

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050923\
 Data File : VN077627.D
 Acq On : 09 May 2023 12:10
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: May 09 13:27:49 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)

Internal Standards						
1) Pentafluorobenzene	8.231	168	628305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1137636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1046492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	452259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	386483	48.502	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.000%		
35) Dibromofluoromethane	8.172	113	344497	48.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.100%		
50) Toluene-d8	10.572	98	1353853	50.399	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.800%		
62) 4-Bromofluorobenzene	12.848	95	479387	52.764	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.137	85	374705	53.352	ug/l	98
3) Chloromethane	2.372	50	278739	51.061	ug/l	100
4) Vinyl Chloride	2.525	62	403093	48.111	ug/l	98
5) Bromomethane	2.954	94	296969	44.644	ug/l	90
6) Chloroethane	3.125	64	262118	45.118	ug/l	99
7) Trichlorofluoromethane	3.502	101	699841	53.289	ug/l	96
8) Diethyl Ether	3.966	74	189346	49.041	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.384	101	325470	49.597	ug/l	99
10) Methyl Iodide	4.596	142	508560	52.495	ug/l	97
11) Tert butyl alcohol	5.531	59	233433	249.029	ug/l #	86
12) 1,1-Dichloroethene	4.354	96	311749	49.995	ug/l	92
13) Acrolein	4.184	56	211498	232.801	ug/l	96
14) Allyl chloride	5.031	41	300991	48.600	ug/l #	89
15) Acrylonitrile	5.725	53	571387	246.441	ug/l	99
16) Acetone	4.437	43	432349	227.810	ug/l	96
17) Carbon Disulfide	4.725	76	752966	50.215	ug/l	100
18) Methyl Acetate	5.031	43	353987	47.193	ug/l	95
19) Methyl tert-butyl Ether	5.807	73	1000787	48.775	ug/l	96
20) Methylene Chloride	5.284	84	357536	45.595	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	342222	48.521	ug/l	92
22) Diisopropyl ether	6.672	45	746591	48.832	ug/l	97
23) Vinyl Acetate	6.613	43	2345146m	268.798	ug/l	
24) 1,1-Dichloroethane	6.578	63	567293	48.947	ug/l	98
25) 2-Butanone	7.489	43	653443	236.264	ug/l	91
26) 2,2-Dichloropropane	7.495	77	538159	51.235	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	424998	49.535	ug/l	95
28) Bromochloromethane	7.825	49	193299	45.708	ug/l	85
29) Tetrahydrofuran	7.842	42	424808	250.046	ug/l	93
30) Chloroform	7.972	83	683795	49.782	ug/l	97
31) Cyclohexane	8.260	56	477875	46.927	ug/l	93
32) 1,1,1-Trichloroethane	8.172	97	637194	50.382	ug/l	96
36) 1,1-Dichloropropene	8.378	75	492930	50.342	ug/l	100
37) Ethyl Acetate	7.566	43	279962	50.004	ug/l	97
38) Carbon Tetrachloride	8.366	117	551718	51.577	ug/l	99
39) Methylcyclohexane	9.607	83	653784	53.787	ug/l	93
40) Benzene	8.613	78	1473002	49.728	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	156971	51.315	ug/l	96
42) 1,2-Dichloroethane	8.678	62	483342	48.660	ug/l	98
43) Isopropyl Acetate	8.689	43	499236	50.858	ug/l	95
44) Trichloroethene	9.354	130	391579	50.324	ug/l	97
45) 1,2-Dichloropropane	9.625	63	331113	48.615	ug/l	98
46) Dibromomethane	9.713	93	272597	51.452	ug/l	97
47) Bromodichloromethane	9.889	83	534788	51.680	ug/l	98
48) Methyl methacrylate	9.683	41	228264	49.545	ug/l	92
49) 1,4-Dioxane	9.695	88	134757	983.489	ug/l	93
51) 4-Methyl-2-Pentanone	10.448	43	1420300	245.938	ug/l	96
52) Toluene	10.630	92	1016273	51.582	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	554535	55.000	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	602454	52.521	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	385781	50.500	ug/l	98
56) Ethyl methacrylate	10.878	69	513061	53.256	ug/l	92
57) 1,3-Dichloropropane	11.166	76	628811	51.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	1136549	255.539	ug/l	96
59) 2-Hexanone	11.195	43	1028306	251.939	ug/l	95
60) Dibromochloromethane	11.360	129	416419	54.910	ug/l	100
61) 1,2-Dibromoethane	11.472	107	396291	52.766	ug/l	98
64) Tetrachloroethene	11.107	164	314097	50.431	ug/l	98
65) Chlorobenzene	11.895	112	1071849	49.828	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	389145	50.214	ug/l	97
67) Ethyl Benzene	11.966	91	1947304	51.564	ug/l	99
68) m/p-Xylenes	12.072	106	1543112	103.200	ug/l	99
69) o-Xylene	12.401	106	773044	51.580	ug/l	98
70) Styrene	12.413	104	1241432	54.085	ug/l	99
71) Bromoform	12.583	173	256512	54.541	ug/l #	99
73) Isopropylbenzene	12.695	105	2003159	49.651	ug/l	99
74) N-amyl acetate	12.495	43	437935	49.186	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.942	83	514421	46.382	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	436590m	49.014	ug/l	
77) Bromobenzene	12.983	156	417445	46.720	ug/l	95
78) n-propylbenzene	13.036	91	2250834	51.973	ug/l	99
79) 2-Chlorotoluene	13.124	91	1339428	48.559	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	1672364	54.183	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	154975	52.872	ug/l	98
82) 4-Chlorotoluene	13.224	91	1301980	50.331	ug/l	99
83) tert-Butylbenzene	13.442	119	1416609	48.842	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1611039	55.541	ug/l	100
85) sec-Butylbenzene	13.619	105	2058358	52.721	ug/l	99
86) p-Isopropyltoluene	13.730	119	1640521	53.734	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	771889	49.701	ug/l	99
88) 1,4-Dichlorobenzene	13.819	146	769123	49.817	ug/l	99
89) n-Butylbenzene	14.060	91	1355756	56.038	ug/l	99
90) Hexachloroethane	14.336	117	299845	51.212	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	760001	49.221	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	95969	48.894	ug/l	97
93) 1,2,4-Trichlorobenzene	15.395	180	293335	44.978	ug/l	96
94) Hexachlorobutadiene	15.507	225	160058	48.518	ug/l	99
95) Naphthalene	15.642	128	1043362	46.118	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	272642	44.891	ug/l	96

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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

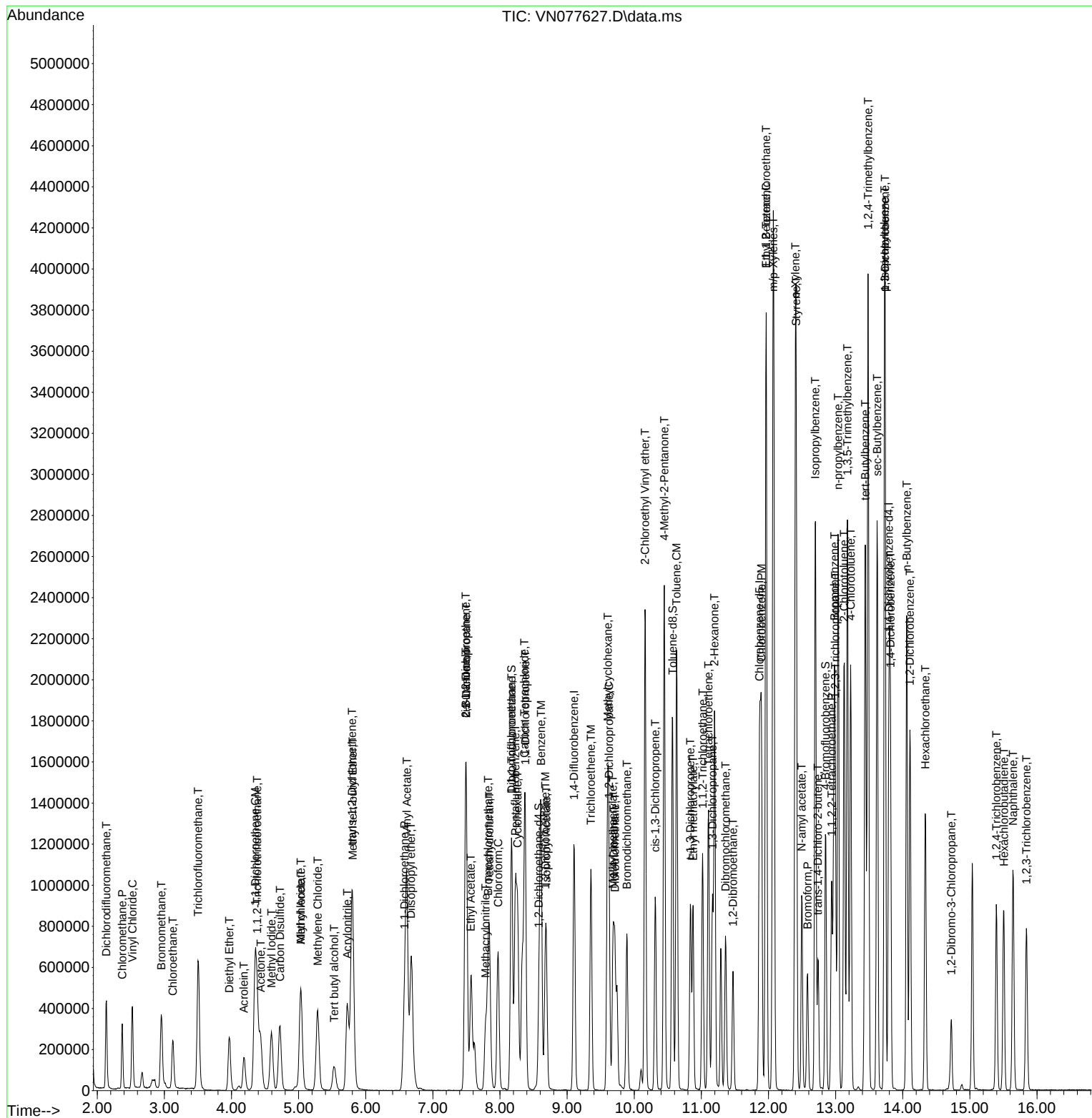
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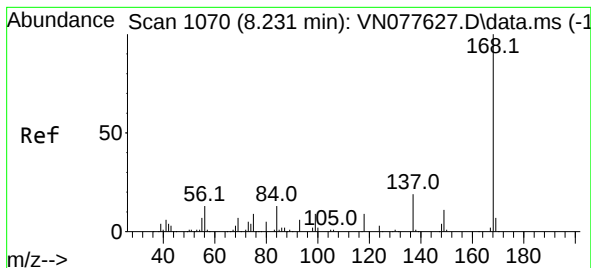
Instrument :
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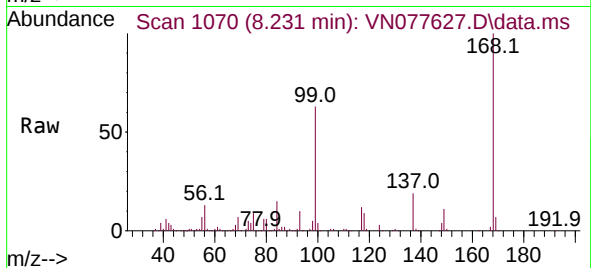
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077627.D
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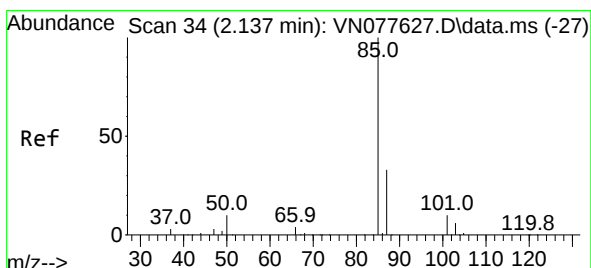
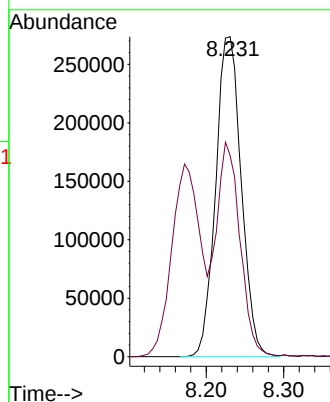
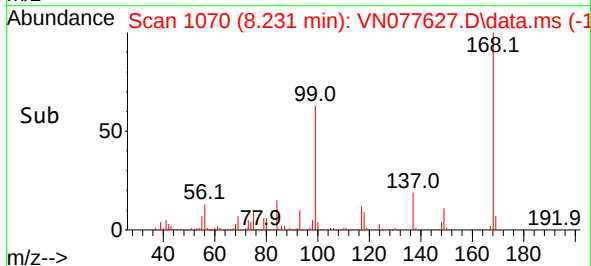
Instrument :
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VSTDICCC050



Tgt Ion:168 Resp: 628305
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6

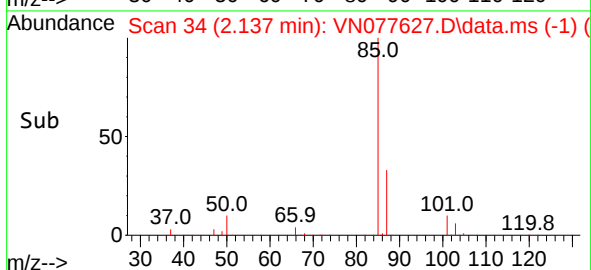
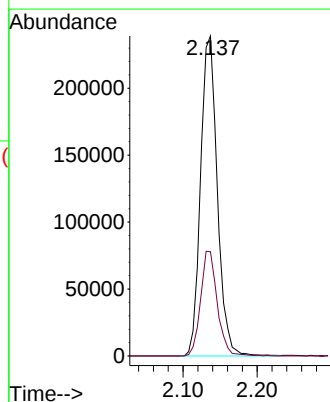
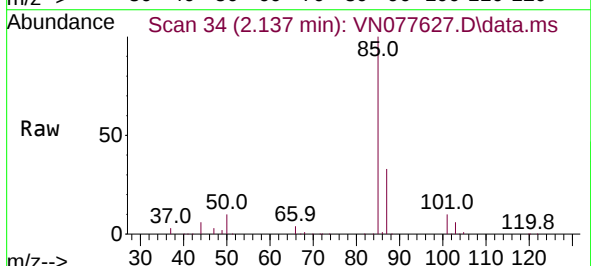
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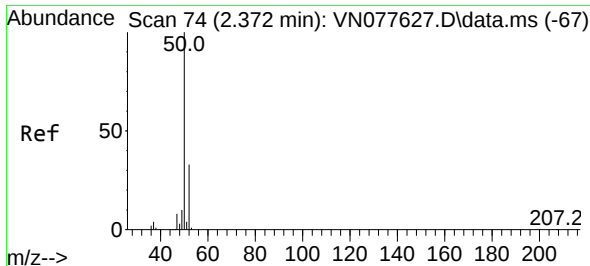
Reviewed By :John Carlone 05/09/2023
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#2
Dichlorodifluoromethane
Concen: 53.352 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

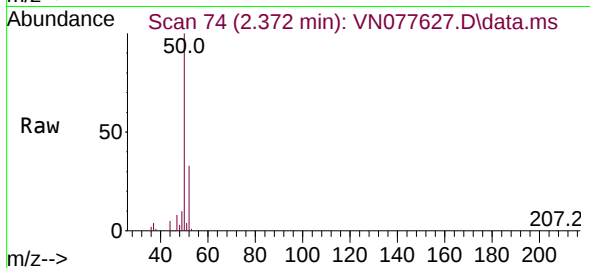
Tgt Ion: 85 Resp: 374705
Ion Ratio Lower Upper
85 100
87 32.6 15.8 47.4





#3
Chloromethane
Concen: 51.061 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

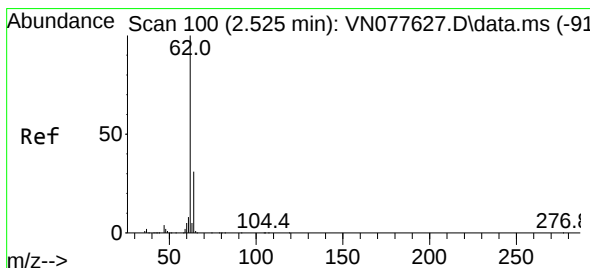
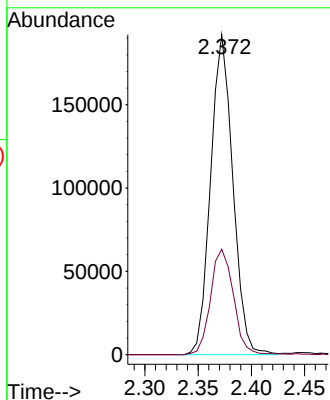
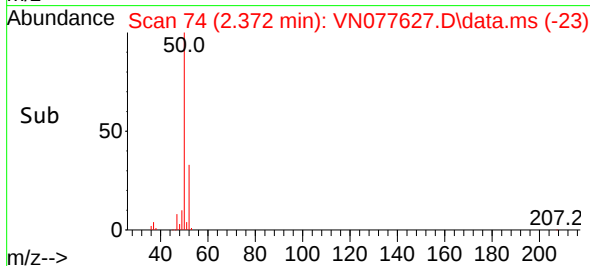
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 278739
Ion Ratio Lower Upper
50 100
52 33.0 26.5 39.7

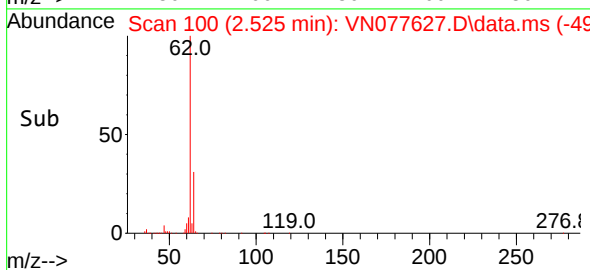
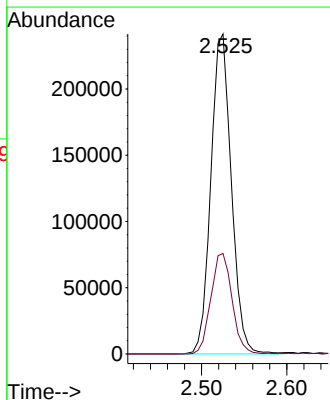
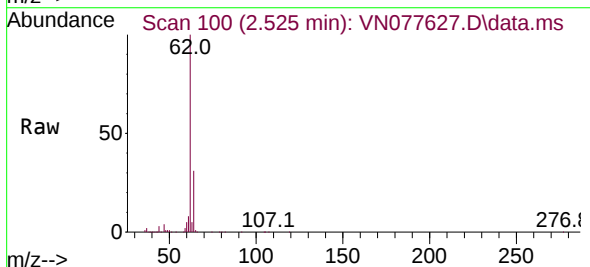
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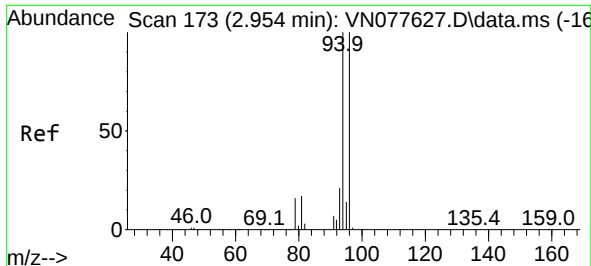
Reviewed By :John Carlone 05/09/2023
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#4
Vinyl Chloride
Concen: 48.111 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

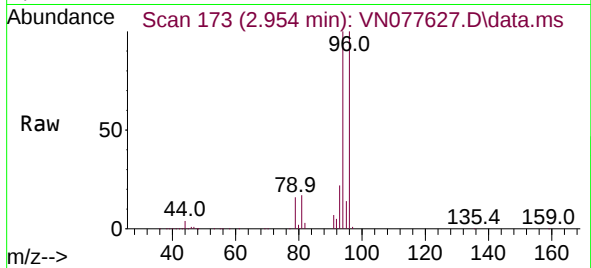
Tgt Ion: 62 Resp: 403093
Ion Ratio Lower Upper
62 100
64 31.4 26.2 39.2





#5
Bromomethane
Concen: 44.644 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

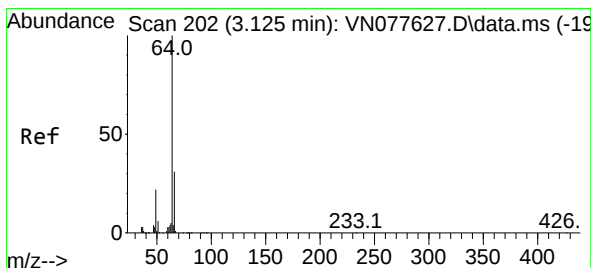
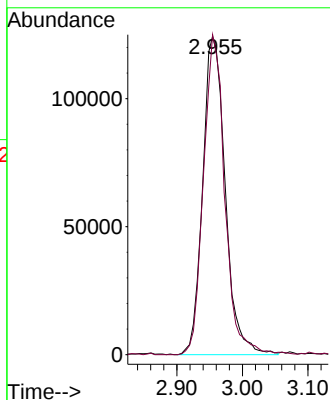
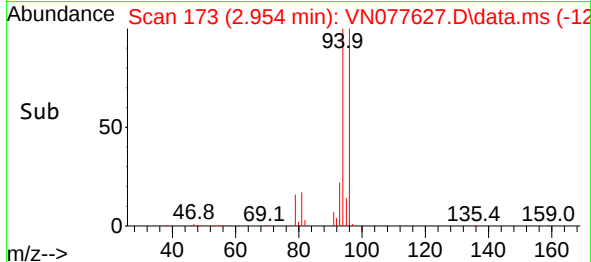
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Tgt Ion: 94 Resp: 296969
Ion Ratio Lower Upper
94 100
96 100.5 73.1 109.7

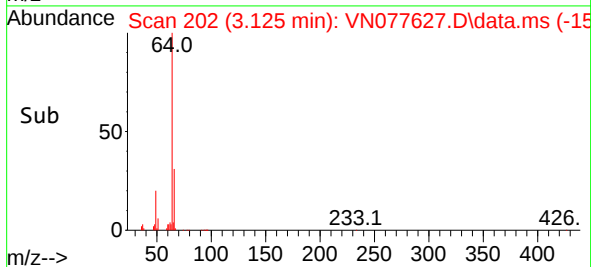
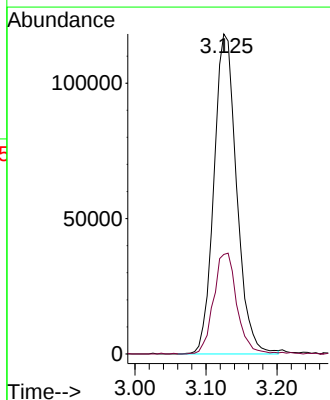
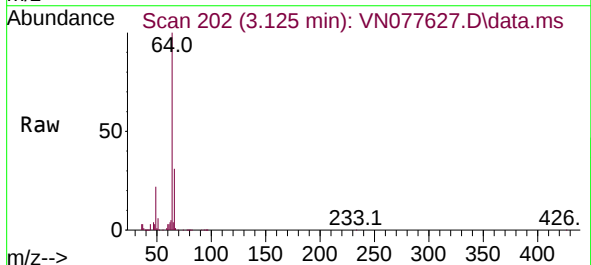
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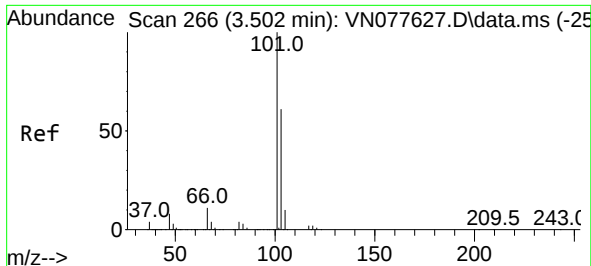
Reviewed By :John Carlone 05/09/2023
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#6
Chloroethane
Concen: 45.118 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

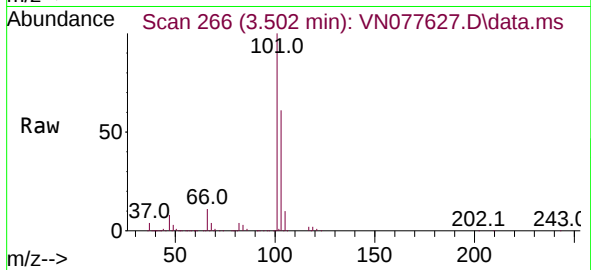
Tgt Ion: 64 Resp: 262118
Ion Ratio Lower Upper
64 100
66 31.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 53.289 ug/l
RT: 3.502 min Scan# 266
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

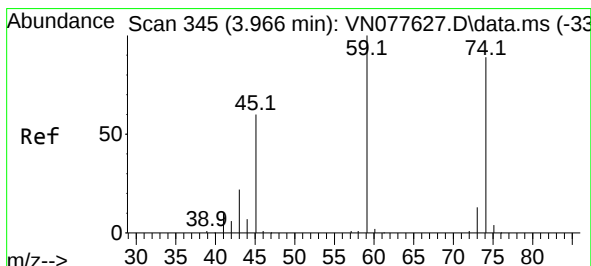
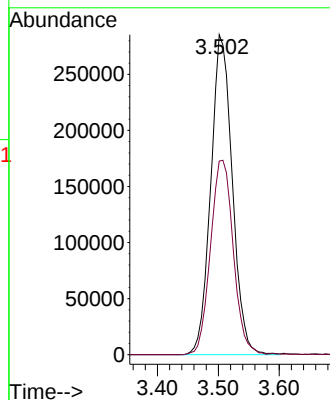
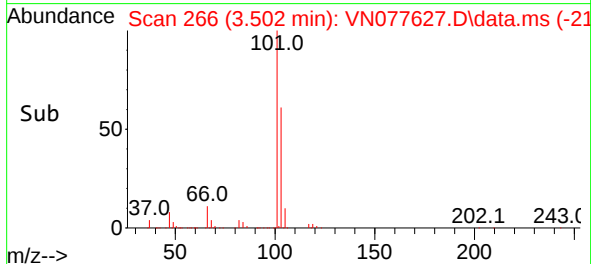
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Tgt Ion:101 Resp: 69984
Ion Ratio Lower Upper
101 100
103 60.5 50.7 76.1

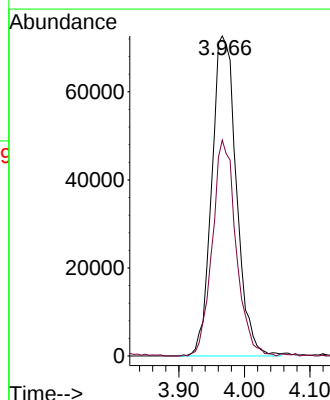
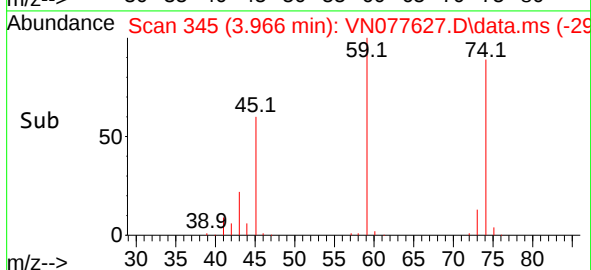
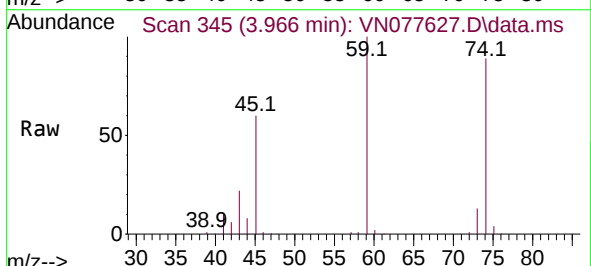
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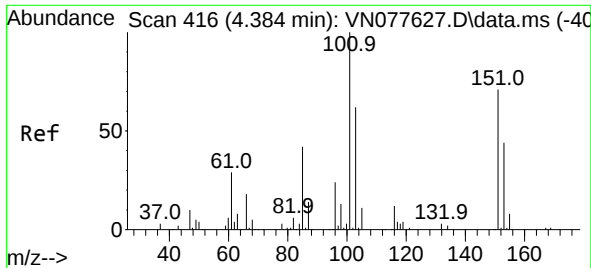
Reviewed By :John Carlone 05/09/2023
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#8
Diethyl Ether
Concen: 49.041 ug/l
RT: 3.966 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Tgt Ion: 74 Resp: 189346
Ion Ratio Lower Upper
74 100
45 65.0 34.4 103.3





