

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042923\
 Data File : VN077536.D
 Acq On : 29 Apr 2023 22:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 01 01:27:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/01/2023
 Supervised By : Mahesh Dadoda 05/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	642121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1206777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1110593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	488800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	456371	54.467	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.940%			
35) Dibromofluoromethane	8.172	113	401721	55.385	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.780%			
50) Toluene-d8	10.566	98	1574026	56.622	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.240%#			
62) 4-Bromofluorobenzene	12.854	95	543319	59.738	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 119.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	365195	44.586	ug/l	99
3) Chloromethane	2.372	50	269287	41.837	ug/l	99
4) Vinyl Chloride	2.525	62	381430	44.484	ug/l	98
5) Bromomethane	2.949	94	307603	41.414	ug/l	96
6) Chloroethane	3.119	64	265247	40.717	ug/l	98
7) Trichlorofluoromethane	3.507	101	602177	47.781	ug/l	97
8) Diethyl Ether	3.972	74	218128	47.630	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	345609	47.153	ug/l	99
10) Methyl Iodide	4.602	142	424688	47.163	ug/l	98
11) Tert butyl alcohol	5.525	59	303635	225.732	ug/l	99
12) 1,1-Dichloroethene	4.349	96	328372	45.825	ug/l	96
13) Acrolein	4.184	56	310641	232.149	ug/l	95
14) Allyl chloride	5.031	41	365054	45.821	ug/l	97
15) Acrylonitrile	5.725	53	739757	242.427	ug/l	99
16) Acetone	4.437	43	534499	200.511	ug/l	96
17) Carbon Disulfide	4.719	76	747098	41.030	ug/l	99
18) Methyl Acetate	5.031	43	488756	47.479	ug/l	97
19) Methyl tert-butyl Ether	5.801	73	1170775	49.128	ug/l	98
20) Methylene Chloride	5.284	84	387889	45.884	ug/l	95
21) trans-1,2-Dichloroethene	5.790	96	365305	47.144	ug/l	98
22) Diisopropyl ether	6.678	45	854963	46.758	ug/l	98
23) Vinyl Acetate	6.613	43	2674449	234.208	ug/l	98
24) 1,1-Dichloroethane	6.572	63	619541	47.867	ug/l	98
25) 2-Butanone	7.490	43	865695	228.969	ug/l	96
26) 2,2-Dichloropropane	7.495	77	523867	41.743	ug/l	96
27) cis-1,2-Dichloroethene	7.490	96	437622	47.687	ug/l	97
28) Bromochloromethane	7.819	49	212088	42.910	ug/l	93
29) Tetrahydrofuran	7.842	42	557932	235.525	ug/l	97
30) Chloroform	7.972	83	741253	50.818	ug/l	97
31) Cyclohexane	8.260	56	500824	42.194	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	686046	51.158	ug/l	99
36) 1,1-Dichloropropene	8.378	75	509460	48.618	ug/l	99
37) Ethyl Acetate	7.566	43	359692	45.172	ug/l	99
38) Carbon Tetrachloride	8.366	117	580710	50.227	ug/l	98
39) Methylcyclohexane	9.607	83	663260	48.041	ug/l	95
40) Benzene	8.607	78	1580799	49.520	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	197227	47.556	ug/l	97
42) 1,2-Dichloroethane	8.672	62	538558	49.119	ug/l	99
43) Isopropyl Acetate	8.689	43	659212	47.854	ug/l	98
44) Trichloroethene	9.354	130	406734	49.763	ug/l	100
45) 1,2-Dichloropropane	9.625	63	367490	49.144	ug/l	97
46) Dibromomethane	9.713	93	301398	49.674	ug/l	98
47) Bromodichloromethane	9.889	83	594241	50.632	ug/l	98
48) Methyl methacrylate	9.684	41	282373	45.032	ug/l	95
49) 1,4-Dioxane	9.695	88	155415	988.110	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1914557	236.951	ug/l	97
52) Toluene	10.631	92	1079613	51.625	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	610993	51.412	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	655027	50.636	ug/l	95
55) 1,1,2-Trichloroethane	11.019	97	436903	51.953	ug/l	96
56) Ethyl methacrylate	10.878	69	615871	52.265	ug/l	95
57) 1,3-Dichloropropane	11.166	76	694805	51.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	1051046	263.707	ug/l	97
59) 2-Hexanone	11.201	43	1382607	235.408	ug/l	96
60) Dibromochloromethane	11.360	129	468490	53.679	ug/l	99
61) 1,2-Dibromoethane	11.472	107	447477	52.119	ug/l	98
64) Tetrachloroethene	11.107	164	327793	49.306	ug/l	100
65) Chlorobenzene	11.895	112	1157811	49.267	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.960	131	435865	50.976	ug/l	98
67) Ethyl Benzene	11.966	91	2092196	50.572	ug/l	99
68) m/p-Xylenes	12.072	106	1647557	102.466	ug/l	99
69) o-Xylene	12.401	106	816883	51.651	ug/l	100
70) Styrene	12.413	104	1326233	53.621	ug/l	99
71) Bromoform	12.577	173	295183	52.769	ug/l #	100
73) Isopropylbenzene	12.701	105	2136027	47.092	ug/l	99
74) N-amyl acetate	12.495	43	556578	41.447	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.942	83	623012	43.715	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	521822m	45.909	ug/l	
77) Bromobenzene	12.983	156	447536	45.272	ug/l	98
78) n-propylbenzene	13.036	91	2410878	48.071	ug/l	99
79) 2-Chlorotoluene	13.130	91	1461240	47.256	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1775472	52.709	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	180452	44.852	ug/l	98
82) 4-Chlorotoluene	13.224	91	1388412	48.051	ug/l	99
83) tert-Butylbenzene	13.442	119	1547572	47.309	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1708789	54.318	ug/l	99
85) sec-Butylbenzene	13.619	105	2217510	49.387	ug/l	99
86) p-Isopropyltoluene	13.730	119	1740034	50.368	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	841224	47.849	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	819151	47.190	ug/l	100
89) n-Butylbenzene	14.060	91	1439565	53.845	ug/l	100
90) Hexachloroethane	14.336	117	340365	44.596	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	828979	47.541	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	116787	44.314	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	264350	47.963	ug/l	97
94) Hexachlorobutadiene	15.507	225	167172	47.444	ug/l	99
95) Naphthalene	15.642	128	1031821	48.902	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	252380	48.656	ug/l	99

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

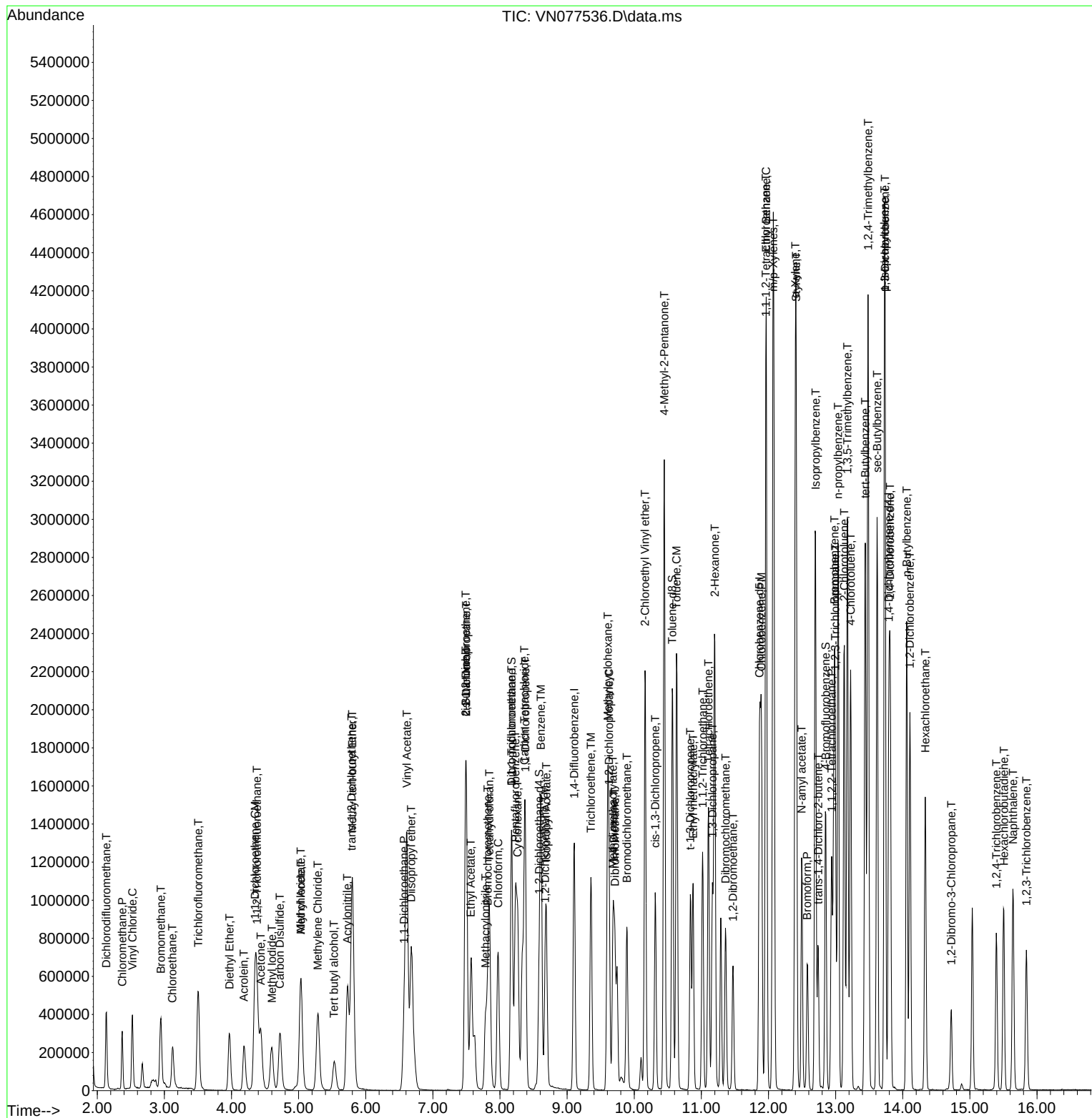
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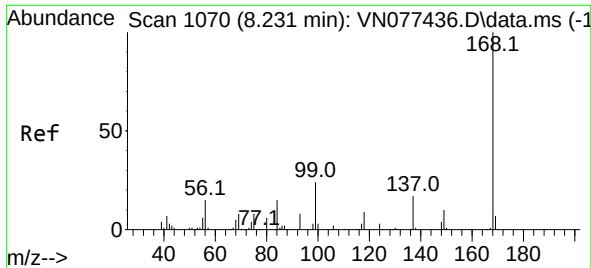
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077536.D
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Instrument :

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ClientSampleId :

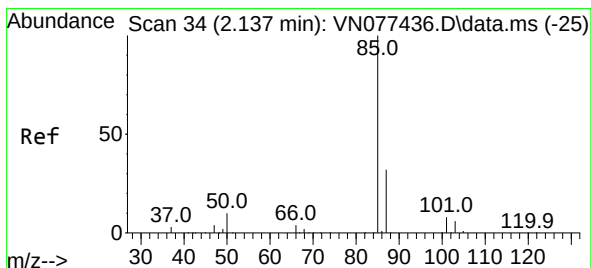
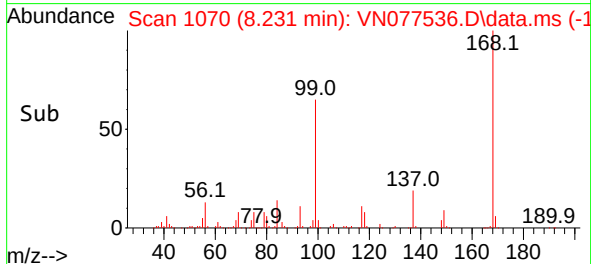
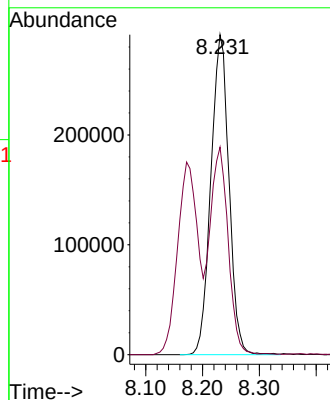
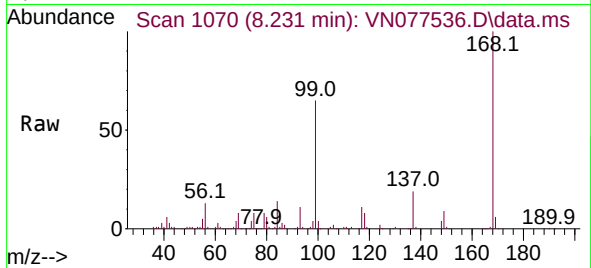
VSTDCCC050EC

Tgt Ion:168 Resp: 64212
Ion Ratio Lower Upper
168 100
99 64.6 53.0 79.6

Manual Integrations

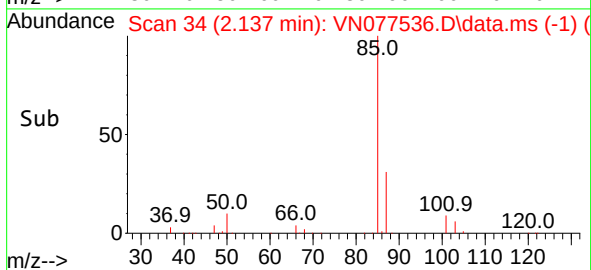
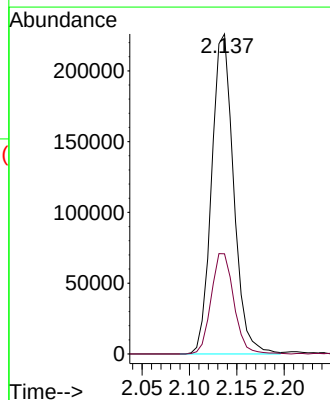
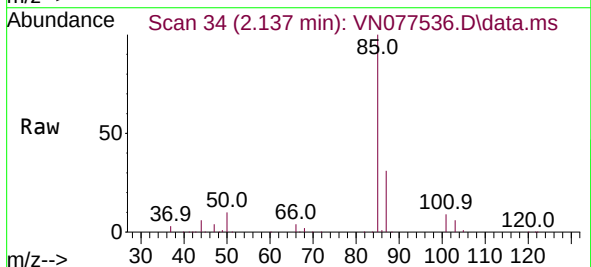
APPROVED

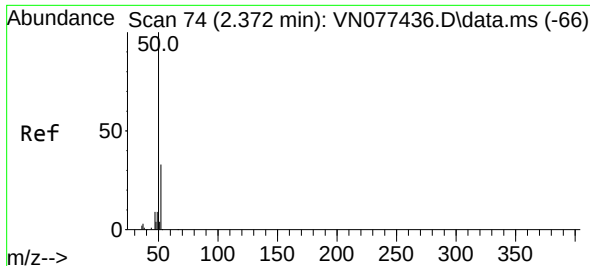
Reviewed By :John Carlone 05/01/2023
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#2
Dichlorodifluoromethane
Concen: 44.586 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077536.D
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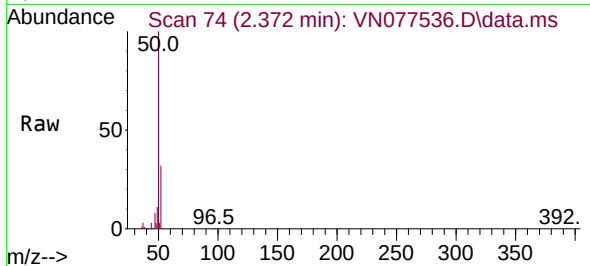
Tgt Ion: 85 Resp: 365195
Ion Ratio Lower Upper
85 100
87 31.3 15.8 47.4





#3
Chloromethane
Concen: 41.837 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

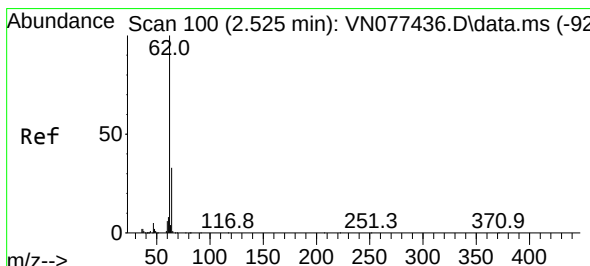
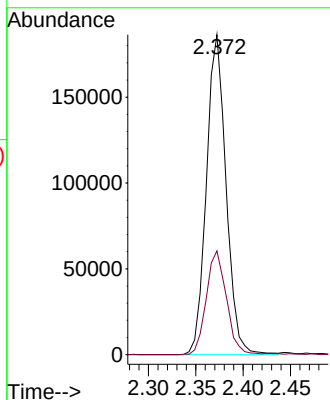
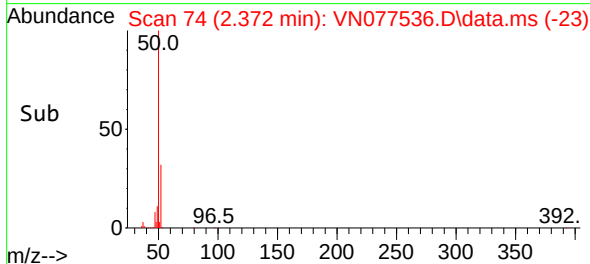
Instrument :
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Tgt Ion: 50 Resp: 26928
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

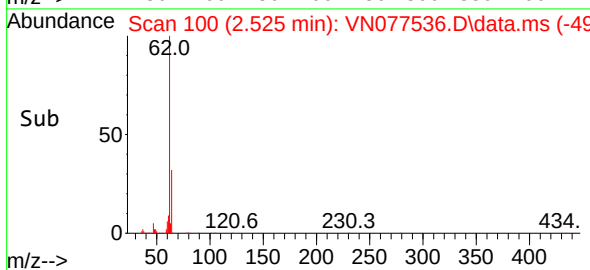
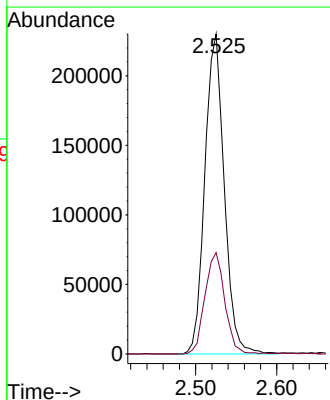
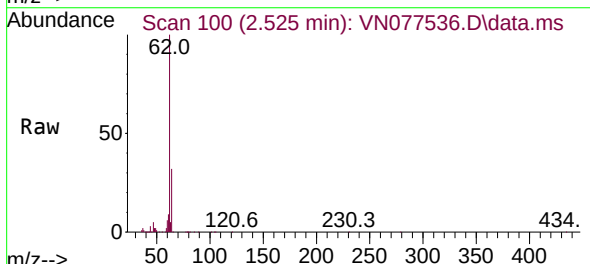
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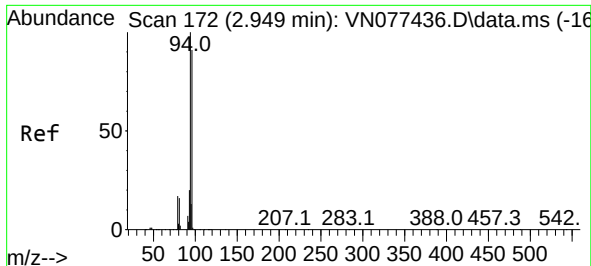
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#4
Vinyl Chloride
Concen: 44.484 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

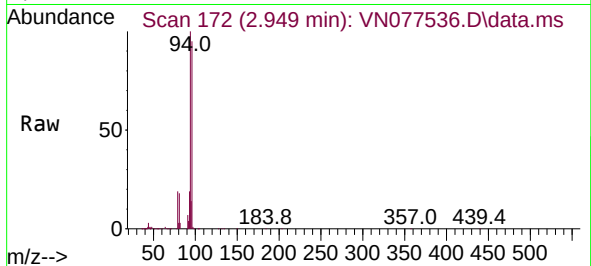
Tgt Ion: 62 Resp: 381430
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 41.414 ug/l
RT: 2.949 min Scan# 172
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

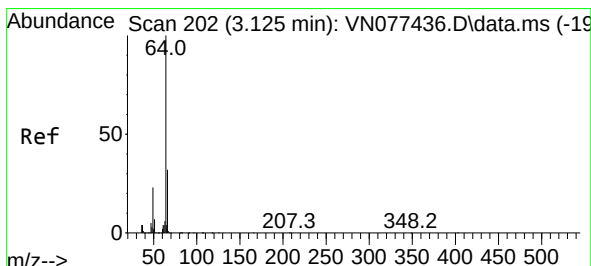
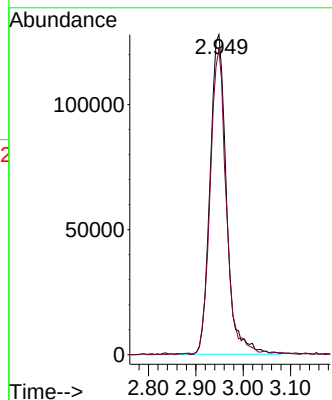
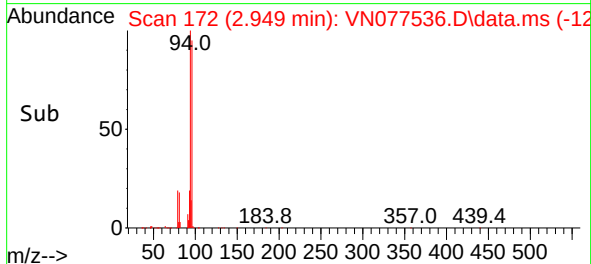
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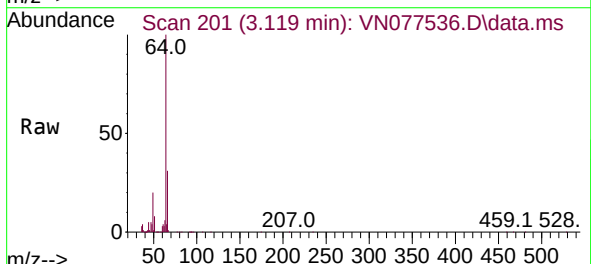
Tgt Ion: 94 Resp: 30760
Ion Ratio Lower Upper
94 100
96 95.3 73.1 109.7

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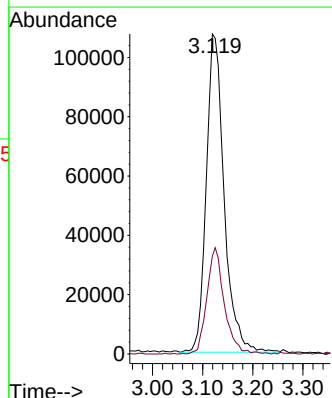
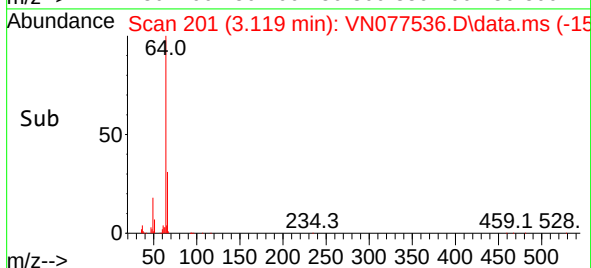
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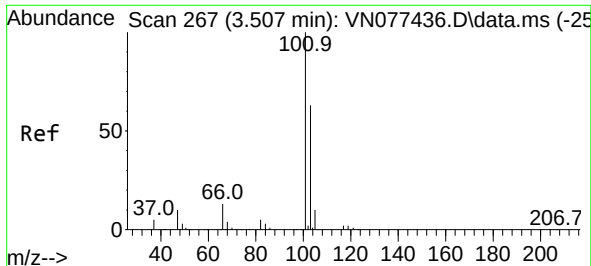


#6
Chloroethane
Concen: 40.717 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077536.D
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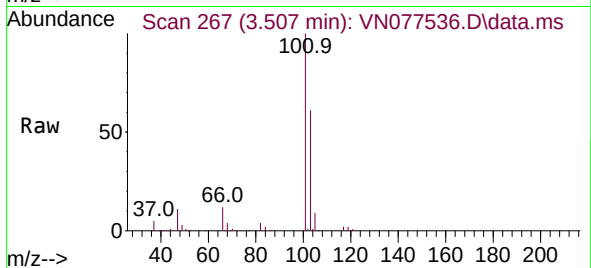
Tgt Ion: 64 Resp: 265247
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 47.781 ug/l
 RT: 3.507 min Scan# 206
 Delta R.T. 0.000 min
 Lab File: VN077536.D
 Acq: 29 Apr 2023 22:08

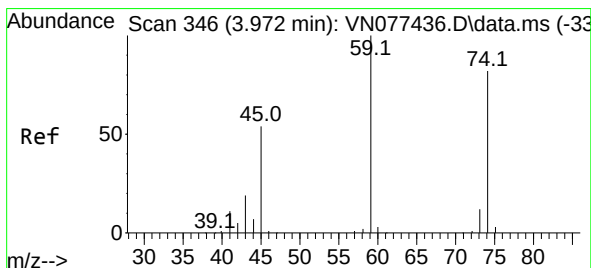
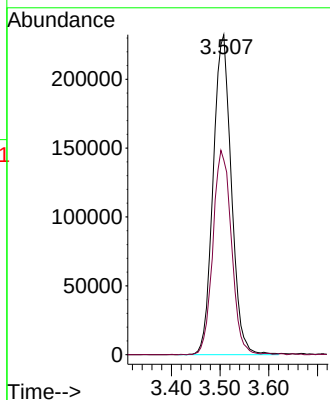
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 60217
 Ion Ratio Lower Upper
 101 100
 103 60.8 50.7 76.1

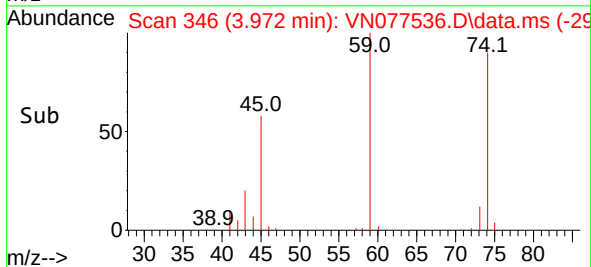
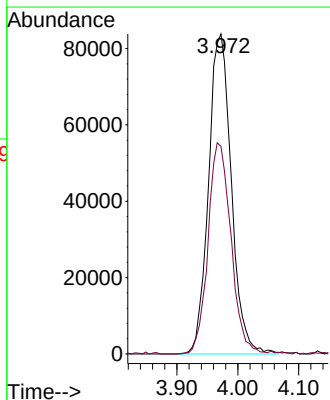
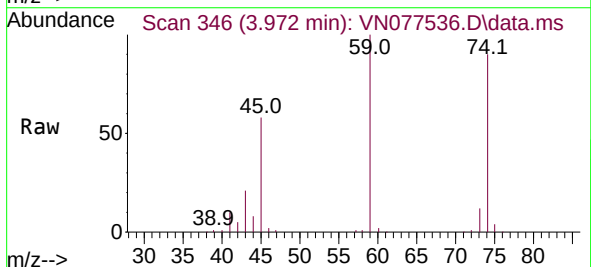
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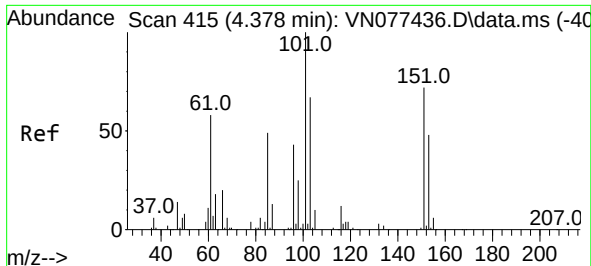
Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023



