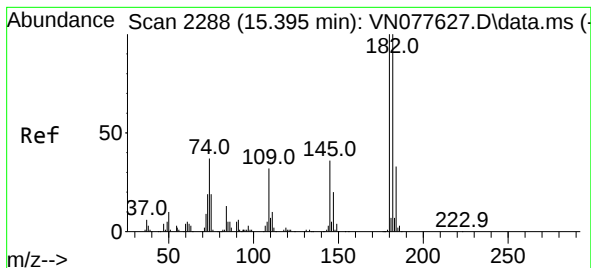
Ion Ratio Lower Upper

75 100

155 84.3 39.1 117.2

157 97.4 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 9.118 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

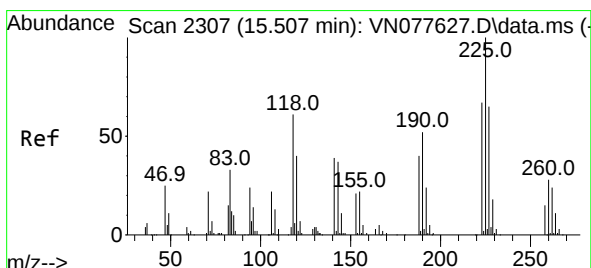
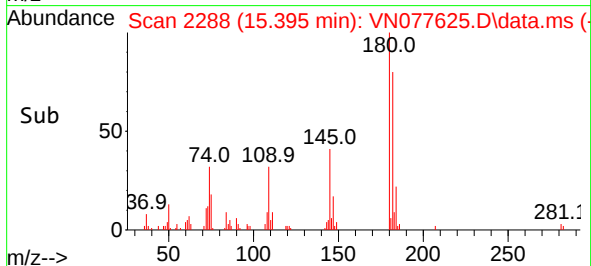
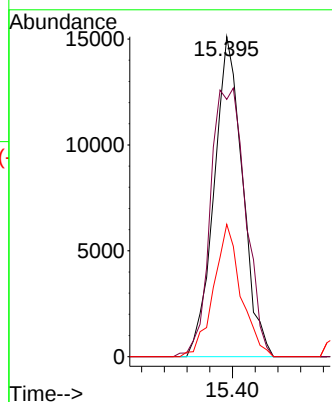
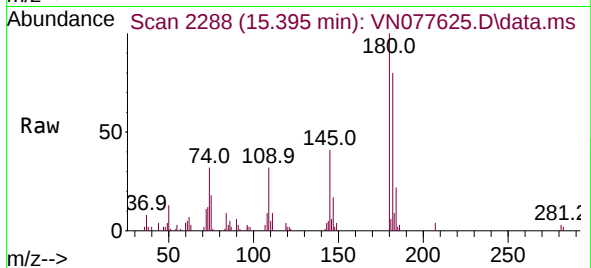
Tgt Ion:	180	Resp:	26350
Ion Ratio	Lower	Upper	
180	100		
182	102.9	46.1	138.2
145	39.8	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#94

Hexachlorobutadiene

Concen: 8.928 ug/l

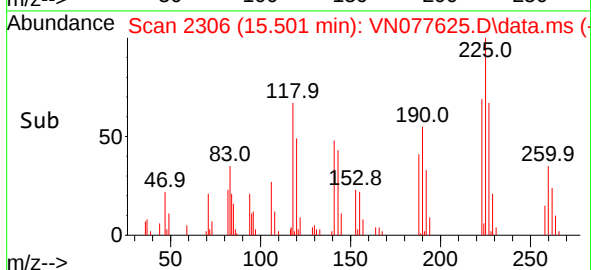
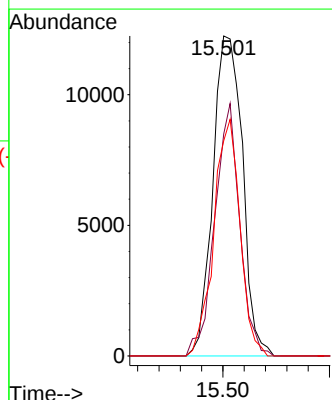
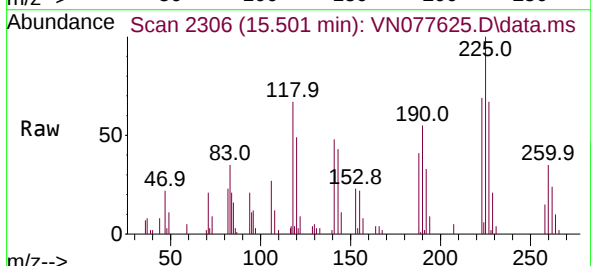
RT: 15.501 min Scan# 2306