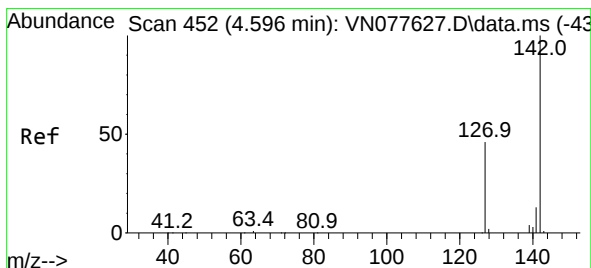
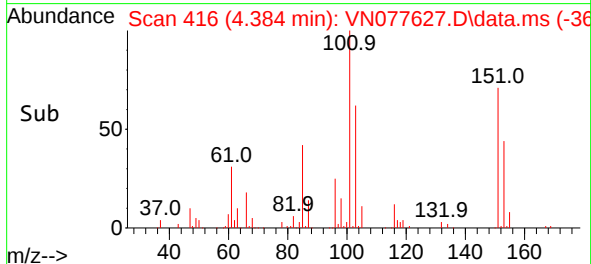
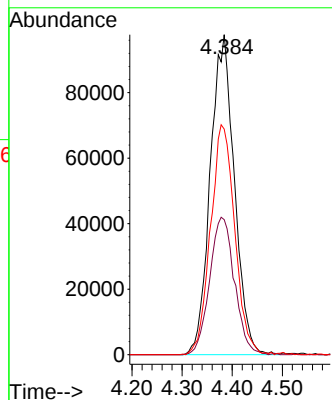
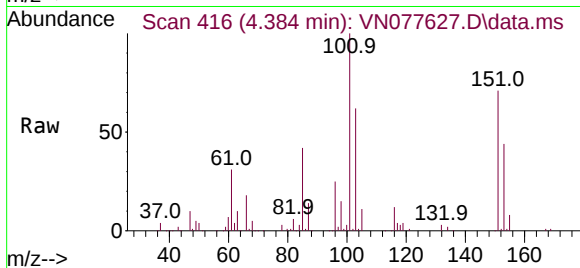
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.597 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:101 Resp: 325470
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 72.4 57.6 86.4

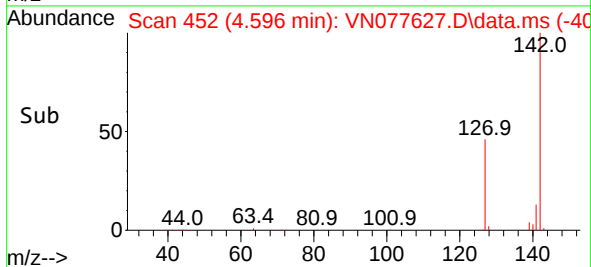
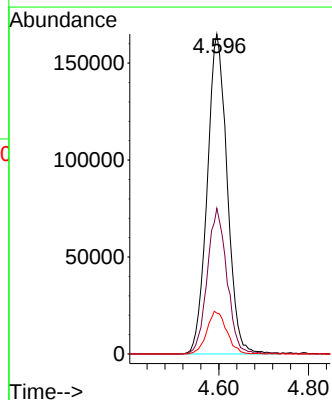
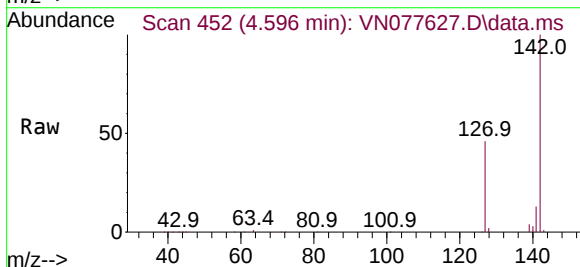
Manual Integrations
APPROVED

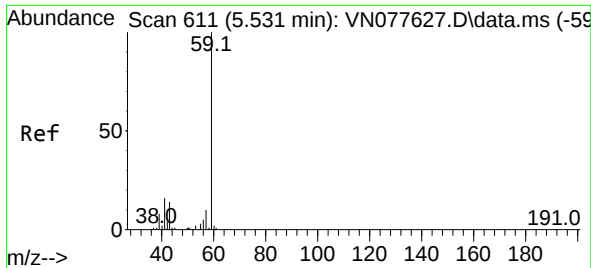
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#10
Methyl Iodide
Concen: 52.495 ug/l
RT: 4.596 min Scan# 452
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

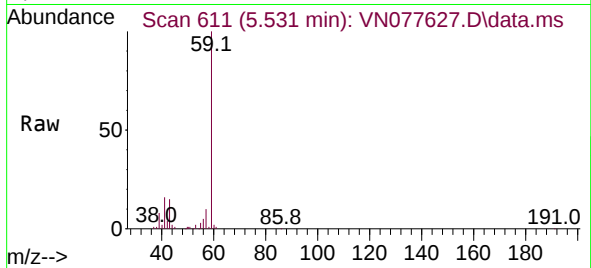
Tgt Ion:142 Resp: 508560
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 12.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 249.029 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

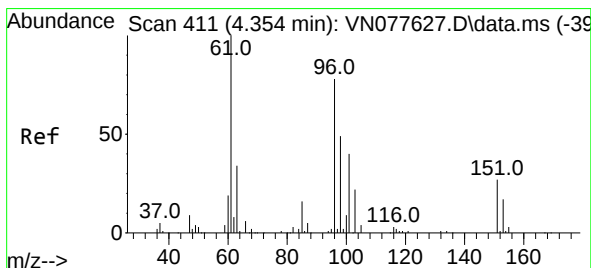
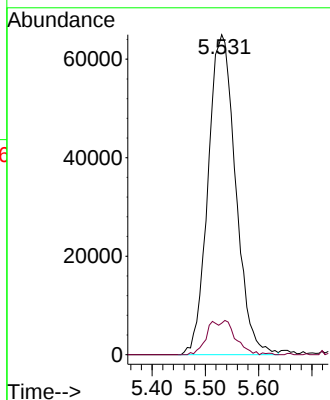
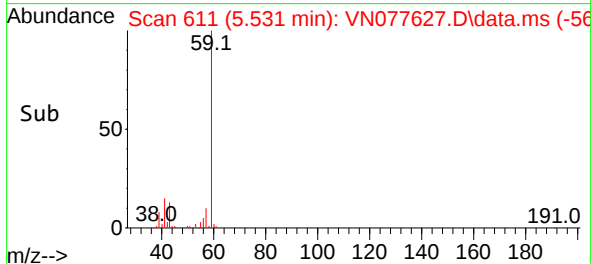
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



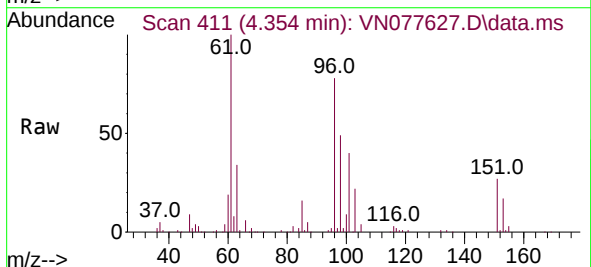
Tgt Ion: 59 Resp: 23343
Ion Ratio Lower Upper
59 100
57 5.1 8.2 12.4

Manual Integrations
APPROVED

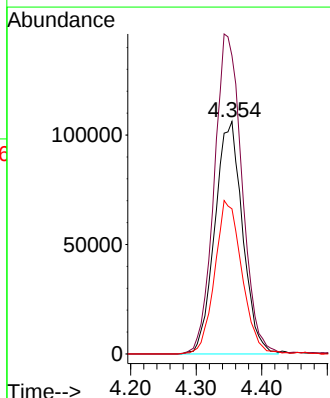
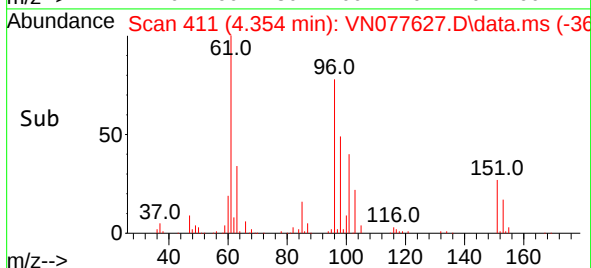
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

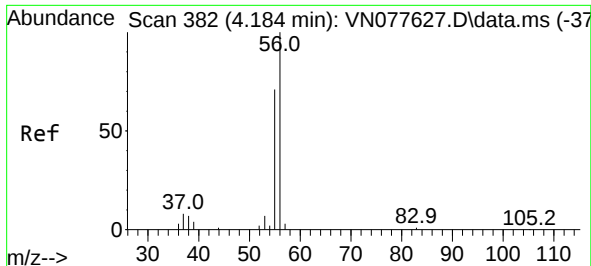


#12
1,1-Dichloroethene
Concen: 49.995 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



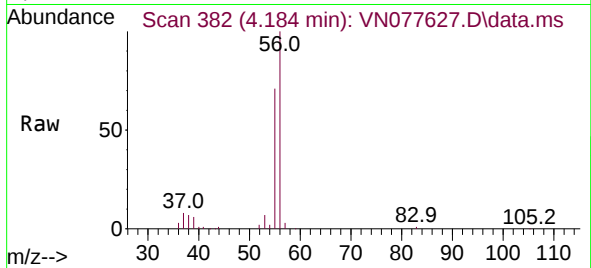
Tgt Ion: 96 Resp: 311749
Ion Ratio Lower Upper
96 100
61 128.3 112.7 169.1
98 62.5 51.2 76.8





#13
Acrolein
Concen: 232.801 ug/l
RT: 4.184 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

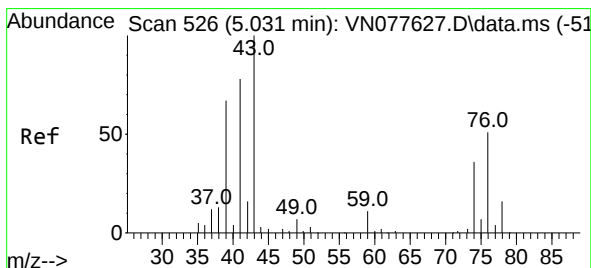
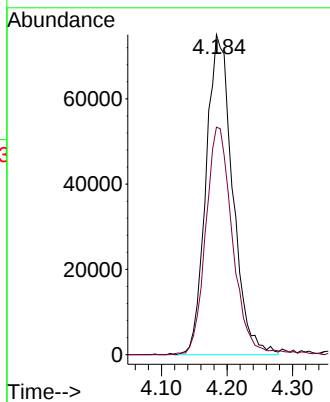
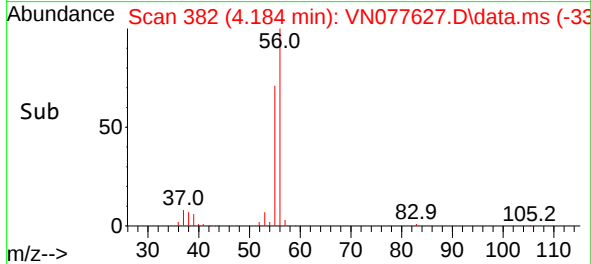
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 211498
Ion Ratio Lower Upper
56 100
55 71.0 54.5 81.7

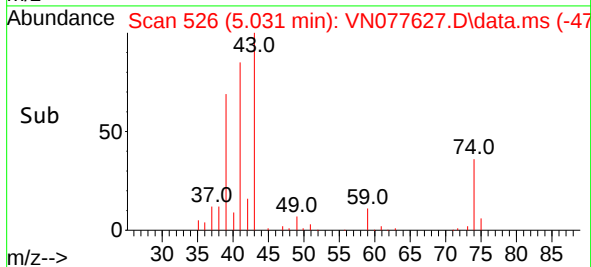
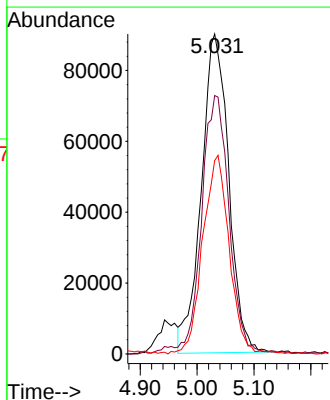
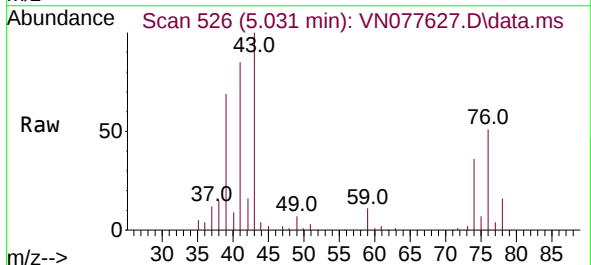
Manual Integrations
APPROVED

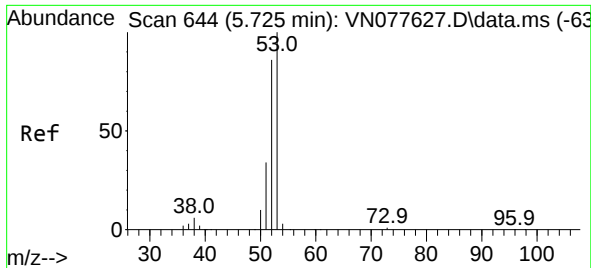
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#14
Allyl chloride
Concen: 48.600 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

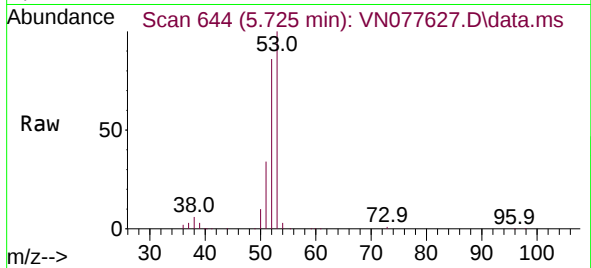
Tgt Ion: 41 Resp: 300991
Ion Ratio Lower Upper
41 100
39 79.6 58.8 88.2
76 59.9 39.1 58.7#





#15
Acrylonitrile
Concen: 246.441 ug/l
RT: 5.725 min Scan# 644
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

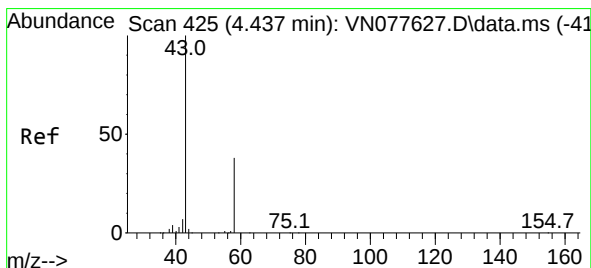
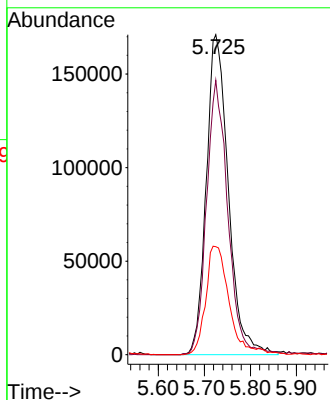
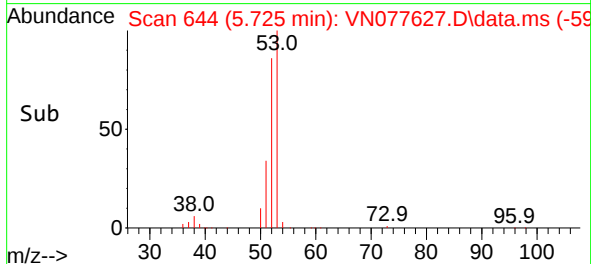
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



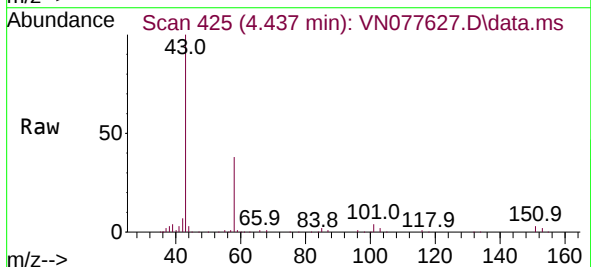
Tgt Ion: 53 Resp: 57138
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 35.0 28.9 43.3

Manual Integrations
APPROVED

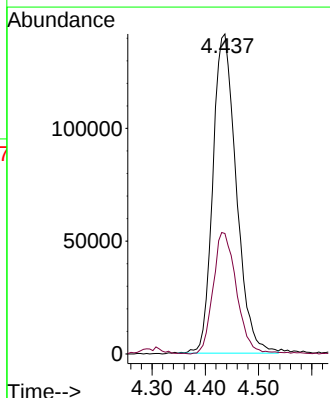
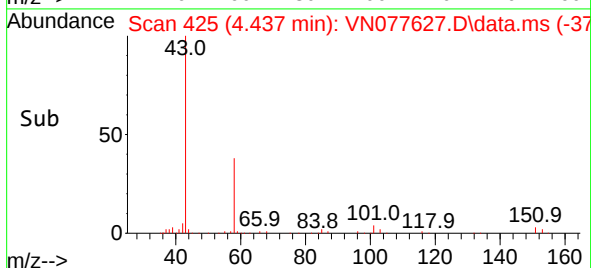
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

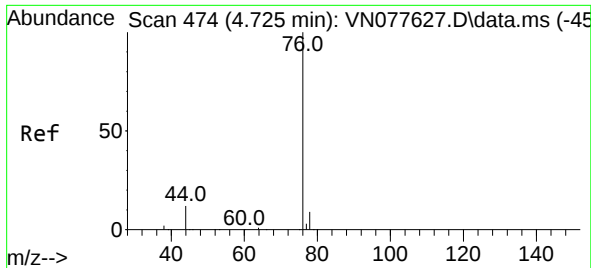


#16
Acetone
Concen: 227.810 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



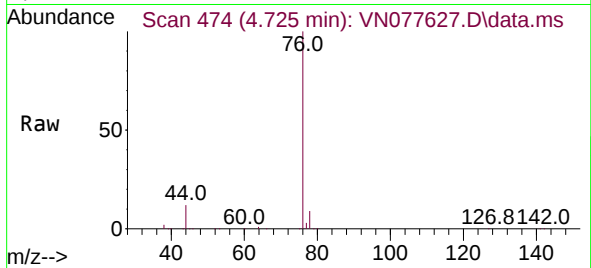
Tgt Ion: 43 Resp: 432349
Ion Ratio Lower Upper
43 100
58 37.5 28.0 42.0





#17
Carbon Disulfide
Concen: 50.215 ug/l
RT: 4.725 min Scan# 474
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

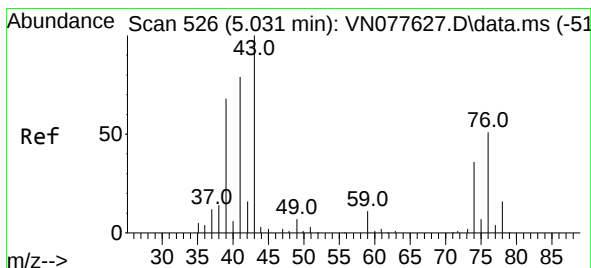
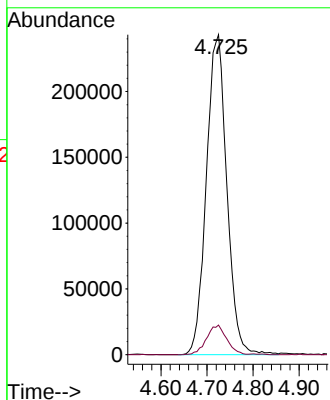
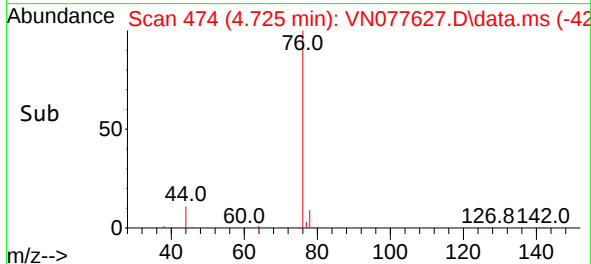
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



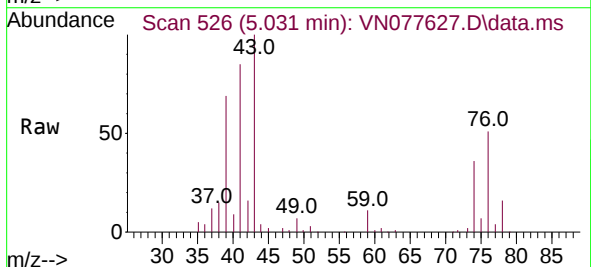
Tgt Ion: 76 Resp: 75296
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
APPROVED

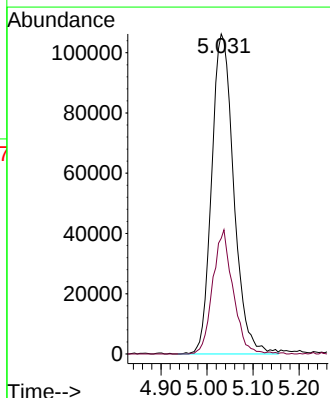
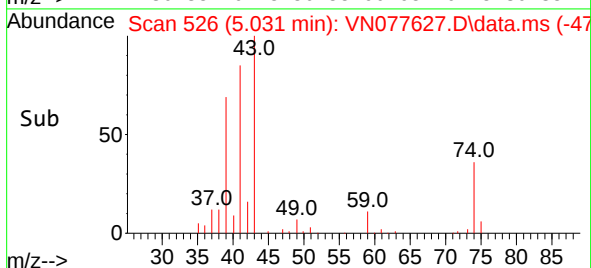
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

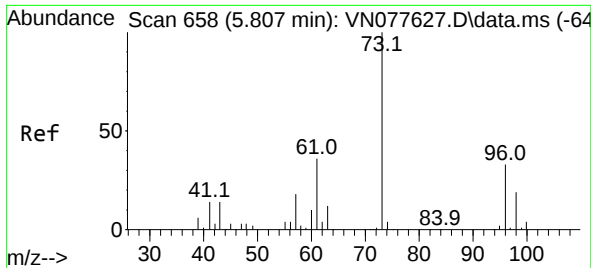


#18
Methyl Acetate
Concen: 47.193 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



Tgt Ion: 43 Resp: 353987
Ion Ratio Lower Upper
43 100
74 35.5 26.2 39.4





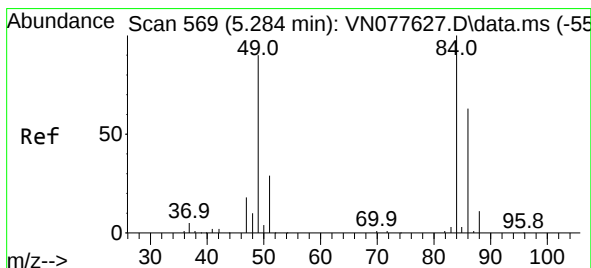
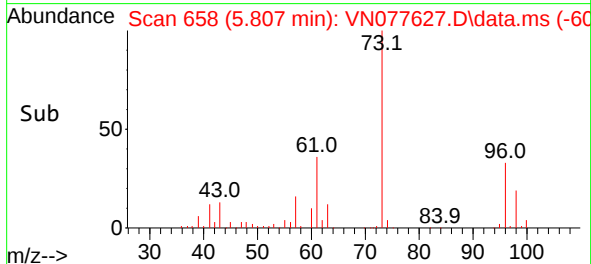
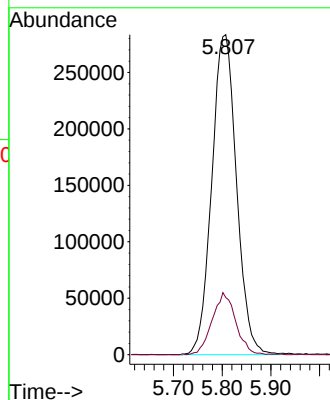
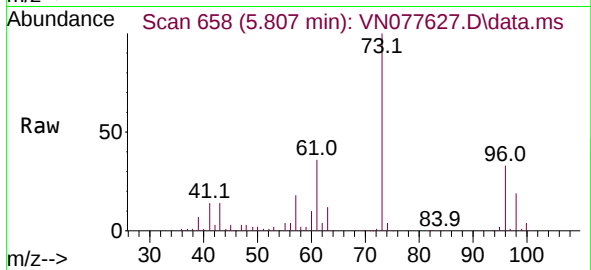
#19
Methyl tert-butyl Ether
Concen: 48.775 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 100078
Ion Ratio Lower Upper
73 100
57 17.9 15.6 23.4

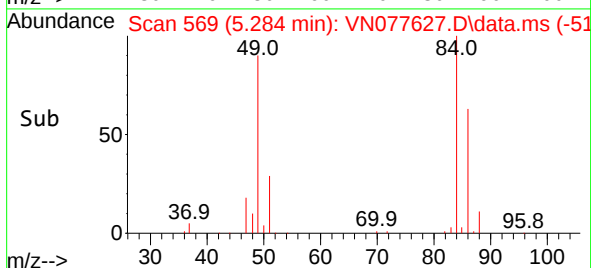
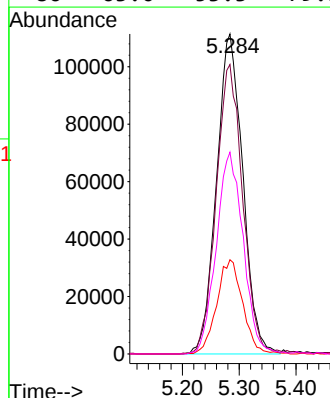
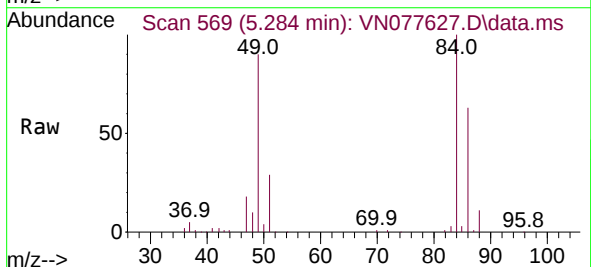
Manual Integrations
APPROVED

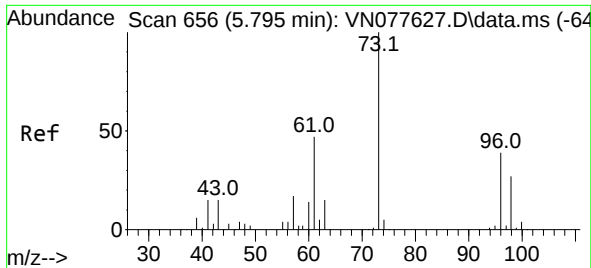
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#20
Methylene Chloride
Concen: 45.595 ug/l
RT: 5.284 min Scan# 569
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

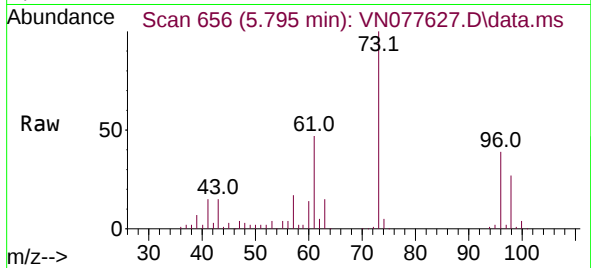
Tgt Ion: 84 Resp: 357536
Ion Ratio Lower Upper
84 100
49 90.5 79.7 119.5
51 29.5 25.2 37.8
86 63.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.521 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