#8
 Diethyl Ether
 Concen: 47.630 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077536.D
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Tgt Ion: 74 Resp: 218128
 Ion Ratio Lower Upper
 74 100
 45 66.3 34.4 103.3





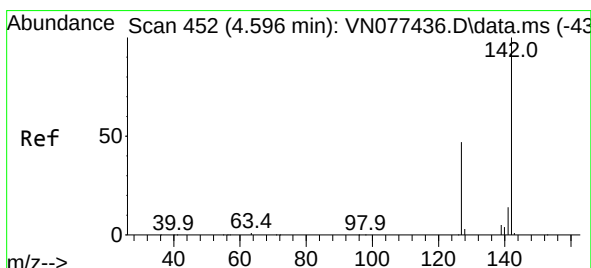
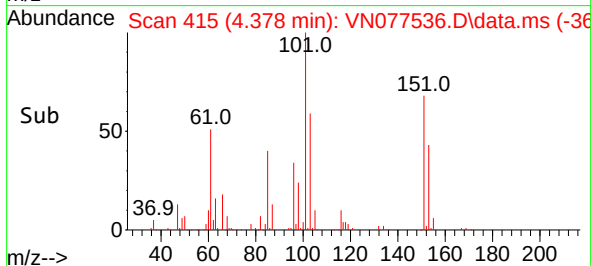
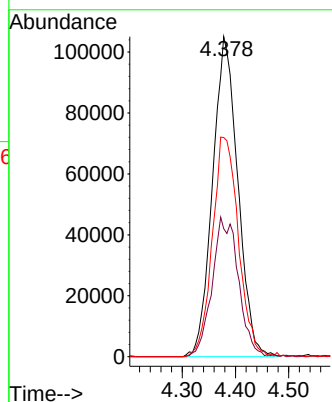
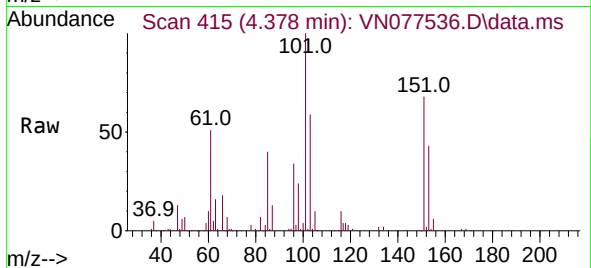
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.153 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 345609
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 70.7 57.6 86.4

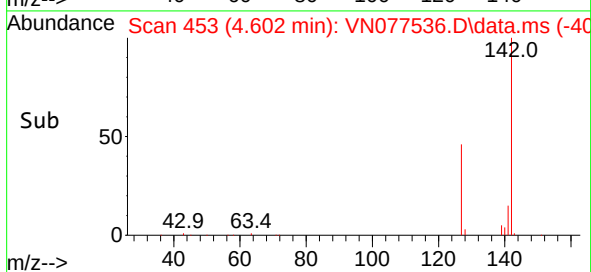
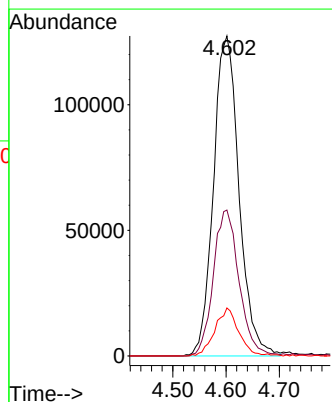
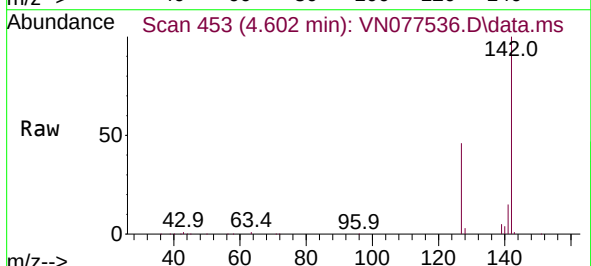
Manual Integrations
APPROVED

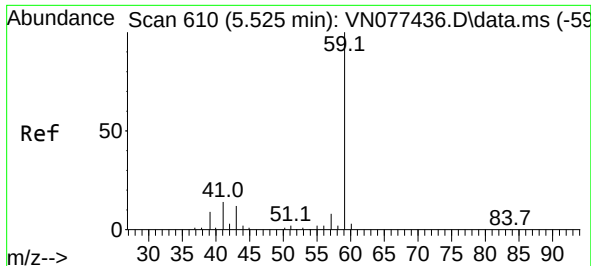
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#10
Methyl Iodide
Concen: 47.163 ug/l
RT: 4.602 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

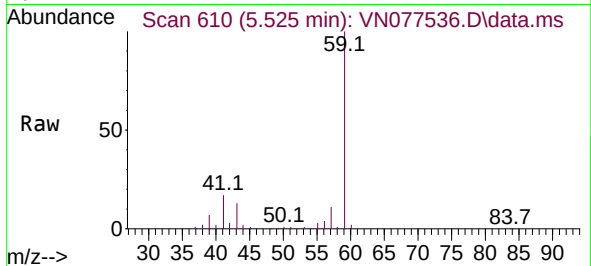
Tgt Ion:142 Resp: 424688
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 15.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 225.732 ug/l
RT: 5.525 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

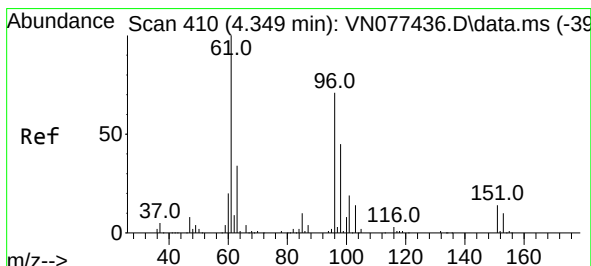
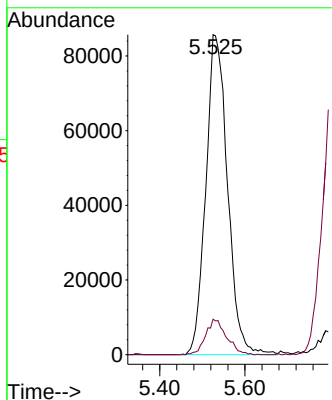
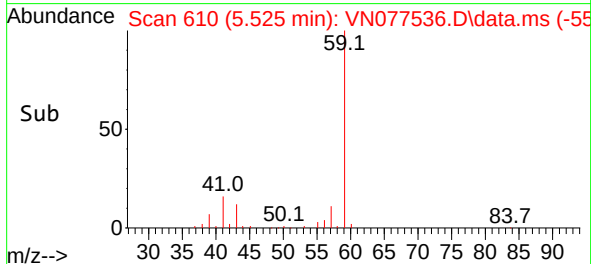
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 303639
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

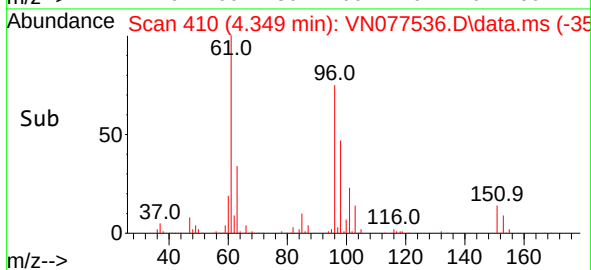
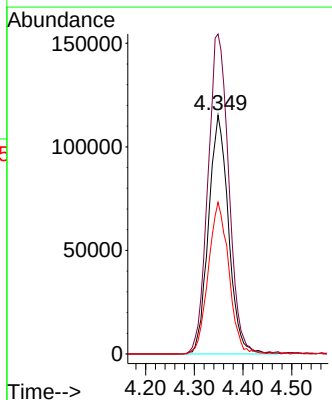
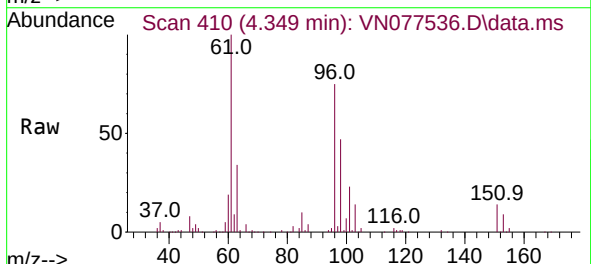
Manual Integrations
APPROVED

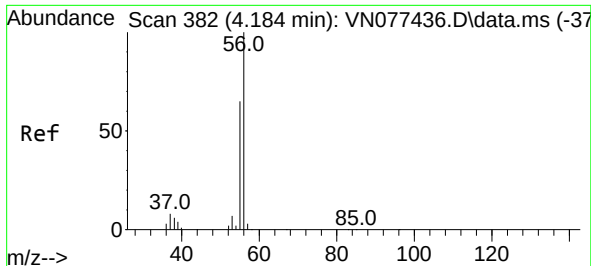
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#12
1,1-Dichloroethene
Concen: 45.825 ug/l
RT: 4.349 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

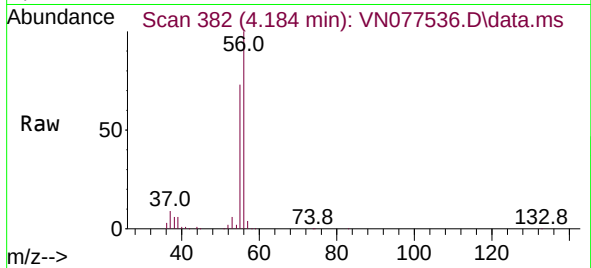
Tgt Ion: 96 Resp: 328372
Ion Ratio Lower Upper
96 100
61 134.0 112.7 169.1
98 63.5 51.2 76.8





#13
Acrolein
Concen: 232.149 ug/l
RT: 4.184 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

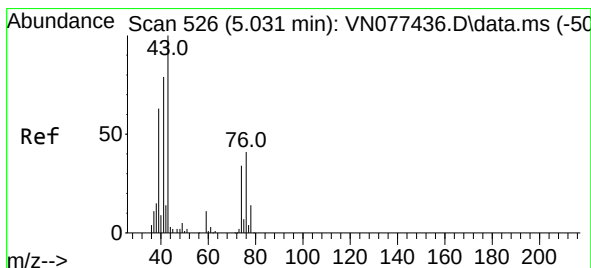
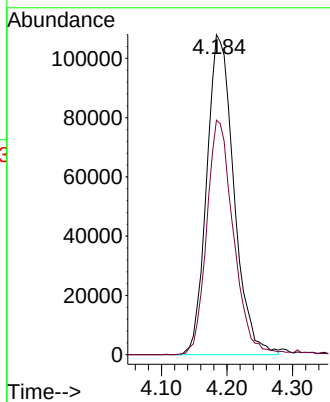
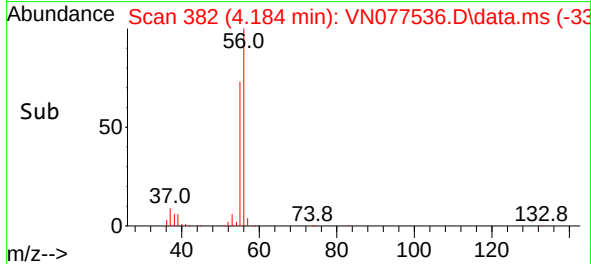
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 31064
Ion Ratio Lower Upper
56 100
55 72.0 54.5 81.7

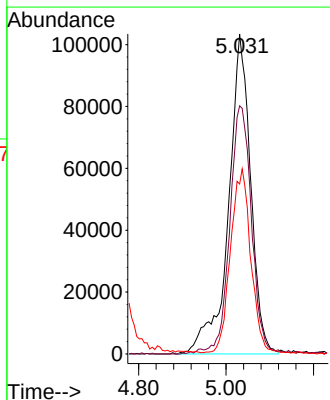
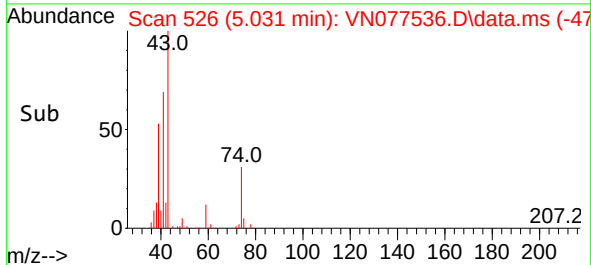
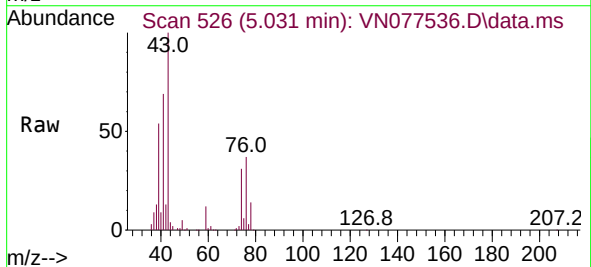
Manual Integrations
APPROVED

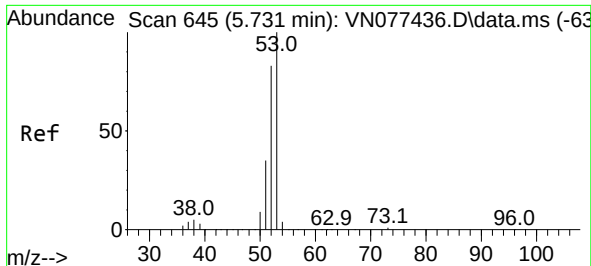
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#14
Allyl chloride
Concen: 45.821 ug/l
RT: 5.031 min Scan# 526
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

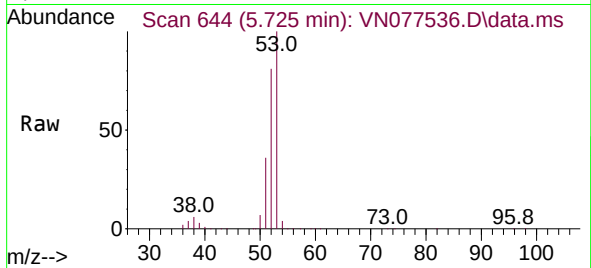
Tgt Ion: 41 Resp: 365054
Ion Ratio Lower Upper
41 100
39 74.6 58.8 88.2
76 52.3 39.1 58.7





#15
Acrylonitrile
Concen: 242.427 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

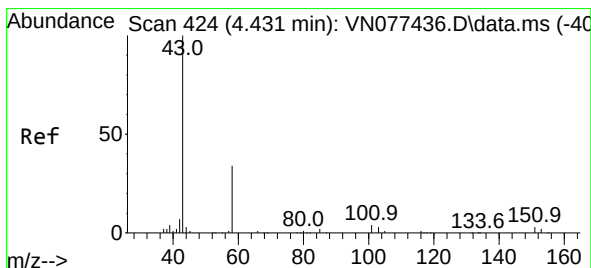
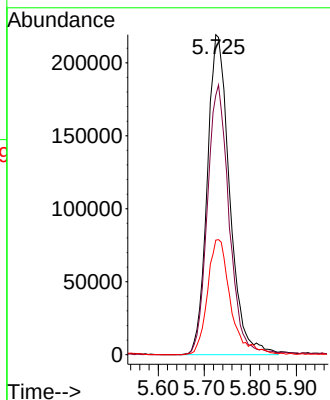
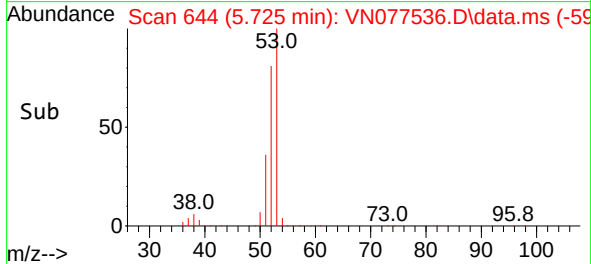
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 73975
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 37.1 28.9 43.3

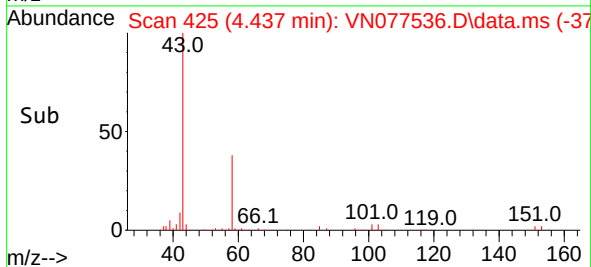
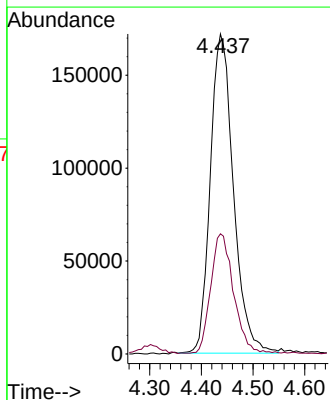
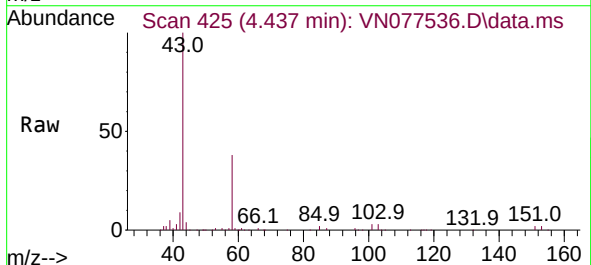
Manual Integrations
APPROVED

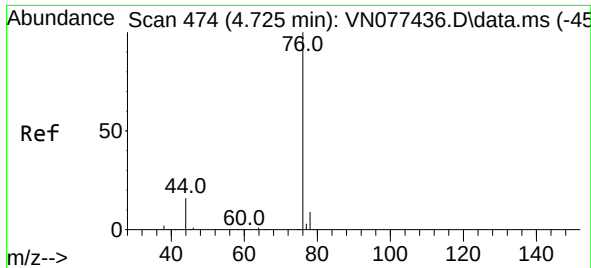
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#16
Acetone
Concen: 200.511 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Tgt Ion: 43 Resp: 534499
Ion Ratio Lower Upper
43 100
58 37.5 28.0 42.0





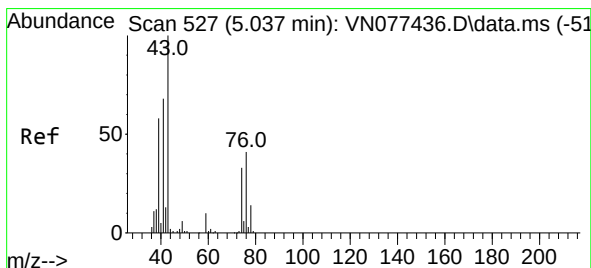
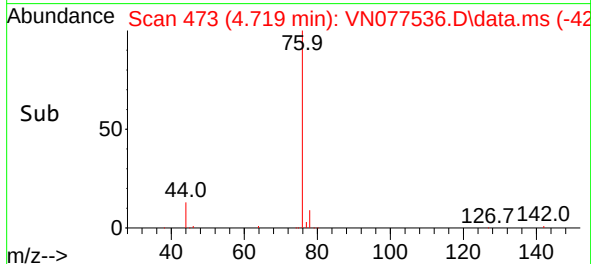
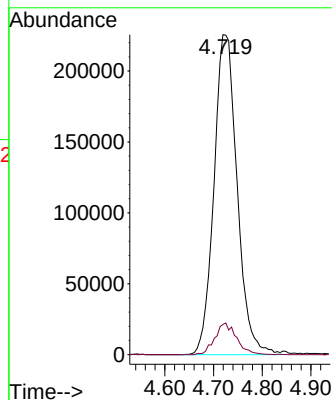
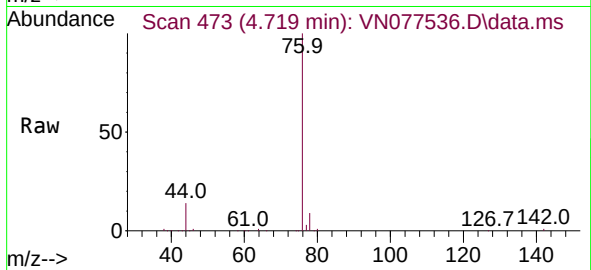
#17
Carbon Disulfide
Concen: 41.030 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 747098
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

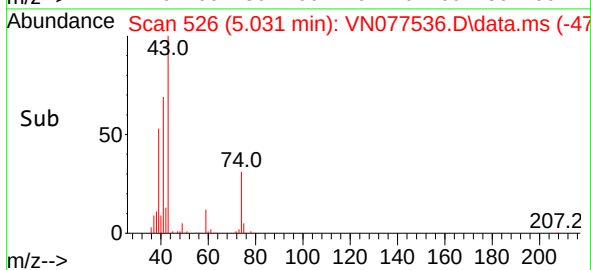
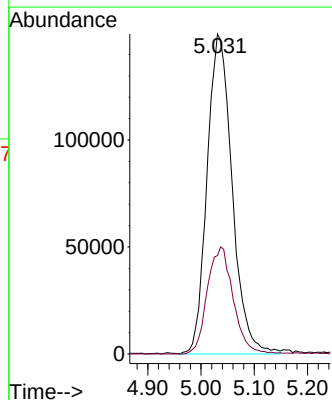
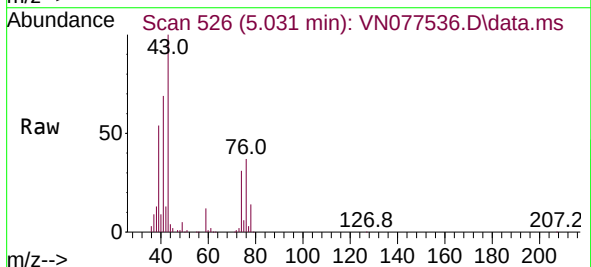
Manual Integrations
APPROVED

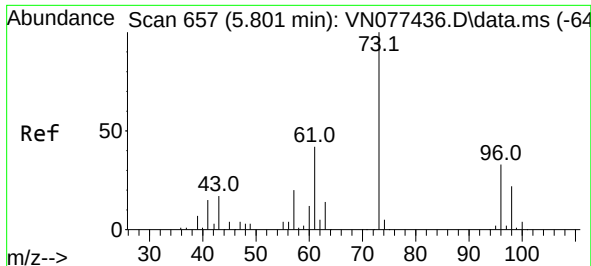
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#18
Methyl Acetate
Concen: 47.479 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Tgt Ion: 43 Resp: 488756
Ion Ratio Lower Upper
43 100
74 34.6 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 49.128 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 117077

Ion Ratio Lower Upper

73 100

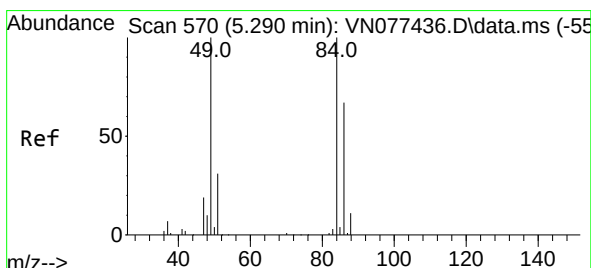
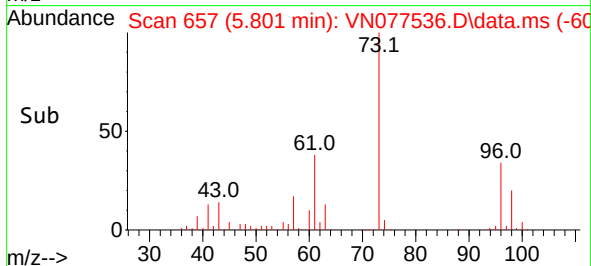
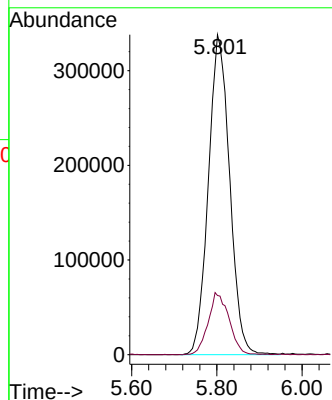
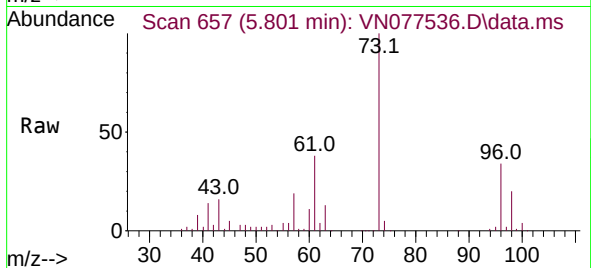
57 18.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#20

Methylene Chloride

Concen: 45.884 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Tgt Ion: 84 Resp: 387889

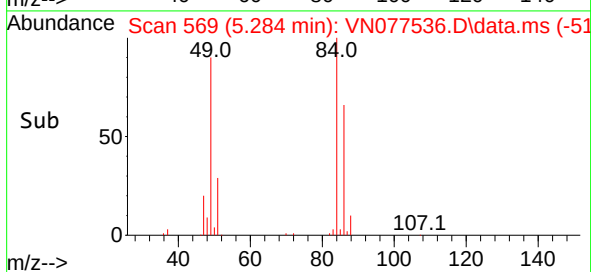
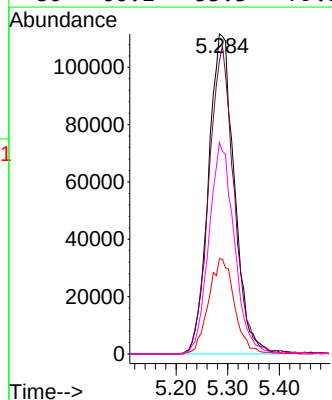
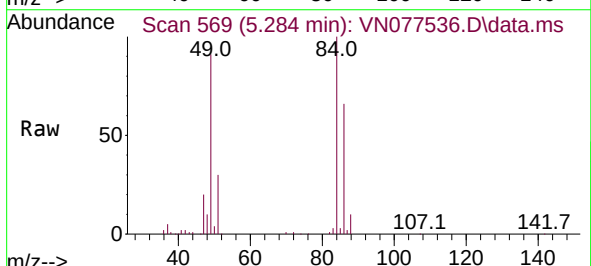
Ion Ratio Lower Upper