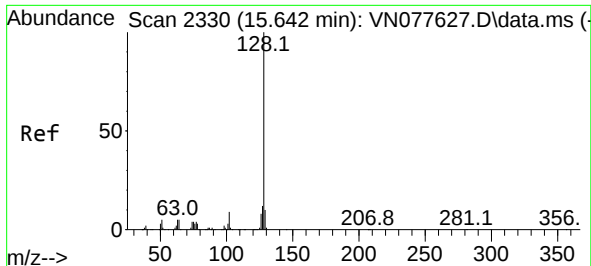
Delta R.T. -0.006 min

Lab File: VN077625.D

Acq: 09 May 2023 11:22

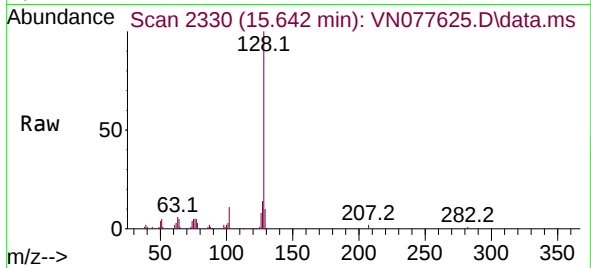
Tgt Ion:	225	Resp:	23562
Ion Ratio	Lower	Upper	
225	100		
223	66.8	31.3	93.8
227	65.5	31.9	95.9





#95
Naphthalene
Concen: 8.829 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22

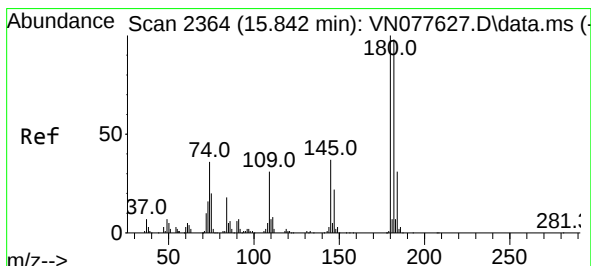
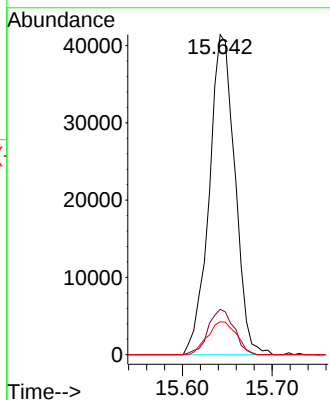
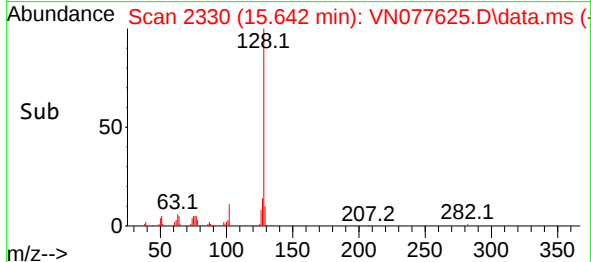
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



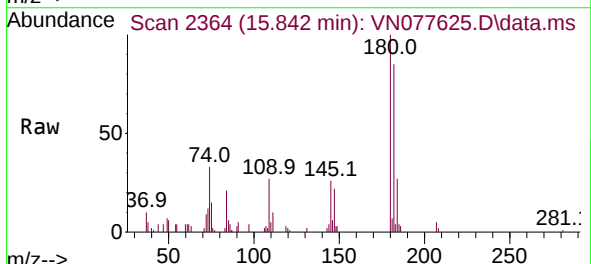
Tgt Ion:128 Resp: 8251
Ion Ratio Lower Upper
128 100
127 14.2 10.0 15.0
129 11.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.397 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN077625.D
Acq: 09 May 2023 11:22



Tgt Ion:180 Resp: 26443
Ion Ratio Lower Upper
180 100
182 90.1 46.2 138.6
145 38.4 17.5 52.6