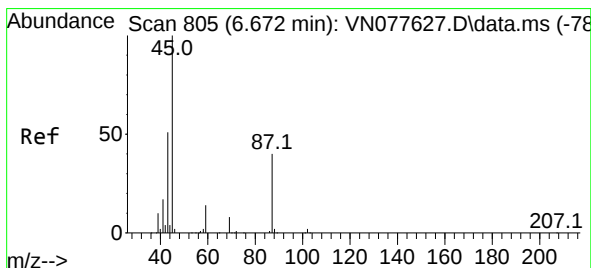
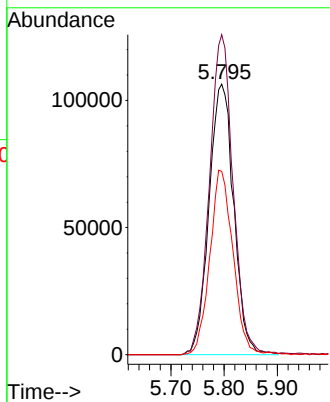
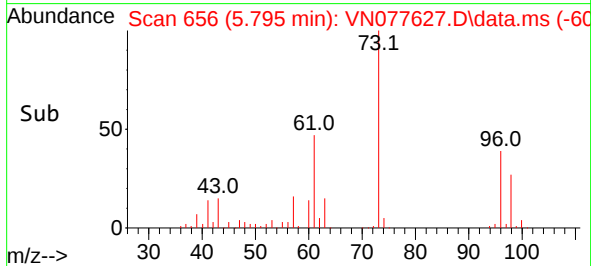
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



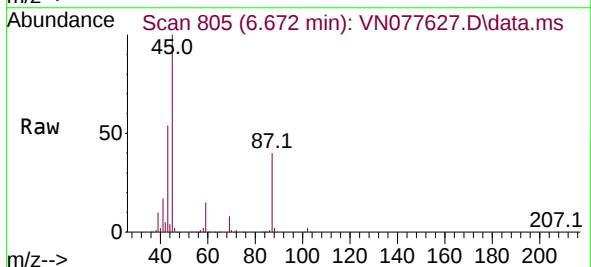
Tgt Ion: 96 Resp: 34222
Ion Ratio Lower Upper
96 100
61 118.3 90.1 135.1
98 67.8 46.4 69.6

Manual Integrations
APPROVED

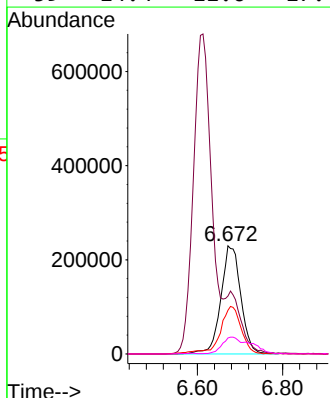
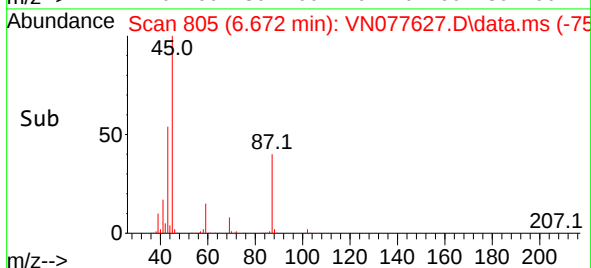
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

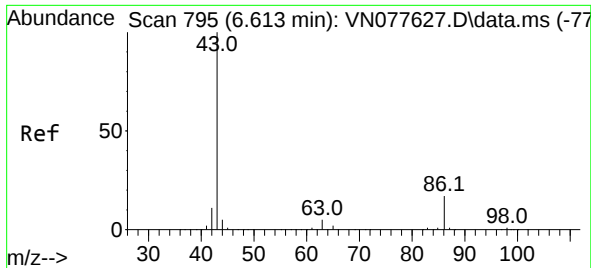


#22
Diisopropyl ether
Concen: 48.832 ug/l
RT: 6.672 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



Tgt Ion: 45 Resp: 746591
Ion Ratio Lower Upper
45 100
43 52.5 45.5 68.3
87 40.2 31.8 47.8
59 14.4 11.6 17.4





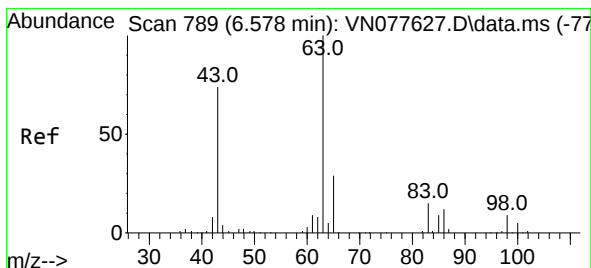
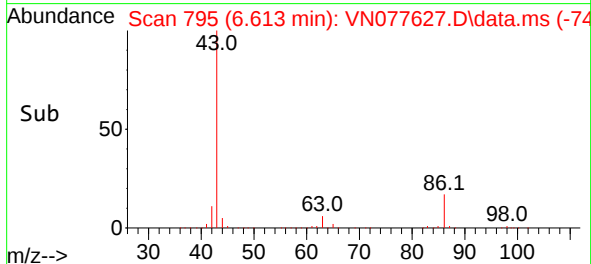
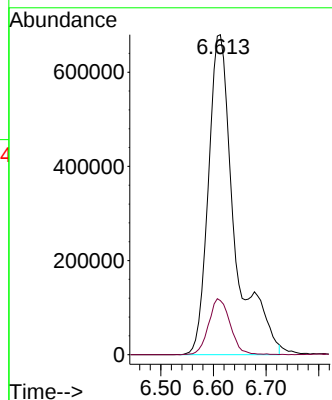
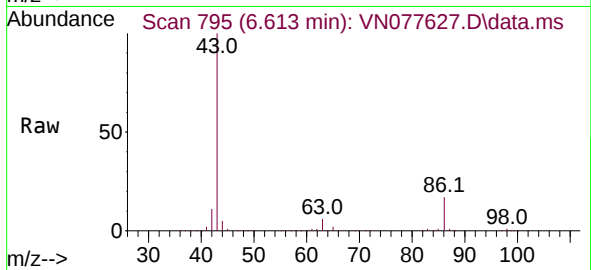
#23
 Vinyl Acetate
 Concen: 268.798 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077627.D
 Acq: 09 May 2023 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 234514
 Ion Ratio Lower Upper
 43 100
 86 16.9 13.0 19.6

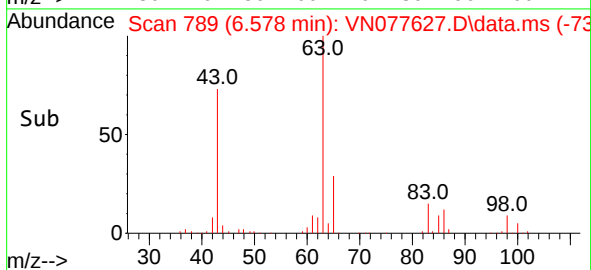
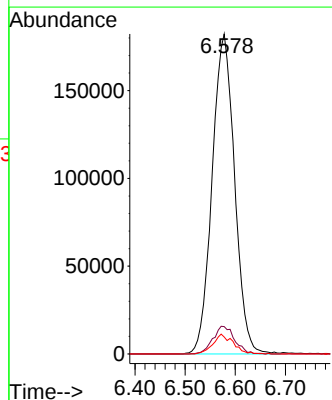
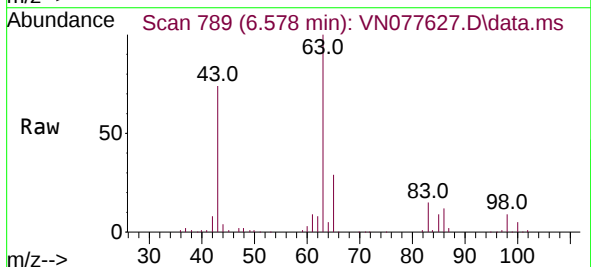
Manual Integrations
 APPROVED

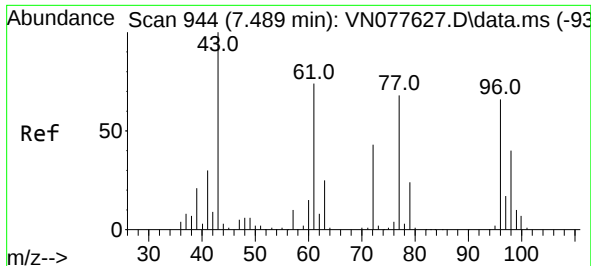
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#24
 1,1-Dichloroethane
 Concen: 48.947 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. 0.000 min
 Lab File: VN077627.D
 Acq: 09 May 2023 12:10

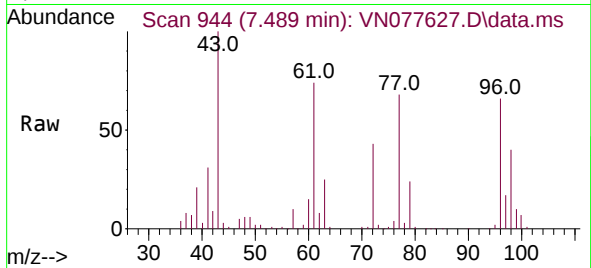
Tgt Ion: 63 Resp: 567293
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.9 11.7
 100 5.3 2.5 7.4





#25
2-Butanone
Concen: 236.264 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

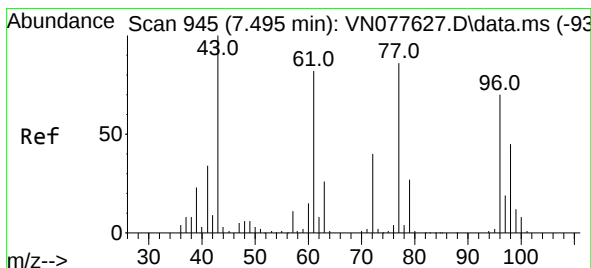
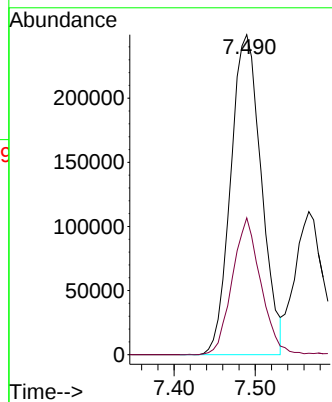
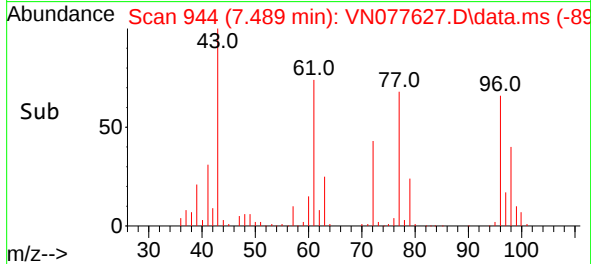
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 65344
Ion Ratio Lower Upper
43 100
72 42.8 30.2 45.2

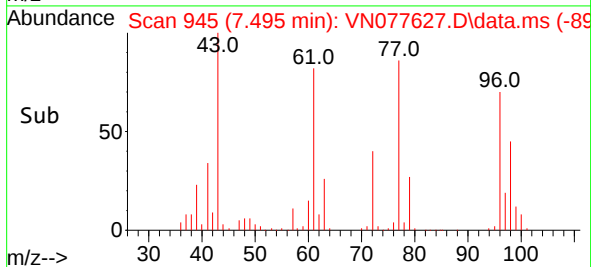
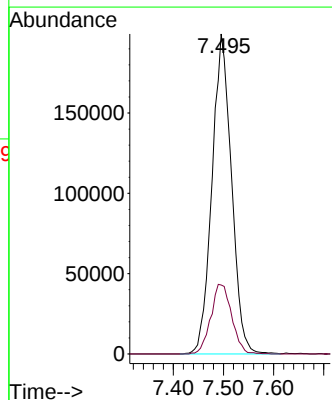
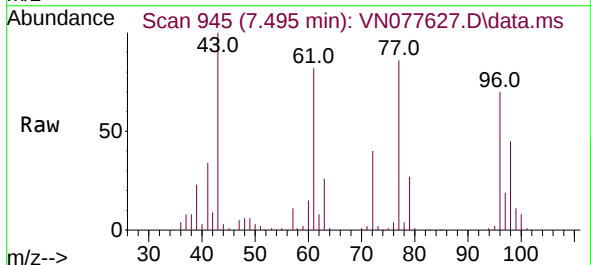
Manual Integrations
APPROVED

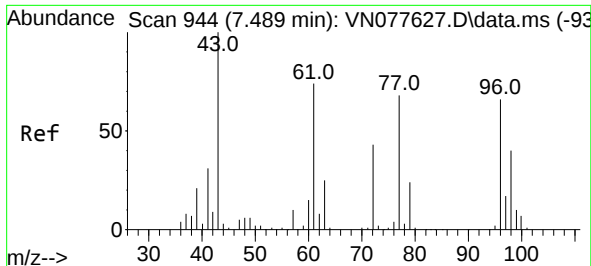
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#26
2,2-Dichloropropane
Concen: 51.235 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

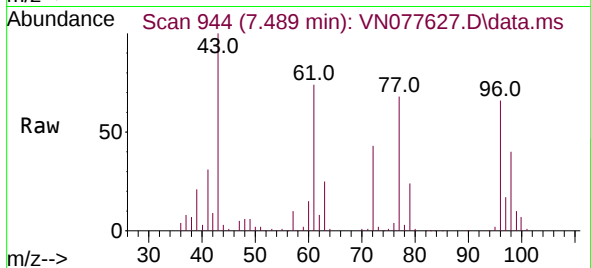
Tgt Ion: 77 Resp: 538159
Ion Ratio Lower Upper
77 100
97 23.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.535 ug/l
 RT: 7.489 min Scan# 944
 Delta R.T. 0.000 min
 Lab File: VN077627.D
 Acq: 09 May 2023 12:10

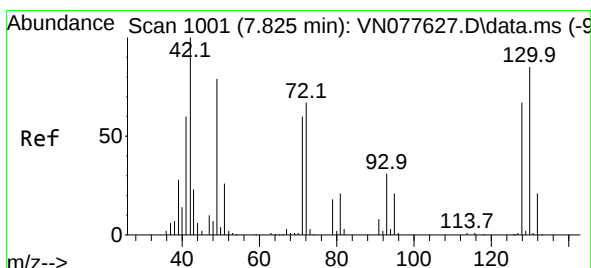
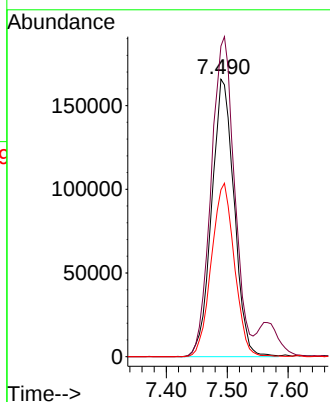
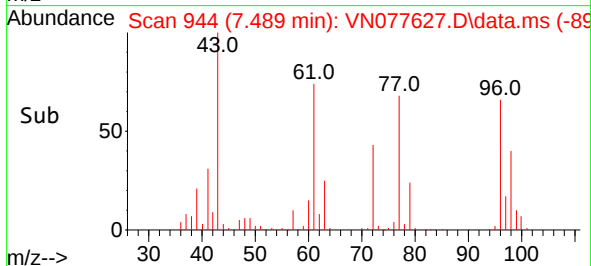
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



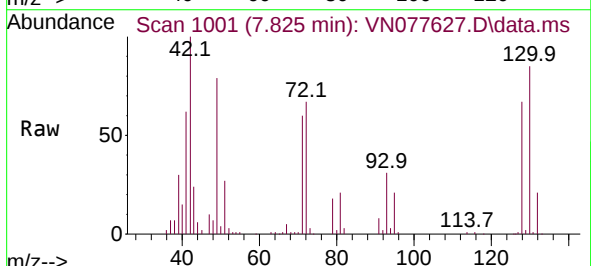
Tgt Ion: 96 Resp: 424998
 Ion Ratio Lower Upper
 96 100
 61 119.8 0.0 255.2
 98 64.0 0.0 128.8

Manual Integrations
 APPROVED

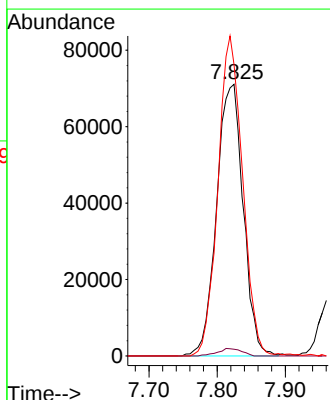
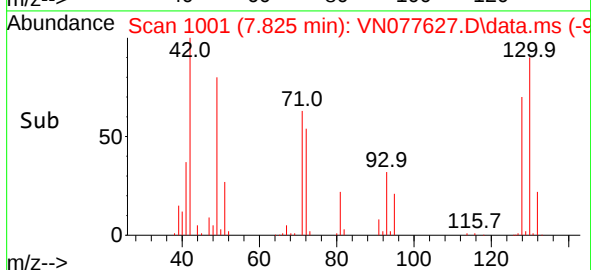
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023

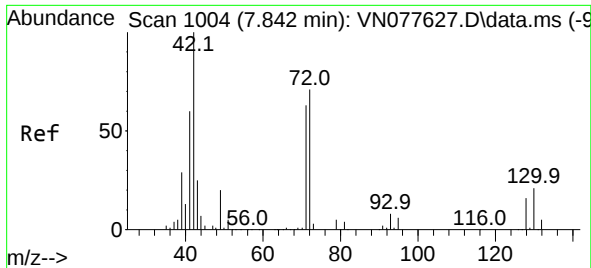


#28
 Bromochloromethane
 Concen: 45.708 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.000 min
 Lab File: VN077627.D
 Acq: 09 May 2023 12:10



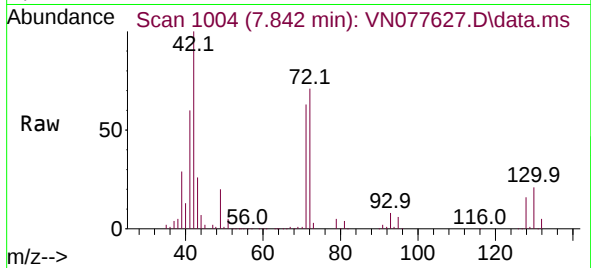
Tgt Ion: 49 Resp: 193299
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 109.1 75.3 112.9





#29
Tetrahydrofuran
Concen: 250.046 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

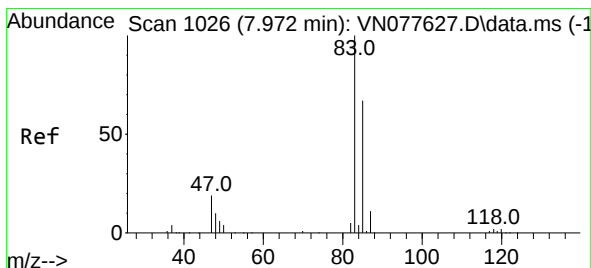
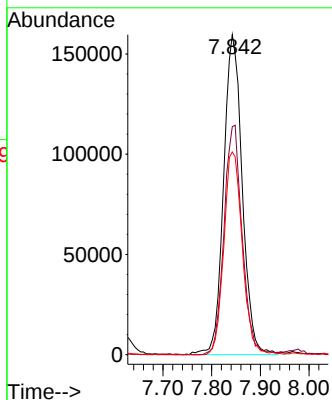
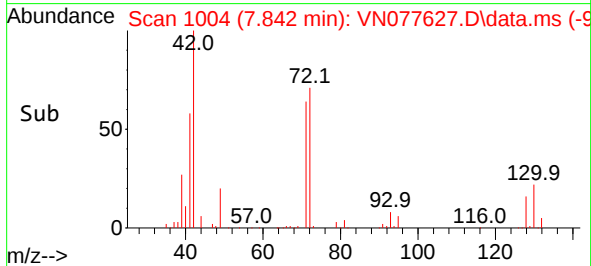
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 42 Resp: 424808
Ion Ratio Lower Upper
42 100
72 69.8 49.8 74.6
71 63.0 47.4 71.2

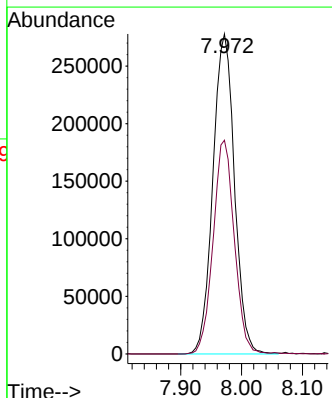
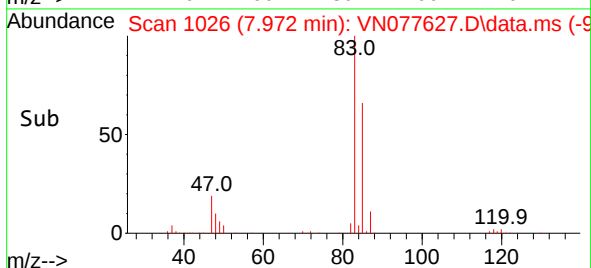
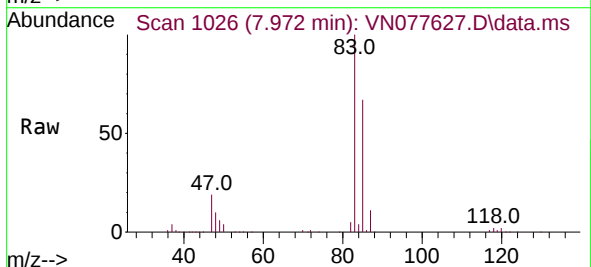
Manual Integrations
APPROVED

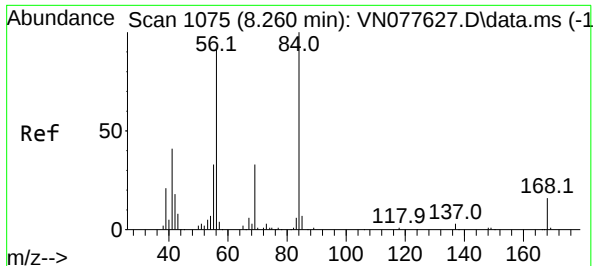
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#30
Chloroform
Concen: 49.782 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

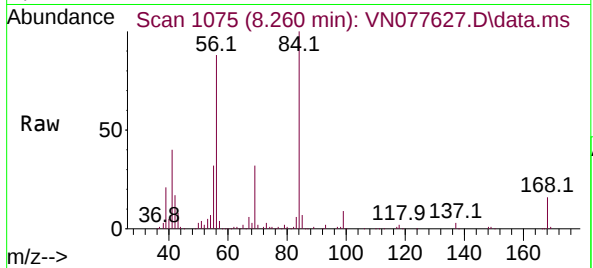
Tgt Ion: 83 Resp: 683795
Ion Ratio Lower Upper
83 100
85 66.8 55.4 83.0





#31
Cyclohexane
Concen: 46.927 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

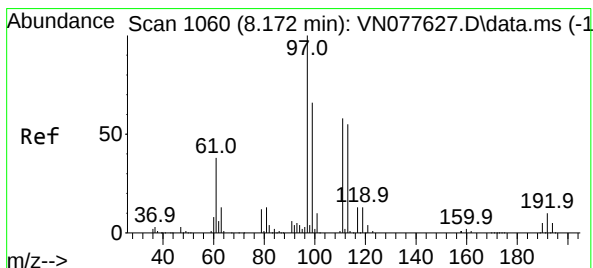
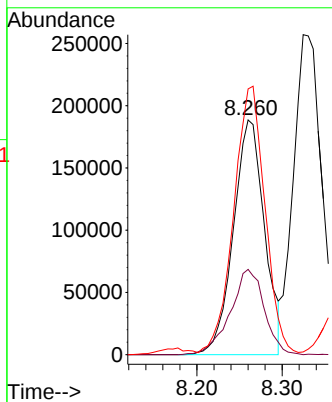
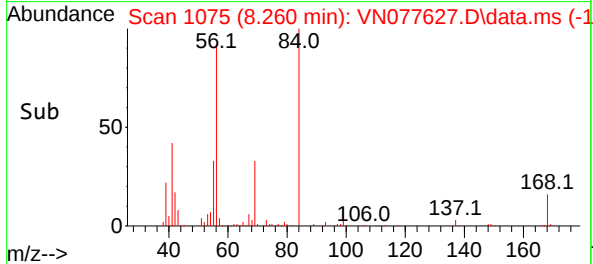
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 477875
Ion Ratio Lower Upper
56 100
69 36.4 26.8 40.2
84 110.4 81.8 122.6

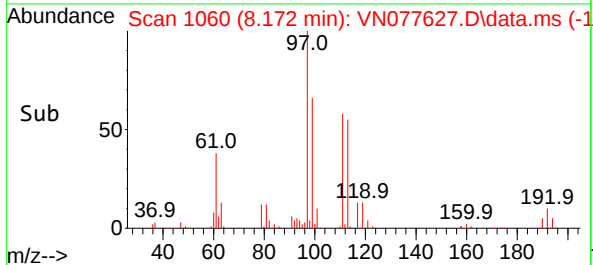
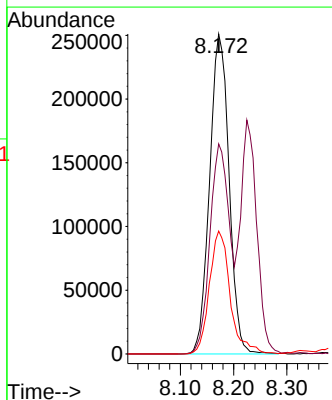
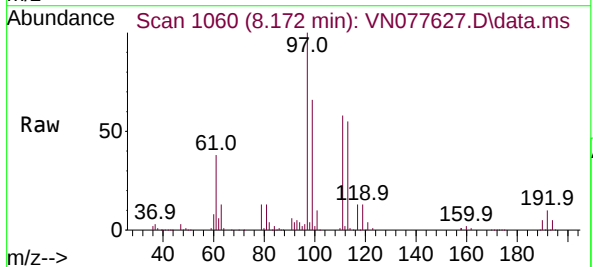
Manual Integrations
APPROVED

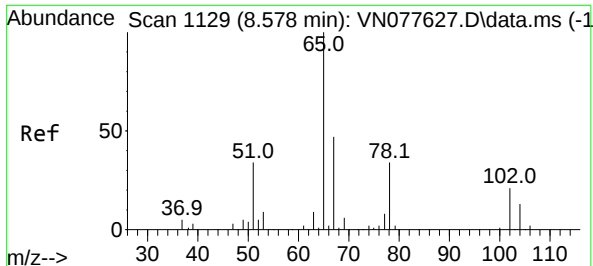
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#32
1,1,1-Trichloroethane
Concen: 50.382 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Tgt Ion: 97 Resp: 637194
Ion Ratio Lower Upper
97 100
99 66.0 50.3 75.5
61 41.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.502 ug/l

RT: 8.578 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN077627.D

Acq: 09 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 38648

Ion Ratio Lower Upper

65 100

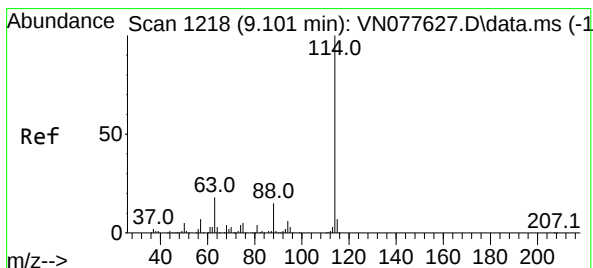
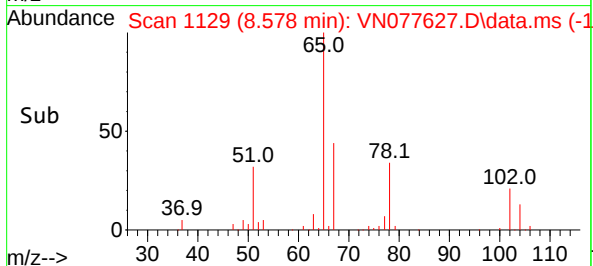
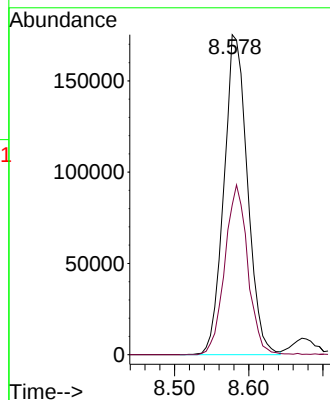
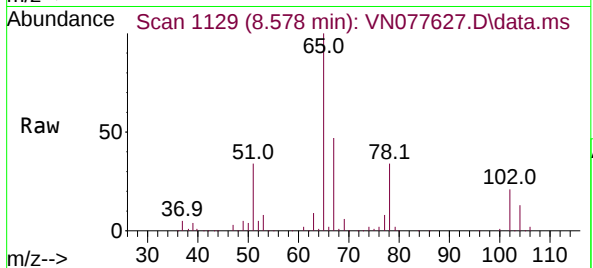
67 51.7 0.0 106.6