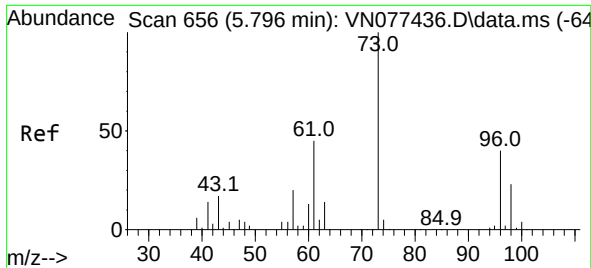
84 100

49 91.3 79.7 119.5

51 29.7 25.2 37.8

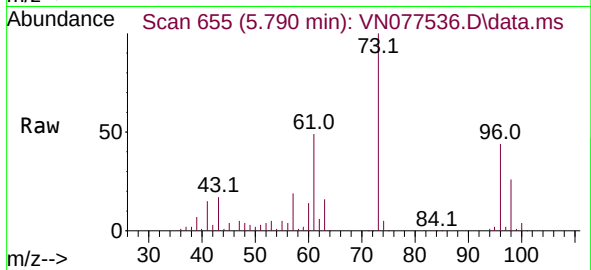
86 66.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.144 ug/l
RT: 5.790 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

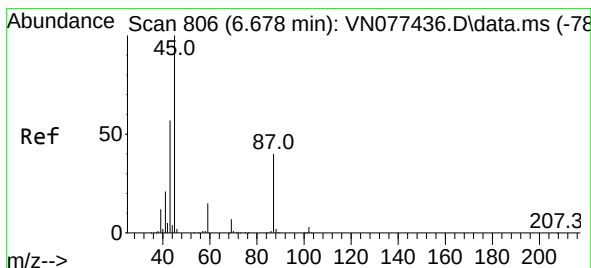
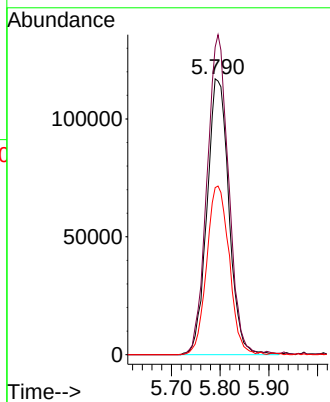
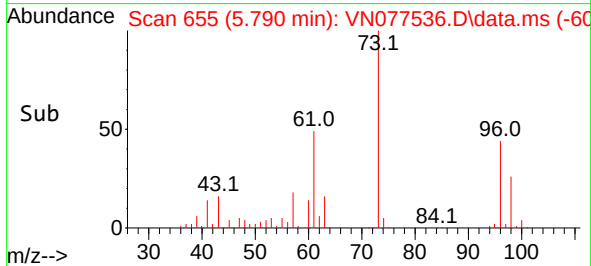
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



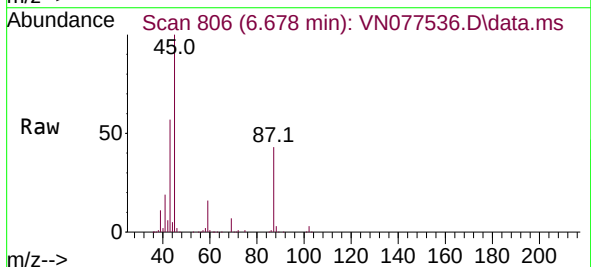
Tgt Ion: 96 Resp: 365309
Ion Ratio Lower Upper
96 100
61 111.5 90.1 135.1
98 60.5 46.4 69.6

Manual Integrations
APPROVED

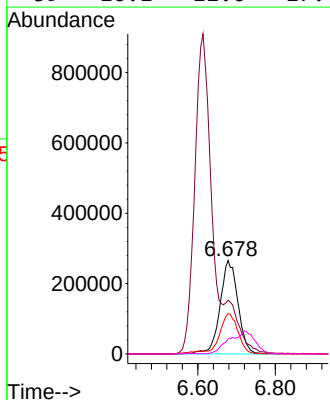
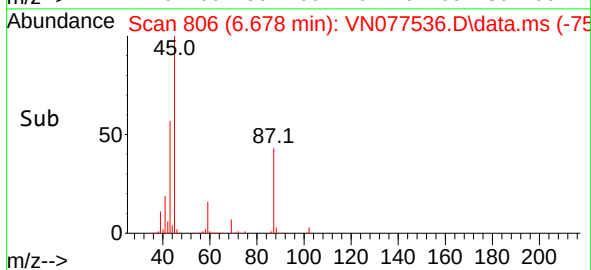
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

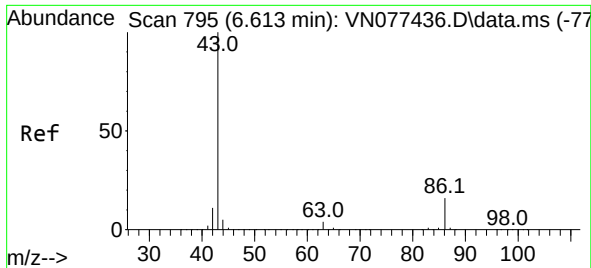


#22
Diisopropyl ether
Concen: 46.758 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



Tgt Ion: 45 Resp: 854963
Ion Ratio Lower Upper
45 100
43 56.7 45.5 68.3
87 42.9 31.8 47.8
59 16.1 11.6 17.4





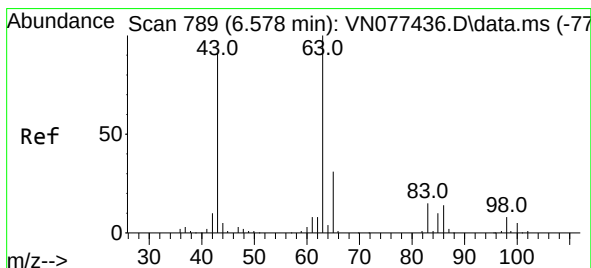
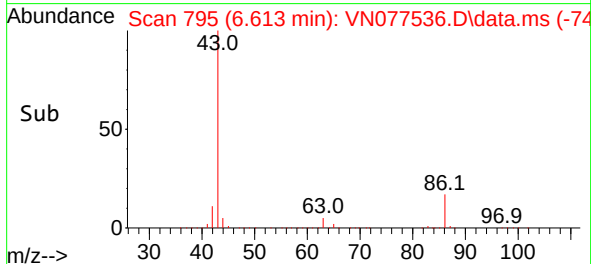
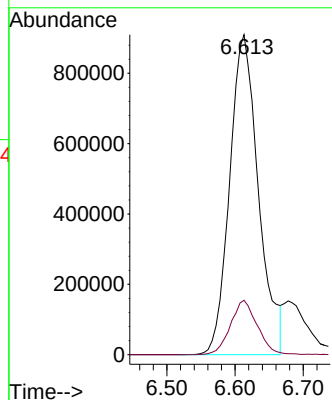
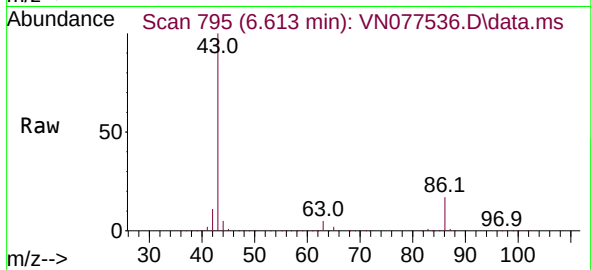
#23
 Vinyl Acetate
 Concen: 234.208 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077536.D
 Acq: 29 Apr 2023 22:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2674449
 Ion Ratio Lower Upper
 43 100
 86 17.0 13.0 19.6

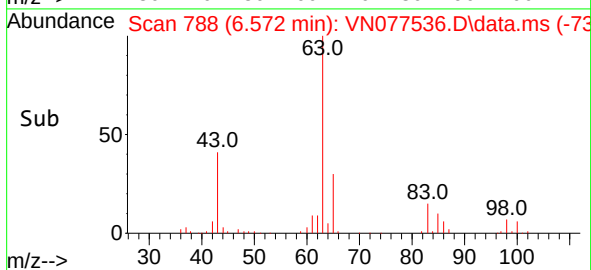
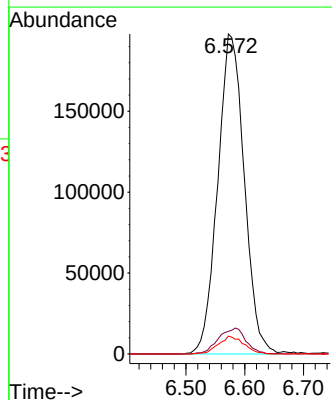
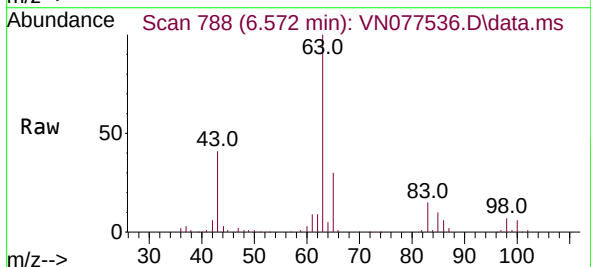
Manual Integrations
 APPROVED

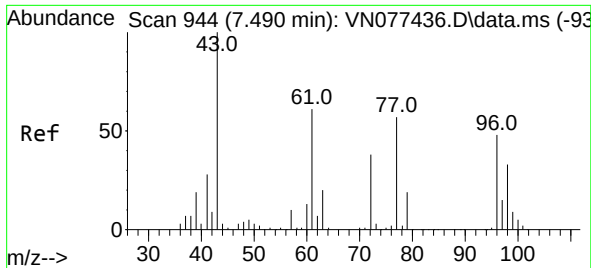
Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023



#24
 1,1-Dichloroethane
 Concen: 47.867 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077536.D
 Acq: 29 Apr 2023 22:08

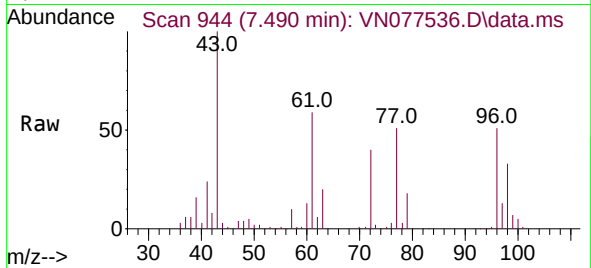
Tgt Ion: 63 Resp: 619541
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 5.6 2.5 7.4





#25
2-Butanone
Concen: 228.969 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

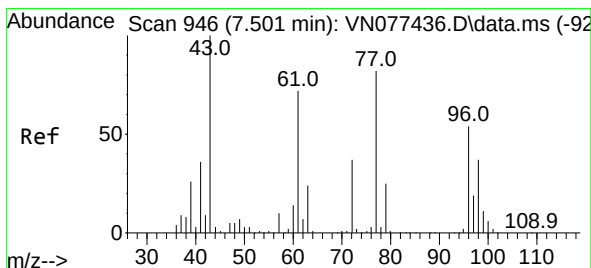
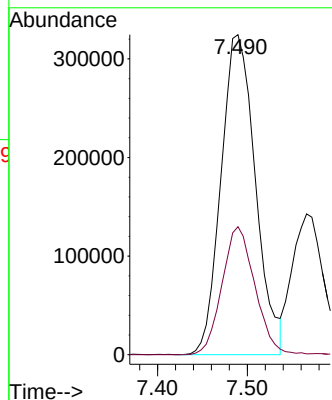
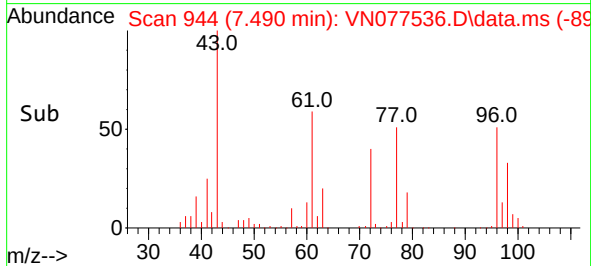
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



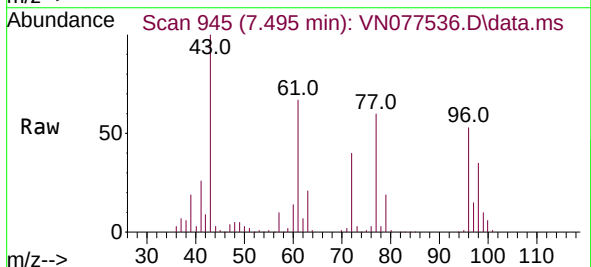
Tgt Ion: 43 Resp: 86569
Ion Ratio Lower Upper
43 100
72 40.0 30.2 45.2

Manual Integrations
APPROVED

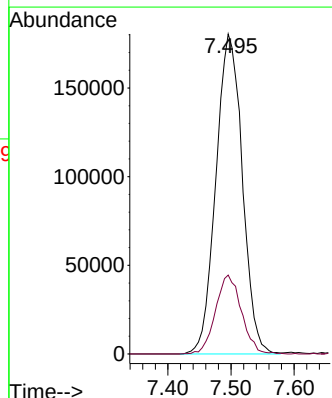
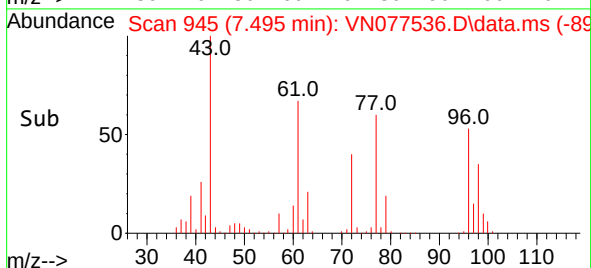
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

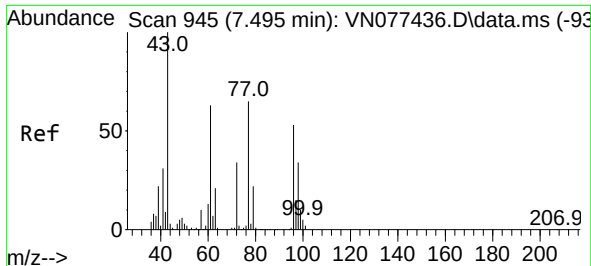


#26
2,2-Dichloropropane
Concen: 41.743 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



Tgt Ion: 77 Resp: 523867
Ion Ratio Lower Upper
77 100
97 24.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 47.687 ug/l

RT: 7.490 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN077536.D

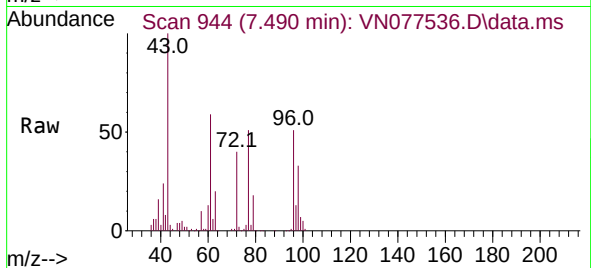
Acq: 29 Apr 2023 22:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 96 Resp: 43762

Ion Ratio Lower Upper

96 100

61 123.5 0.0 255.2

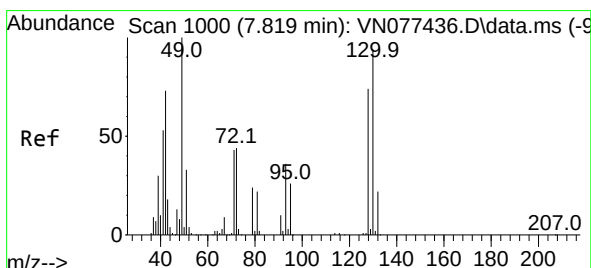
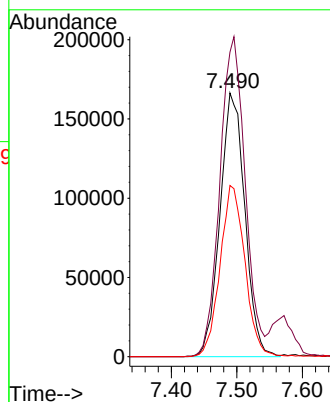
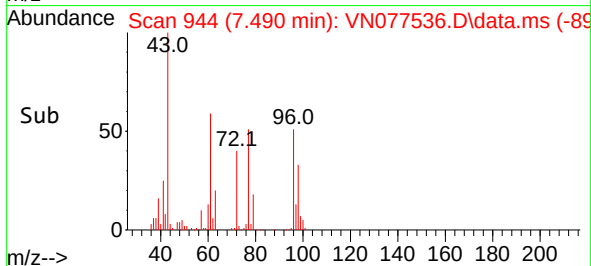
98 64.9 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#28

Bromochloromethane

Concen: 42.910 ug/l

RT: 7.819 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

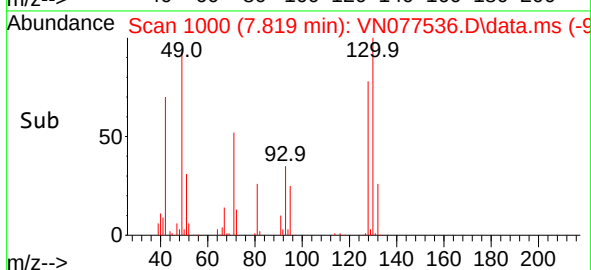
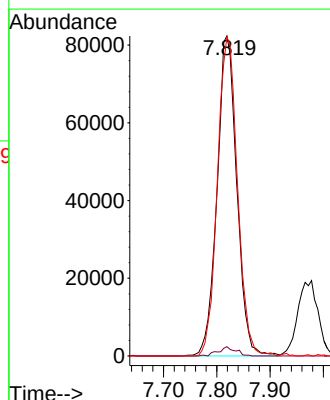
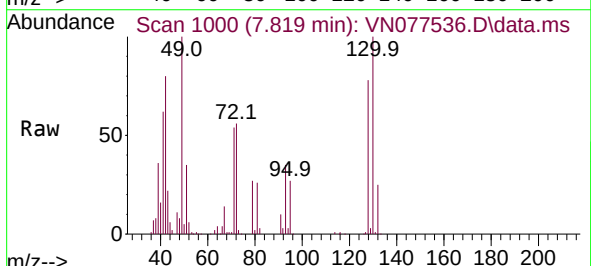
Tgt Ion: 49 Resp: 212088

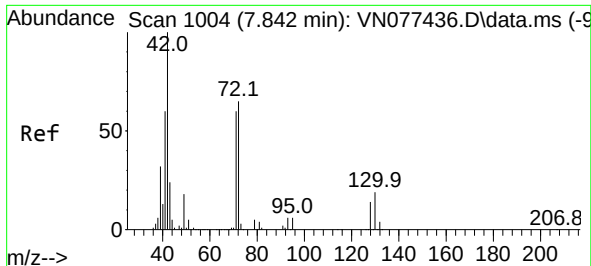
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

130 101.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 235.525 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 55793

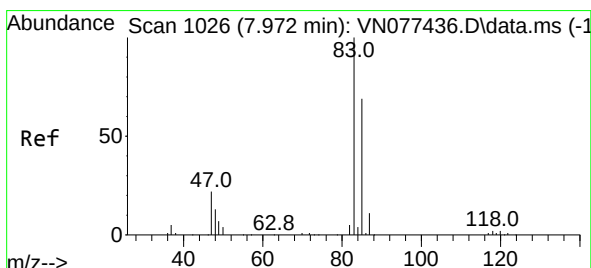
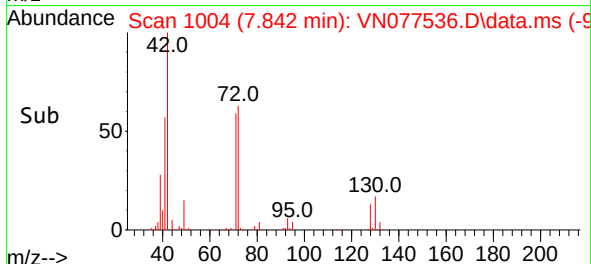
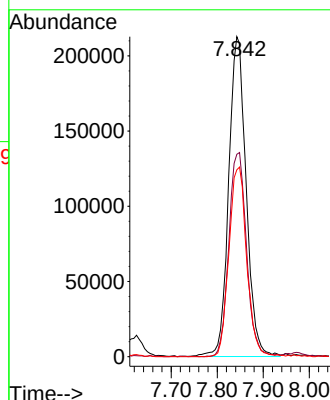
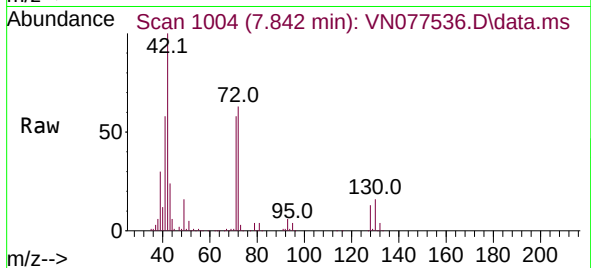
Ion	Ratio	Lower	Upper
42	100		
72	64.8	49.8	74.6
71	60.5	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#30

Chloroform

Concen: 50.818 ug/l

RT: 7.972 min Scan# 1026

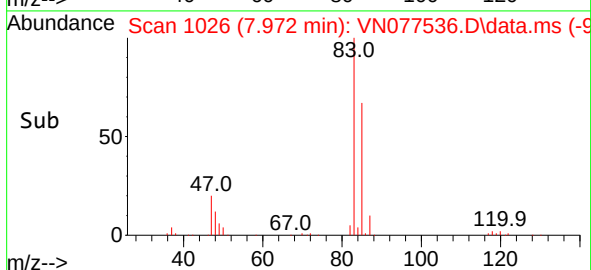
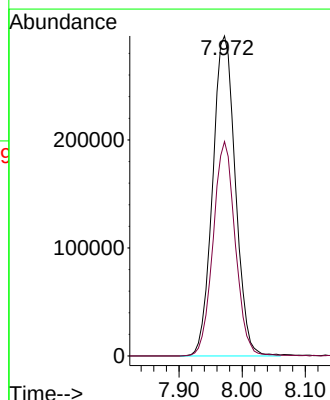
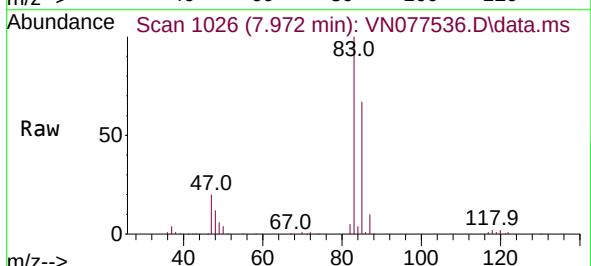
Delta R.T. 0.000 min

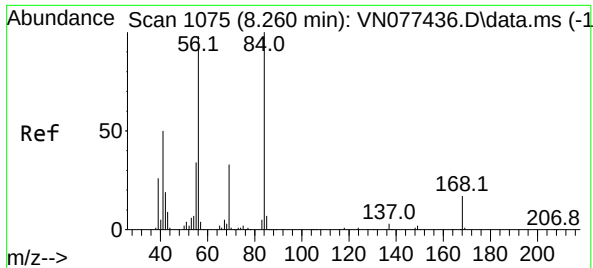
Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Tgt Ion: 83 Resp: 741253

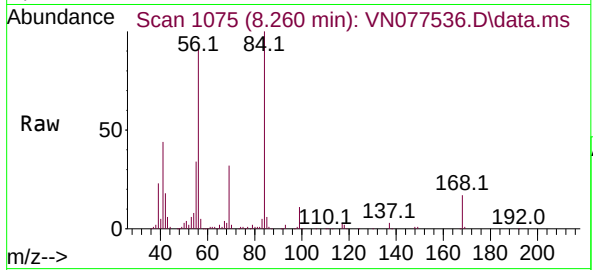
Ion	Ratio	Lower	Upper
83	100		
85	67.0	55.4	83.0





#31
Cyclohexane
Concen: 42.194 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

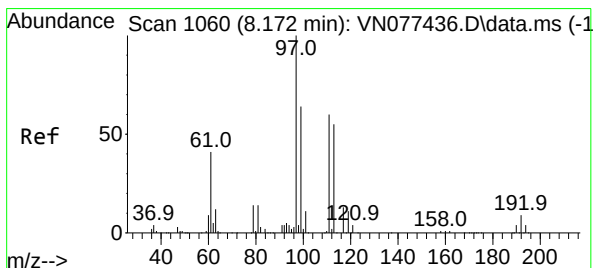
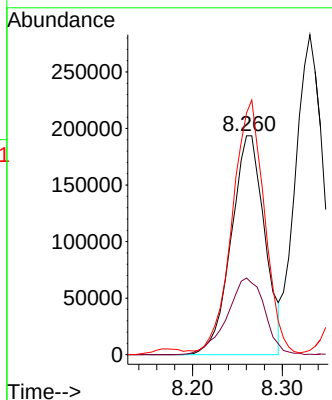
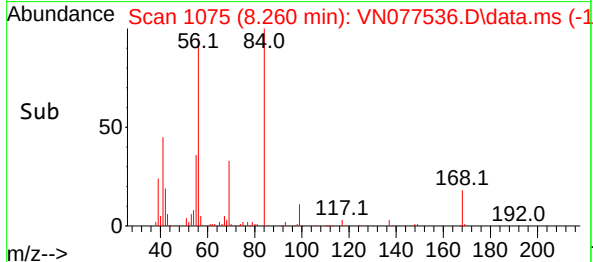
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



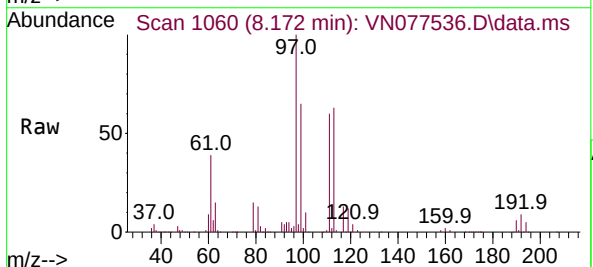
Tgt Ion: 56 Resp: 500824
Ion Ratio Lower Upper
56 100
69 34.6 26.8 40.2
84 108.0 81.8 122.6

Manual Integrations
APPROVED

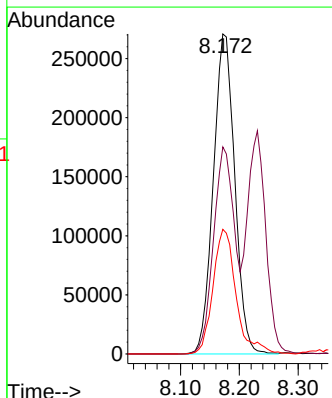
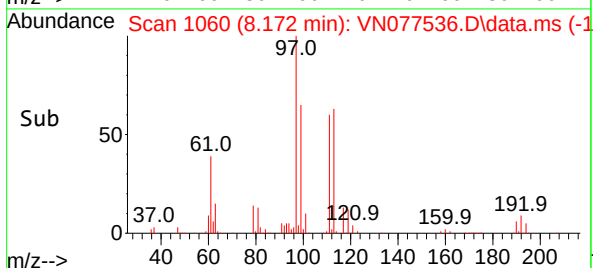
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