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: 9.101 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VN077627.D

Acq: 09 May 2023 12:10

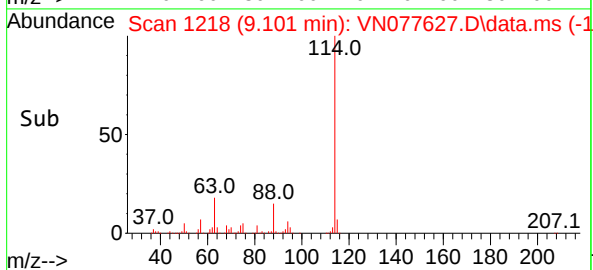
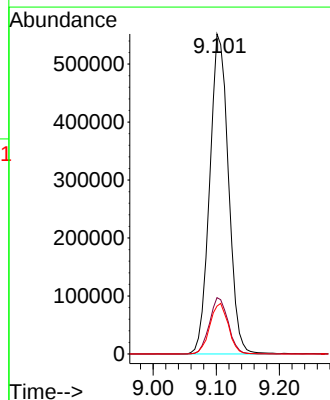
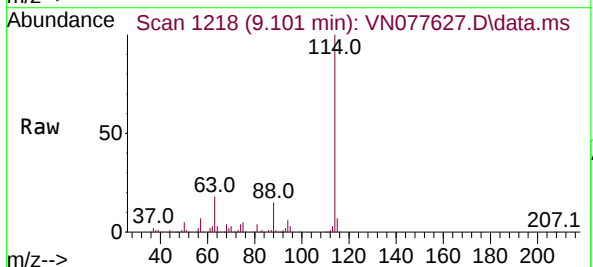
Tgt Ion:114 Resp: 1137636

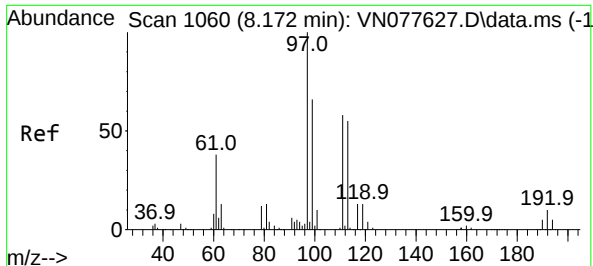
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.554 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077627.D

Acq: 09 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 113 Resp: 34449

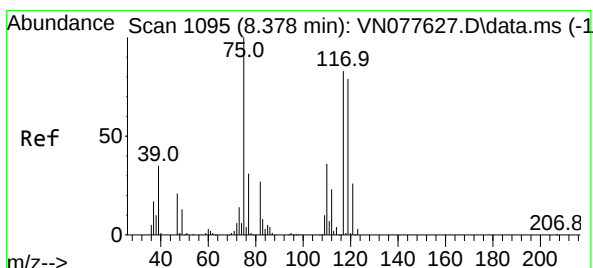
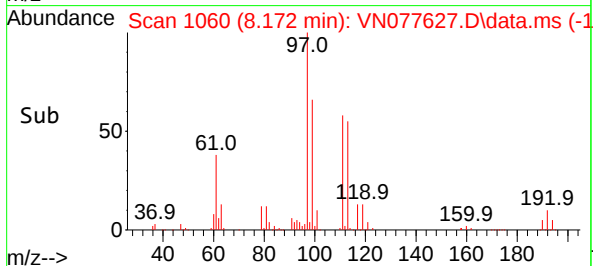
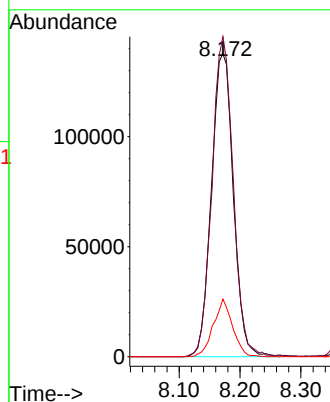
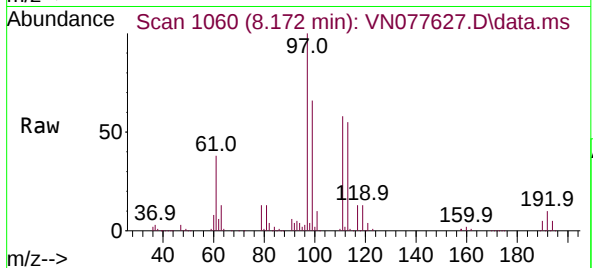
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.6	123.8
192	16.6	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 05/09/2023

Supervised By : Mahesh Dadoda 05/10/2023



#36

1,1-Dichloropropene

Concen: 50.342 ug/l

RT: 8.378 min Scan# 1095

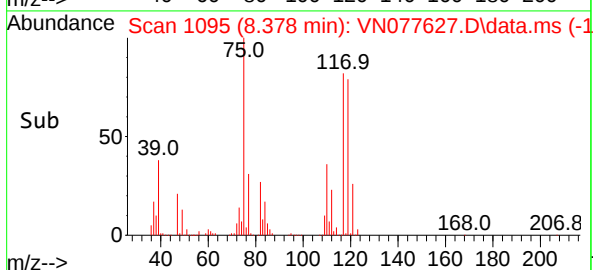
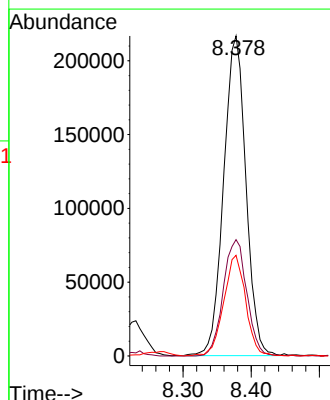
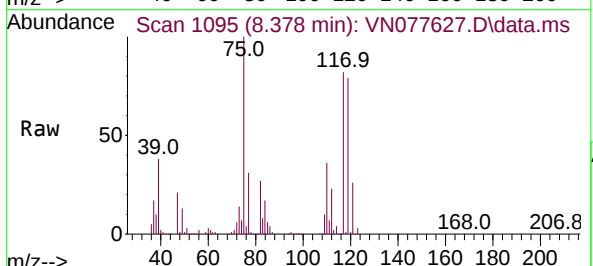
Delta R.T. 0.000 min

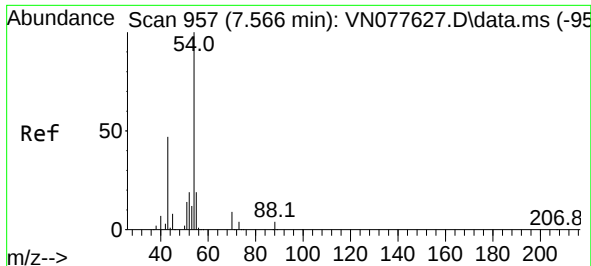
Lab File: VN077627.D

Acq: 09 May 2023 12:10

Tgt Ion: 75 Resp: 492930

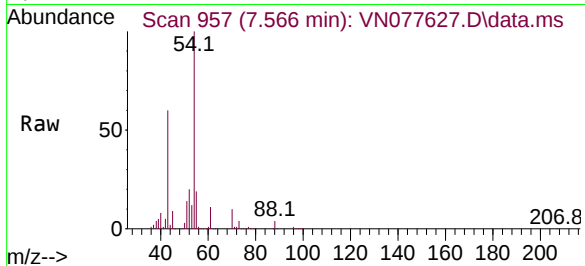
Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.1	57.3
77	31.2	25.0	37.4





#37
Ethyl Acetate
Concen: 50.004 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

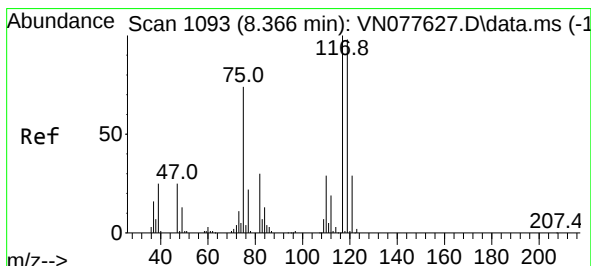
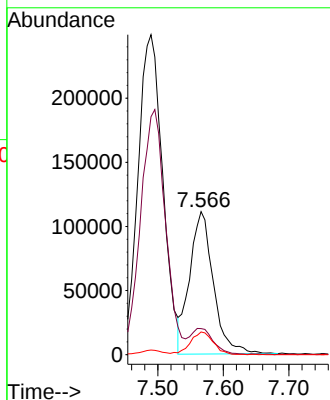
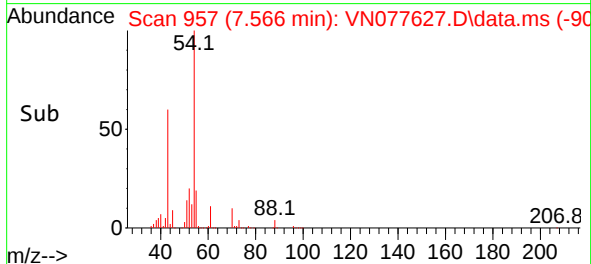
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 279962
Ion Ratio Lower Upper
43 100
61 17.3 13.2 19.8
70 15.5 11.3 16.9

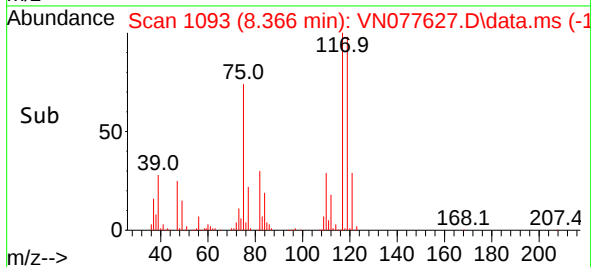
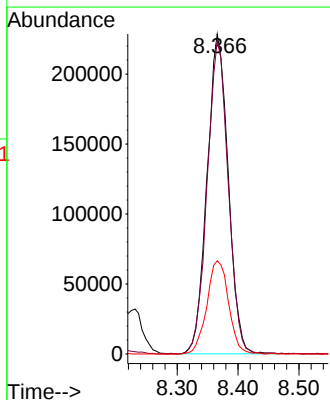
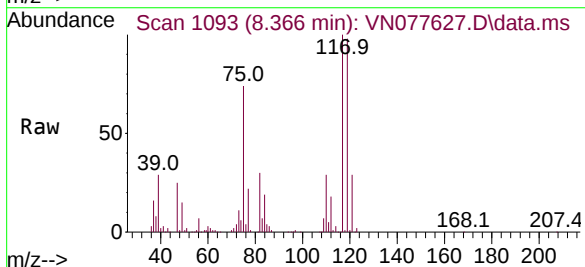
Manual Integrations
APPROVED

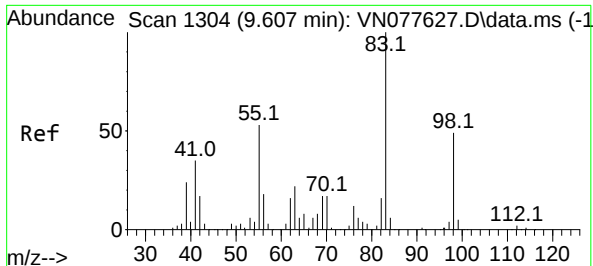
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#38
Carbon Tetrachloride
Concen: 51.577 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Tgt Ion:117 Resp: 551718
Ion Ratio Lower Upper
117 100
119 98.0 77.3 115.9
121 29.1 23.3 34.9





#39

Methylcyclohexane

Concen: 53.787 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.000 min

Lab File: VN077627.D

Acq: 09 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

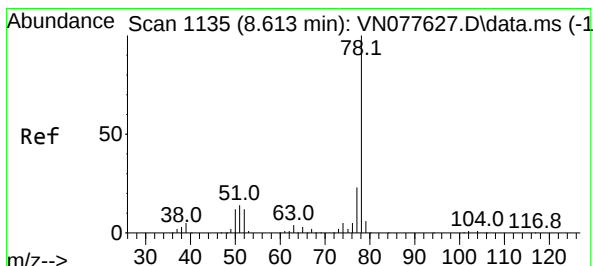
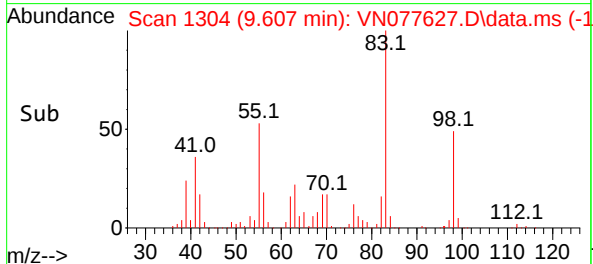
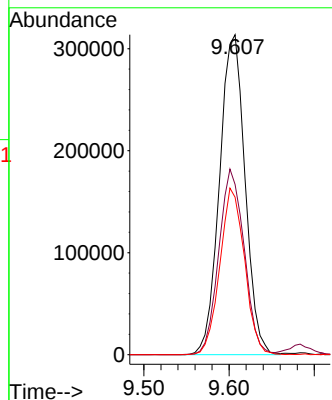
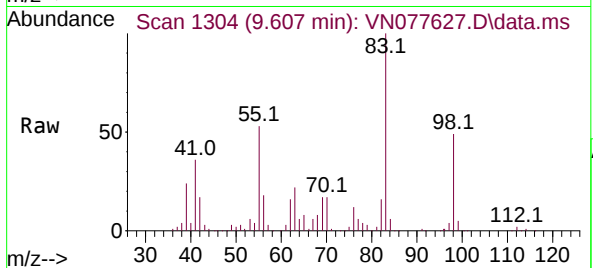
VSTDICCC050

Tgt Ion: 83 Resp: 653784
 Ion Ratio Lower Upper
 83 100
 55 53.2 49.1 73.7
 98 49.2 40.6 61.0

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 49.728 ug/l

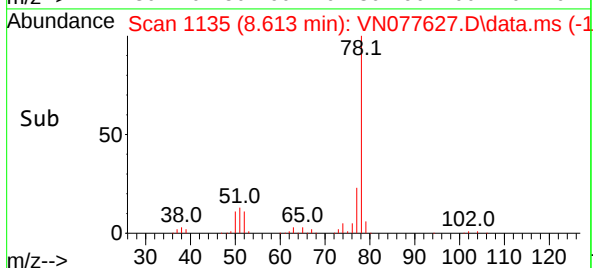
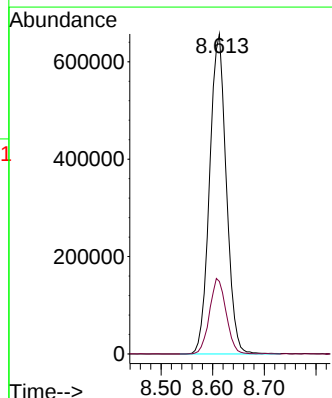
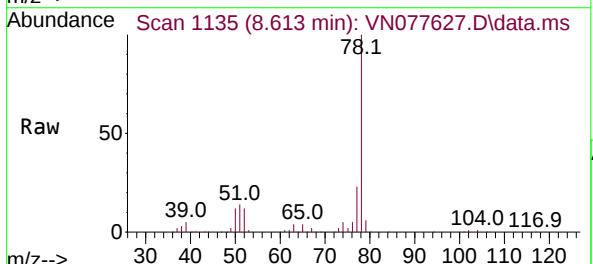
RT: 8.613 min Scan# 1135

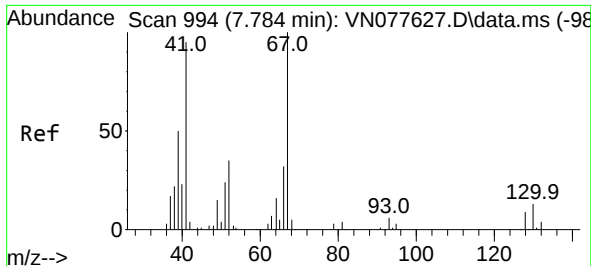
Delta R.T. 0.000 min

Lab File: VN077627.D

Acq: 09 May 2023 12:10

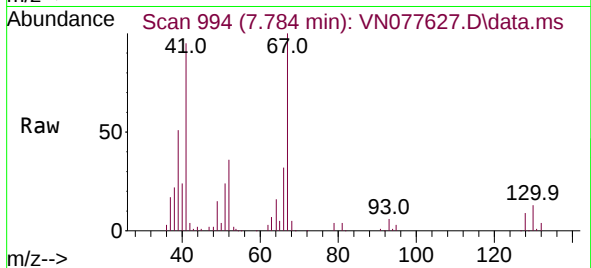
Tgt Ion: 78 Resp: 1473002
 Ion Ratio Lower Upper
 78 100
 77 22.7 19.0 28.6





#41
Methacrylonitrile
Concen: 51.315 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

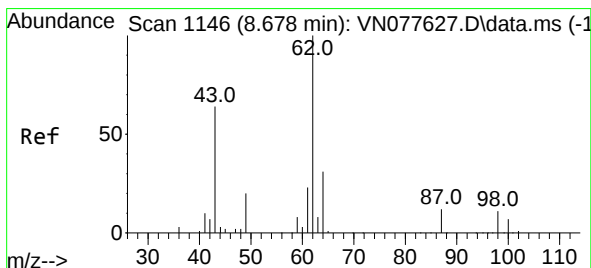
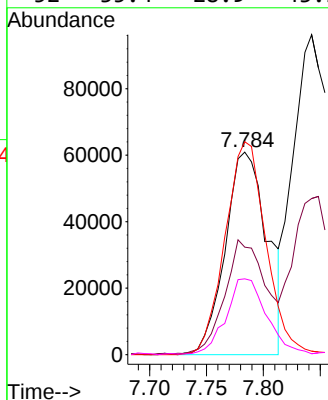
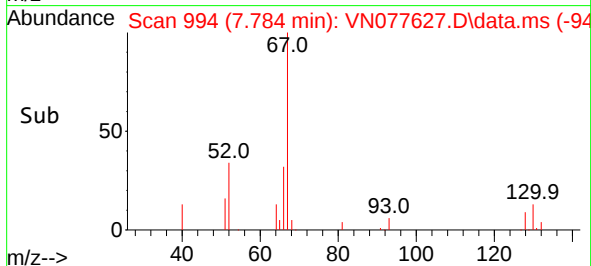
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



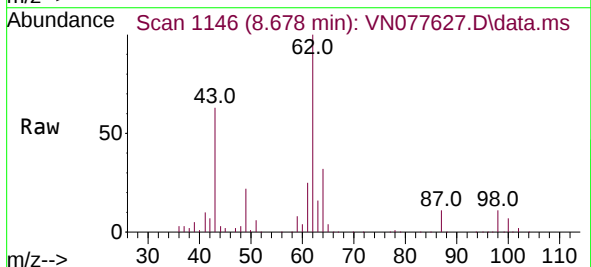
Tgt Ion: 41 Resp: 15697
Ion Ratio Lower Upper
41 100
39 55.1 42.6 64.0
67 102.3 77.5 116.3
52 35.4 28.9 43.3

Manual Integrations
APPROVED

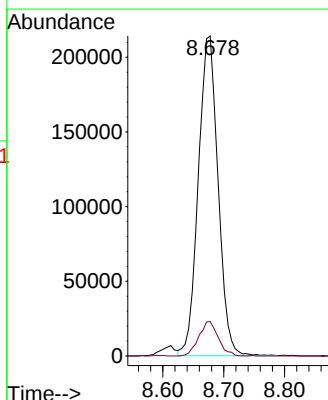
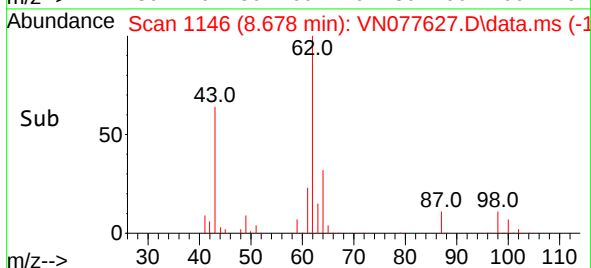
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

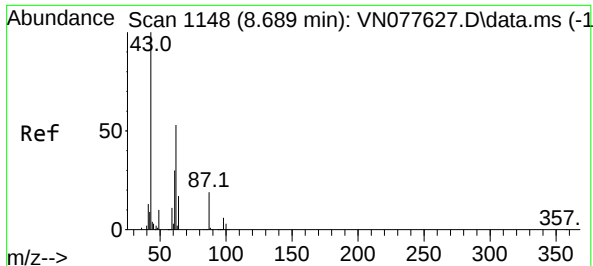


#42
1,2-Dichloroethane
Concen: 48.660 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



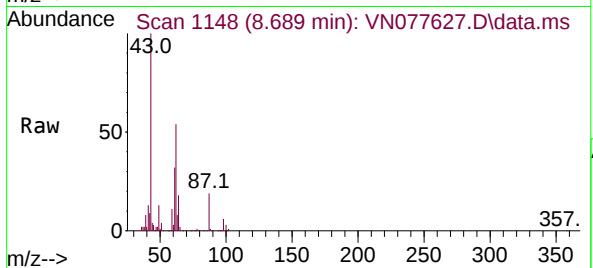
Tgt Ion: 62 Resp: 483342
Ion Ratio Lower Upper
62 100
98 10.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 50.858 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

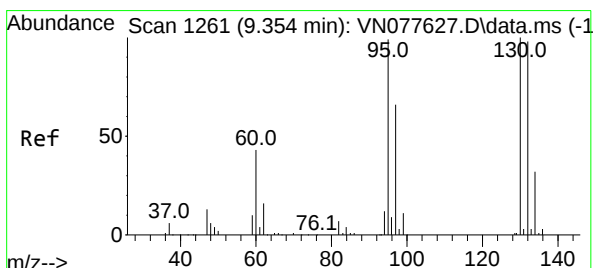
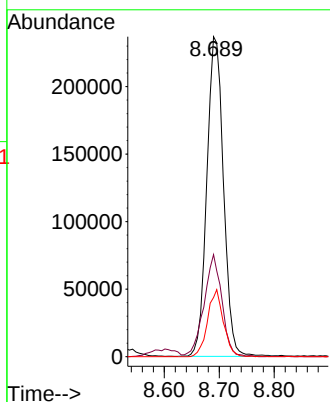
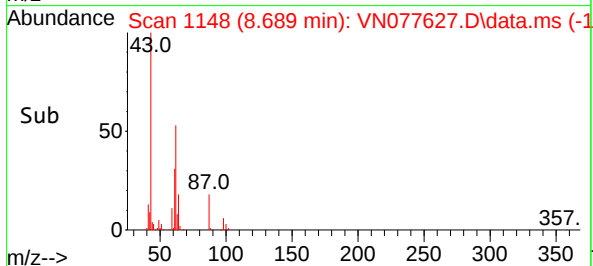
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



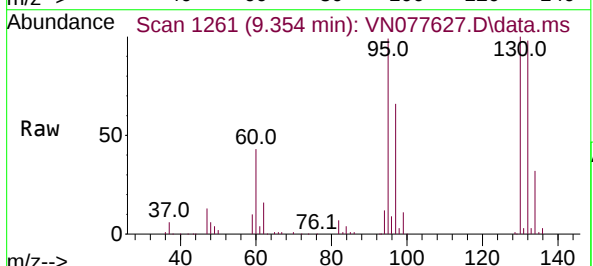
Tgt Ion: 43 Resp: 499230
Ion Ratio Lower Upper
43 100
61 34.3 24.7 37.1
87 19.9 14.6 21.8

Manual Integrations
APPROVED

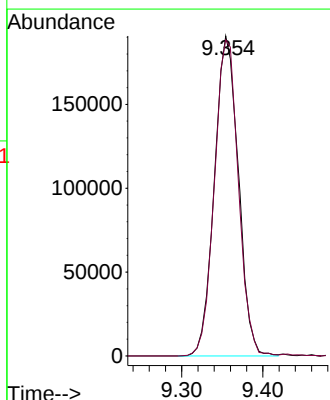
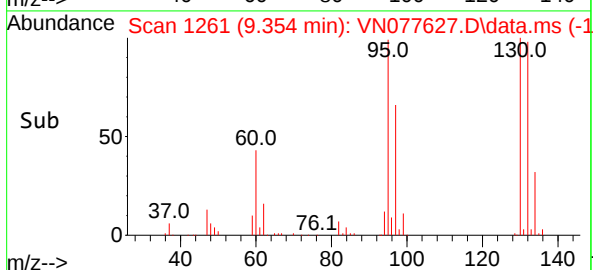
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

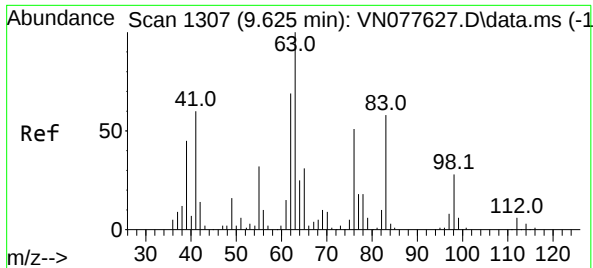


#44
Trichloroethene
Concen: 50.324 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



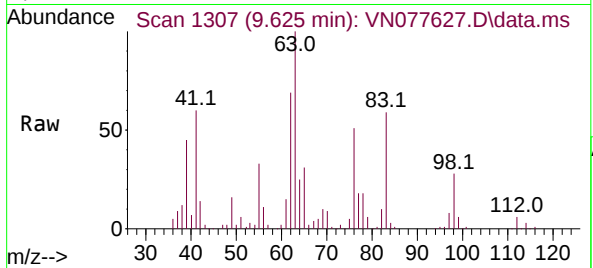
Tgt Ion:130 Resp: 391579
Ion Ratio Lower Upper
130 100
95 98.8 0.0 204.6





#45
1,2-Dichloropropane
Concen: 48.615 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

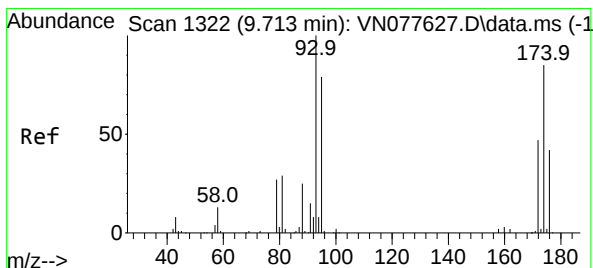
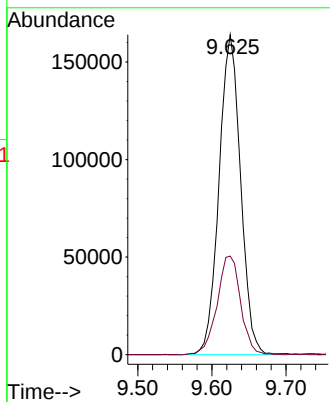
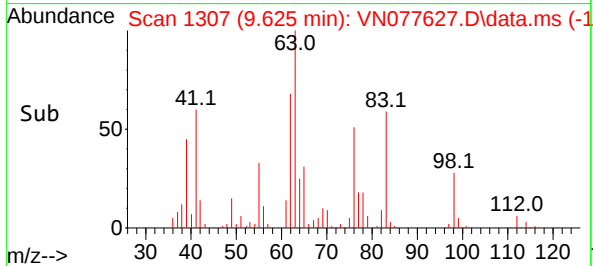
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 63 Resp: 33111
Ion Ratio Lower Upper
63 100
65 30.8 23.9 35.9

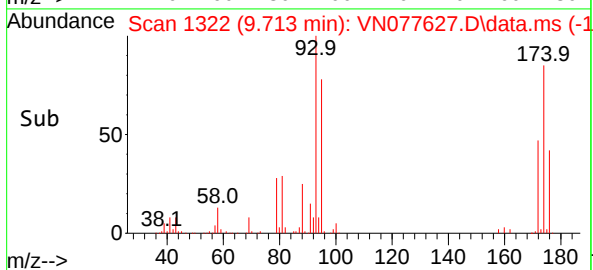
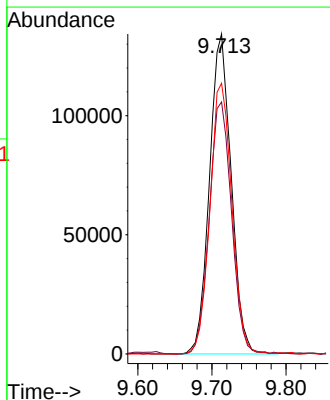
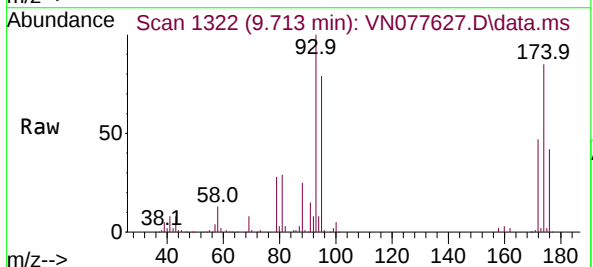
Manual Integrations
APPROVED

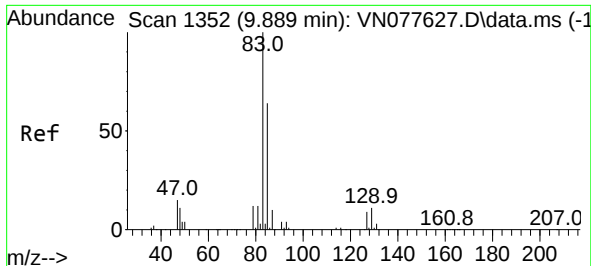
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#46
Dibromomethane
Concen: 51.452 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

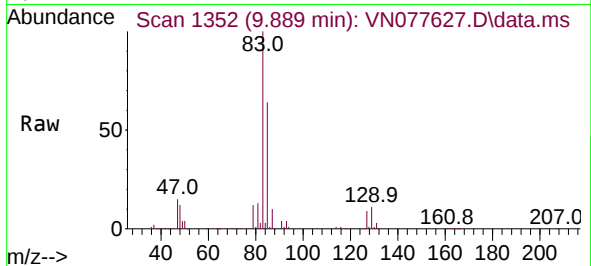
Tgt Ion: 93 Resp: 272597
Ion Ratio Lower Upper
93 100
95 81.3 63.8 95.8
174 85.6 65.6 98.4





#47
Bromodichloromethane
Concen: 51.680 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

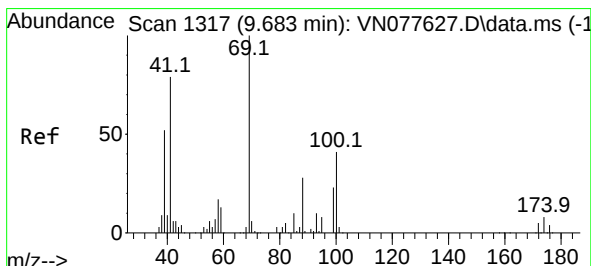
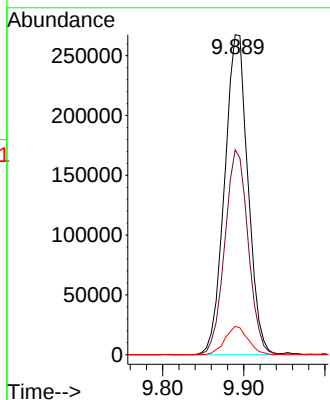
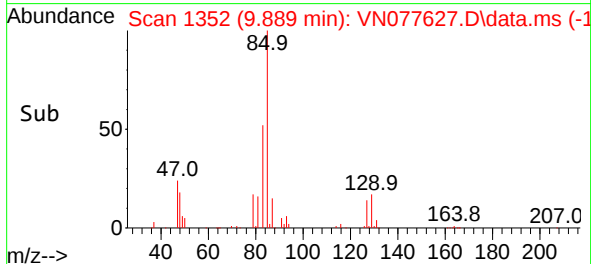
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 534788
Ion Ratio Lower Upper
83 100
85 64.1 49.6 74.4
127 8.8 7.0 10.6

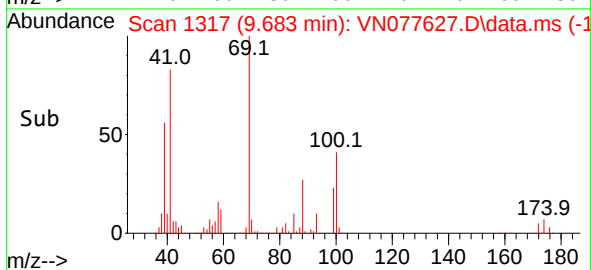
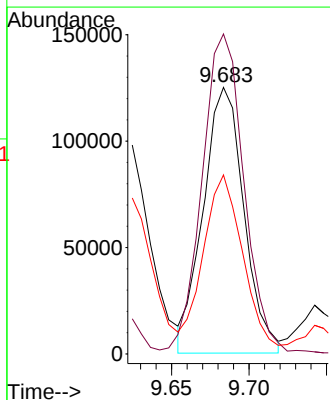
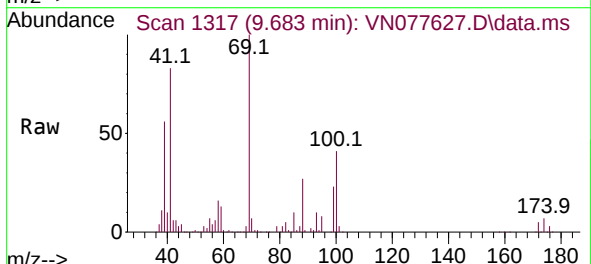
Manual Integrations
APPROVED

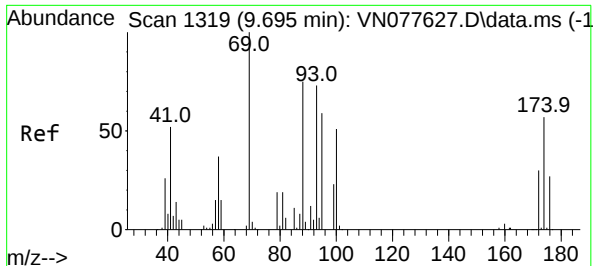
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#48
Methyl methacrylate
Concen: 49.545 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Tgt Ion: 41 Resp: 228264
Ion Ratio Lower Upper
41 100
69 124.5 90.4 135.6
39 66.3 54.6 81.8





#49

1,4-Dioxane

Concen: 983.489 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077627.D

Acq: 09 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 13475

Ion Ratio Lower Upper

88 100

43 17.5 17.0 25.6

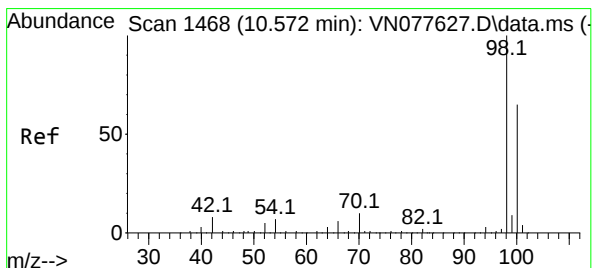
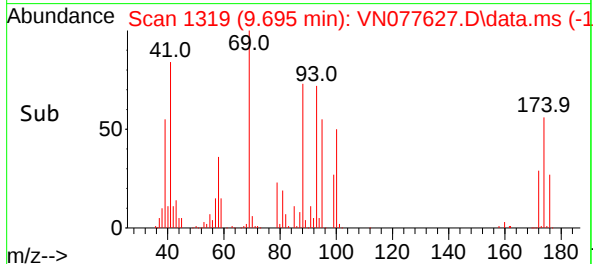
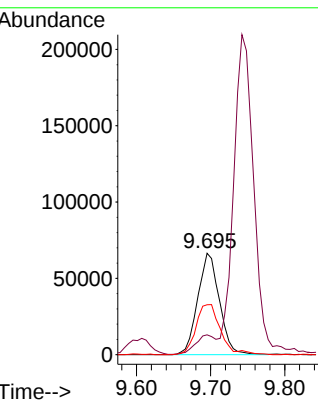
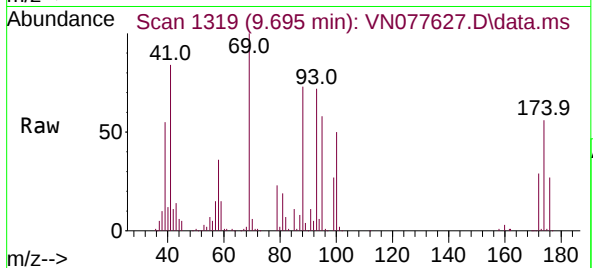
58 54.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#50

Toluene-d8

Concen: 50.399 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077627.D

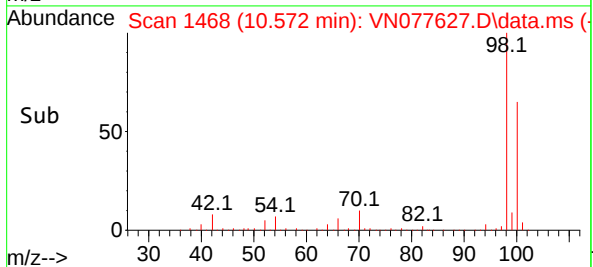
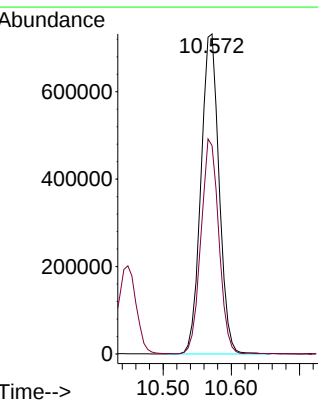
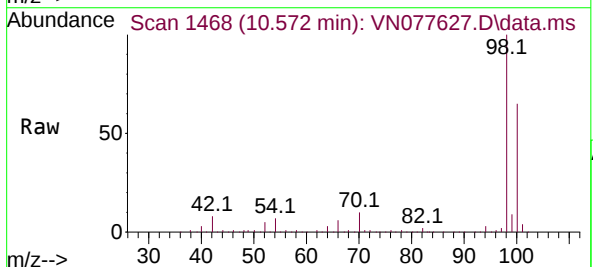
Acq: 09 May 2023 12:10

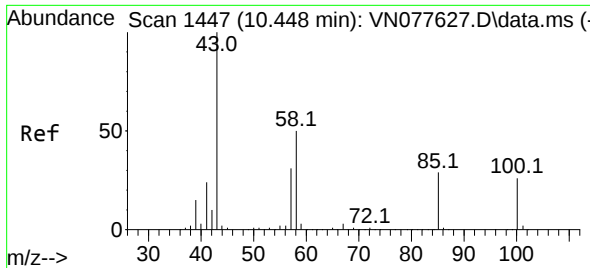
Tgt Ion: 98 Resp: 1353853

Ion Ratio Lower Upper

98 100

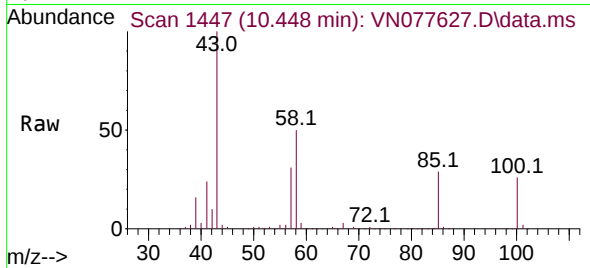
100 66.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 245.938 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

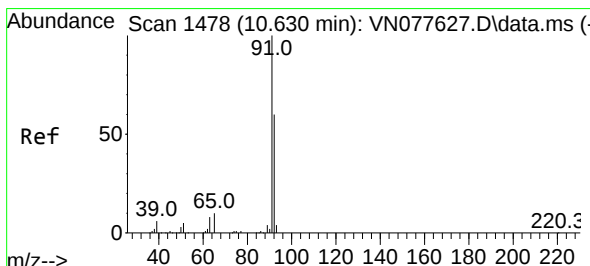
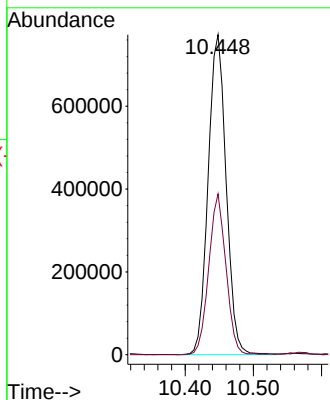
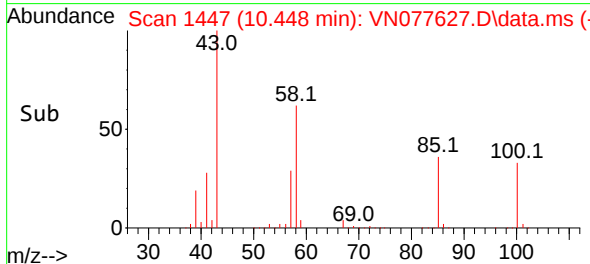
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1420300
Ion Ratio Lower Upper
43 100
58 48.1 36.6 54.8

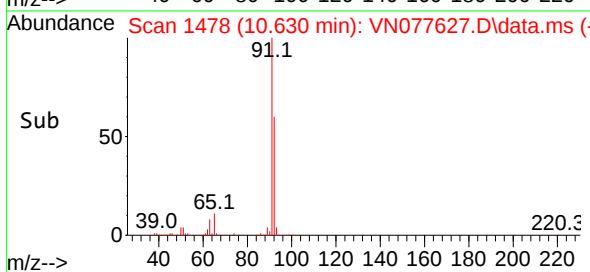
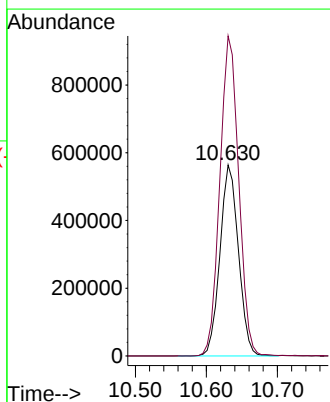
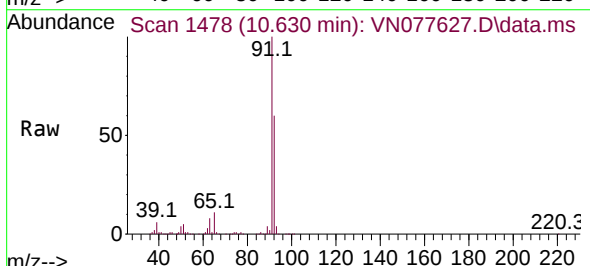
Manual Integrations
APPROVED

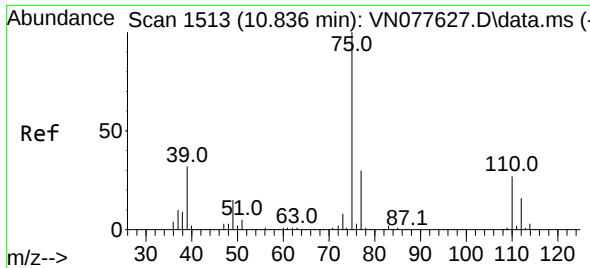
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#52
Toluene
Concen: 51.582 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Tgt Ion: 92 Resp: 1016273
Ion Ratio Lower Upper
92 100
91 171.1 137.4 206.0





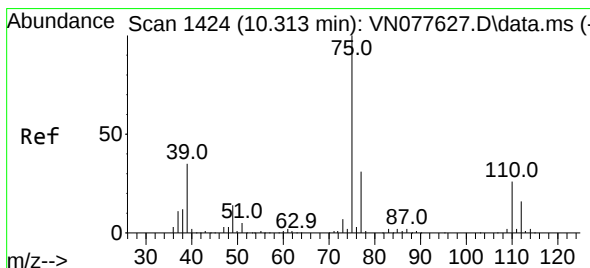
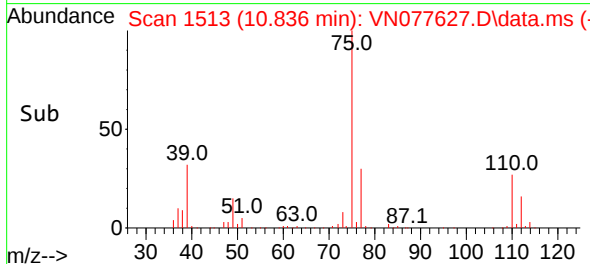
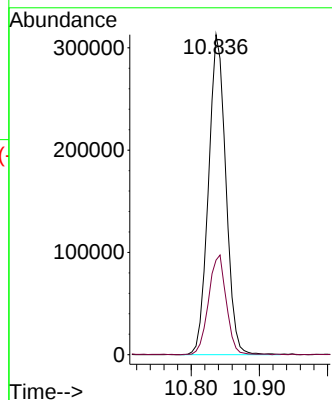
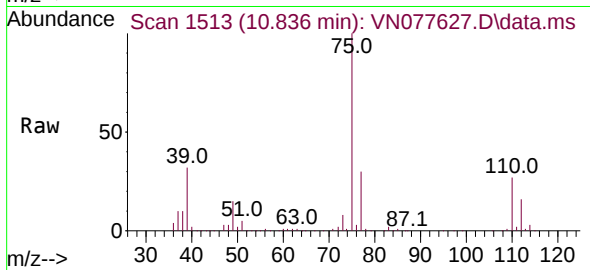
#53
t-1,3-Dichloropropene
Concen: 55.000 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 554538
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0

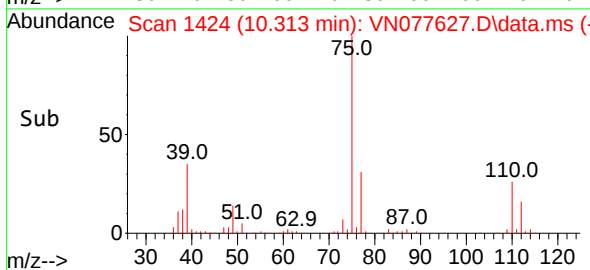
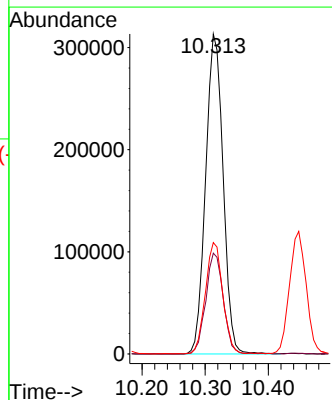
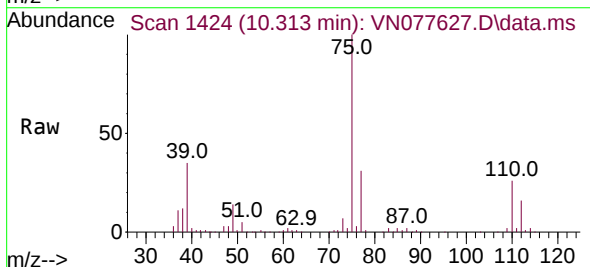
Manual Integrations
APPROVED

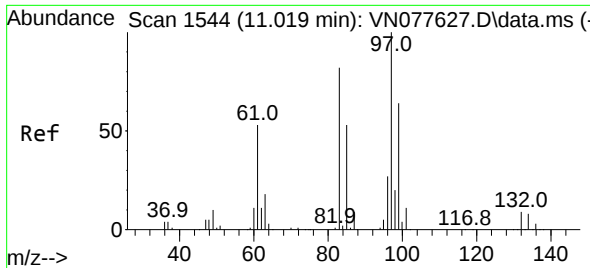
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#54
cis-1,3-Dichloropropene
Concen: 52.521 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

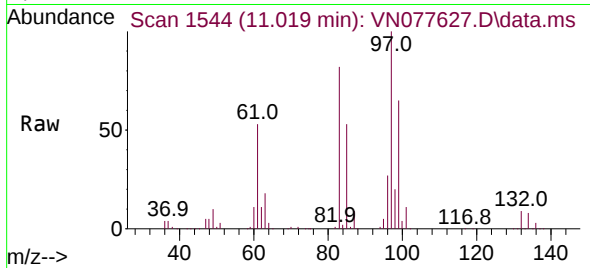
Tgt Ion: 75 Resp: 602454
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 34.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.500 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

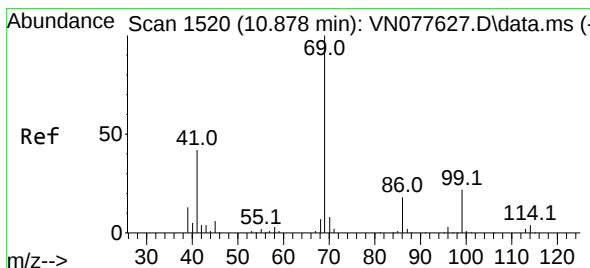
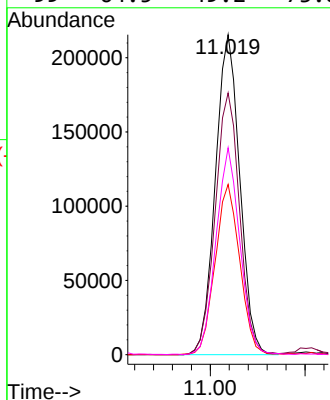
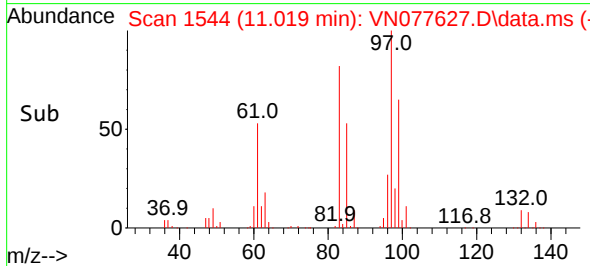
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



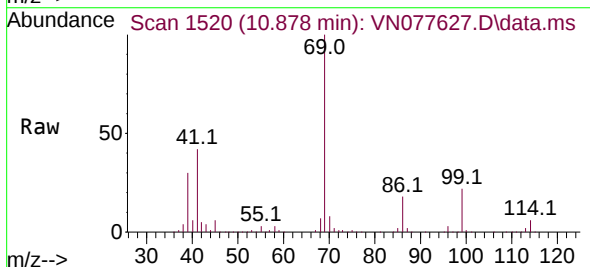
Tgt Ion: 97 Resp: 38578
Ion Ratio Lower Upper
97 100
83 81.8 65.1 97.7
85 53.2 43.4 65.2
99 64.5 49.2 73.8

Manual Integrations
APPROVED

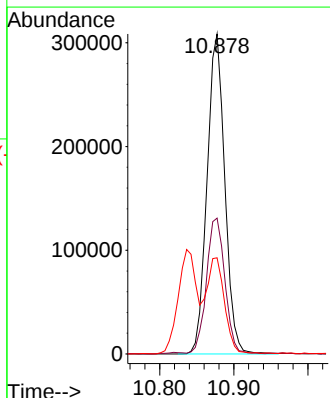
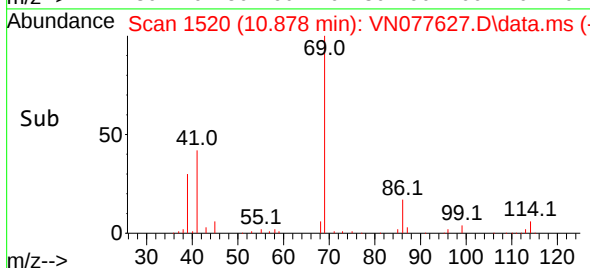
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

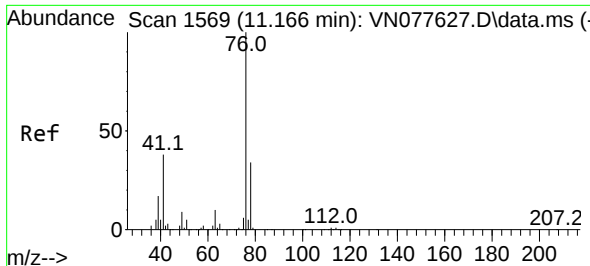


#56
Ethyl methacrylate
Concen: 53.256 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



Tgt Ion: 69 Resp: 513061
Ion Ratio Lower Upper
69 100
41 43.8 39.6 59.4
39 30.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.206 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077627.D

Acq: 09 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 62881

Ion Ratio Lower Upper

76 100

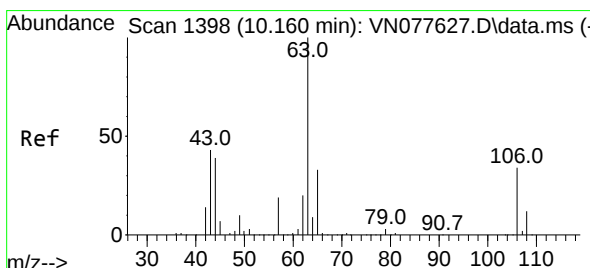
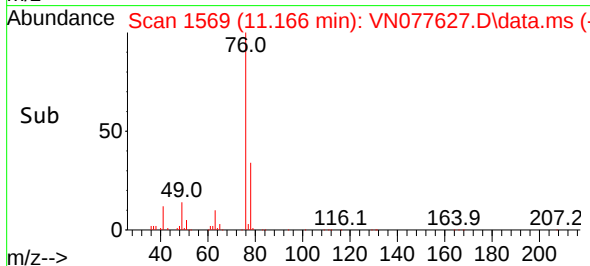
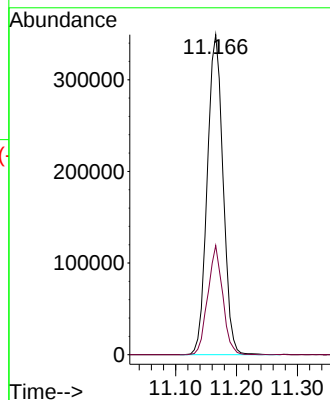
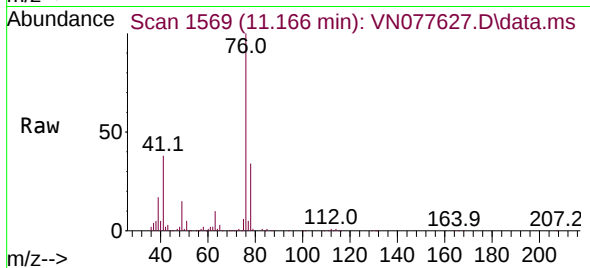
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 255.539 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VN077627.D

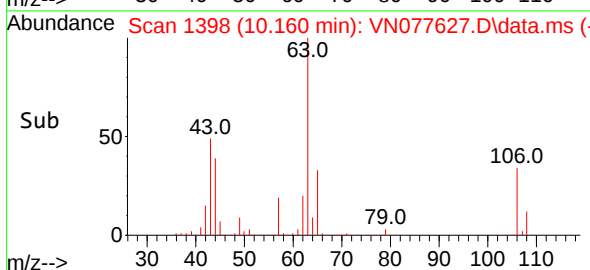
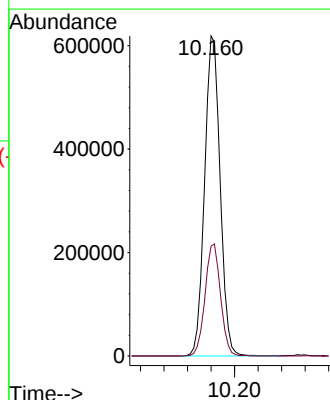
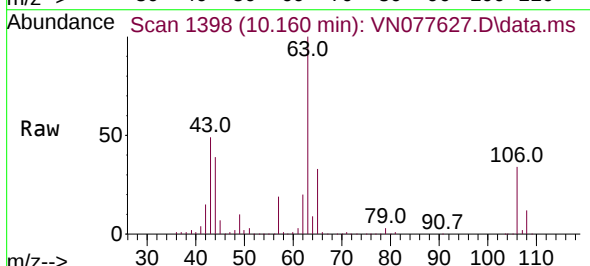
Acq: 09 May 2023 12:10