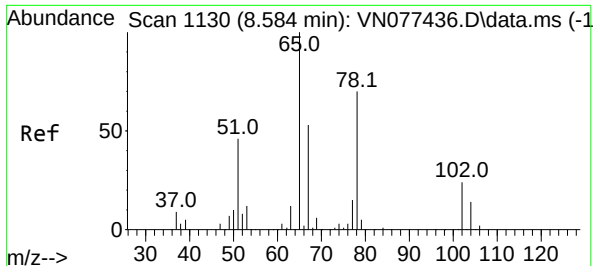


#32
1,1,1-Trichloroethane
Concen: 51.158 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



Tgt Ion: 97 Resp: 686046
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 42.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.467 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 45637

Ion Ratio Lower Upper

65 100

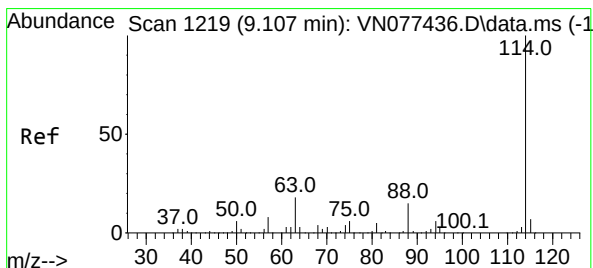
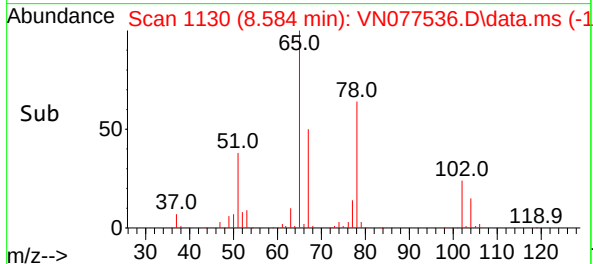
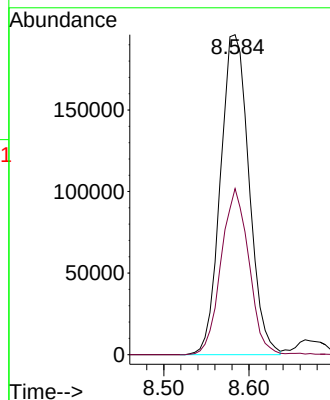
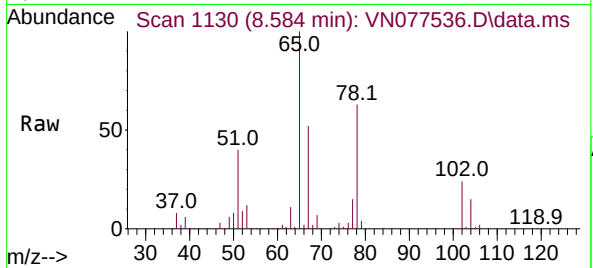
67 50.4 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

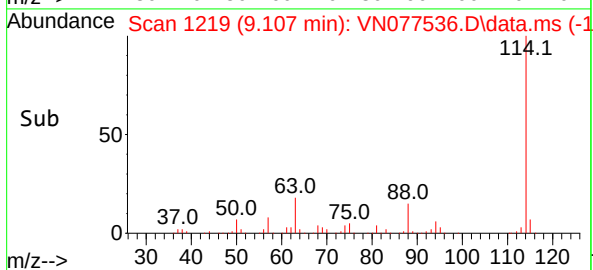
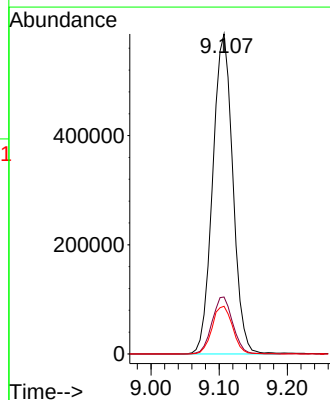
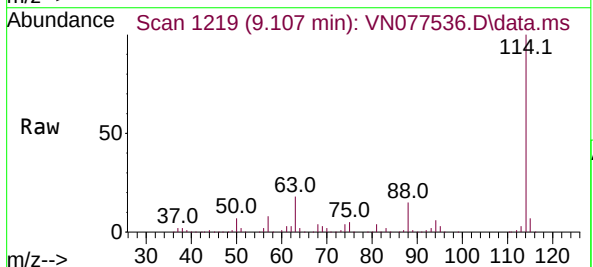
Tgt Ion:114 Resp: 1206777

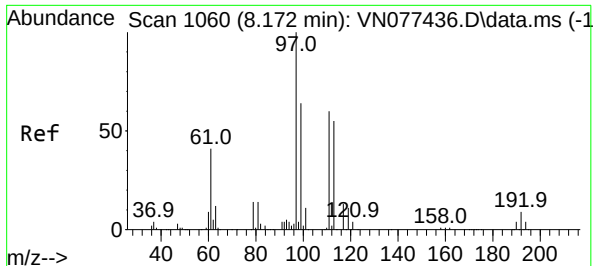
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.4

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.385 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

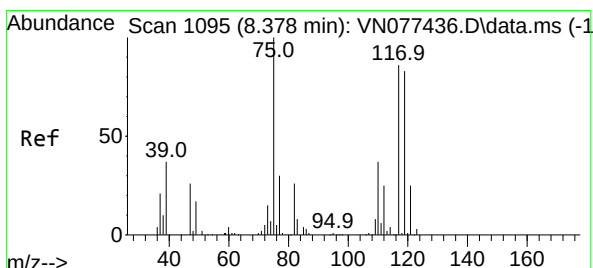
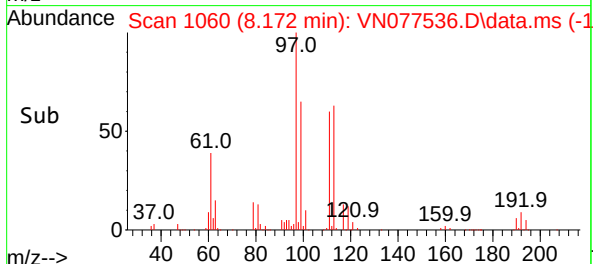
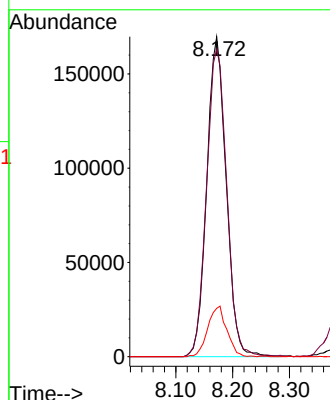
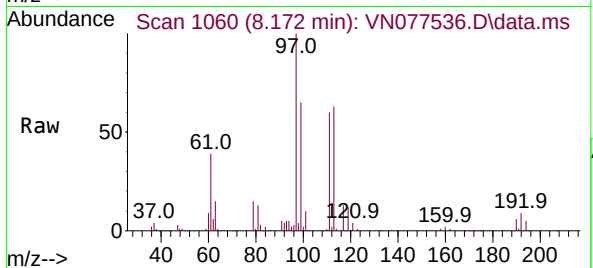
Tgt Ion:	113	Resp:	40172
Ion Ratio	Lower	Upper	
113	100		
111	100.2	82.6	123.8
192	15.5	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#36

1,1-Dichloropropene

Concen: 48.618 ug/l

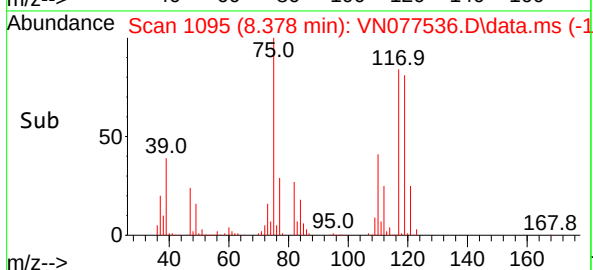
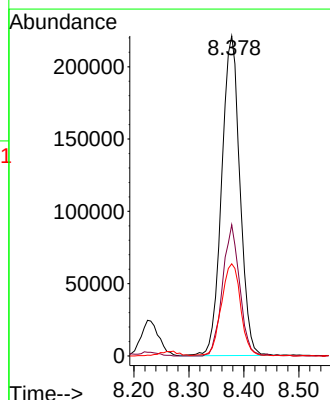
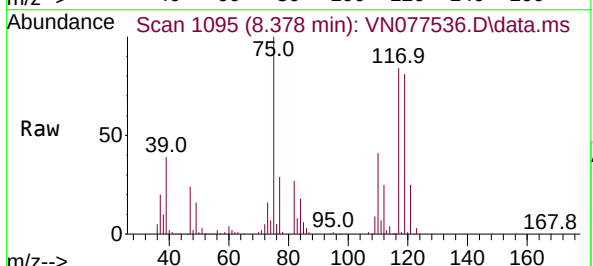
RT: 8.378 min Scan# 1095

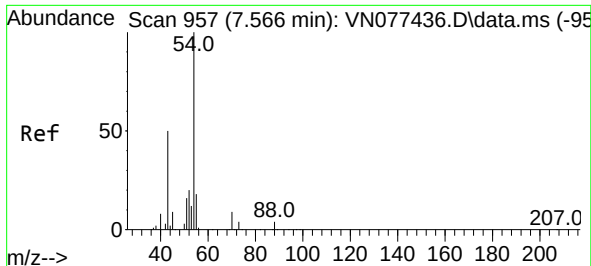
Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

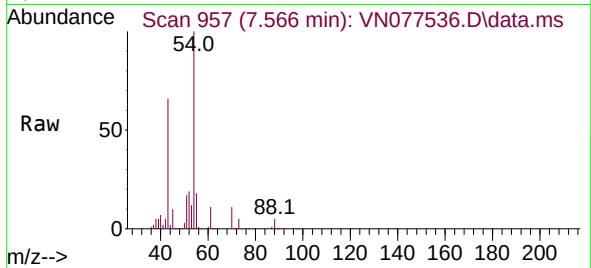
Tgt Ion:	75	Resp:	509460
Ion Ratio	Lower	Upper	
75	100		
110	38.4	19.1	57.3
77	30.3	25.0	37.4





#37
Ethyl Acetate
Concen: 45.172 ug/l
RT: 7.566 min Scan# 957
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

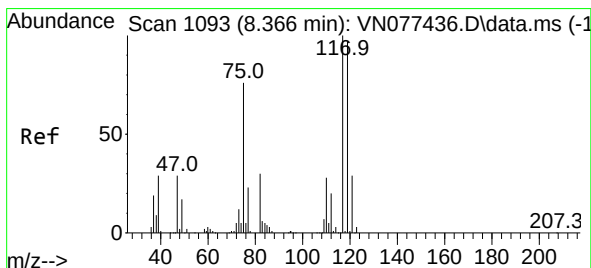
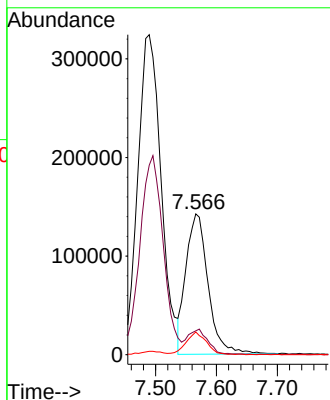
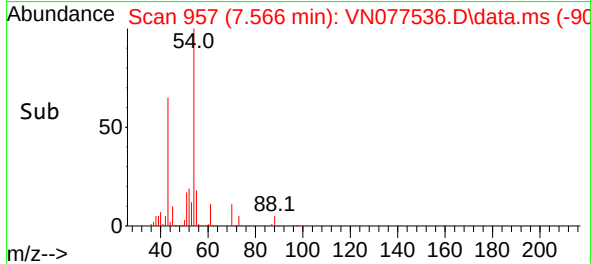
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 359692
Ion Ratio Lower Upper
43 100
61 16.7 13.2 19.8
70 14.7 11.3 16.9

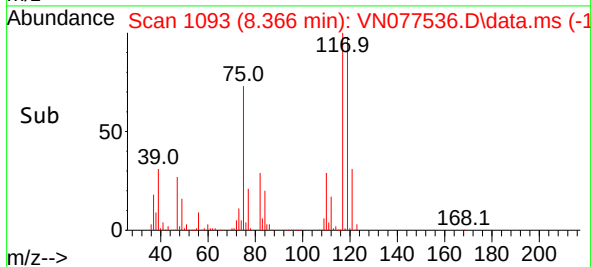
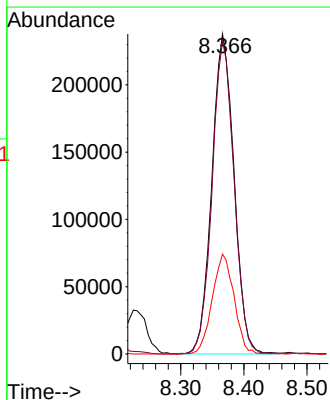
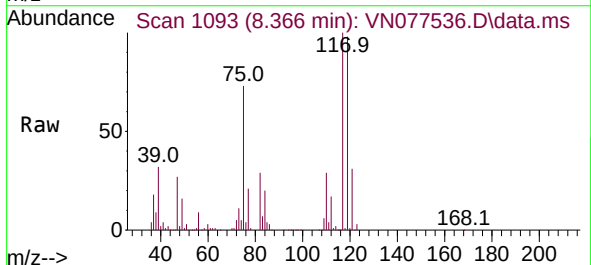
Manual Integrations
APPROVED

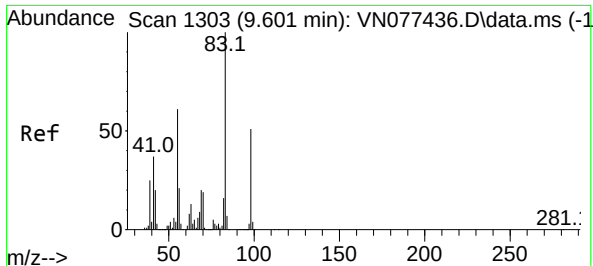
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#38
Carbon Tetrachloride
Concen: 50.227 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Tgt Ion:117 Resp: 580710
Ion Ratio Lower Upper
117 100
119 97.8 77.3 115.9
121 31.2 23.3 34.9





#39

Methylcyclohexane

Concen: 48.041 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077536.D

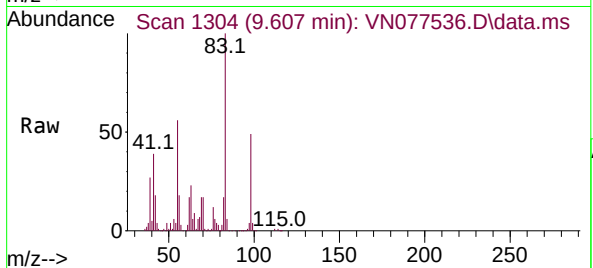
Acq: 29 Apr 2023 22:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 83 Resp: 663260

Ion Ratio Lower Upper

83 100

55 56.2 49.1 73.7

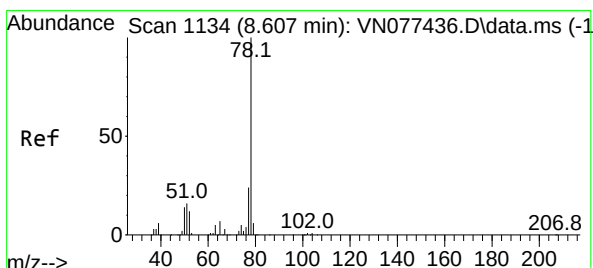
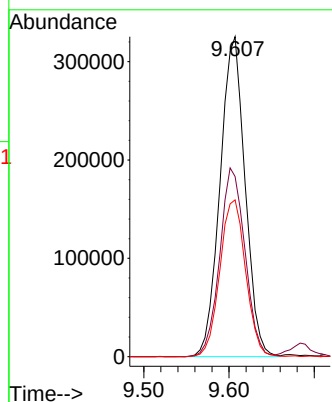
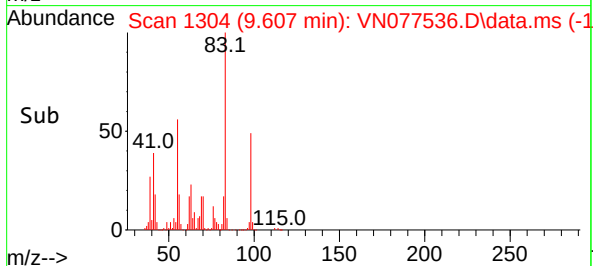
98 49.0 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#40

Benzene

Concen: 49.520 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN077536.D

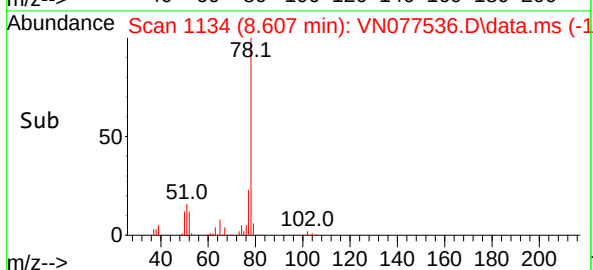
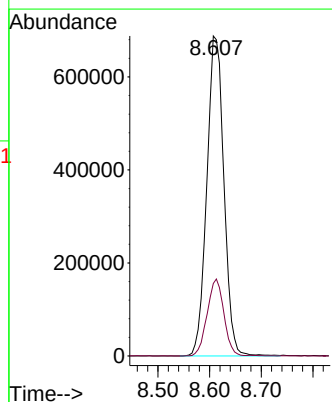
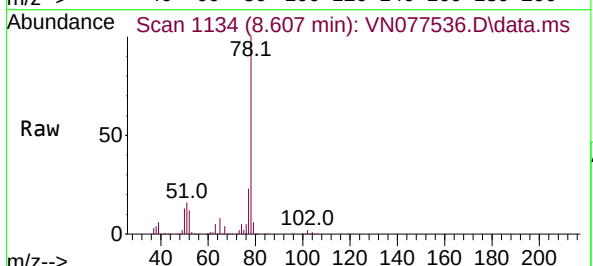
Acq: 29 Apr 2023 22:08

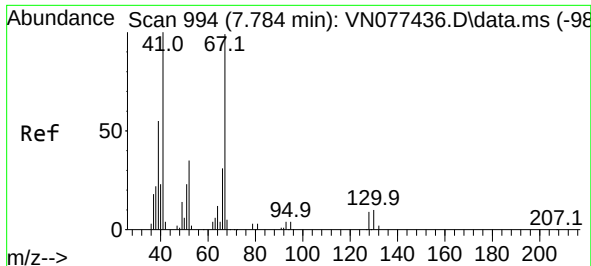
Tgt Ion: 78 Resp: 1580799

Ion Ratio Lower Upper

78 100

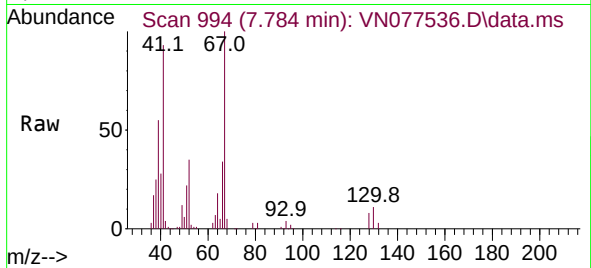
77 22.7 19.0 28.6





#41
Methacrylonitrile
Concen: 47.556 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

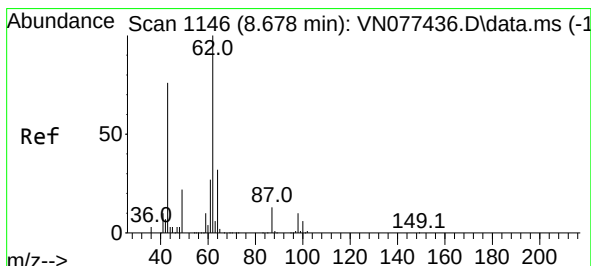
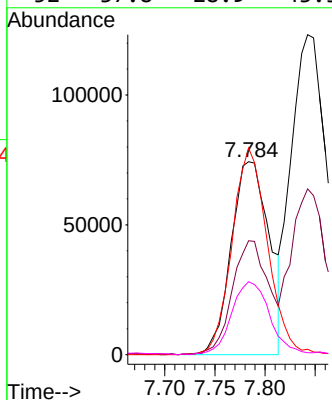
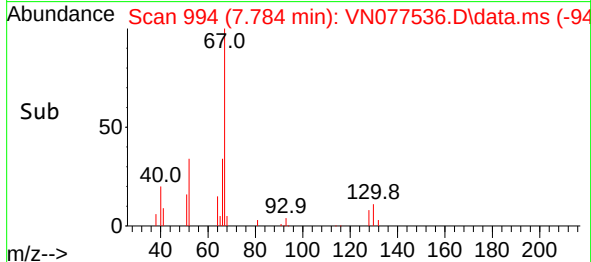
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



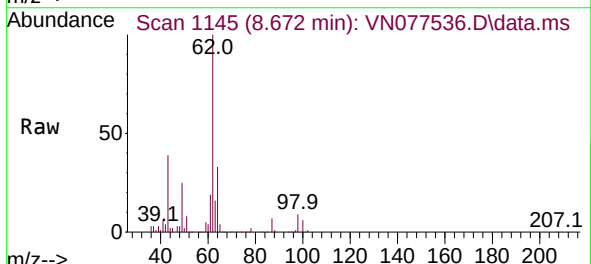
Tgt Ion: 41 Resp: 197227
Ion Ratio Lower Upper
41 100
39 56.4 42.6 64.0
67 99.7 77.5 116.3
52 37.8 28.9 43.3

Manual Integrations
APPROVED

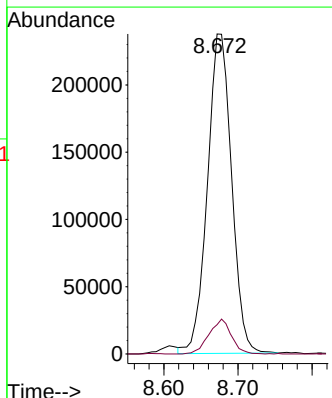
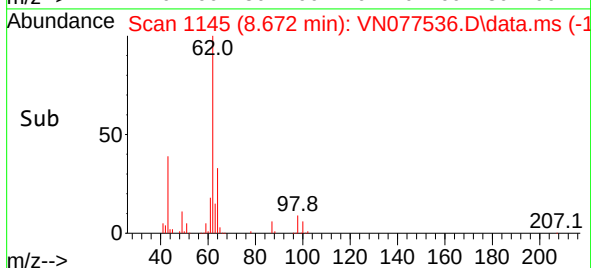
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

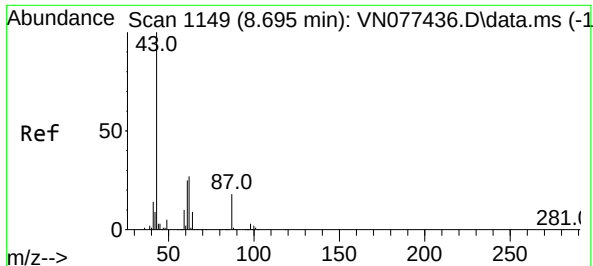


#42
1,2-Dichloroethane
Concen: 49.119 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



Tgt Ion: 62 Resp: 538558
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.8





#43

Isopropyl Acetate

Concen: 47.854 ug/l

RT: 8.689 min Scan# 1149

Delta R.T. -0.006 min

Lab File: VN077536.D

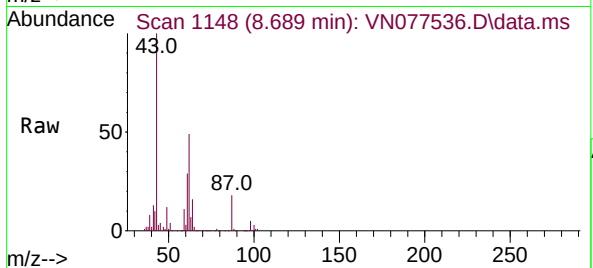
Acq: 29 Apr 2023 22:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



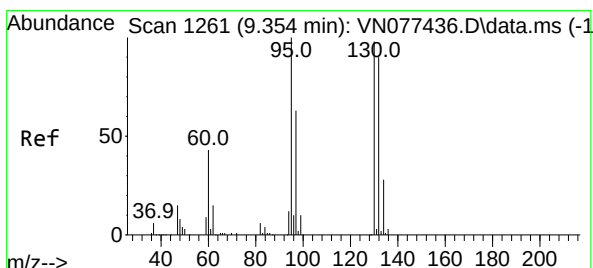
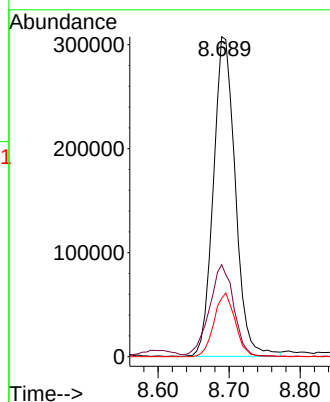
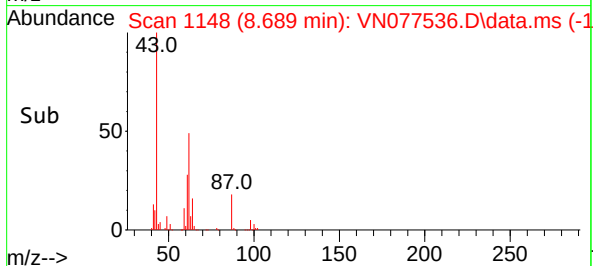
Tgt Ion:	43	Resp:	65921
Ion Ratio	Lower	Upper	
43	100		
61	31.9	24.7	37.1
87	19.3	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#44

Trichloroethene

Concen: 49.763 ug/l

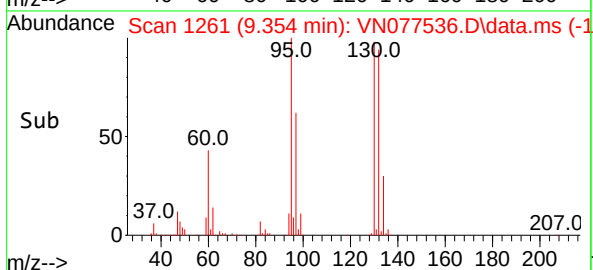
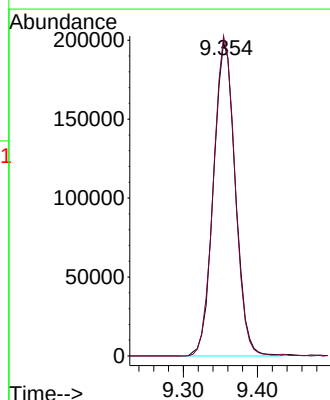
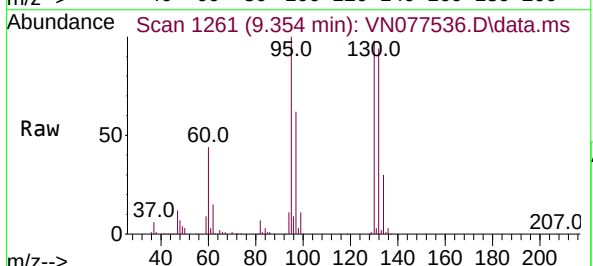
RT: 9.354 min Scan# 1261

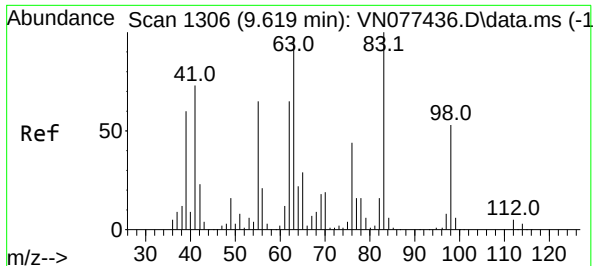
Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Tgt Ion:	130	Resp:	406734
Ion Ratio	Lower	Upper	
130	100		
95	102.1	0.0	204.6





#45

1,2-Dichloropropane

Concen: 49.144 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 367490

Ion Ratio Lower Upper

63 100

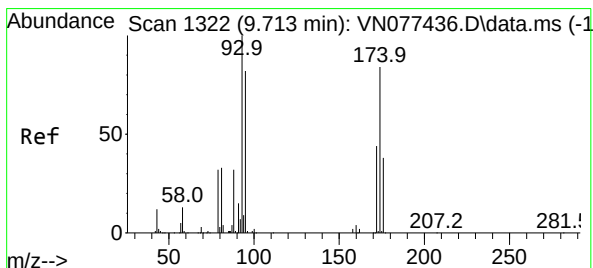
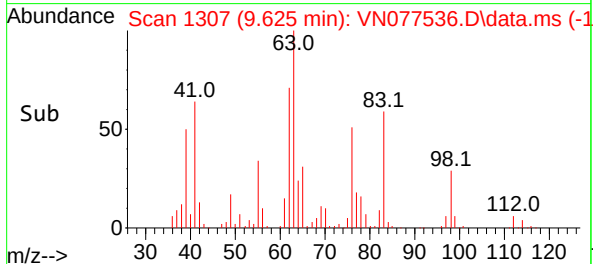
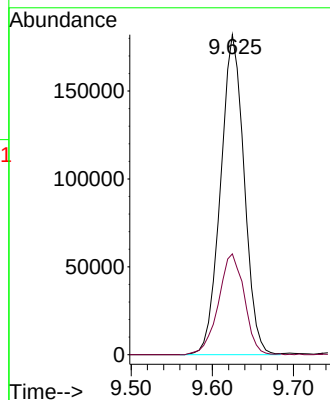
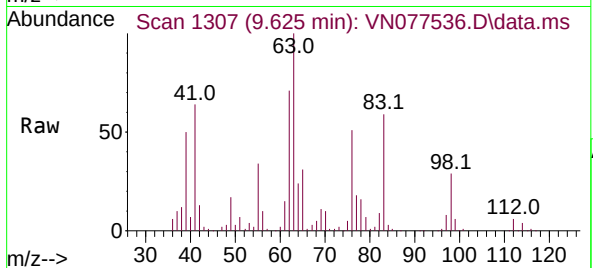
65 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#46

Dibromomethane

Concen: 49.674 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

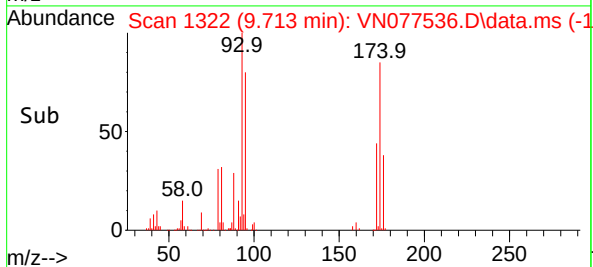
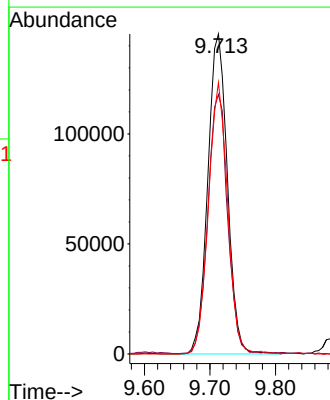
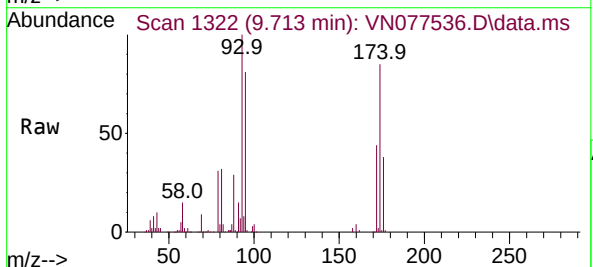
Tgt Ion: 93 Resp: 301398

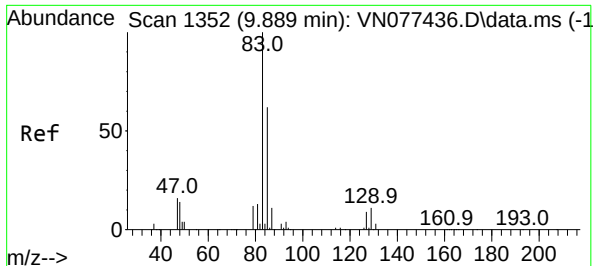
Ion Ratio Lower Upper

93 100

95 81.5 63.8 95.8

174 83.4 65.6 98.4





#47

Bromodichloromethane

Concen: 50.632 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 59424

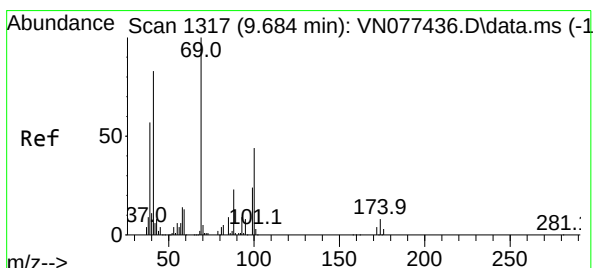
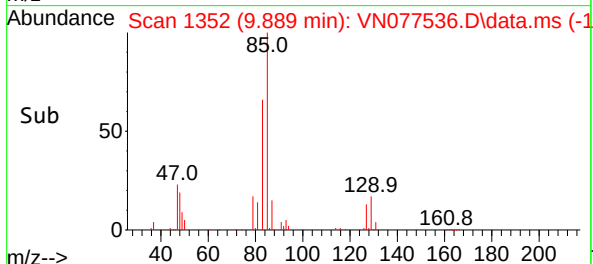
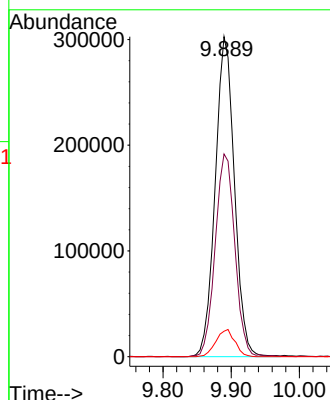
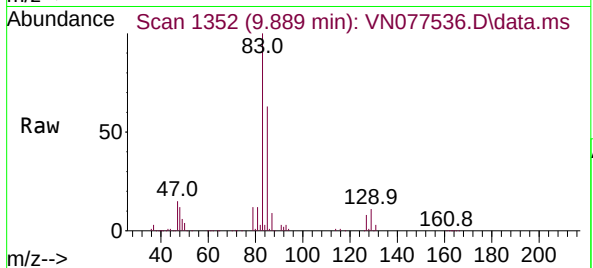
Ion	Ratio	Lower	Upper
83	100		
85	63.4	49.6	74.4
127	8.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#48

Methyl methacrylate

Concen: 45.032 ug/l

RT: 9.684 min Scan# 1317

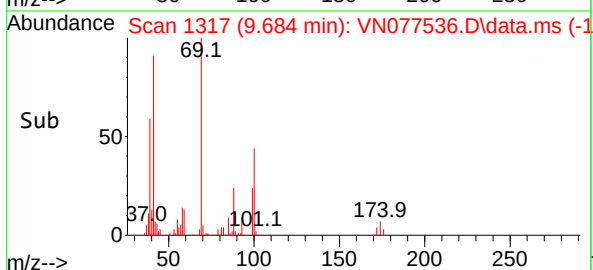
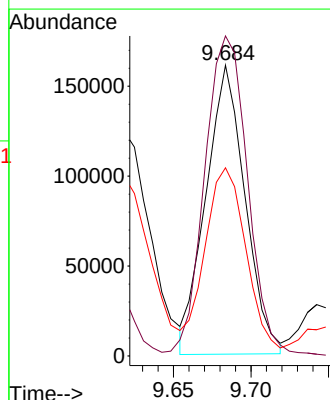
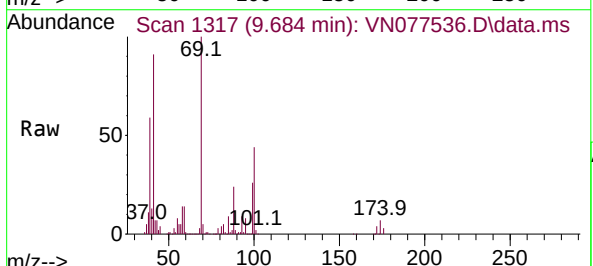
Delta R.T. 0.000 min

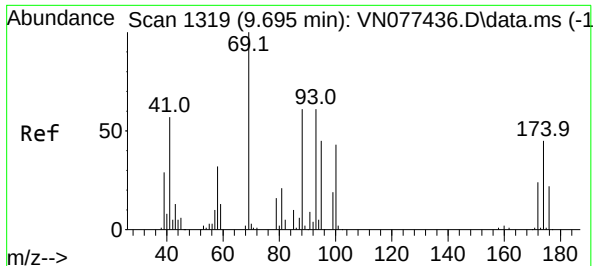
Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Tgt Ion: 41 Resp: 282373

Ion	Ratio	Lower	Upper
41	100		
69	121.2	90.4	135.6
39	69.1	54.6	81.8





#49

1,4-Dioxane

Concen: 988.110 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 15541

Ion Ratio Lower Upper

88 100

43 19.0 17.0 25.6

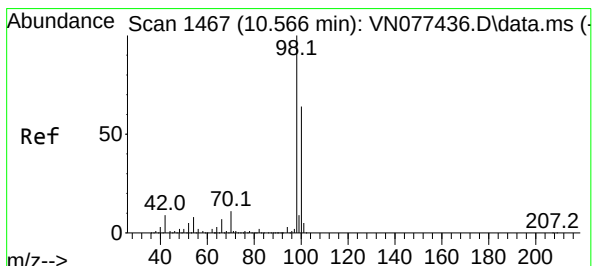
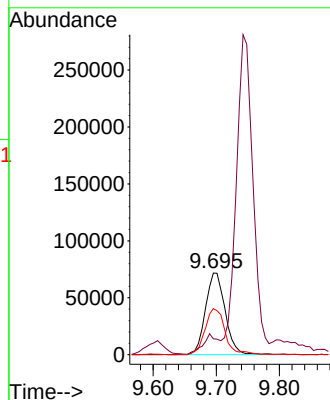
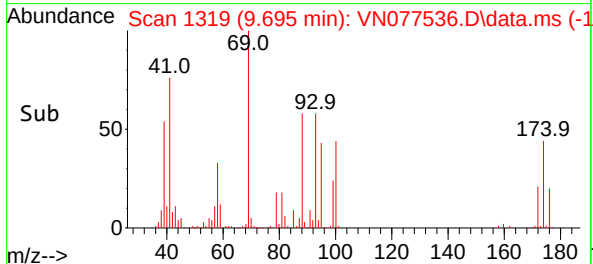
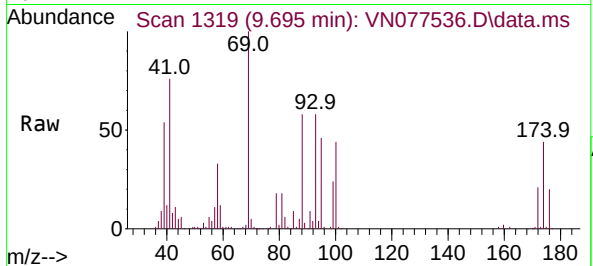
58 57.6 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#50

Toluene-d8

Concen: 56.622 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. 0.000 min

Lab File: VN077536.D

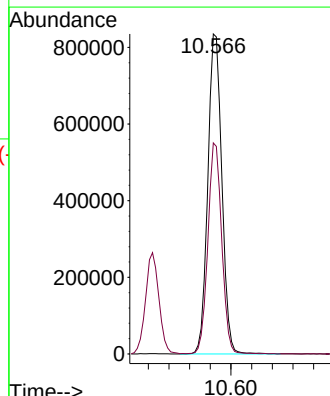
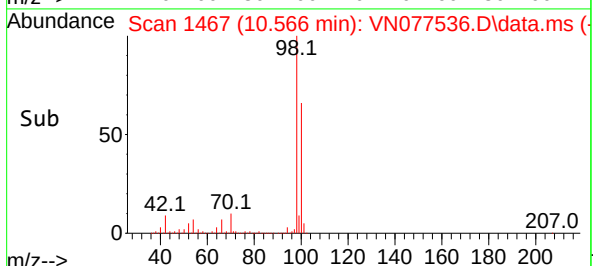
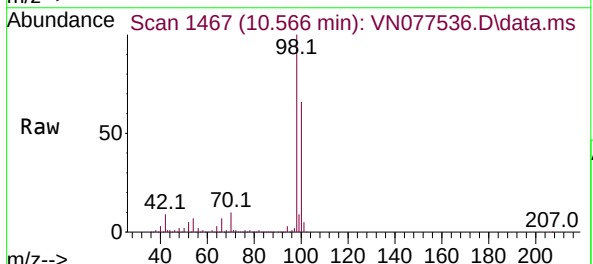
Acq: 29 Apr 2023 22:08

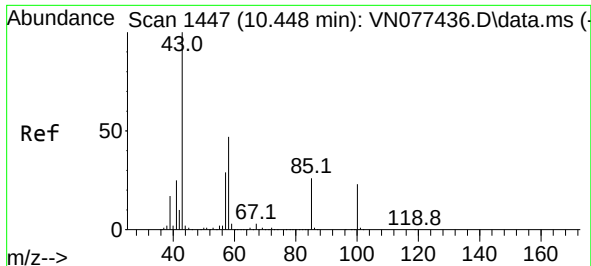
Tgt Ion: 98 Resp: 1574026

Ion Ratio Lower Upper

98 100

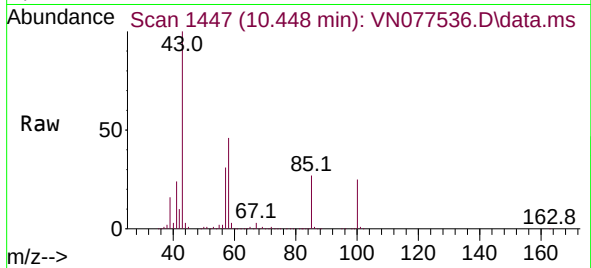
100 64.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 236.951 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

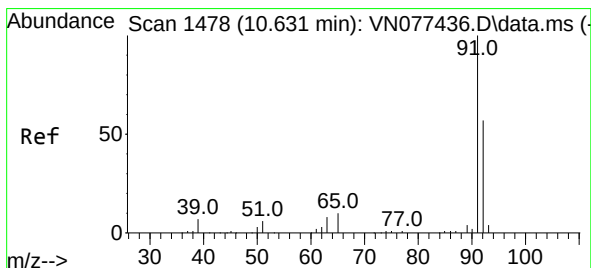
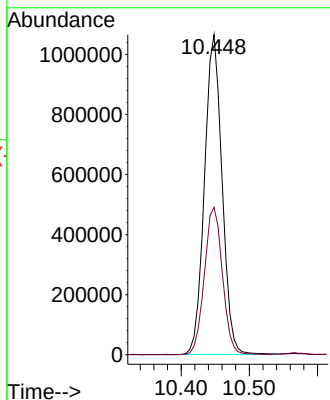
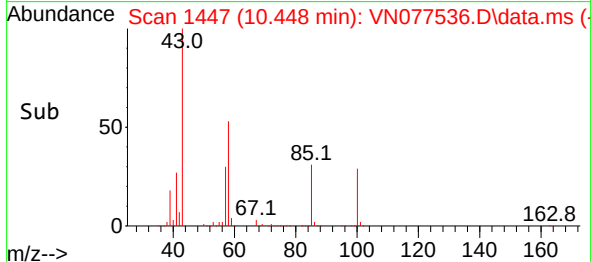
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 191455
Ion Ratio Lower Upper
43 100
58 47.4 36.6 54.8

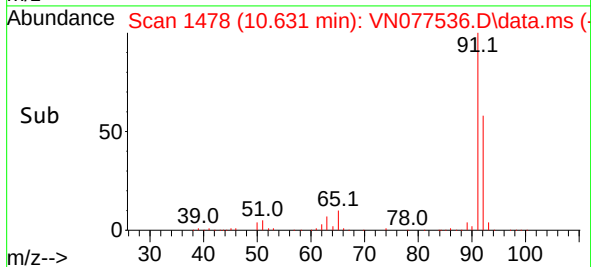
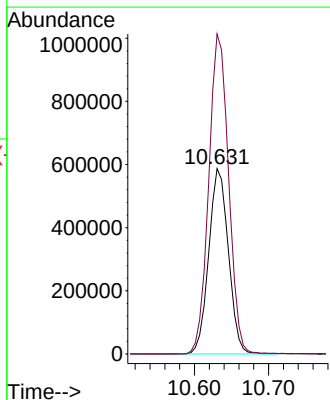
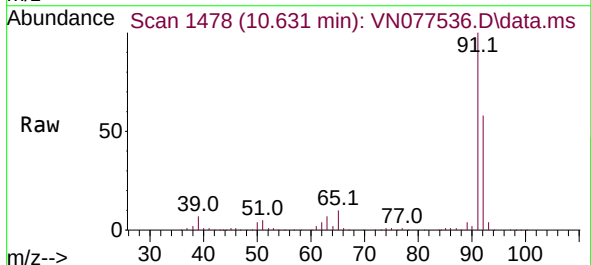
Manual Integrations
APPROVED

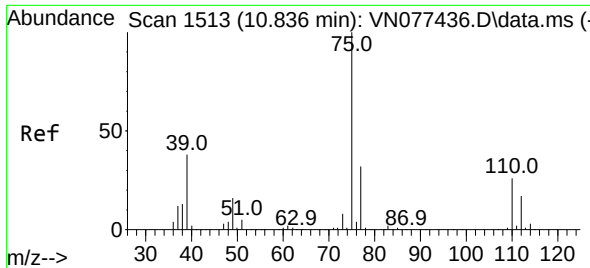
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#52
Toluene
Concen: 51.625 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

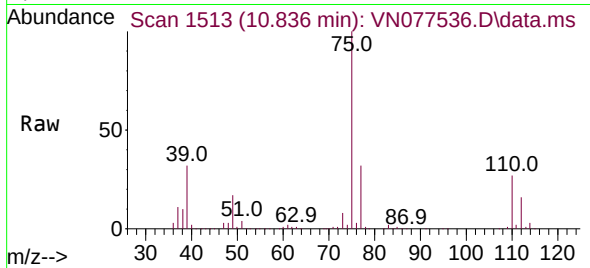
Tgt Ion: 92 Resp: 1079613
Ion Ratio Lower Upper
92 100
91 174.7 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 51.412 ug/l
RT: 10.836 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

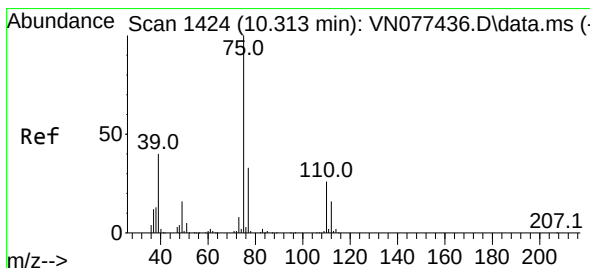
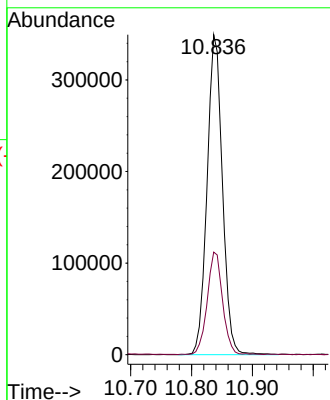
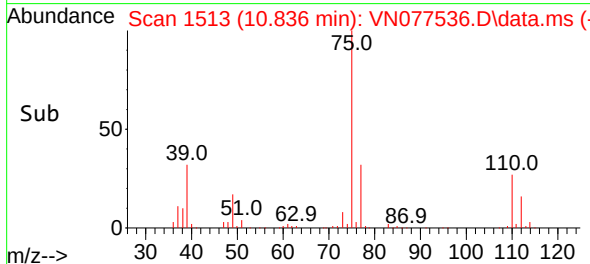
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



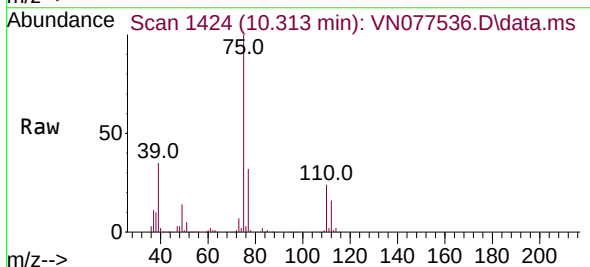
Tgt Ion: 75 Resp: 61099
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0

Manual Integrations
APPROVED

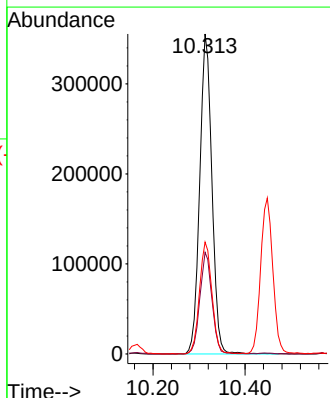
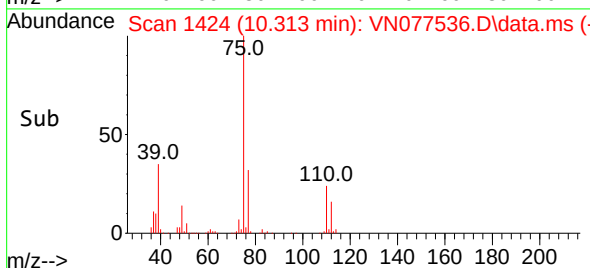
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

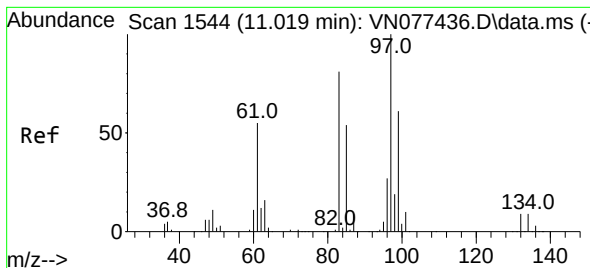


#54
cis-1,3-Dichloropropene
Concen: 50.636 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



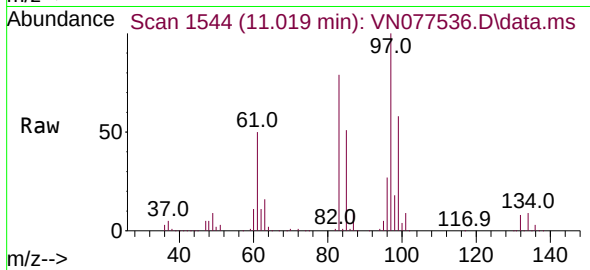
Tgt Ion: 75 Resp: 655027
Ion Ratio Lower Upper
75 100
77 31.7 26.1 39.1
39 34.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 51.953 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

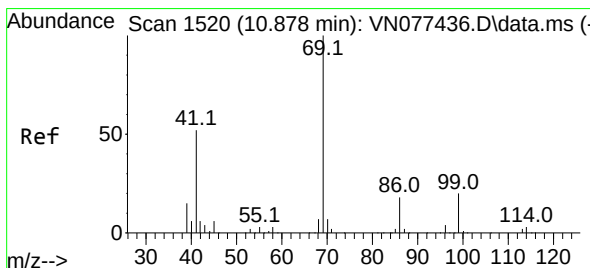
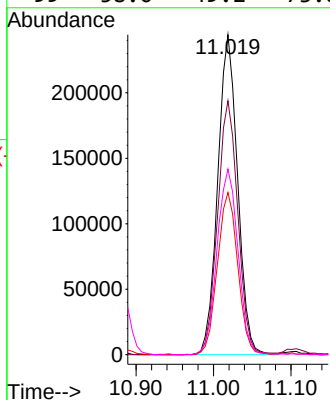
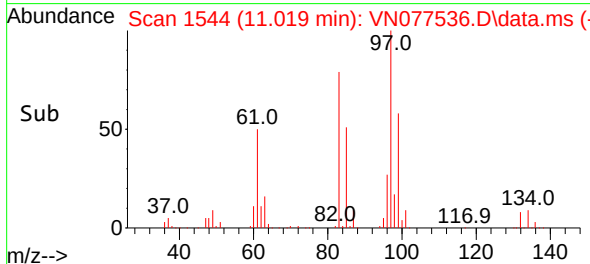
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 43690
Ion Ratio Lower Upper
97 100
83 79.3 65.1 97.7
85 50.7 43.4 65.2
99 58.0 49.2 73.8

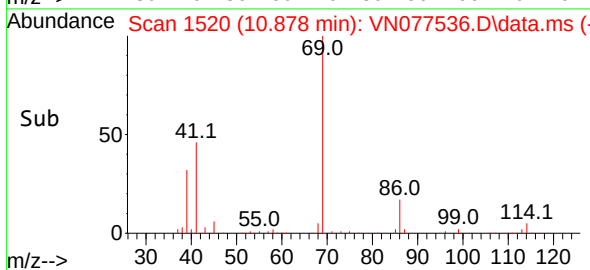
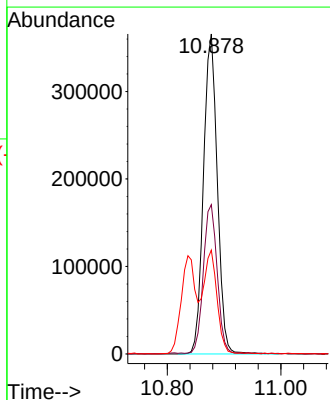
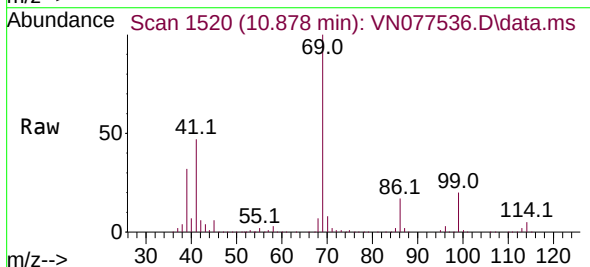
Manual Integrations
APPROVED