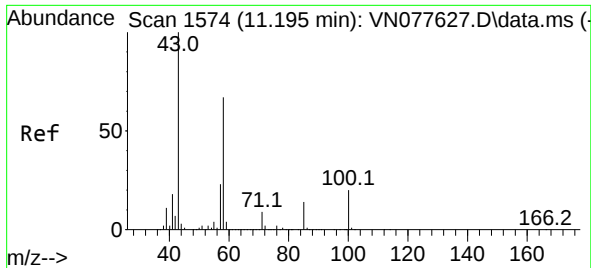
Tgt Ion: 63 Resp: 1136549

Ion Ratio Lower Upper

63 100

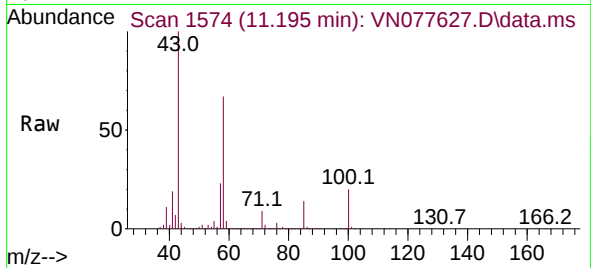
106 34.9 26.2 39.4





#59
2-Hexanone
Concen: 251.939 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

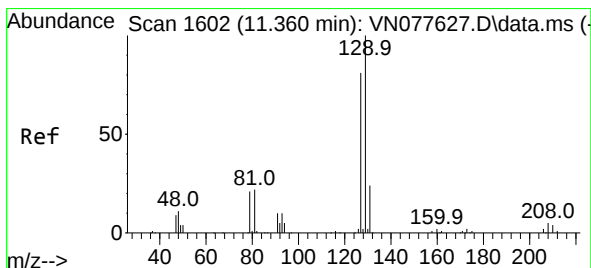
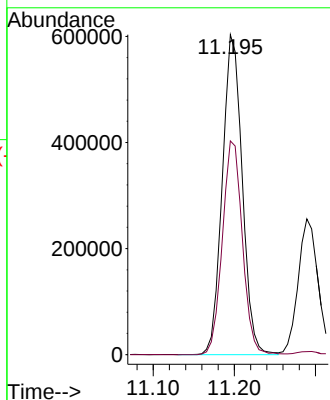
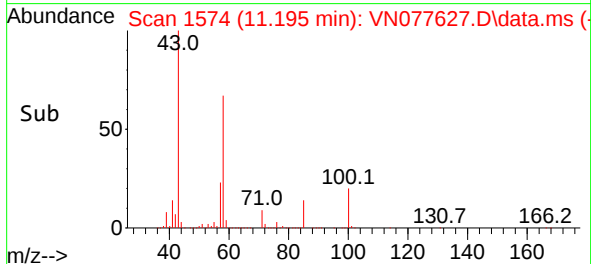
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 1028300
Ion Ratio Lower Upper
43 100
58 67.2 31.7 95.1

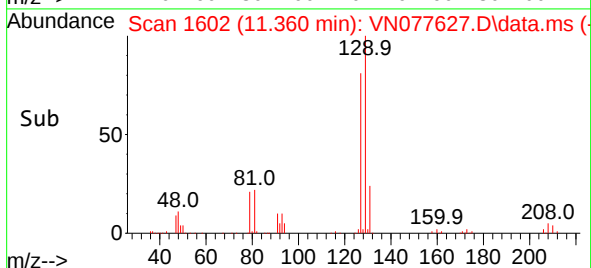
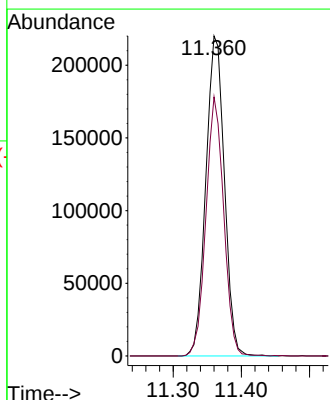
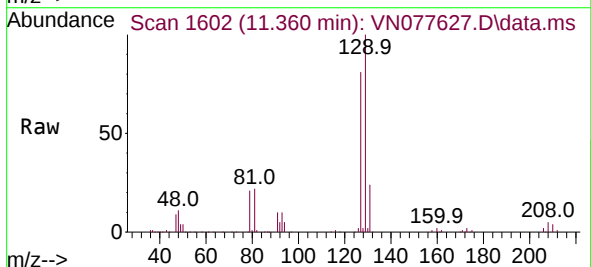
Manual Integrations
APPROVED

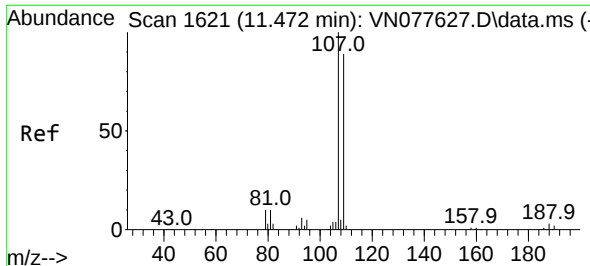
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#60
Dibromochloromethane
Concen: 54.910 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

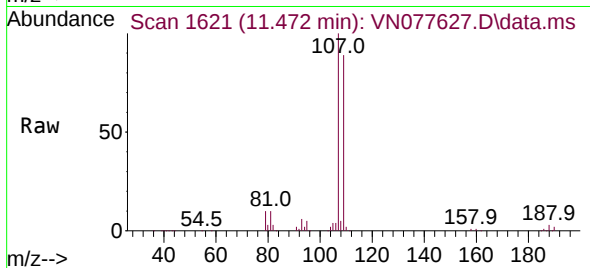
Tgt Ion:129 Resp: 416419
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.766 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

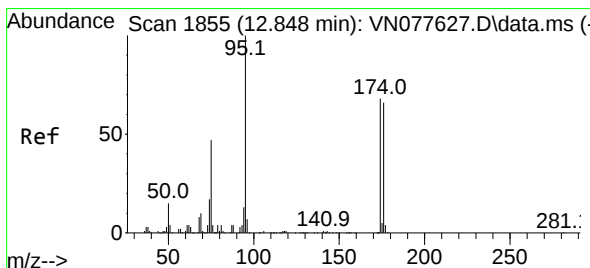
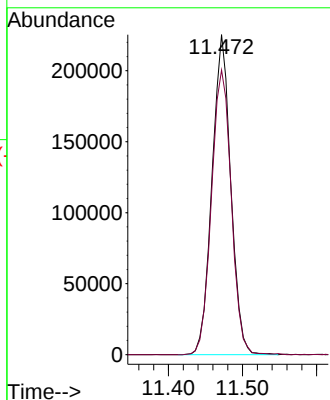
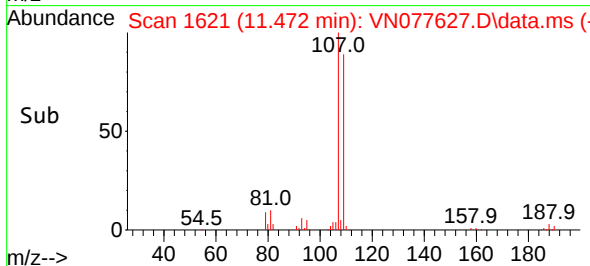
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



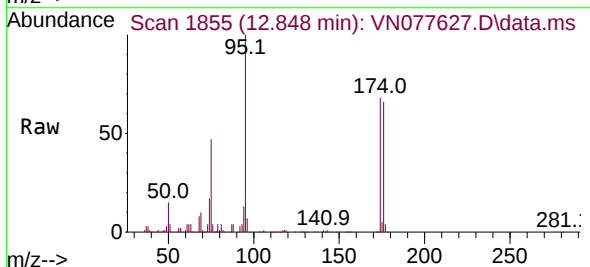
Tgt Ion:107 Resp: 39629
Ion Ratio Lower Upper
107 100
109 93.9 76.6 114.8

Manual Integrations
APPROVED

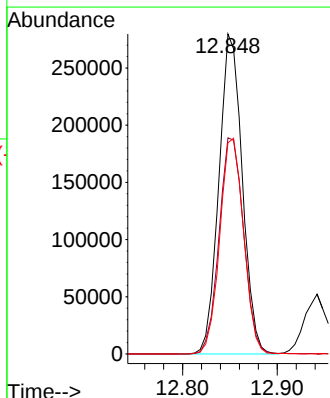
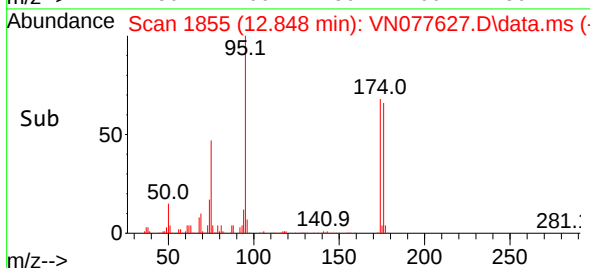
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

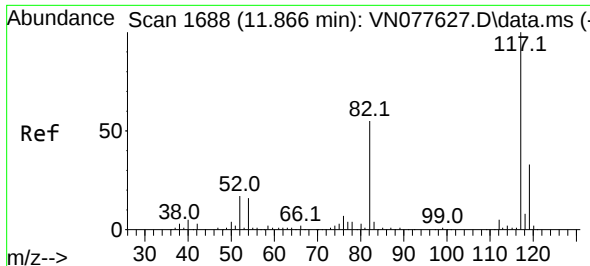


#62
4-Bromofluorobenzene
Concen: 52.764 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



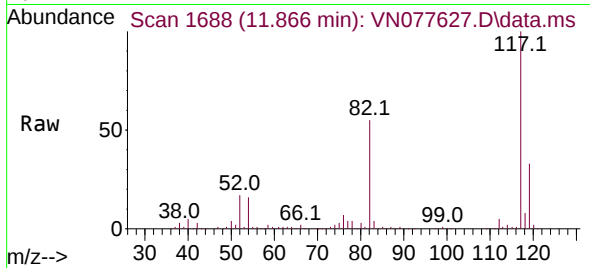
Tgt Ion: 95 Resp: 479387
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.8
176 68.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

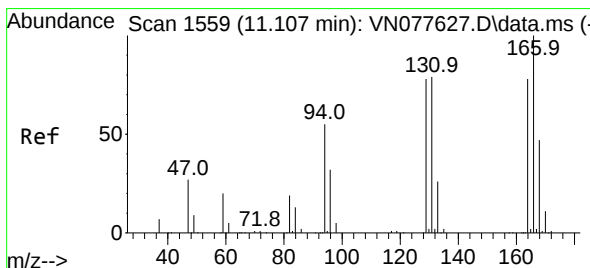
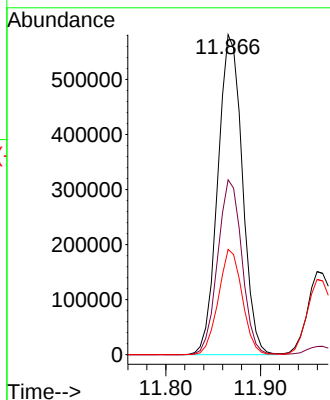
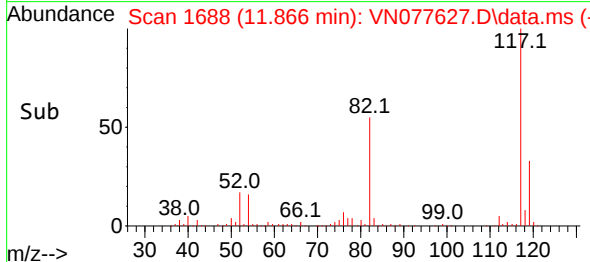
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 1046492
Ion Ratio Lower Upper
117 100
82 54.7 44.0 66.0
119 32.9 25.6 38.4

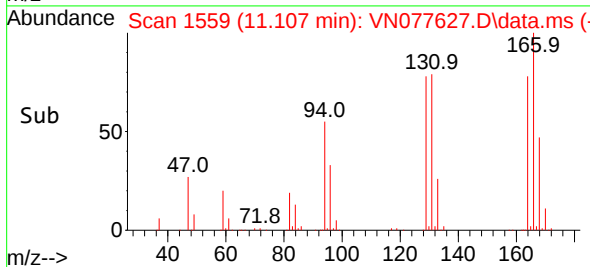
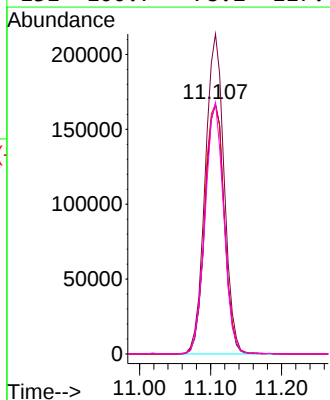
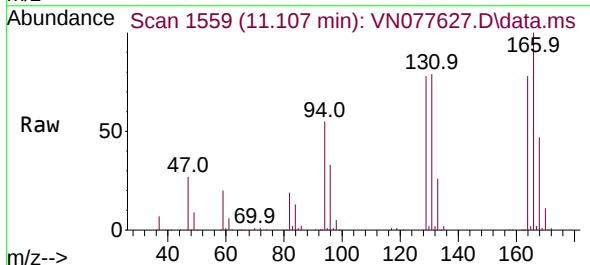
Manual Integrations
APPROVED

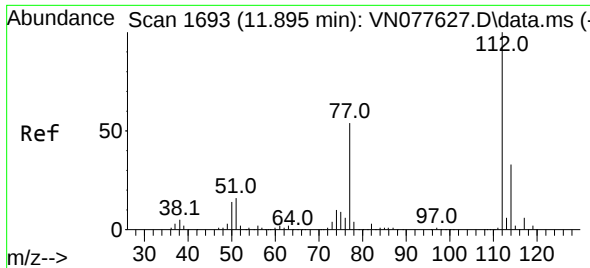
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#64
Tetrachloroethene
Concen: 50.431 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

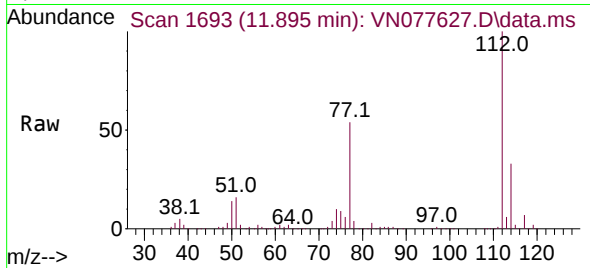
Tgt Ion:164 Resp: 314097
Ion Ratio Lower Upper
164 100
166 128.1 101.4 152.0
129 100.0 82.4 123.6
131 100.7 78.2 117.4





#65
Chlorobenzene
Concen: 49.828 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

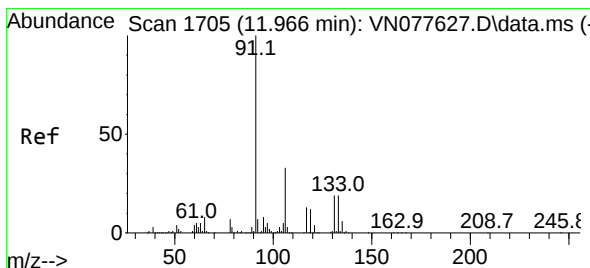
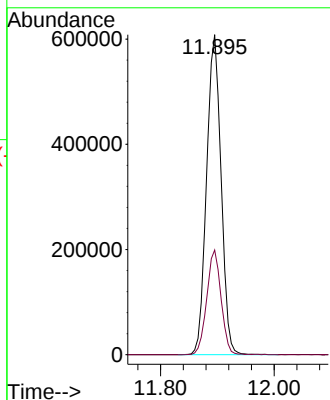
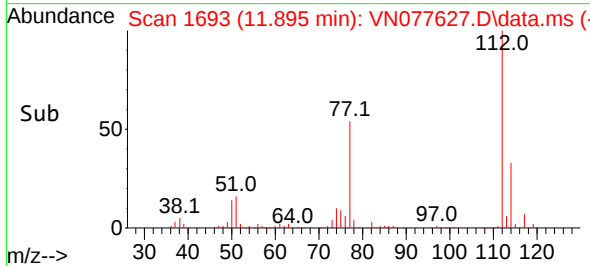
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



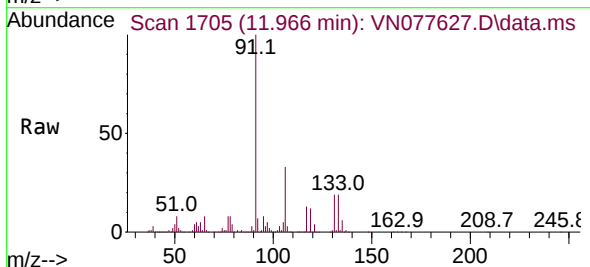
Tgt Ion:112 Resp: 1071849
Ion Ratio Lower Upper
112 100
114 32.7 25.0 37.4

Manual Integrations
APPROVED

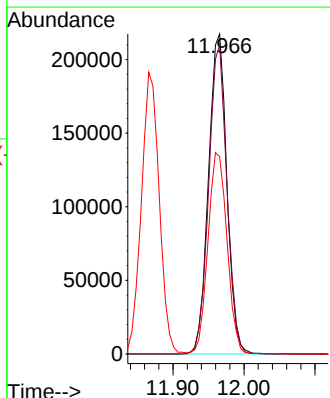
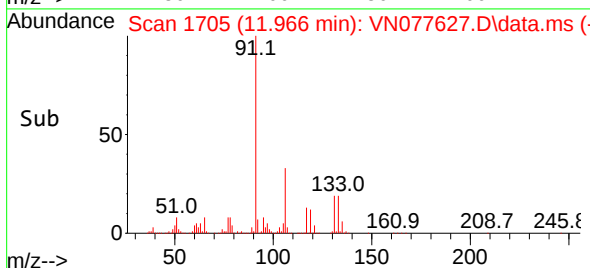
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

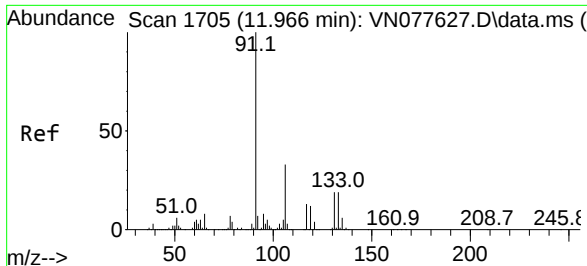


#66
1,1,1,2-Tetrachloroethane
Concen: 50.214 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



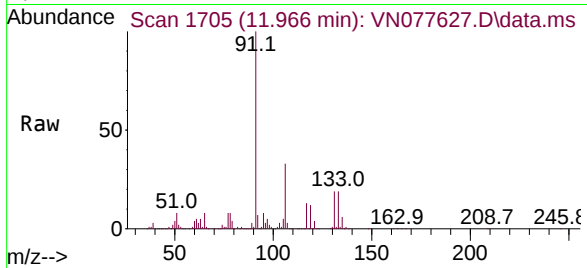
Tgt Ion:131 Resp: 389145
Ion Ratio Lower Upper
131 100
133 95.9 46.4 139.1
119 65.3 34.1 102.2





#67
Ethyl Benzene
Concen: 51.564 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

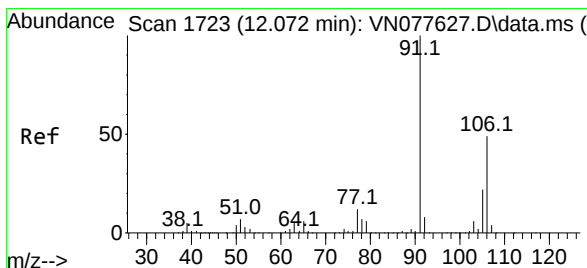
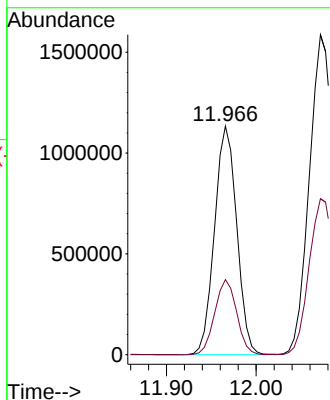
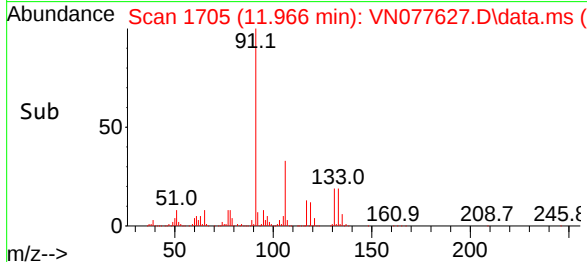
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 1947304
Ion Ratio Lower Upper
91 100
106 32.8 25.6 38.4

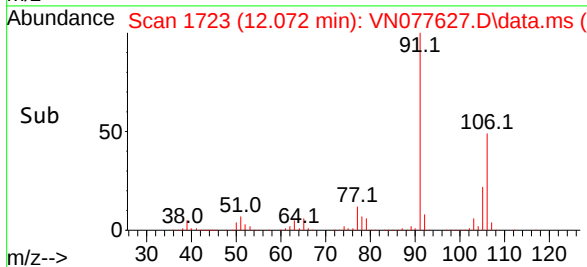
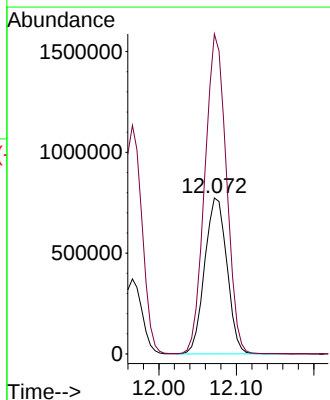
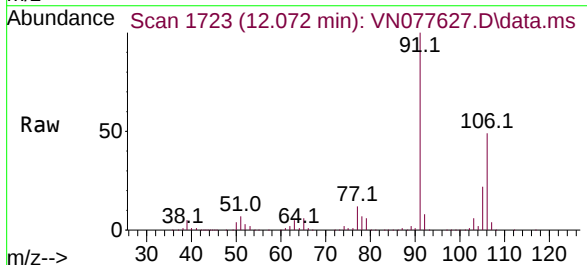
Manual Integrations
APPROVED

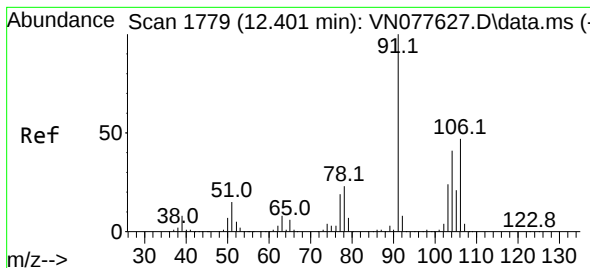
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#68
m/p-Xylenes
Concen: 103.200 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Tgt Ion:106 Resp: 1543112
Ion Ratio Lower Upper
106 100
91 198.7 159.6 239.4





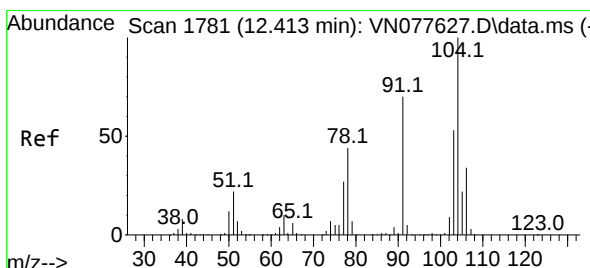
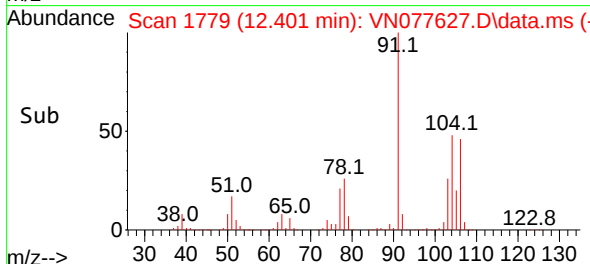
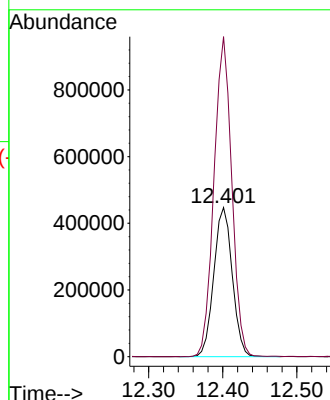
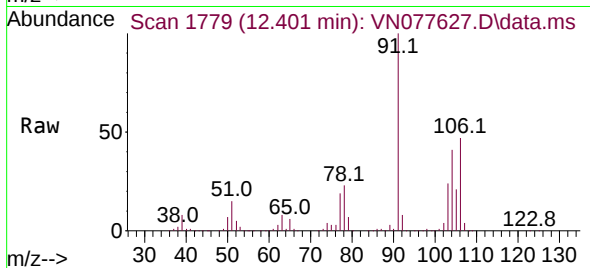
#69
o-Xylene
Concen: 51.580 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 773044
Ion Ratio Lower Upper
106 100
91 206.8 105.2 315.5

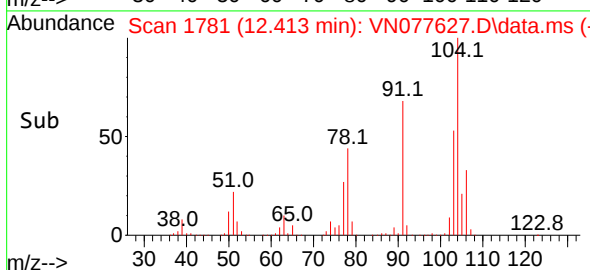
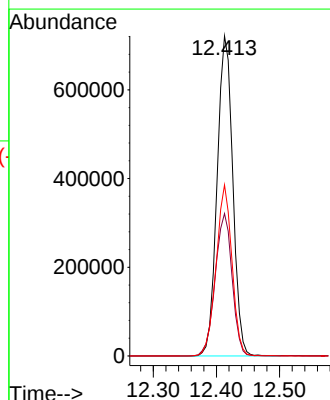
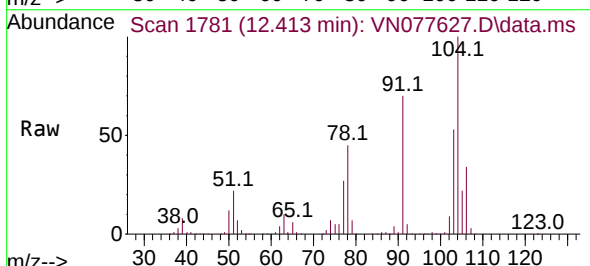
Manual Integrations
APPROVED

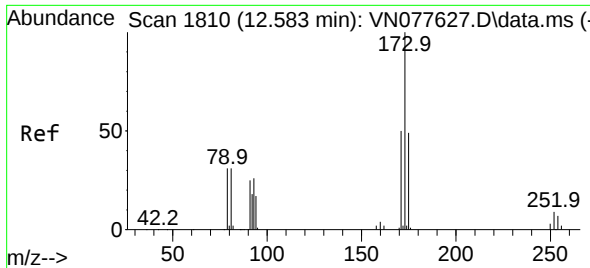
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#70
Styrene
Concen: 54.085 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

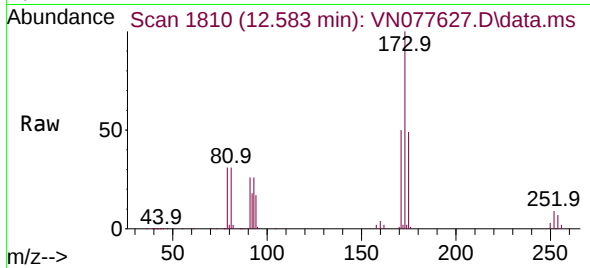
Tgt Ion:104 Resp: 1241432
Ion Ratio Lower Upper
104 100
78 48.0 39.5 59.3
103 54.1 43.2 64.8





#71
Bromoform
Concen: 54.541 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

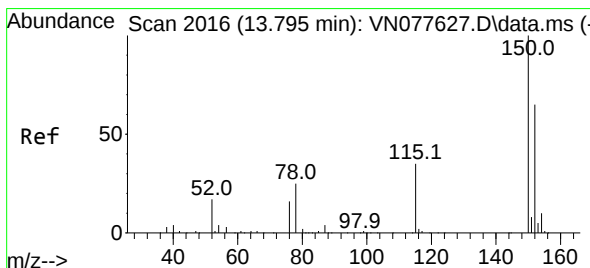
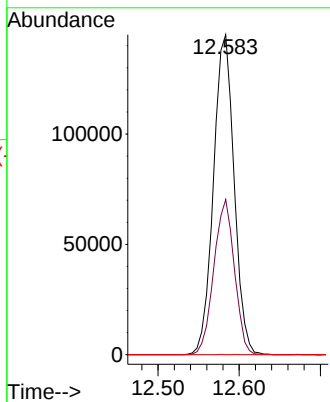
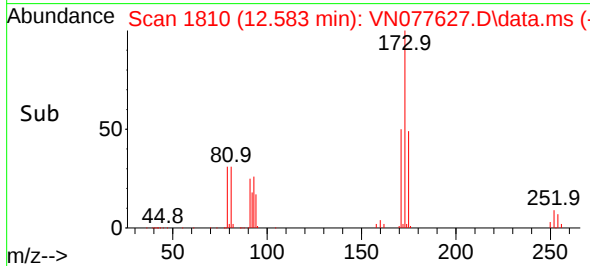
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:173 Resp: 256512
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0

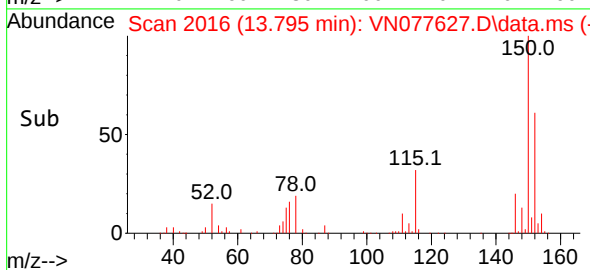
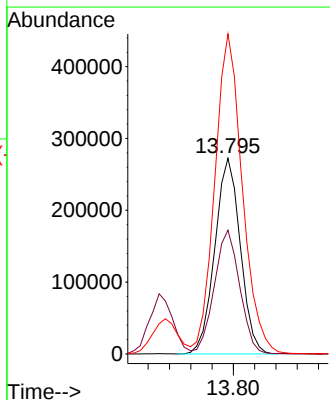
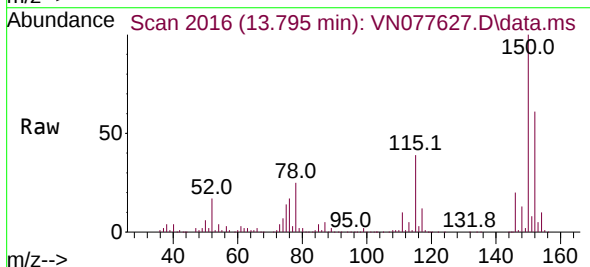
Manual Integrations
APPROVED

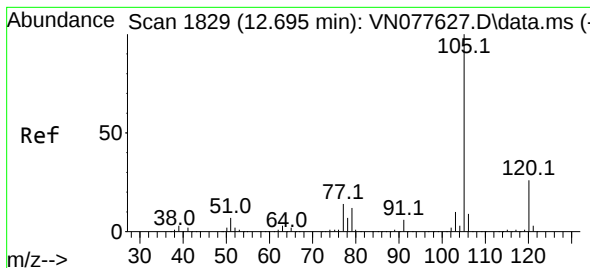
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Tgt Ion:152 Resp: 452259
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 176.6 0.0 355.8





#73

Isopropylbenzene

Concen: 49.651 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. 0.000 min

Lab File: VN077627.D

Acq: 09 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 200315

Ion Ratio Lower Upper

105 100

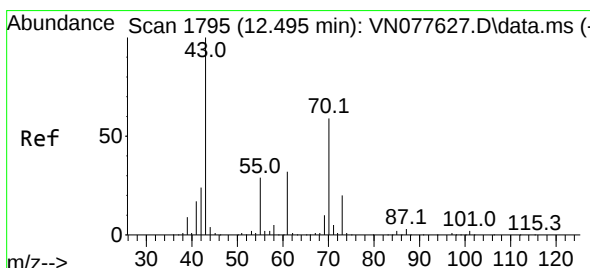
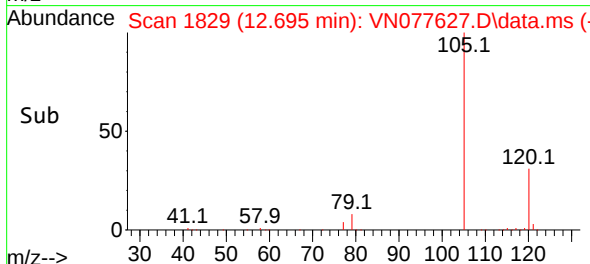
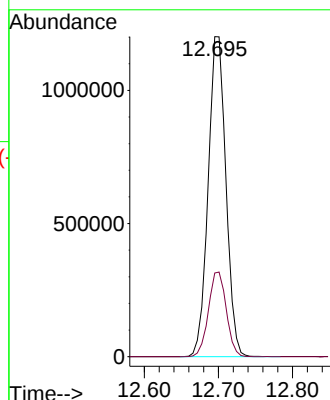
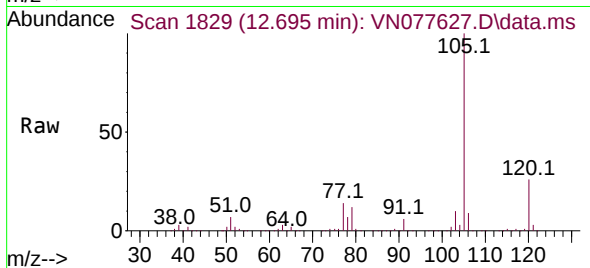
120 26.6 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#74

N-ethyl acetate

Concen: 49.186 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077627.D

Acq: 09 May 2023 12:10

Tgt Ion: 43 Resp: 437935

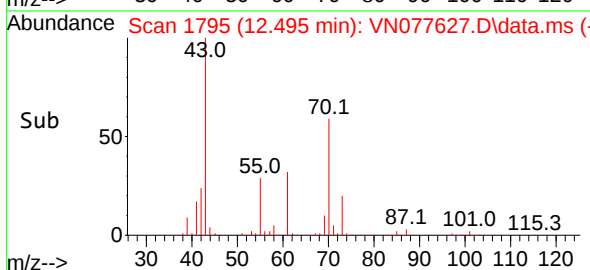
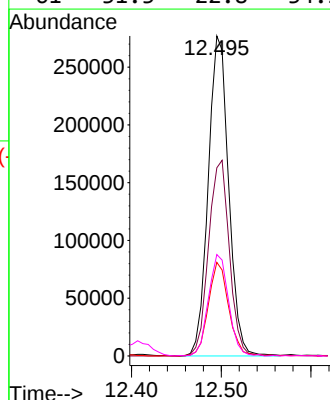
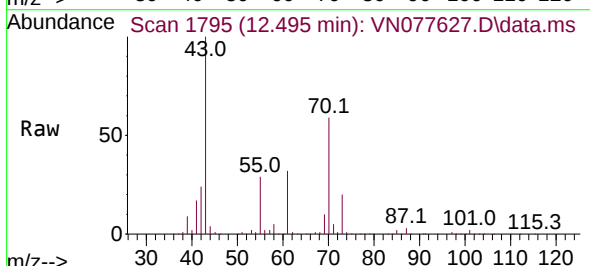
Ion Ratio Lower Upper

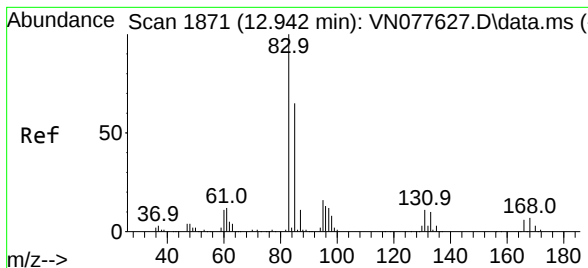
43 100

70 62.3 43.4 65.2

55 29.2 21.4 32.0

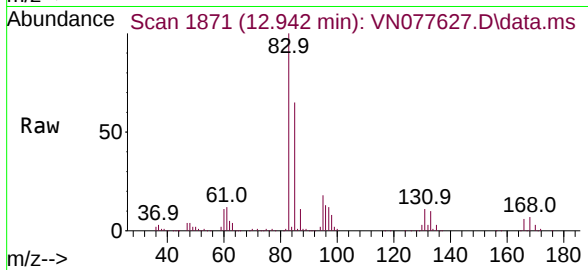
61 31.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.382 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

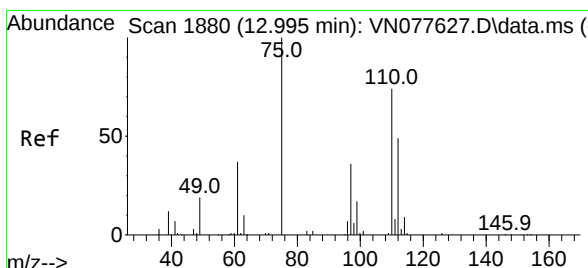
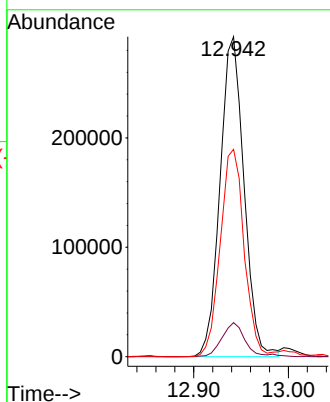
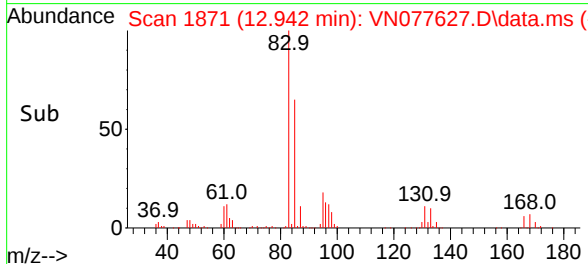
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 51442
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 64.3 31.9 95.7

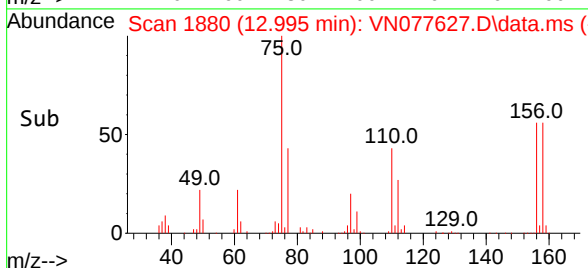
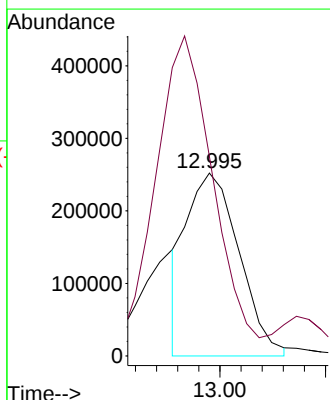
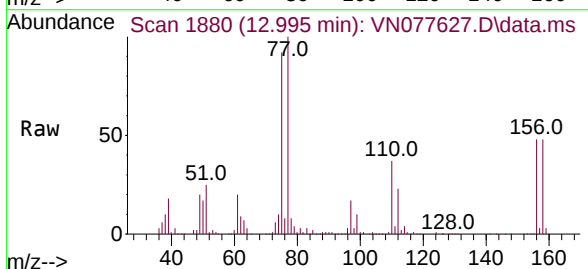
Manual Integrations
APPROVED

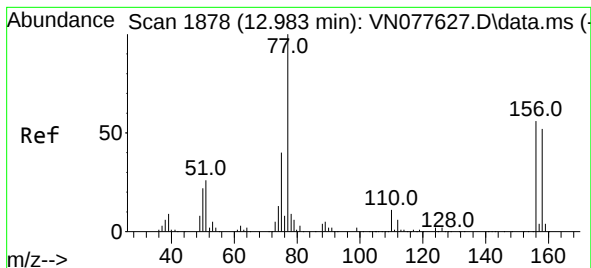
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#76
1,2,3-Trichloropropane
Concen: 49.014 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Tgt Ion: 75 Resp: 436590
Ion Ratio Lower Upper
75 100
77 194.2 84.5 253.5





#77

Bromobenzene

Concen: 46.720 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077627.D

Acq: 09 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:156 Resp: 41744

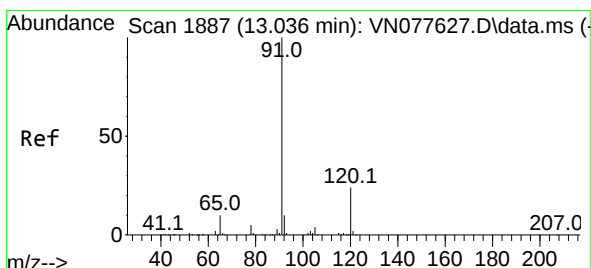
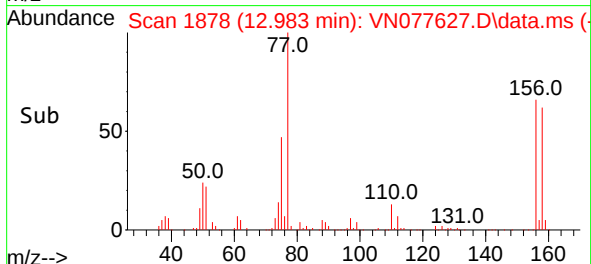
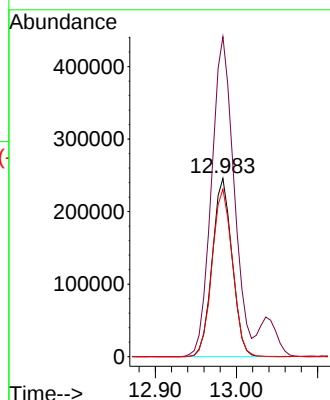
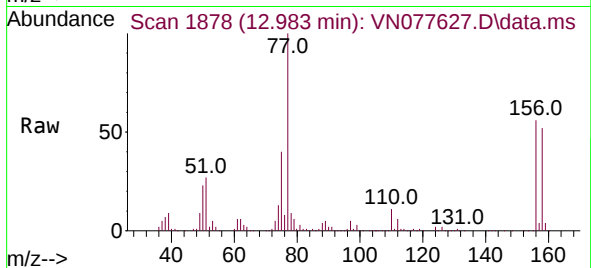
Ion	Ratio	Lower	Upper
156	100		
77	203.1	107.7	323.3
158	96.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/10/2023



#78

n-propylbenzene

Concen: 51.973 ug/l

RT: 13.036 min Scan# 1887

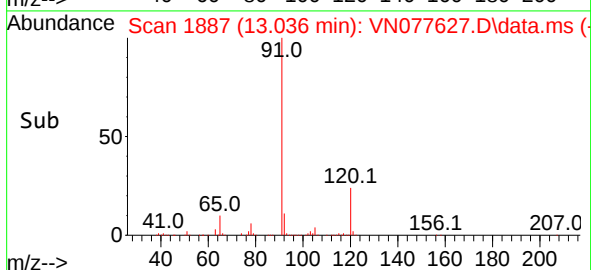
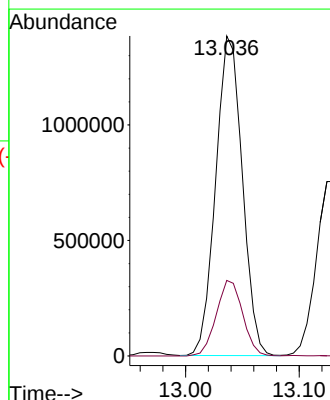
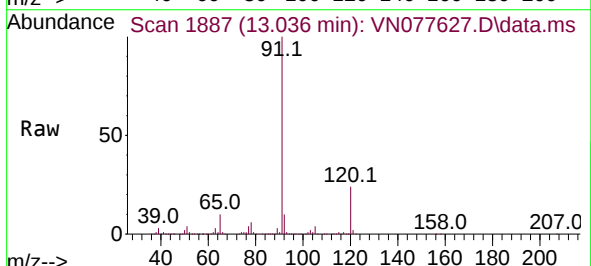
Delta R.T. 0.000 min

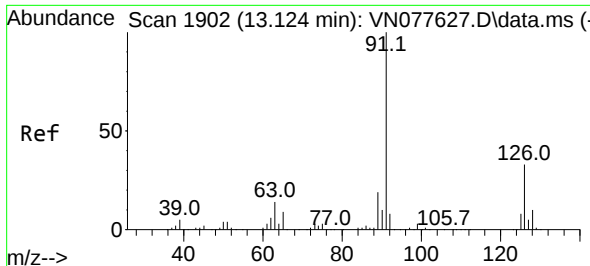
Lab File: VN077627.D

Acq: 09 May 2023 12:10

Tgt Ion: 91 Resp: 2250834

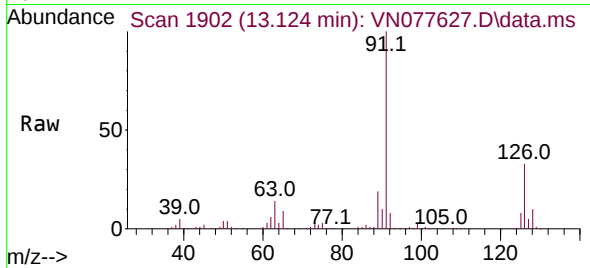
Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.5	34.4





#79
2-Chlorotoluene
Concen: 48.559 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

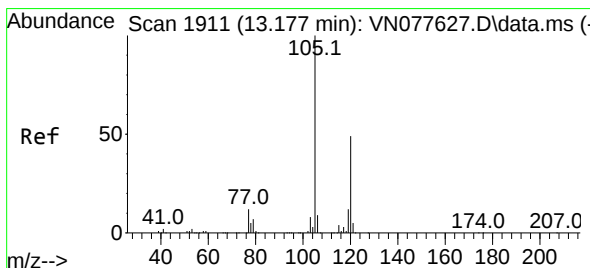
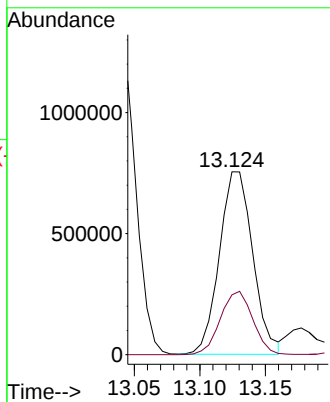
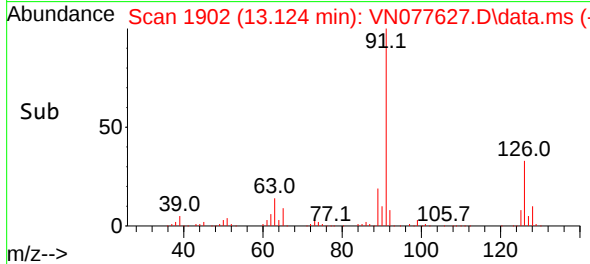
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



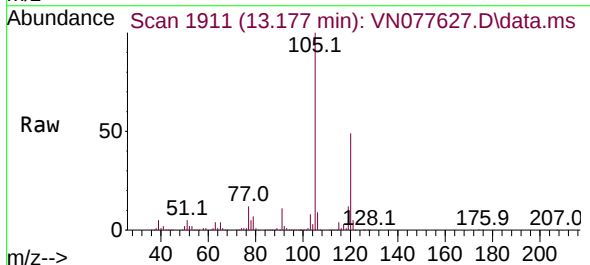
Tgt Ion: 91 Resp: 1339428
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

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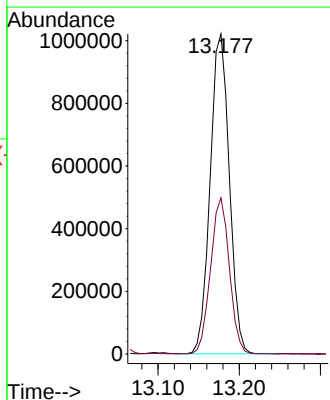
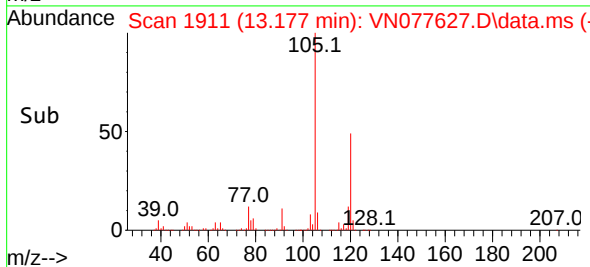
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

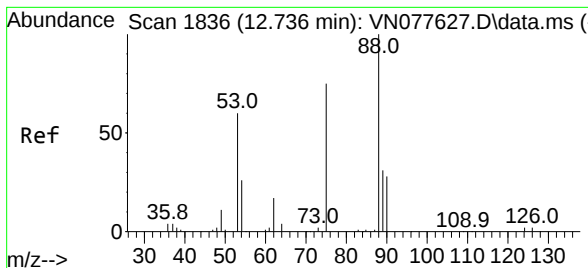


#80
1,3,5-Trimethylbenzene
Concen: 54.183 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



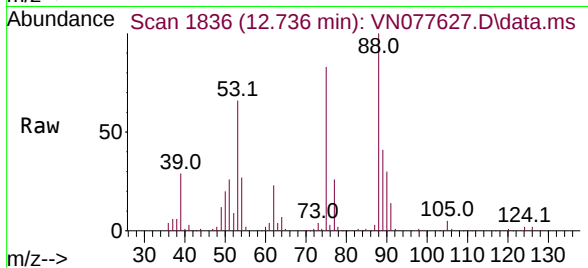
Tgt Ion:105 Resp: 1672364
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 52.872 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

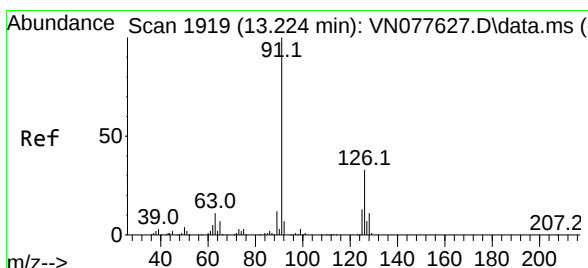
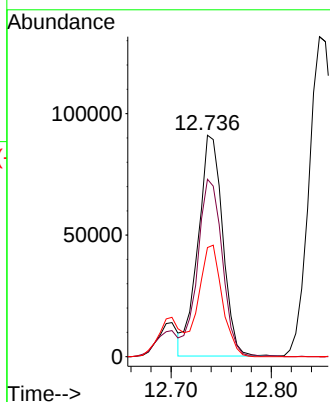
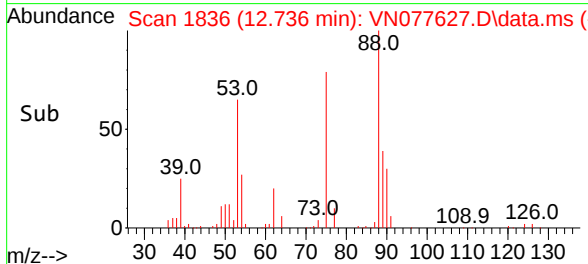
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



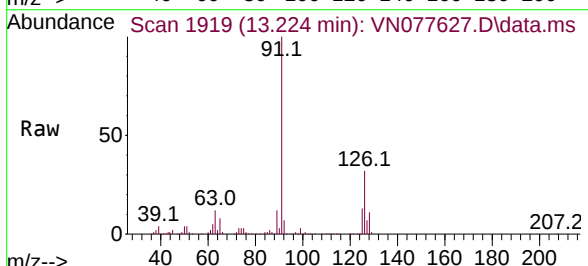
Tgt Ion: 75 Resp: 154975
Ion Ratio Lower Upper
75 100
53 81.7 67.4 101.2
89 48.5 38.8 58.2

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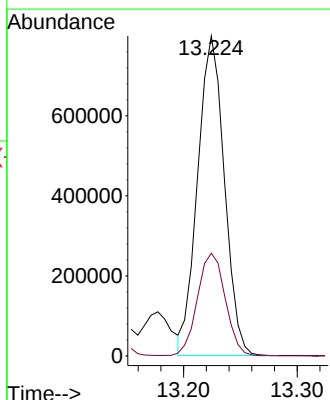
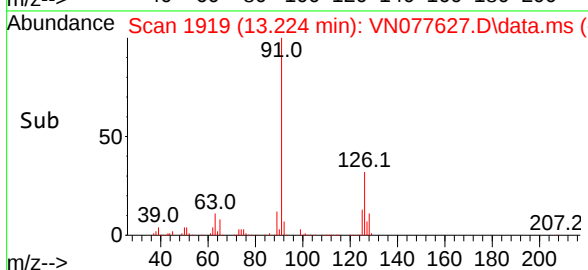
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

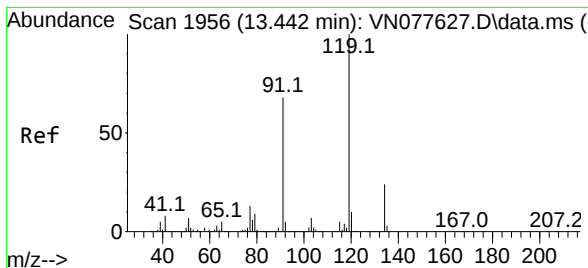


#82
4-Chlorotoluene
Concen: 50.331 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



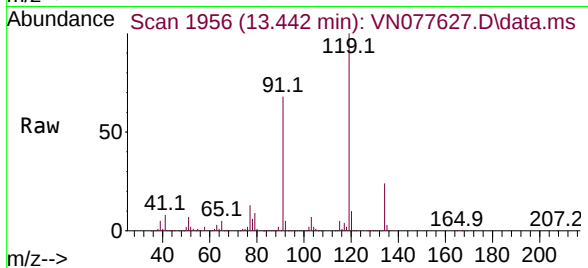
Tgt Ion: 91 Resp: 1301980
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 48.842 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

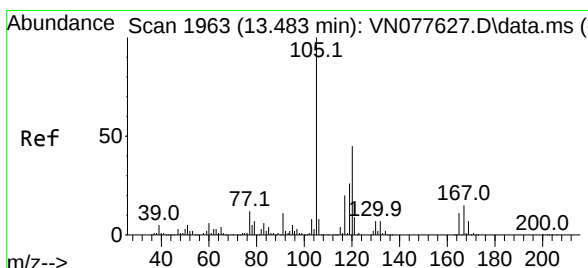
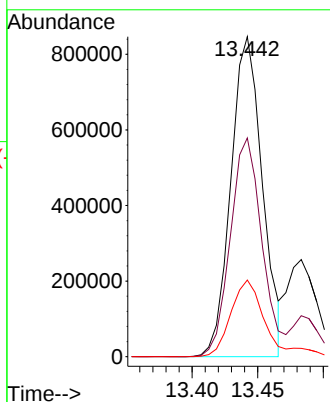
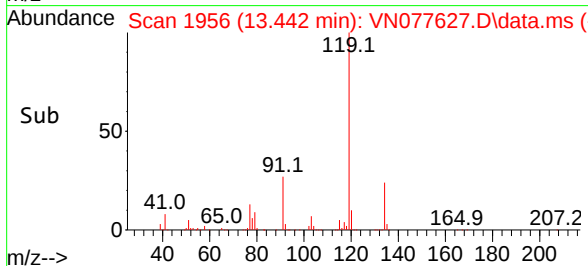
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:119 Resp: 1416609
Ion Ratio Lower Upper
119 100
91 68.9 33.9 101.7
134 26.4 13.2 39.6