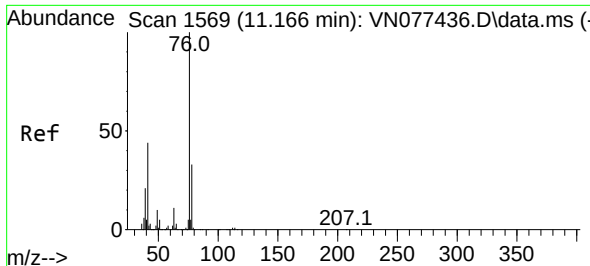
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#56
Ethyl methacrylate
Concen: 52.265 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

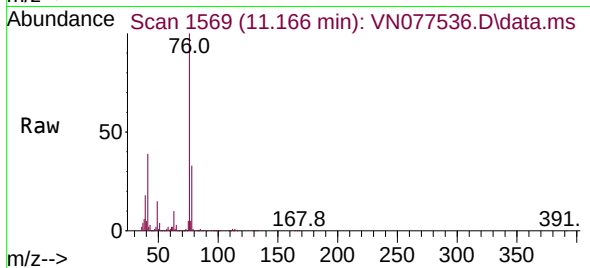
Tgt Ion: 69 Resp: 615871
Ion Ratio Lower Upper
69 100
41 46.4 39.6 59.4
39 31.8 28.6 43.0





#57
1,3-Dichloropropane
Concen: 51.870 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

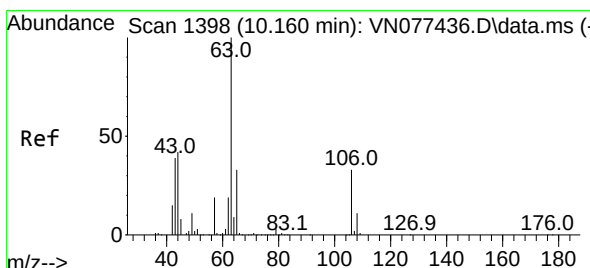
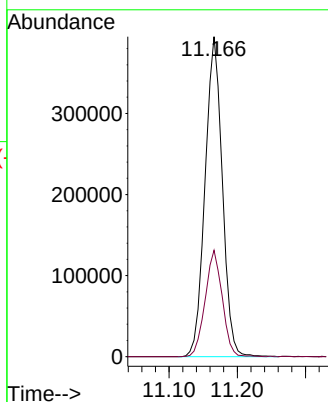
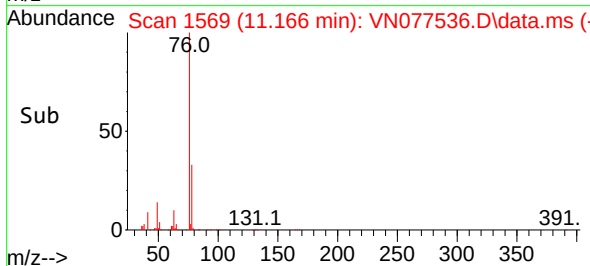
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 69480
Ion Ratio Lower Upper
76 100
78 32.9 26.1 39.1

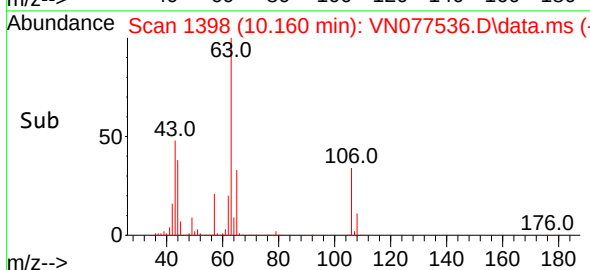
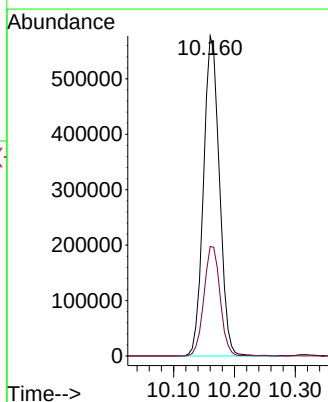
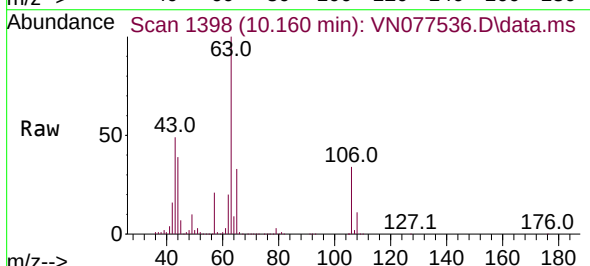
Manual Integrations
APPROVED

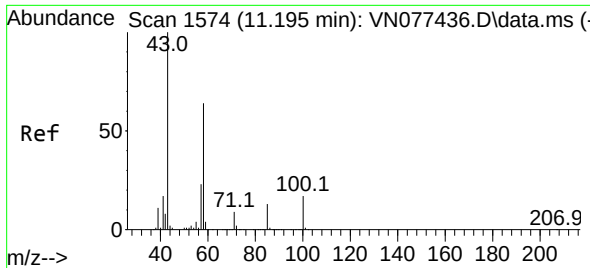
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 263.707 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Tgt Ion: 63 Resp: 1051046
Ion Ratio Lower Upper
63 100
106 34.7 26.2 39.4





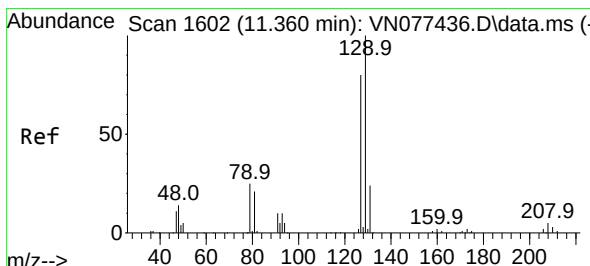
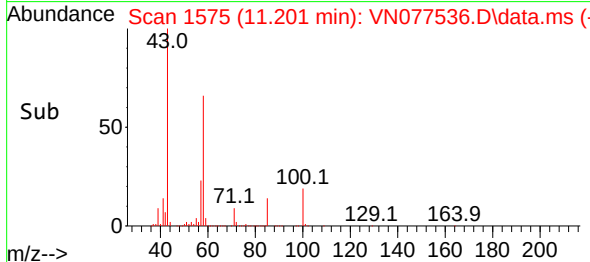
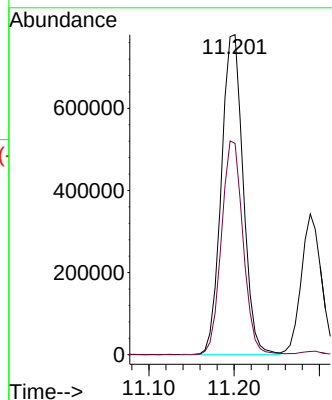
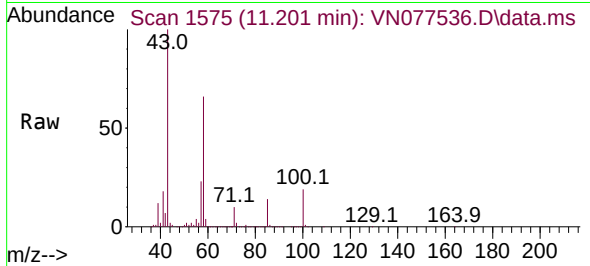
#59
2-Hexanone
Concen: 235.408 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 138260
Ion Ratio Lower Upper
43 100
58 66.4 31.7 95.1

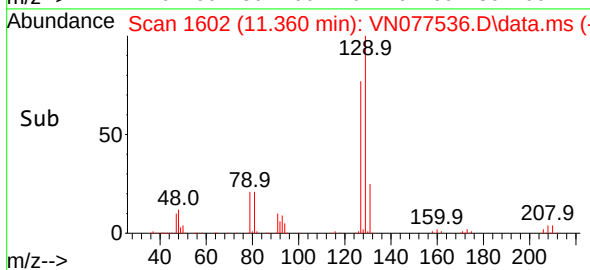
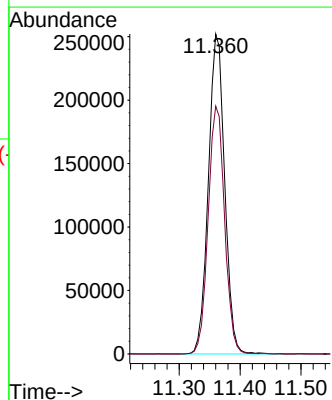
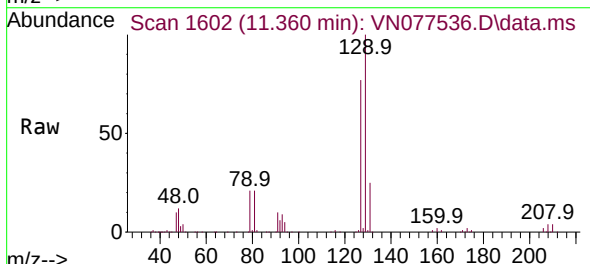
Manual Integrations
APPROVED

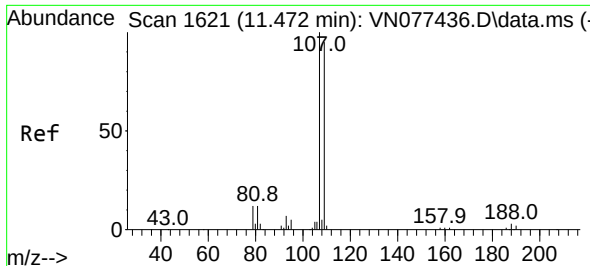
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#60
Dibromochloromethane
Concen: 53.679 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

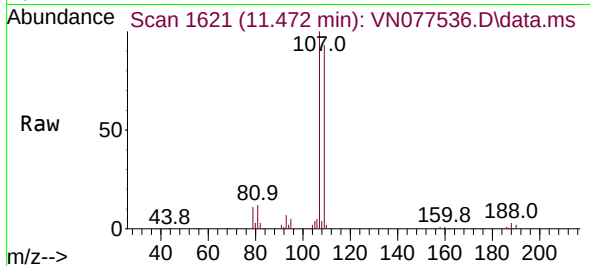
Tgt Ion:129 Resp: 468490
Ion Ratio Lower Upper
129 100
127 78.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.119 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

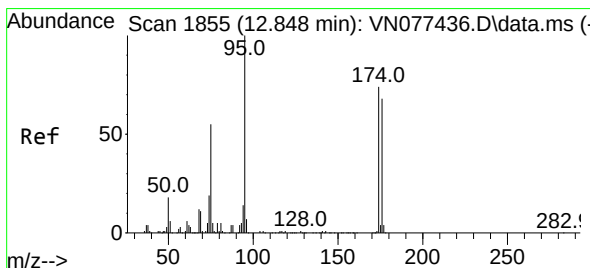
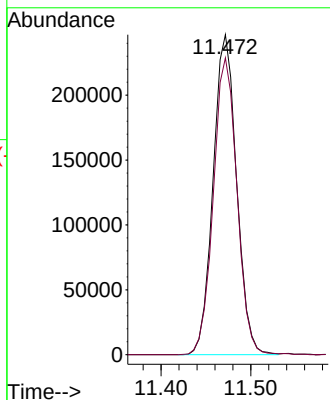
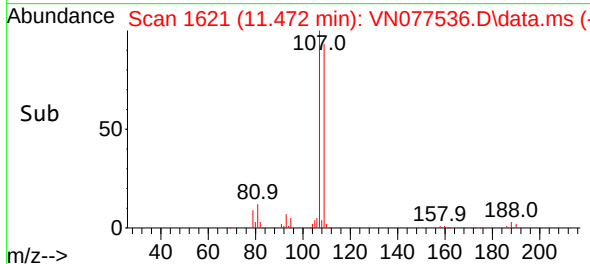
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



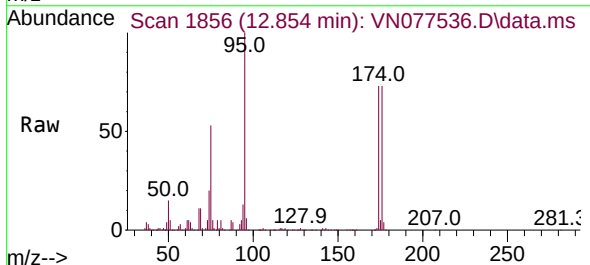
Tgt Ion:107 Resp: 44747
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8

Manual Integrations
APPROVED

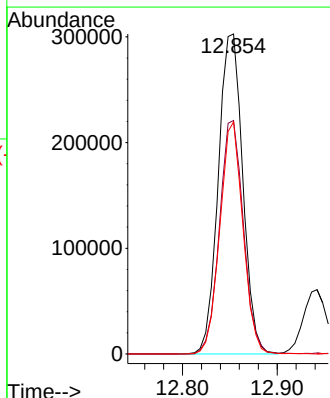
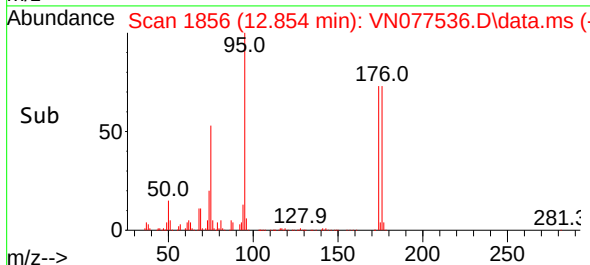
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

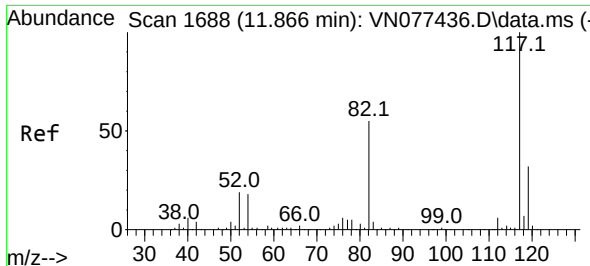


#62
4-Bromofluorobenzene
Concen: 59.738 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



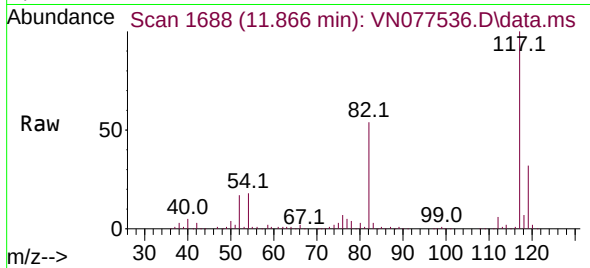
Tgt Ion: 95 Resp: 543319
Ion Ratio Lower Upper
95 100
174 71.6 0.0 143.8
176 68.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 111059
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

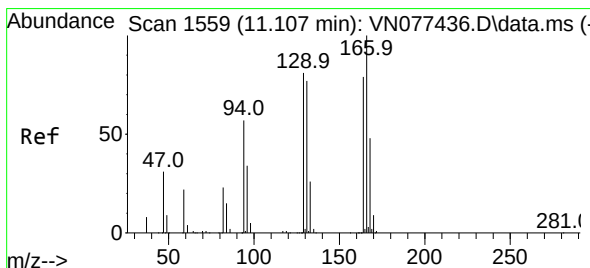
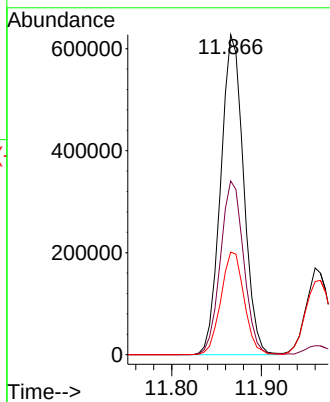
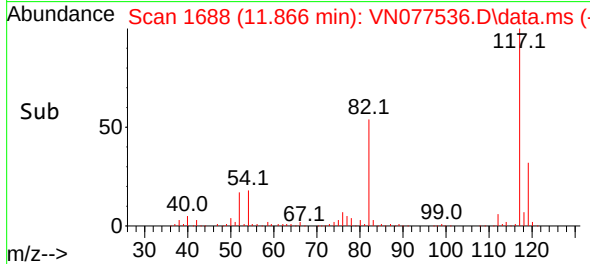
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



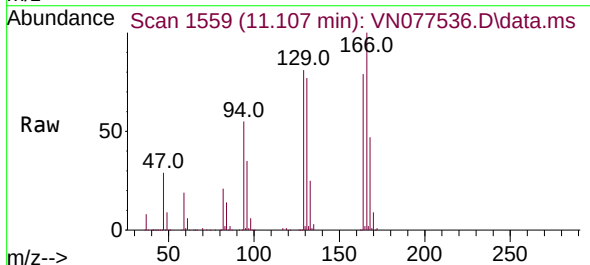
Tgt Ion:117 Resp: 111059
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 32.0 25.6 38.4

Manual Integrations
APPROVED

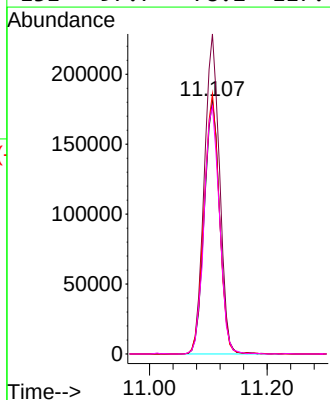
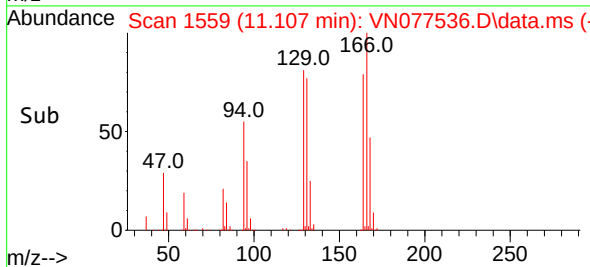
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

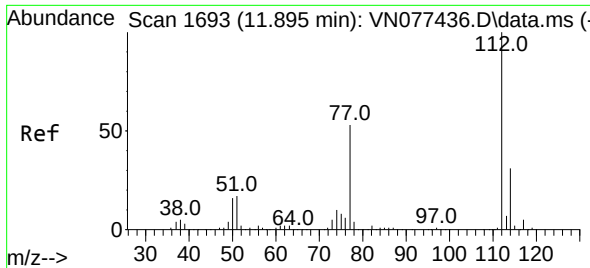


#64
Tetrachloroethene
Concen: 49.306 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



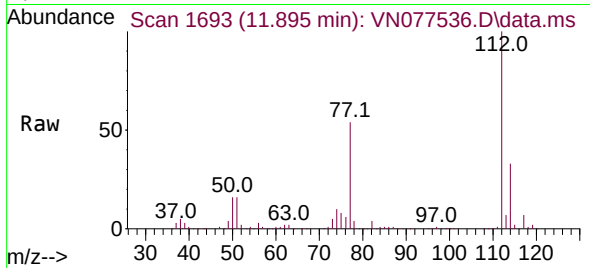
Tgt Ion:164 Resp: 327793
Ion Ratio Lower Upper
164 100
166 126.3 101.4 152.0
129 102.7 82.4 123.6
131 97.7 78.2 117.4





#65
Chlorobenzene
Concen: 49.267 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

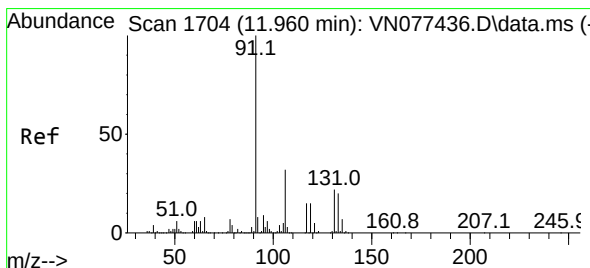
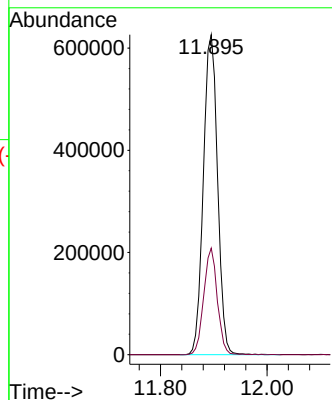
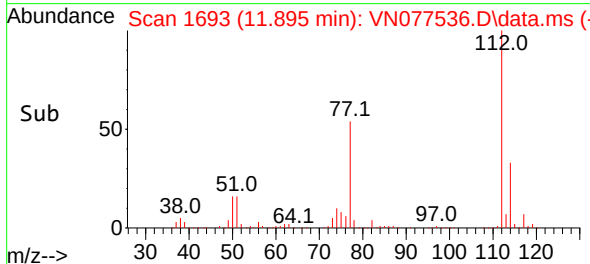
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



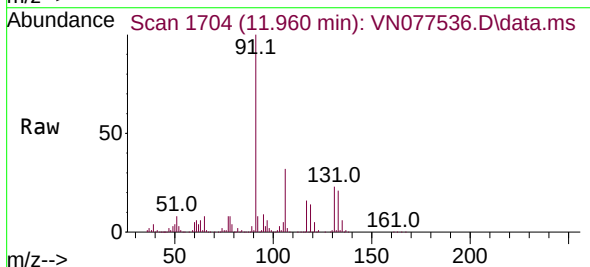
Tgt Ion:112 Resp: 115781
Ion Ratio Lower Upper
112 100
114 33.3 25.0 37.4

Manual Integrations
APPROVED

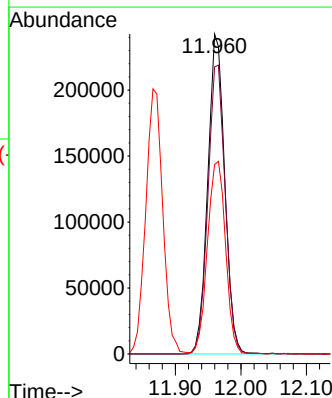
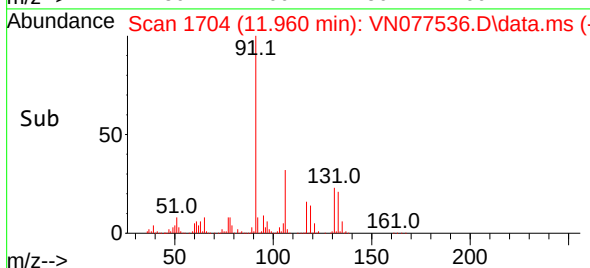
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

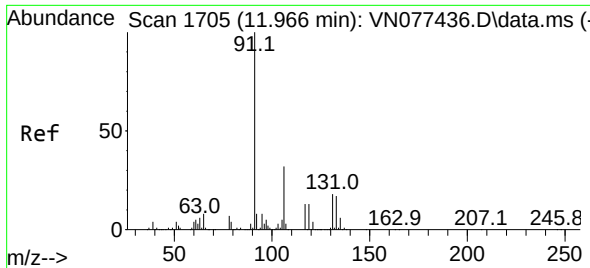


#66
1,1,1,2-Tetrachloroethane
Concen: 50.976 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



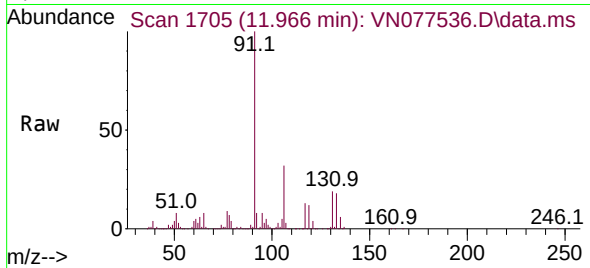
Tgt Ion:131 Resp: 435865
Ion Ratio Lower Upper
131 100
133 92.3 46.4 139.1
119 64.3 34.1 102.2





#67
Ethyl Benzene
Concen: 50.572 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

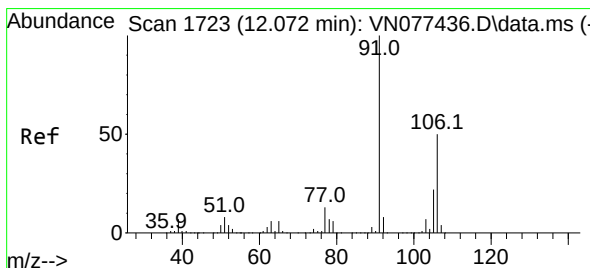
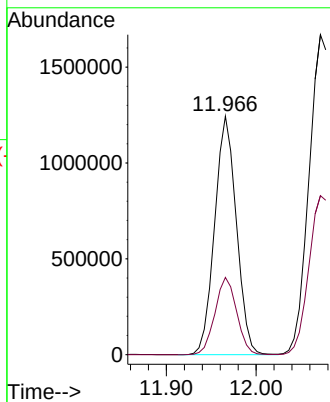
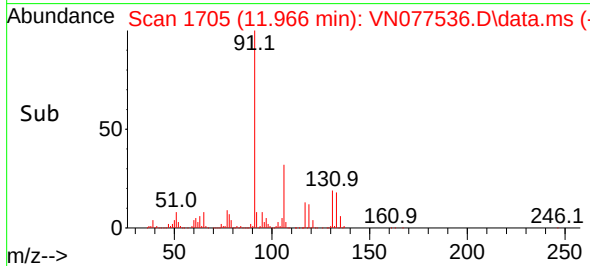
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



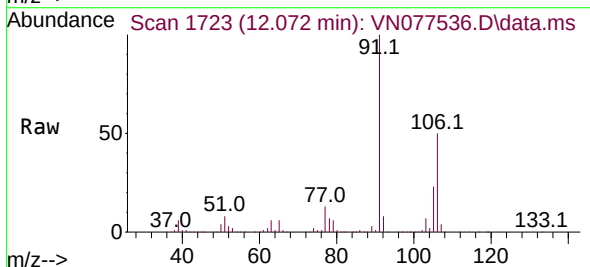
Tgt Ion: 91 Resp: 2092190
Ion Ratio Lower Upper
91 100
106 32.4 25.6 38.4