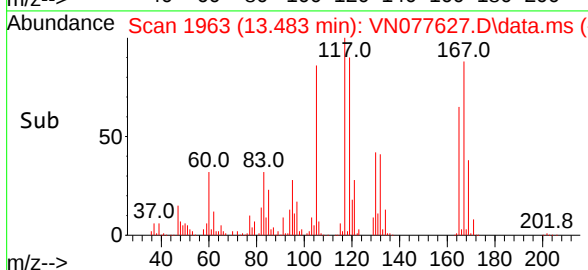
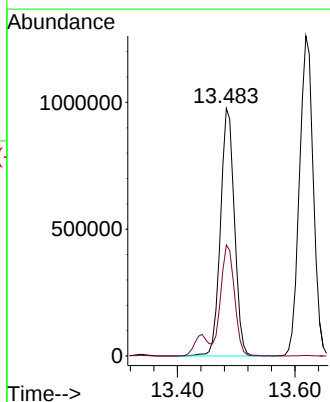
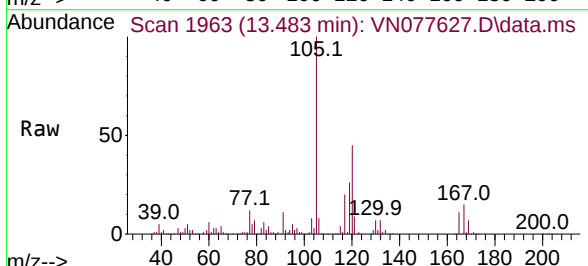
Manual Integrations
APPROVED

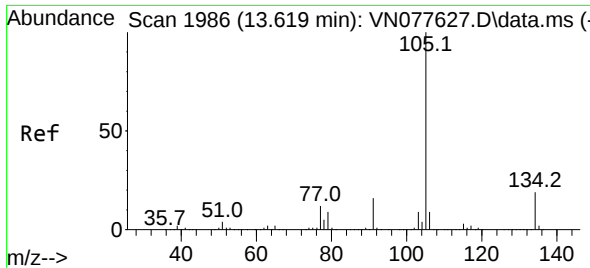
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#84
1,2,4-Trimethylbenzene
Concen: 55.541 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

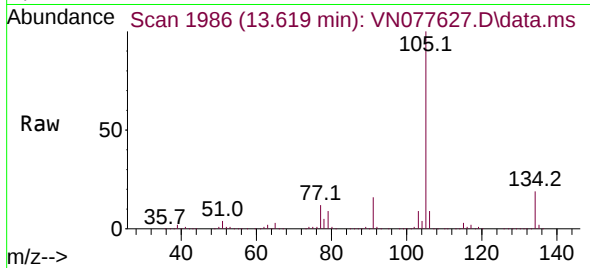
Tgt Ion:105 Resp: 1611039
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 52.721 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077627.D
 Acq: 09 May 2023 12:10

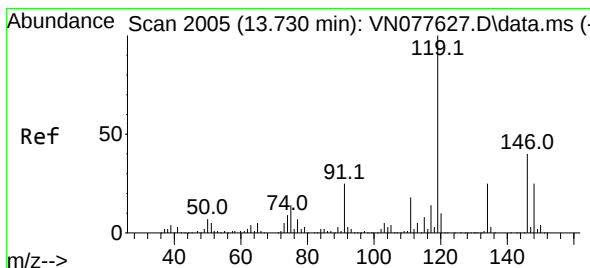
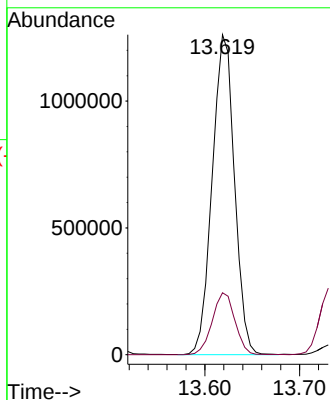
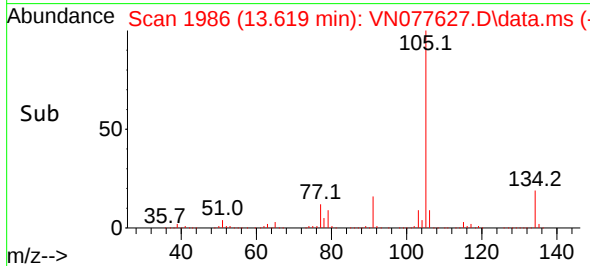
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



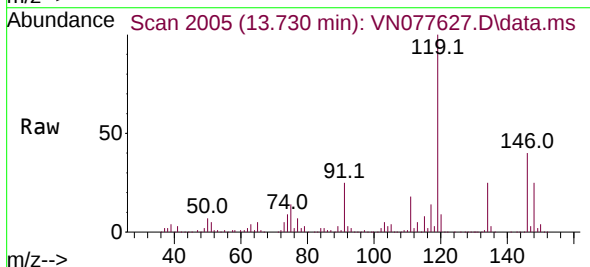
Tgt Ion:105 Resp: 205835
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

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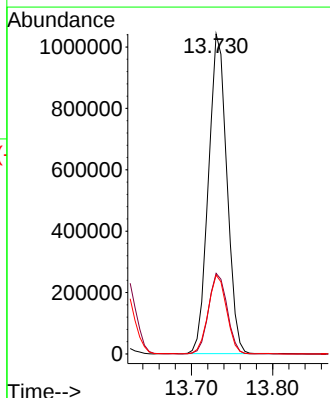
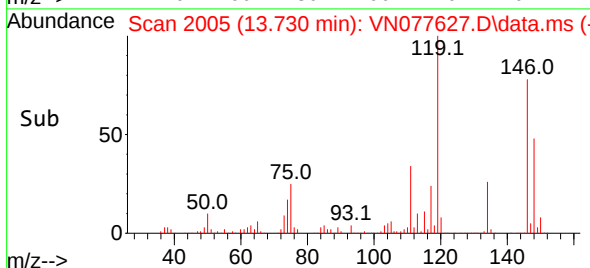
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023

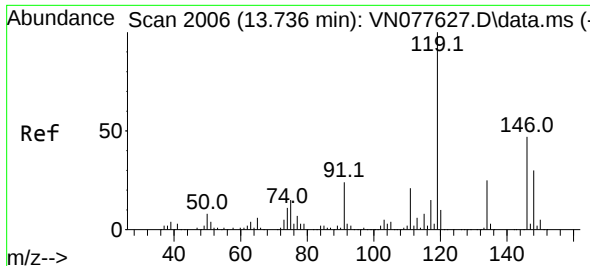


#86
 p-Isopropyltoluene
 Concen: 53.734 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077627.D
 Acq: 09 May 2023 12:10



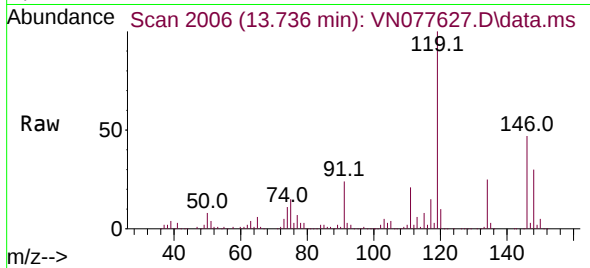
Tgt Ion:119 Resp: 1640521
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 49.701 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

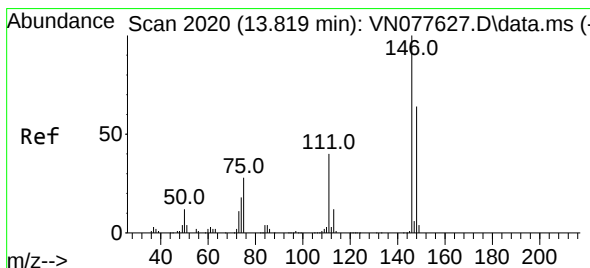
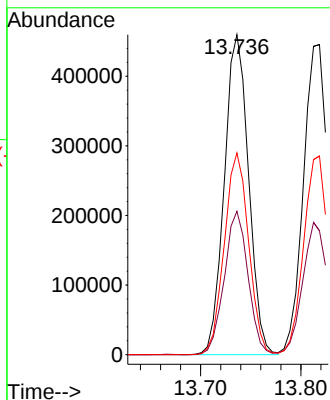
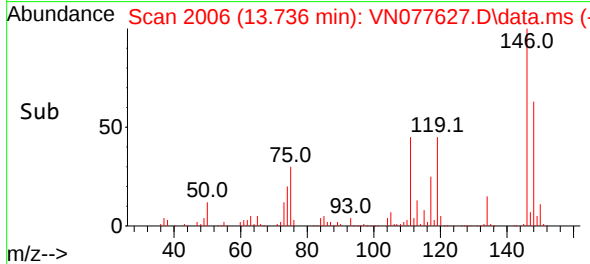
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



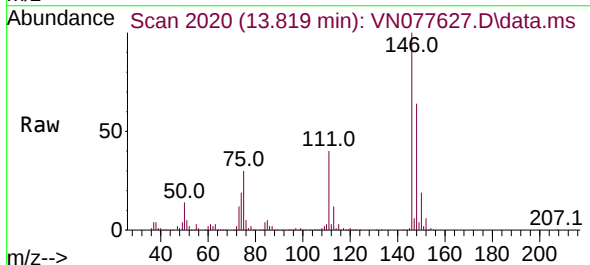
Tgt Ion:146 Resp: 771889
Ion Ratio Lower Upper
146 100
111 43.9 22.1 66.3
148 63.2 32.0 96.0

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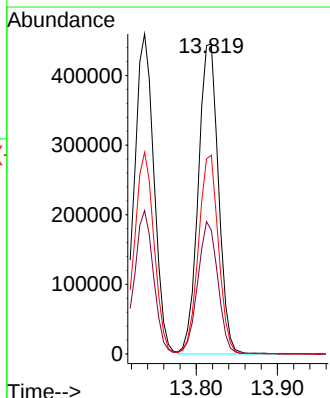
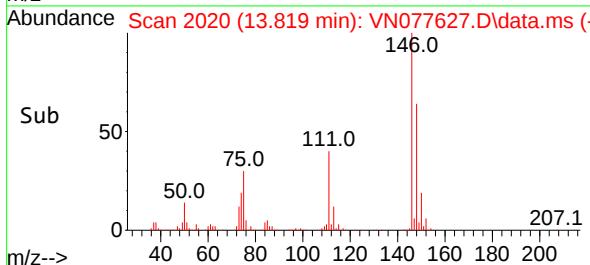
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023

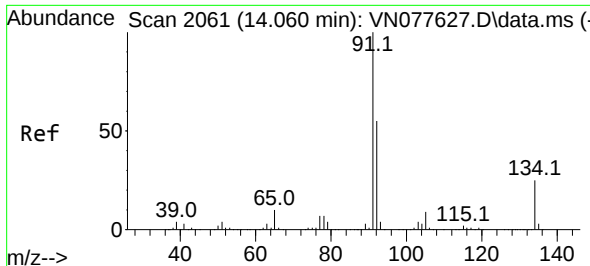


#88
1,4-Dichlorobenzene
Concen: 49.817 ug/l
RT: 13.819 min Scan# 2020
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



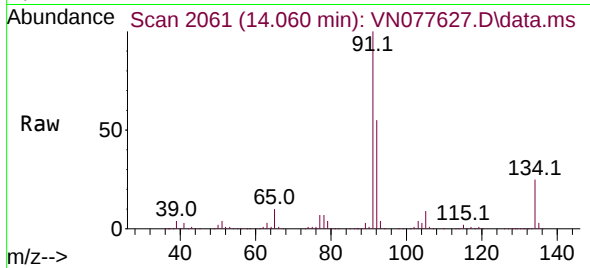
Tgt Ion:146 Resp: 769123
Ion Ratio Lower Upper
146 100
111 42.4 20.6 61.8
148 63.0 31.6 94.8





#89
n-Butylbenzene
Concen: 56.038 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

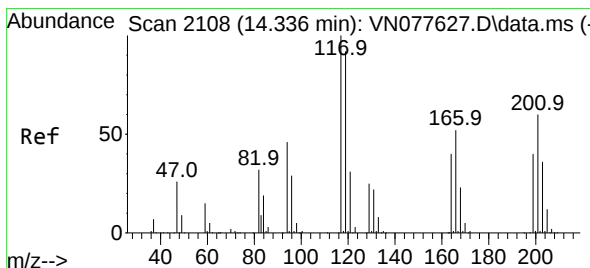
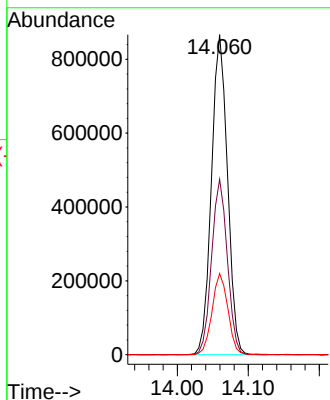
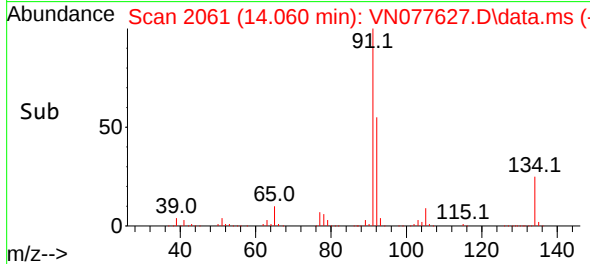
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 1355750
Ion Ratio Lower Upper
91 100
92 53.9 26.4 79.0
134 25.0 12.6 37.6

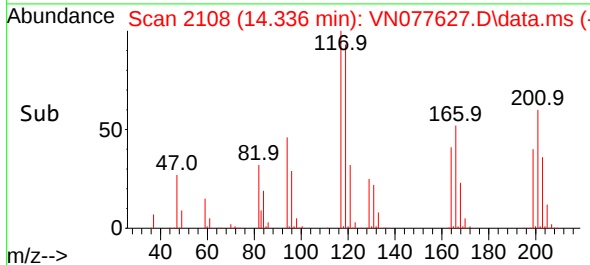
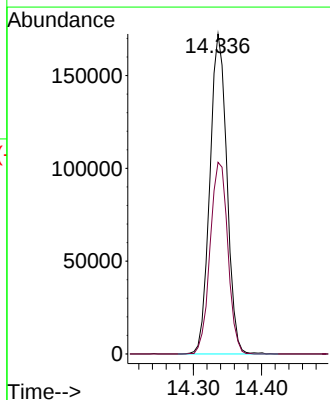
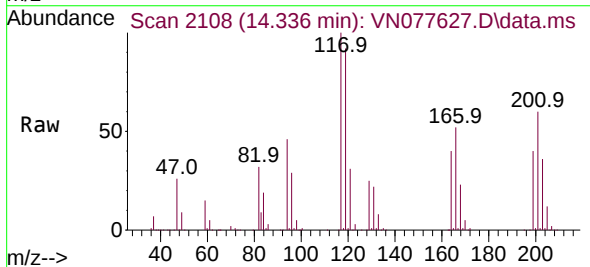
Manual Integrations
APPROVED

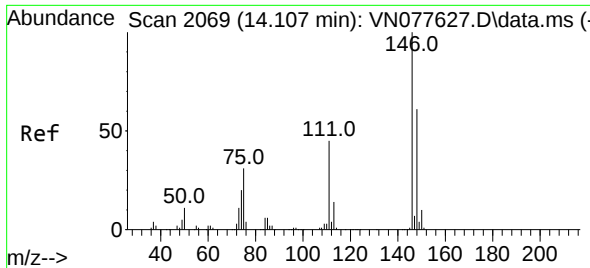
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#90
Hexachloroethane
Concen: 51.212 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

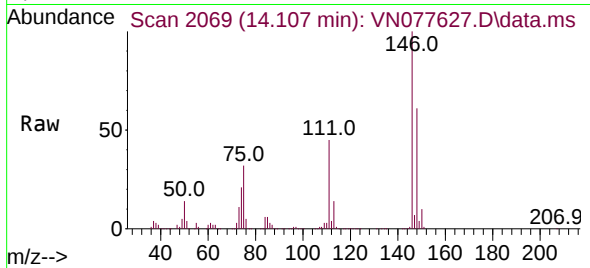
Tgt Ion:117 Resp: 299845
Ion Ratio Lower Upper
117 100
201 62.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 49.221 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

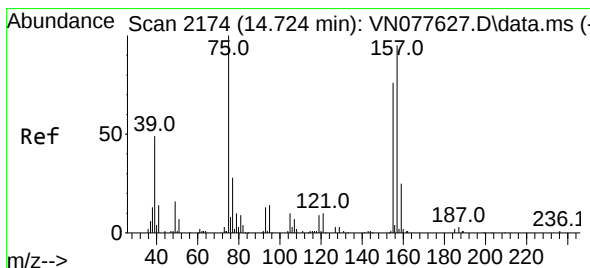
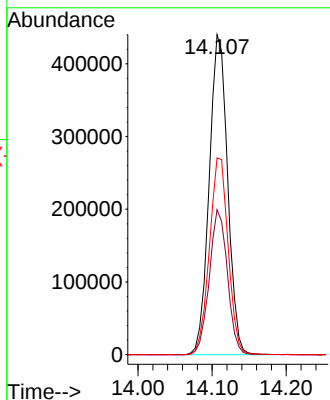
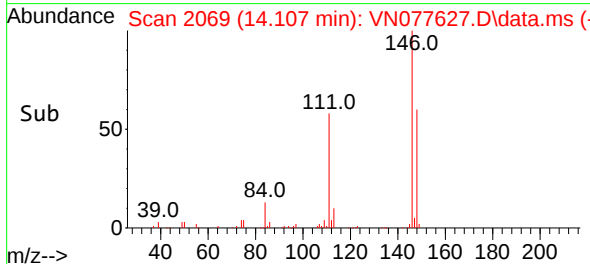
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:146 Resp: 76000
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 62.6 31.8 95.3

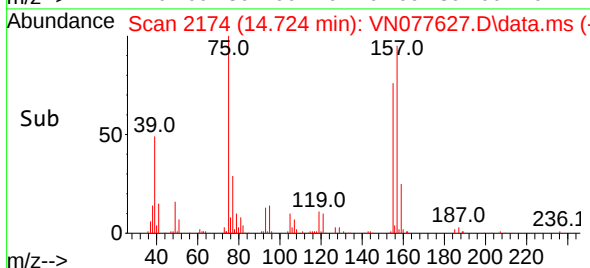
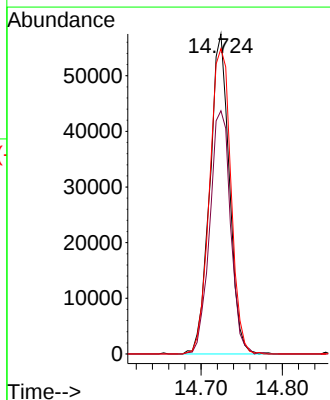
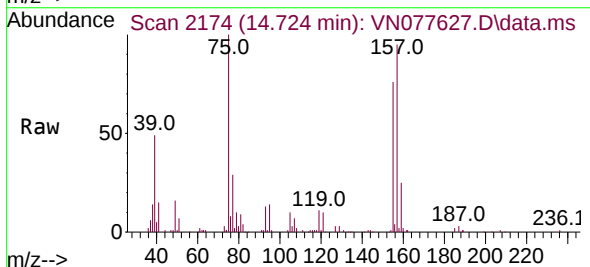
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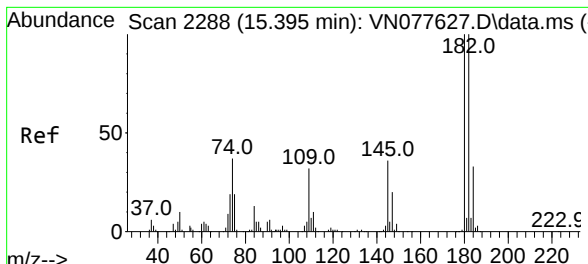
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/10/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.894 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

Tgt Ion: 75 Resp: 95969
Ion Ratio Lower Upper
75 100
155 80.9 39.1 117.2
157 104.2 50.3 150.9





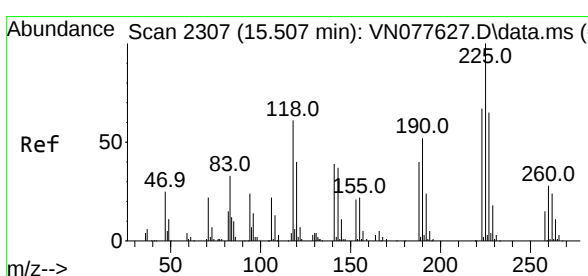
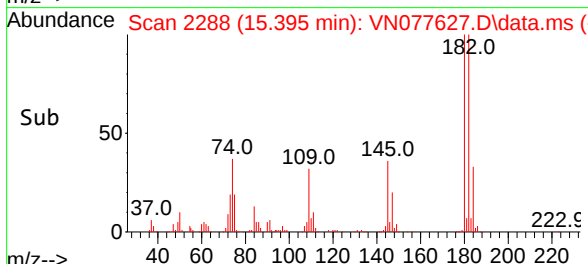
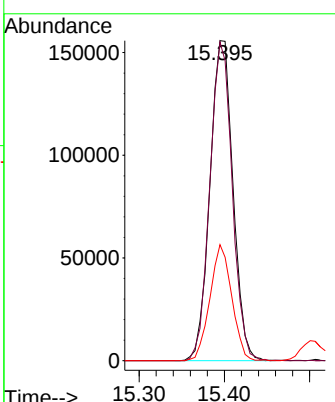
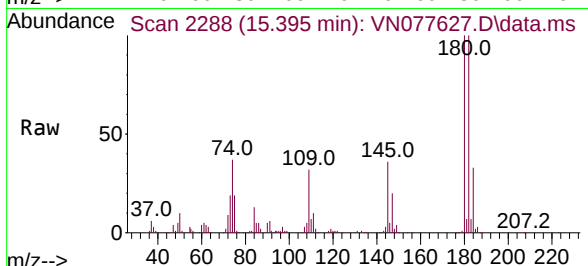
#93
 1,2,4-Trichlorobenzene
 Concen: 44.978 ug/l
 RT: 15.395 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN077627.D
 Acq: 09 May 2023 12:10

Instrument : MSVOA_N
 ClientSampleId : VSTDICCC050

Tgt Ion:	180	Resp:	29333
Ion Ratio	Lower	Upper	
180	100		
182	96.4	46.1	138.2
145	34.2	16.6	49.8

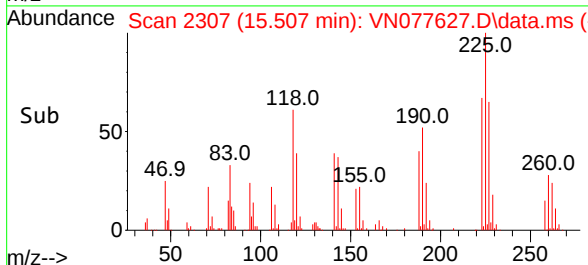
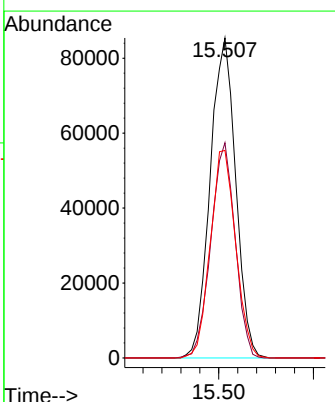
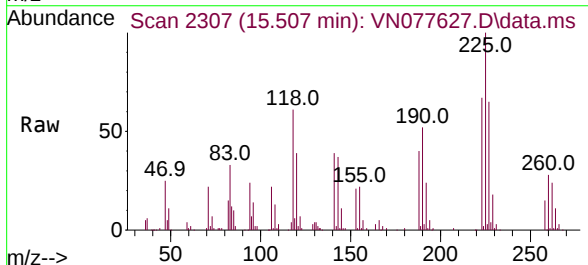
Manual Integrations
 APPROVED

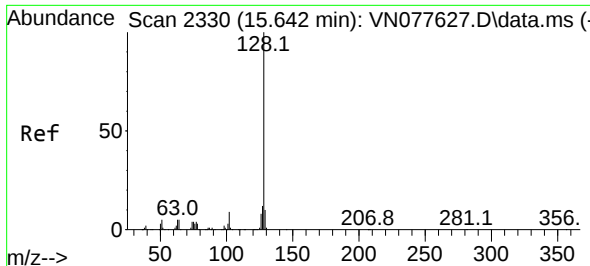
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/10/2023



#94
 Hexachlorobutadiene
 Concen: 48.518 ug/l
 RT: 15.507 min Scan# 2307
 Delta R.T. 0.000 min
 Lab File: VN077627.D
 Acq: 09 May 2023 12:10

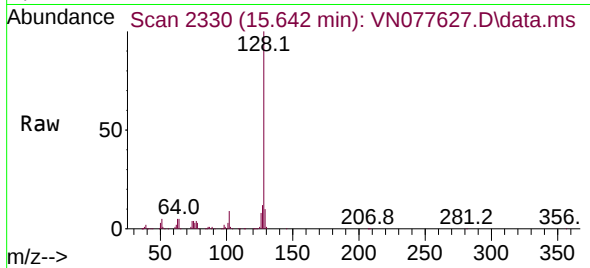
Tgt Ion:	225	Resp:	160058
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.3	93.8
227	64.5	31.9	95.9





#95
Naphthalene
Concen: 46.118 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10

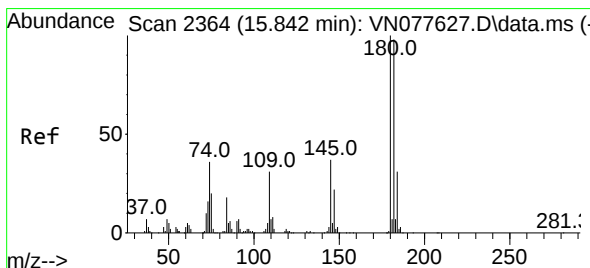
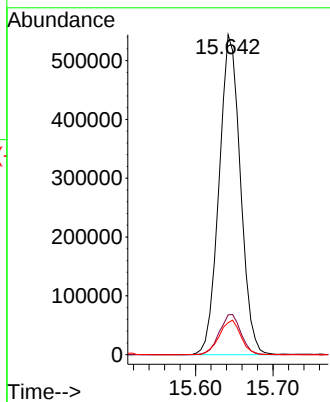
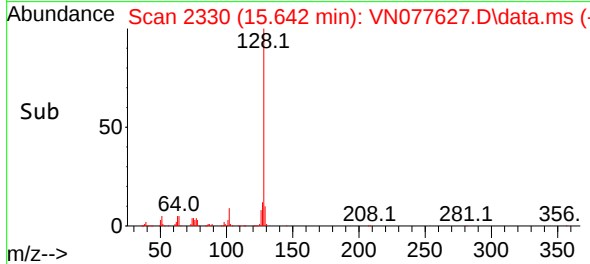
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



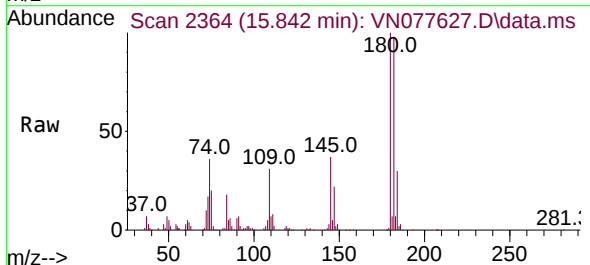
Tgt Ion:128 Resp: 1043362
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 44.891 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN077627.D
Acq: 09 May 2023 12:10



Tgt Ion:180 Resp: 272642
Ion Ratio Lower Upper
180 100
182 96.7 46.2 138.6
145 37.3 17.5 52.6