Manual Integrations
APPROVED

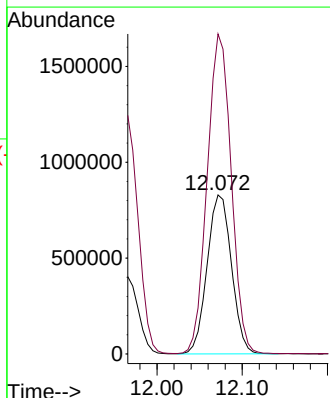
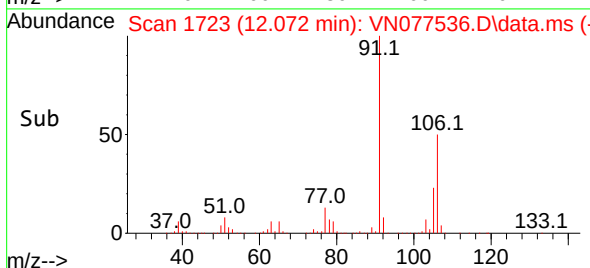
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

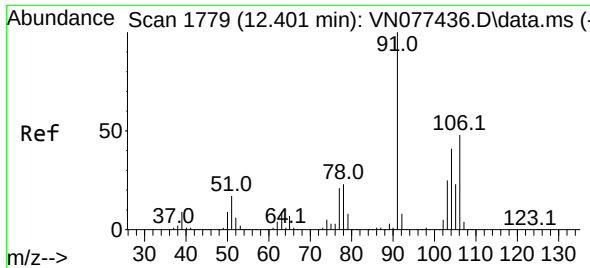


#68
m/p-Xylenes
Concen: 102.466 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



Tgt Ion:106 Resp: 1647557
Ion Ratio Lower Upper
106 100
91 198.2 159.6 239.4





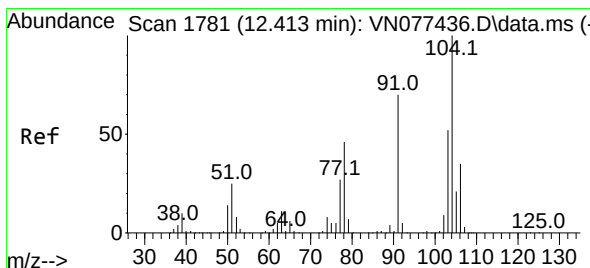
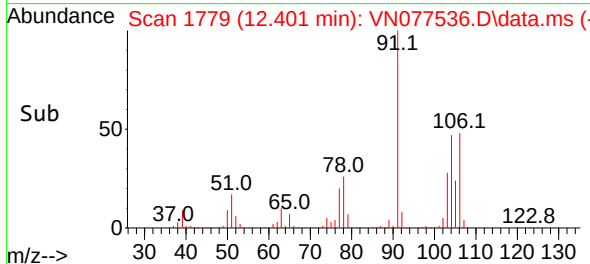
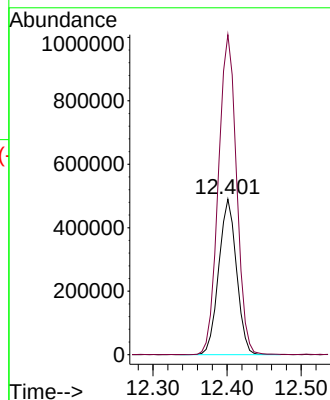
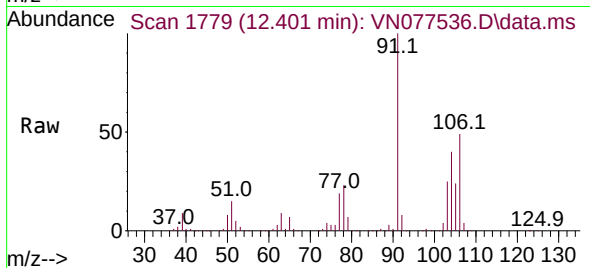
#69
o-Xylene
Concen: 51.651 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 81688
Ion Ratio Lower Upper
106 100
91 210.5 105.2 315.5

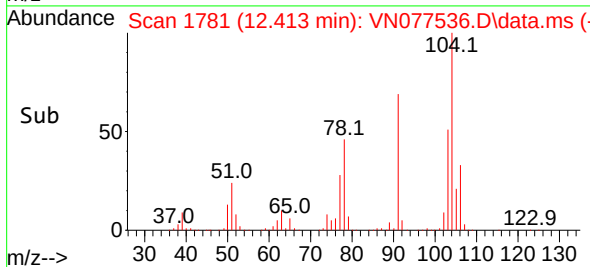
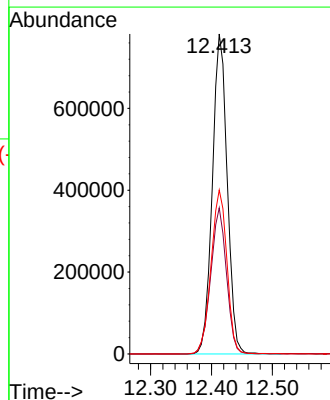
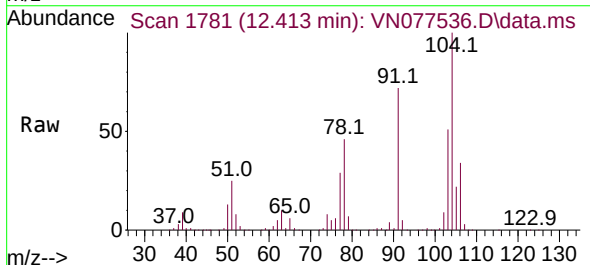
Manual Integrations
APPROVED

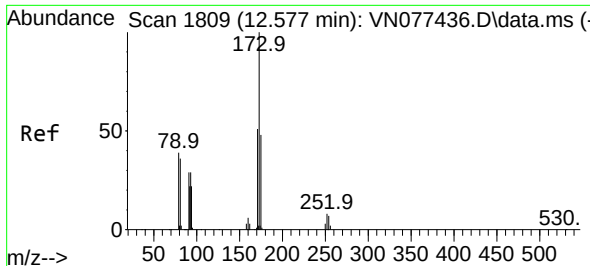
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#70
Styrene
Concen: 53.621 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

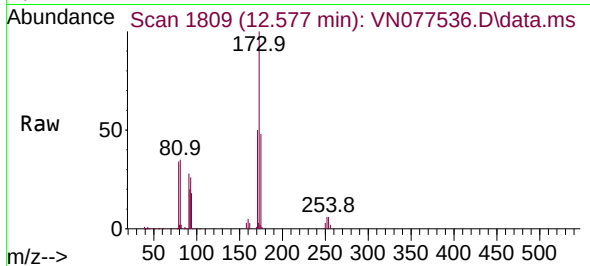
Tgt Ion:104 Resp: 1326233
Ion Ratio Lower Upper
104 100
78 48.2 39.5 59.3
103 54.6 43.2 64.8





#71
Bromoform
Concen: 52.769 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

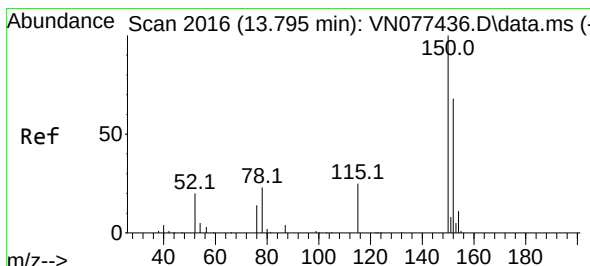
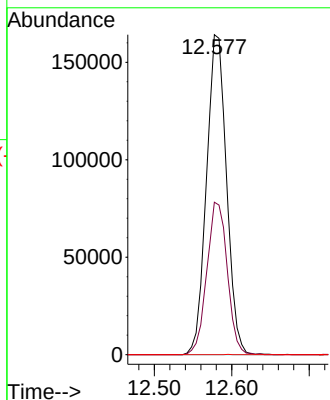
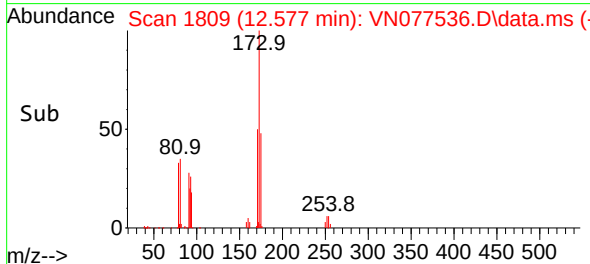
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 295183
Ion Ratio Lower Upper
173 100
175 48.6 24.3 73.0
254 0.0 0.0 0.0

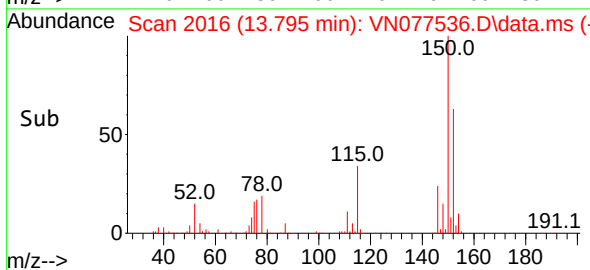
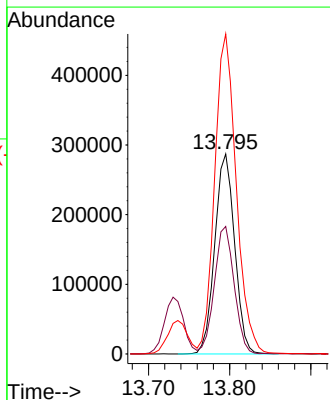
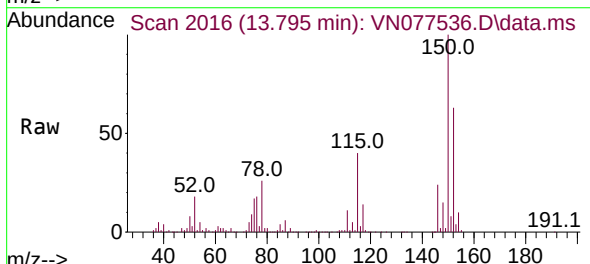
Manual Integrations
APPROVED

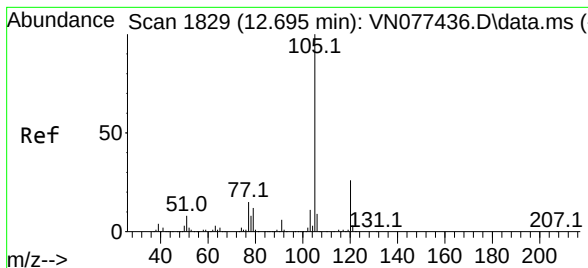
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Tgt Ion:152 Resp: 488800
Ion Ratio Lower Upper
152 100
115 63.4 32.3 96.8
150 173.7 0.0 355.8





#73

Isopropylbenzene

Concen: 47.092 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 213602

Ion Ratio Lower Upper

105 100

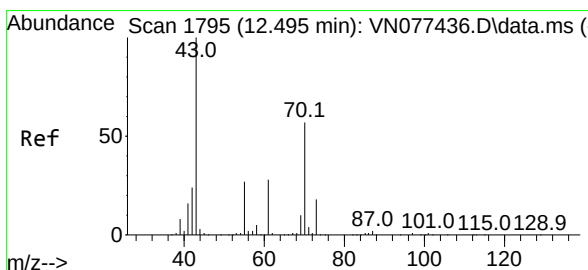
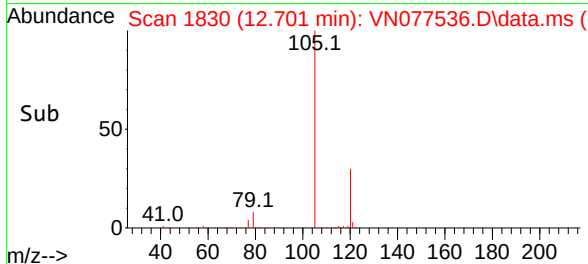
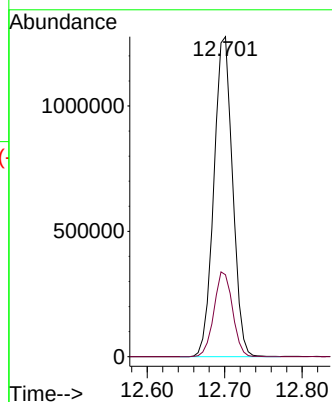
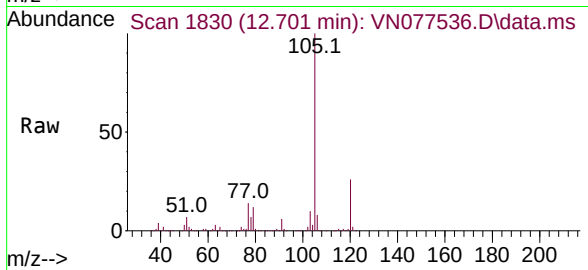
120 26.4 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/01/2023

Supervised By :Mahesh Dadoda 05/01/2023



#74

N-amy1 acetate

Concen: 41.447 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077536.D

Acq: 29 Apr 2023 22:08

Tgt Ion: 43 Resp: 556578

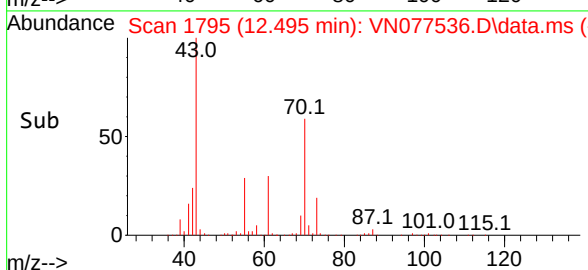
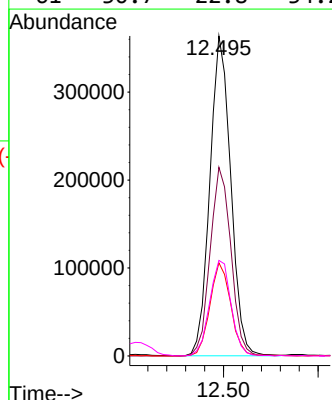
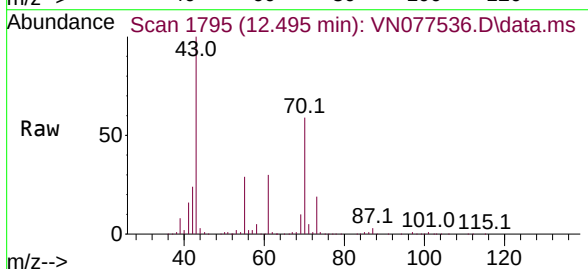
Ion Ratio Lower Upper

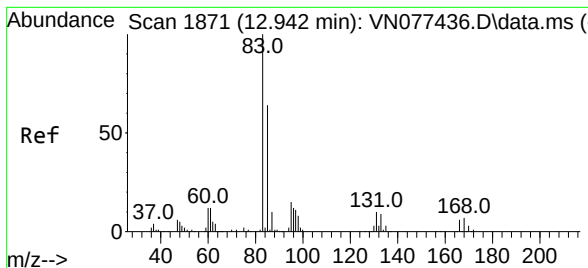
43 100

70 59.0 43.4 65.2

55 29.2 21.4 32.0

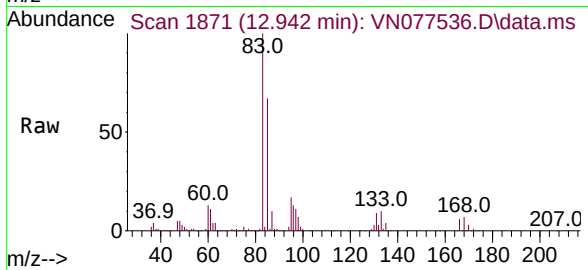
61 30.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 43.715 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

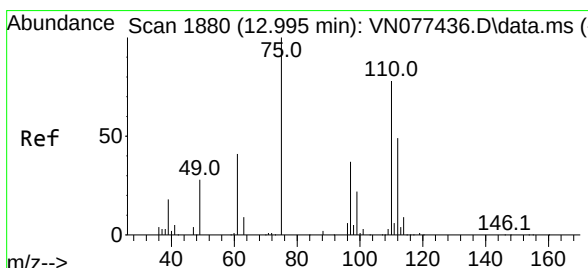
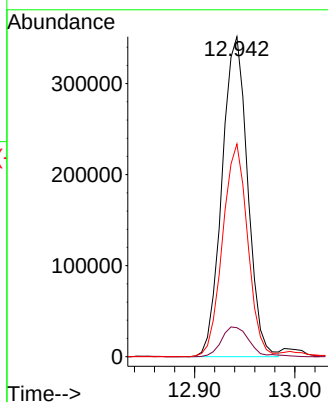
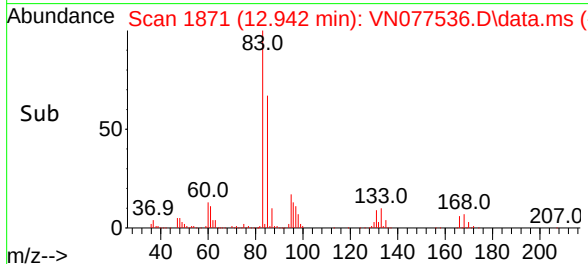
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



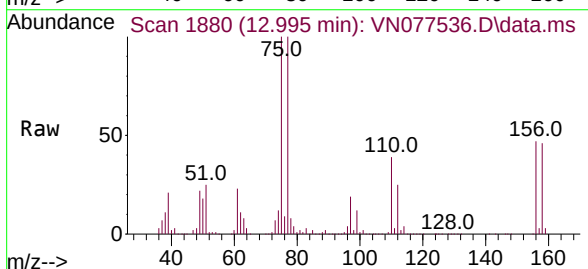
Tgt Ion: 83 Resp: 623012
Ion Ratio Lower Upper
83 100
131 10.2 5.0 15.0
85 65.1 31.9 95.7

Manual Integrations
APPROVED

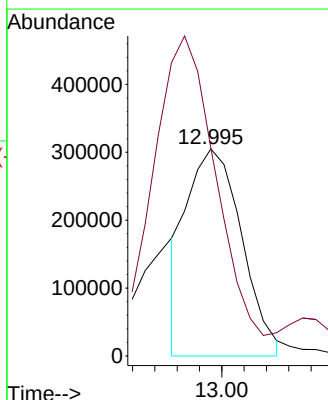
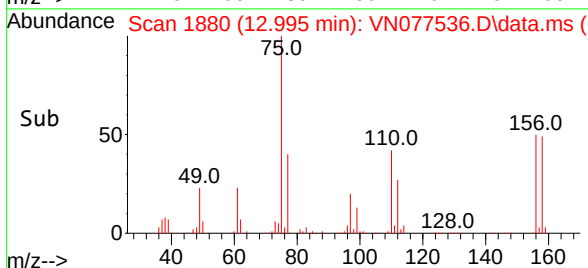
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

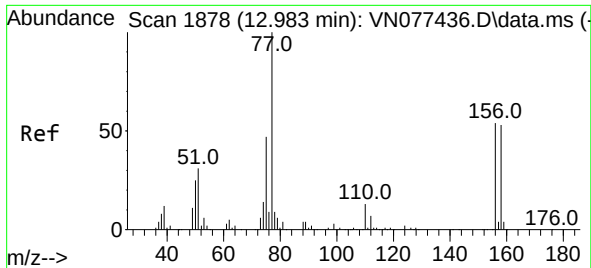


#76
1,2,3-Trichloropropane
Concen: 45.909 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



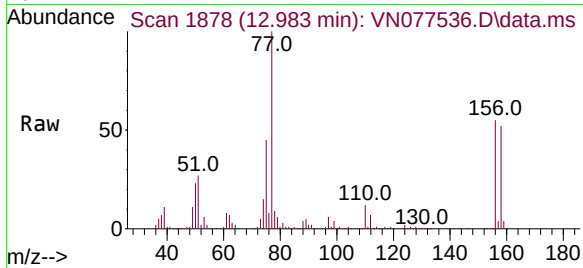
Tgt Ion: 75 Resp: 521822
Ion Ratio Lower Upper
75 100
77 182.1 84.5 253.5





#77
Bromobenzene
Concen: 45.272 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

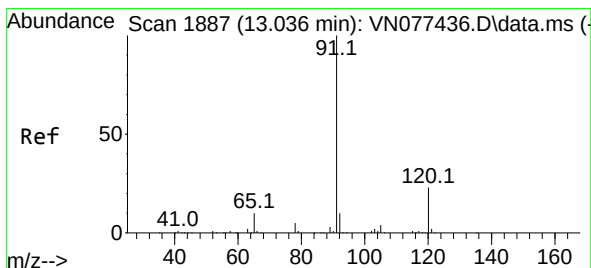
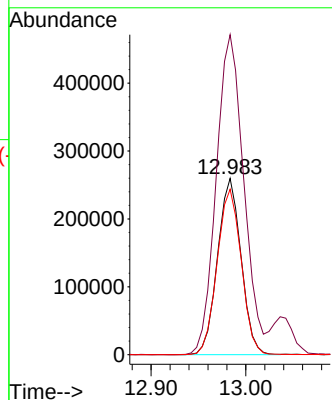
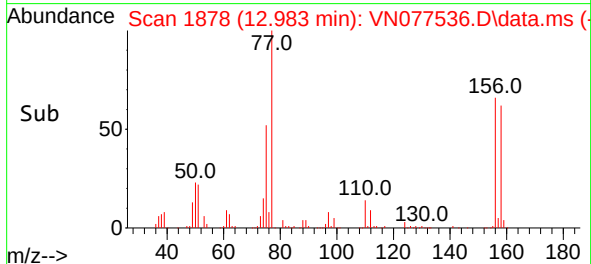
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 447530
Ion Ratio Lower Upper
156 100
77 212.3 107.7 323.3
158 96.4 48.4 145.3

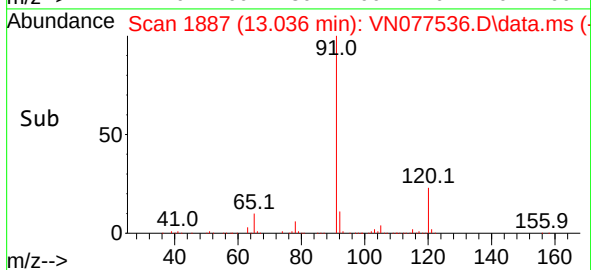
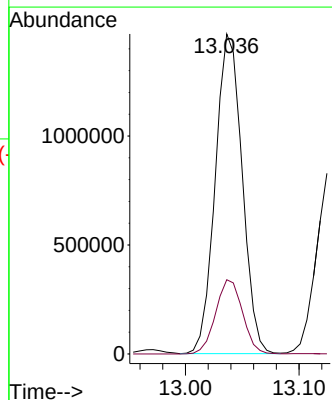
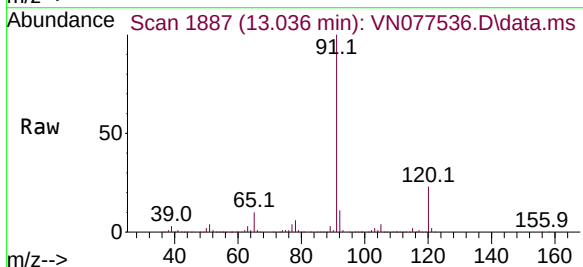
Manual Integrations
APPROVED

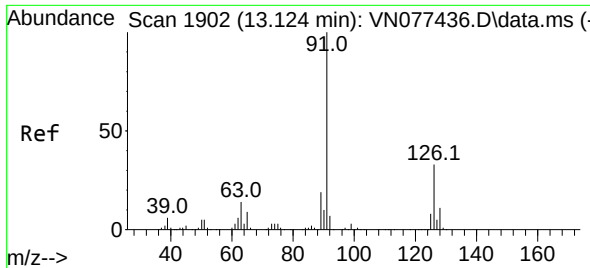
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#78
n-propylbenzene
Concen: 48.071 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Tgt Ion: 91 Resp: 2410878
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





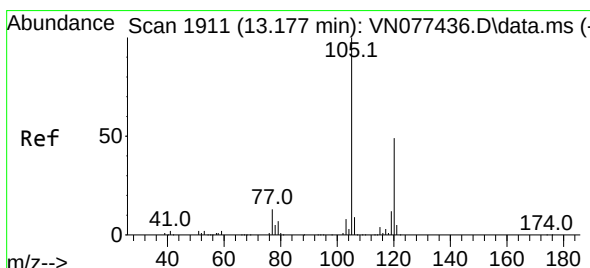
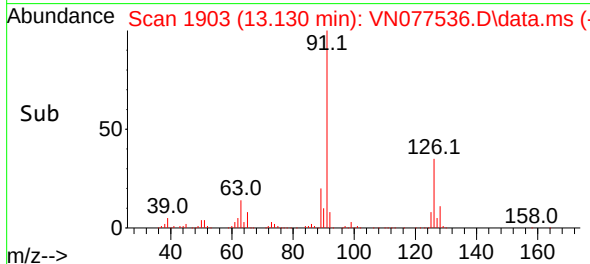
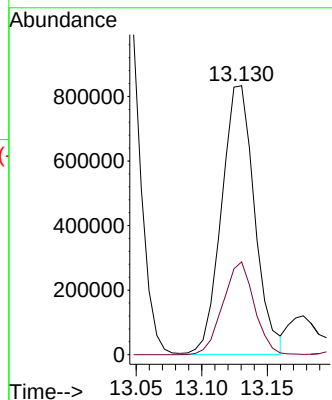
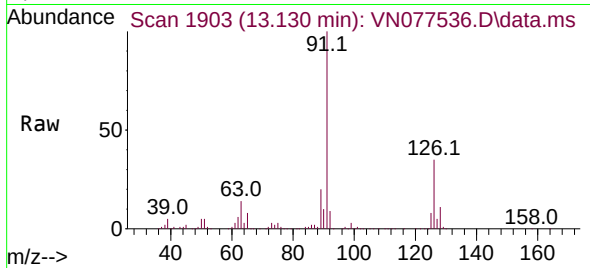
#79
2-Chlorotoluene
Concen: 47.256 ug/l
RT: 13.130 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1461240
Ion Ratio Lower Upper
91 100
126 32.7 16.3 48.8

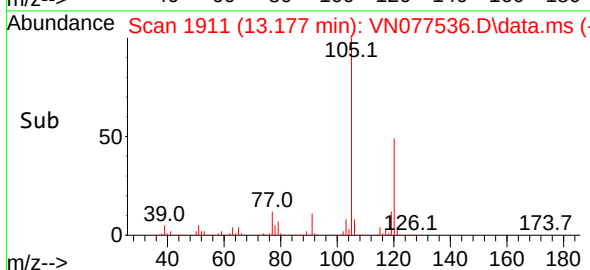
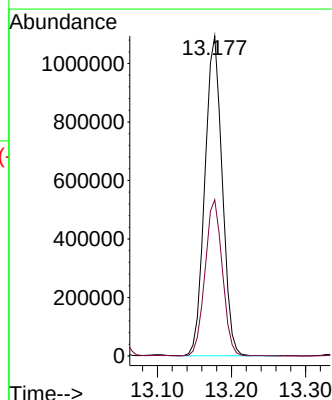
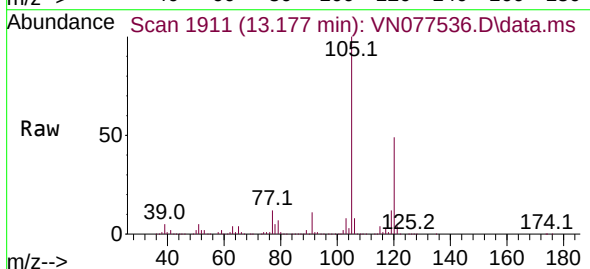
Manual Integrations
APPROVED

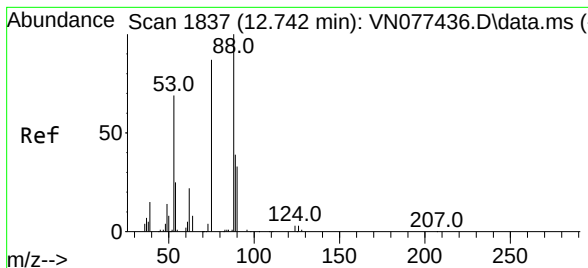
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.709 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

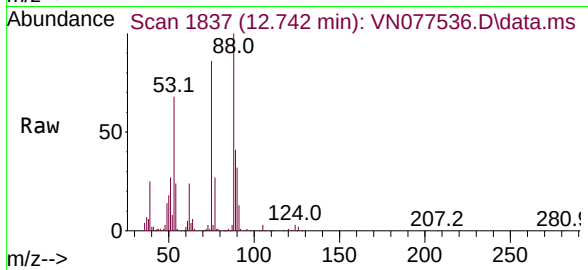
Tgt Ion:105 Resp: 1775472
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.852 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

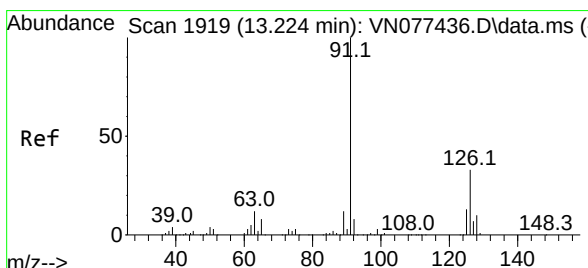
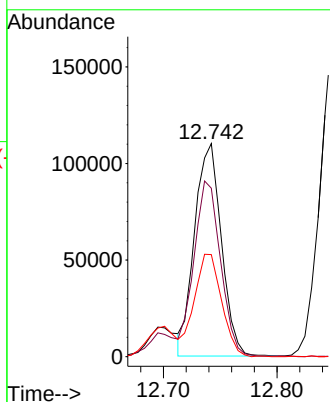
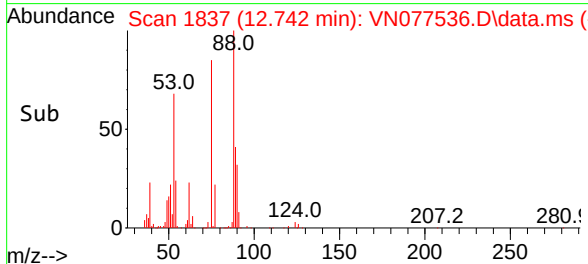
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 180452
Ion Ratio Lower Upper
75 100
53 82.6 67.4 101.2
89 49.5 38.8 58.2

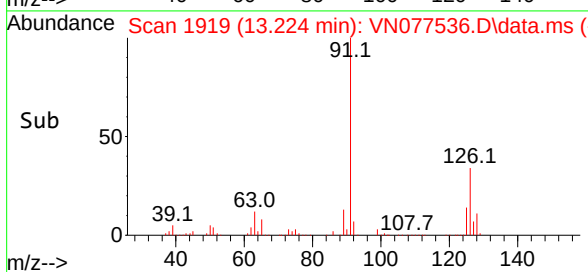
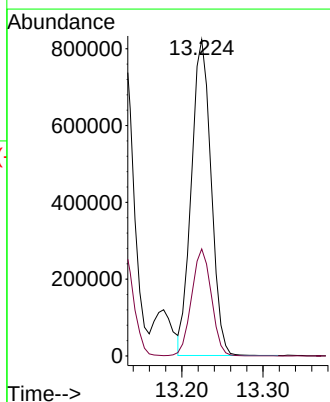
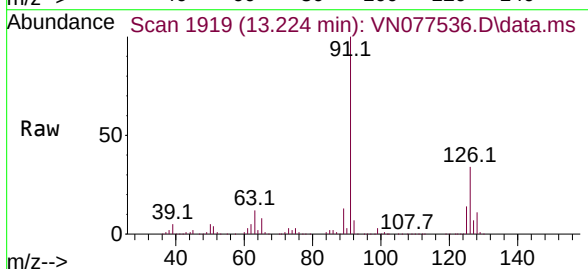
Manual Integrations
APPROVED

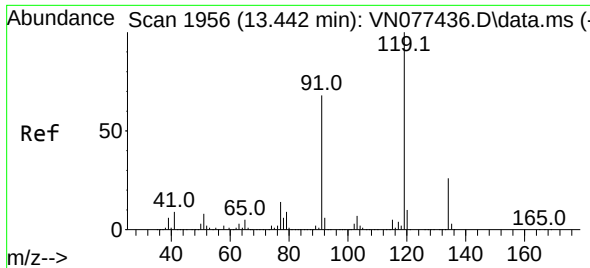
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#82
4-Chlorotoluene
Concen: 48.051 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

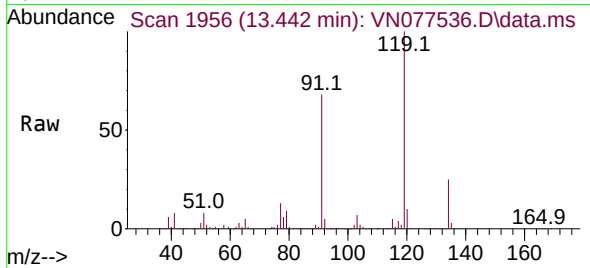
Tgt Ion: 91 Resp: 1388412
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.309 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

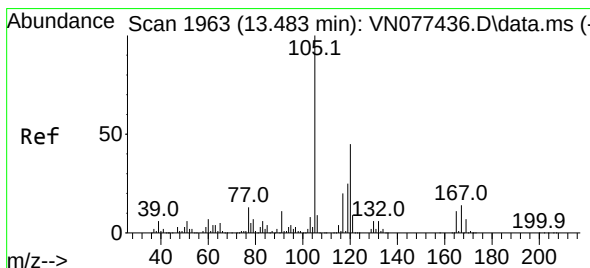
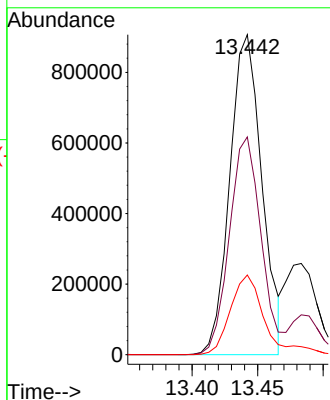
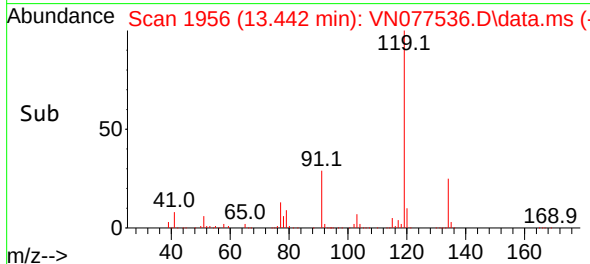
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



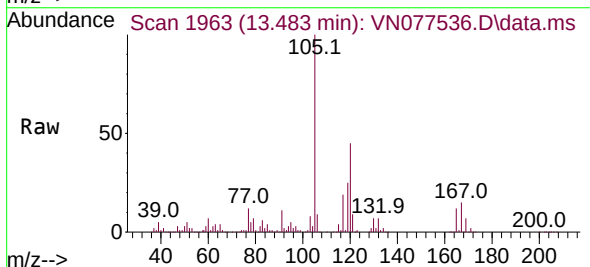
Tgt Ion:119 Resp: 1547572
Ion Ratio Lower Upper
119 100
91 67.7 33.9 101.7
134 26.5 13.2 39.6

Manual Integrations
APPROVED

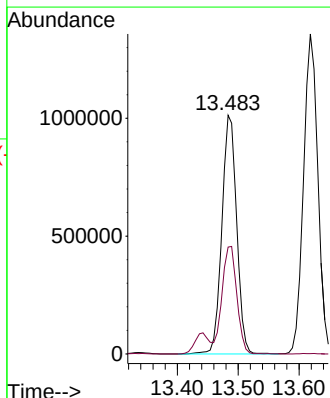
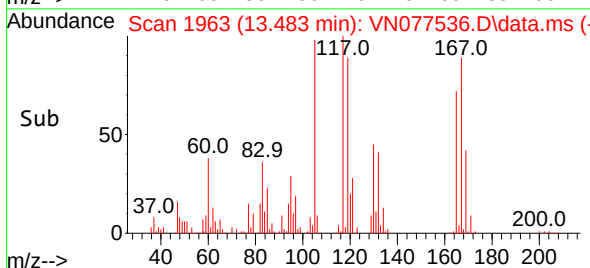
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

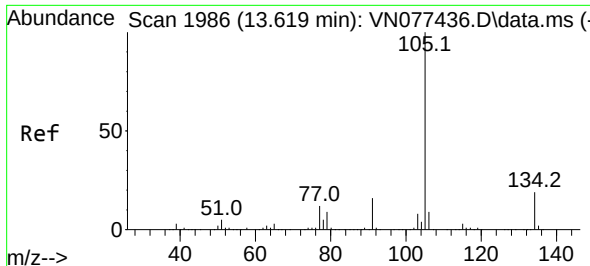


#84
1,2,4-Trimethylbenzene
Concen: 54.318 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



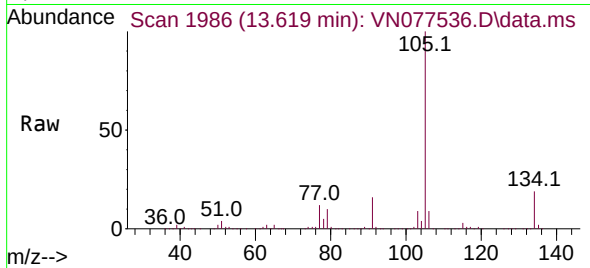
Tgt Ion:105 Resp: 1708789
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 49.387 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077536.D
 Acq: 29 Apr 2023 22:08

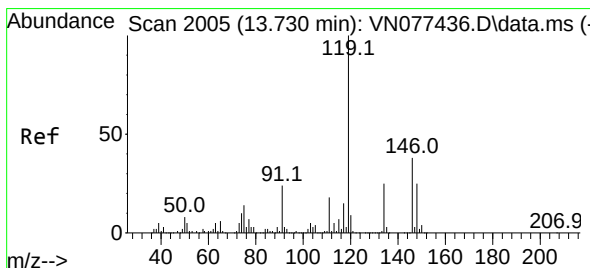
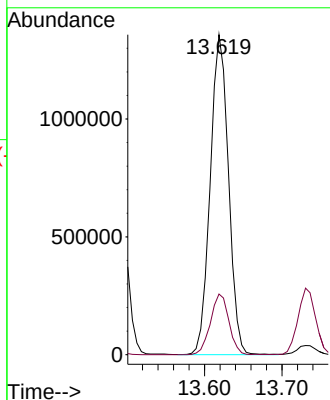
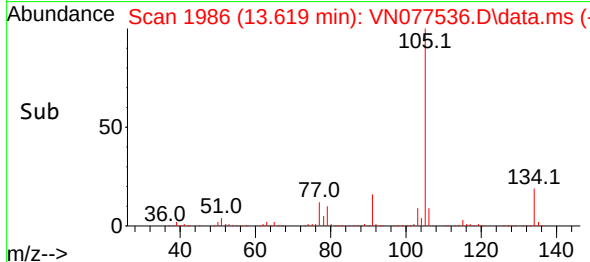
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



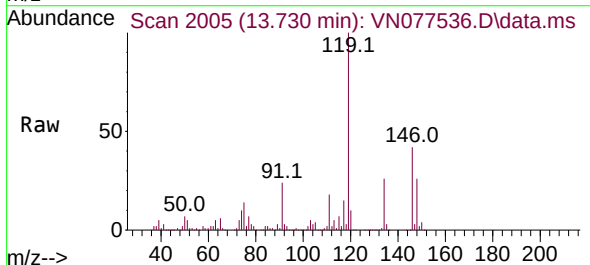
Tgt Ion:105 Resp: 2217510
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

Manual Integrations
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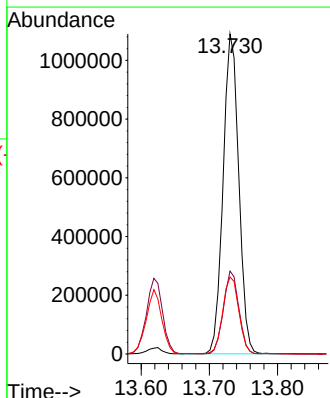
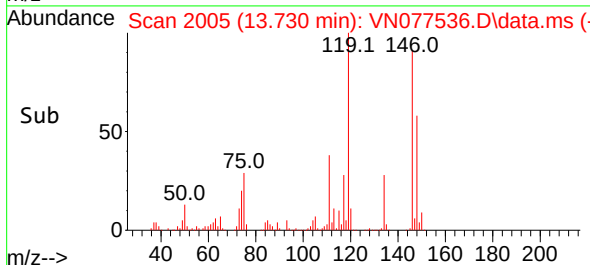
Reviewed By :John Carlone 05/01/2023
 Supervised By :Mahesh Dadoda 05/01/2023

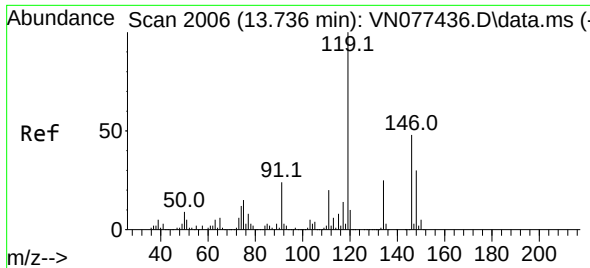


#86
 p-Isopropyltoluene
 Concen: 50.368 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077536.D
 Acq: 29 Apr 2023 22:08



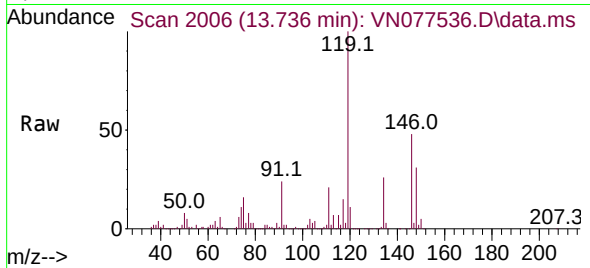
Tgt Ion:119 Resp: 1740034
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.849 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

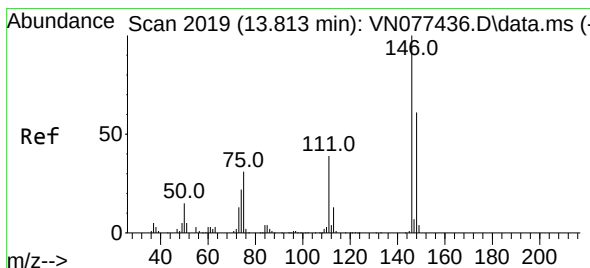
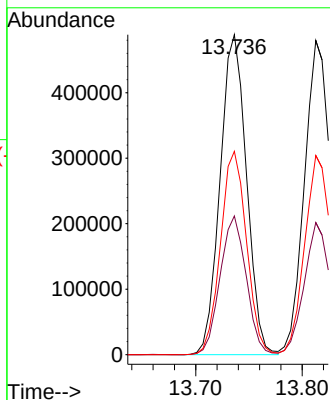
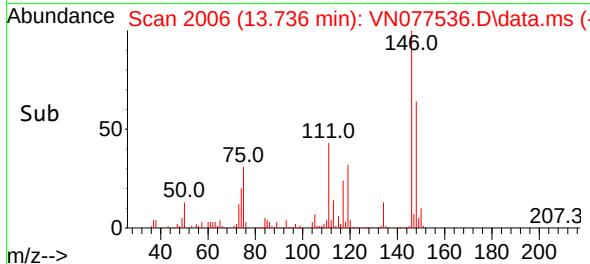
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 841224
Ion Ratio Lower Upper
146 100
111 42.9 22.1 66.3
148 62.7 32.0 96.0

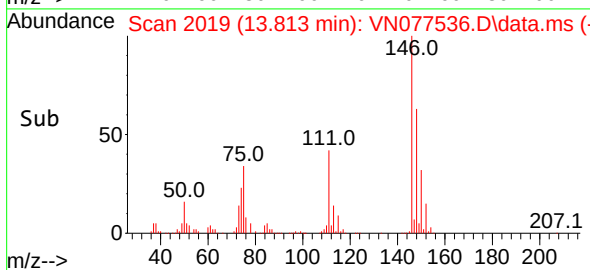
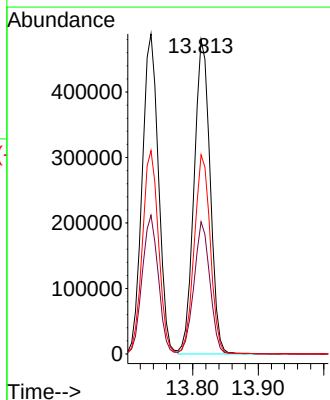
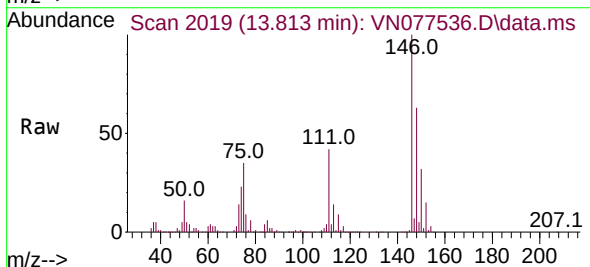
Manual Integrations
APPROVED

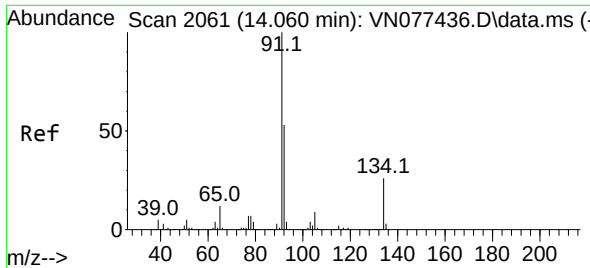
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#88
1,4-Dichlorobenzene
Concen: 47.190 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Tgt Ion:146 Resp: 819151
Ion Ratio Lower Upper
146 100
111 41.8 20.6 61.8
148 63.3 31.6 94.8





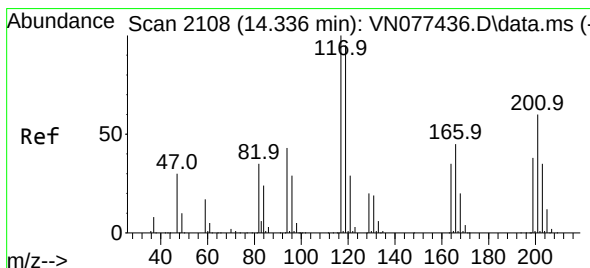
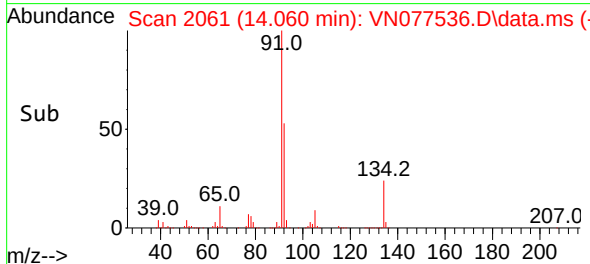
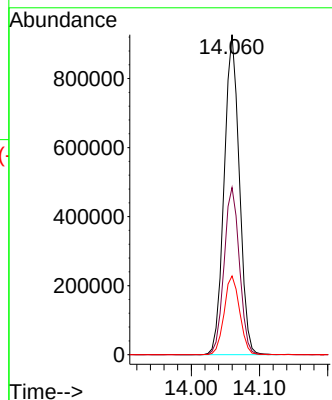
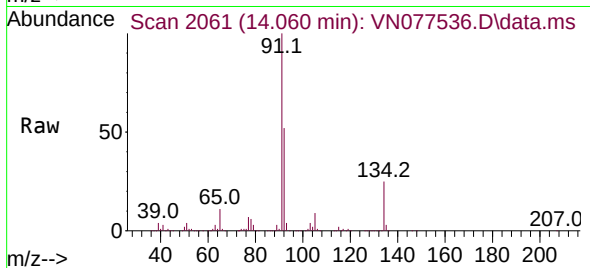
#89
n-Butylbenzene
Concen: 53.845 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 143956
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.0
134 25.1 12.6 37.6

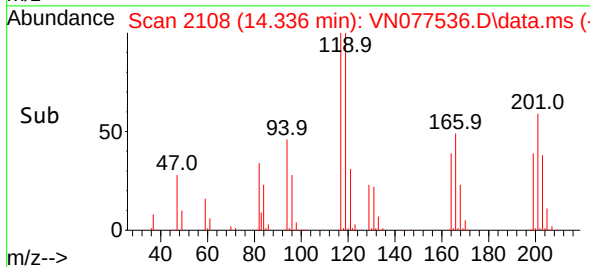
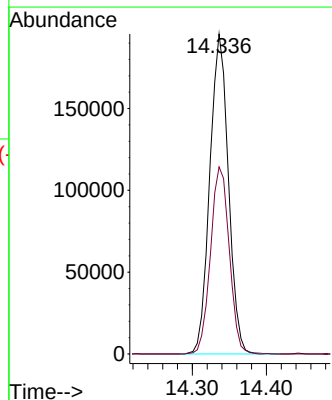
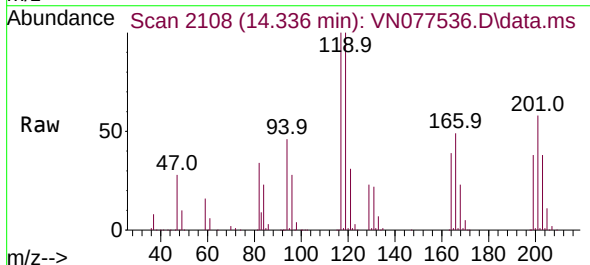
Manual Integrations
APPROVED

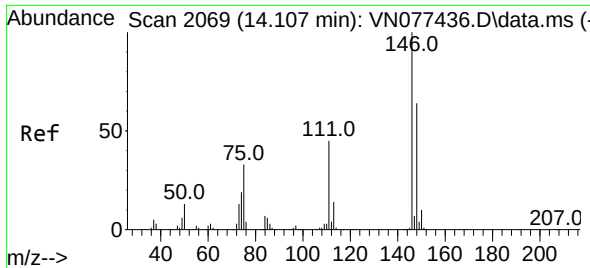
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#90
Hexachloroethane
Concen: 44.596 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

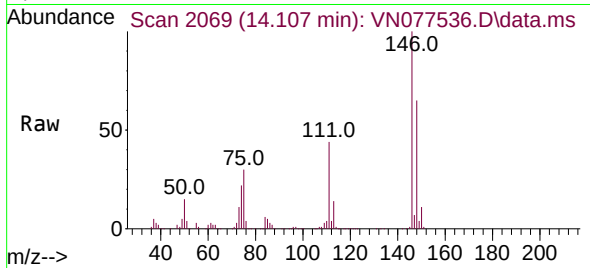
Tgt Ion:117 Resp: 340365
Ion Ratio Lower Upper
117 100
201 58.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 47.541 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

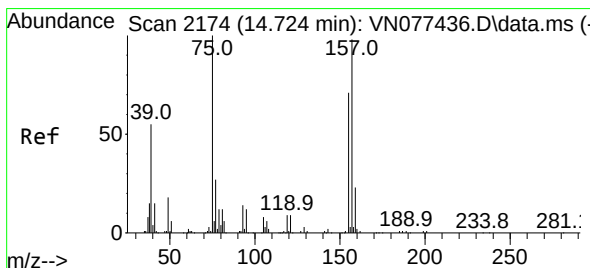
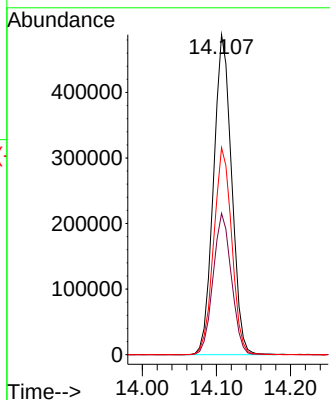
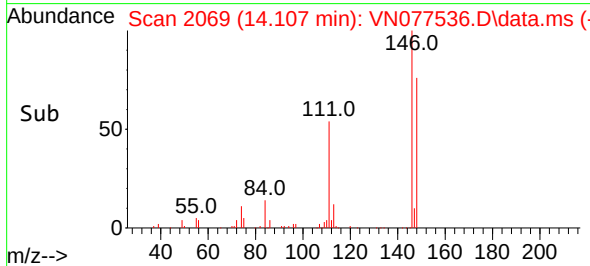
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



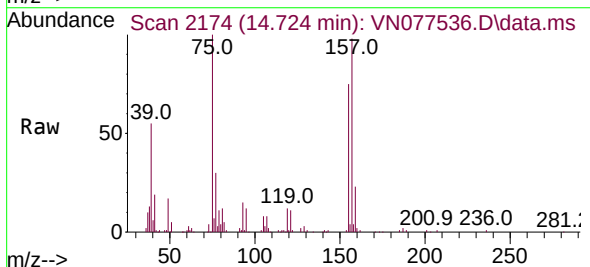
Tgt Ion:146 Resp: 828979
Ion Ratio Lower Upper
146 100
111 44.5 22.0 66.0
148 64.4 31.8 95.3

Manual Integrations
APPROVED

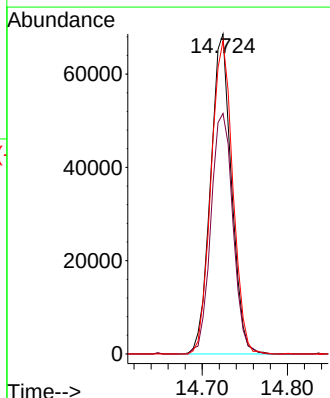
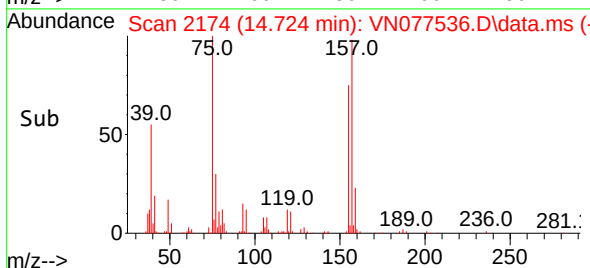
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

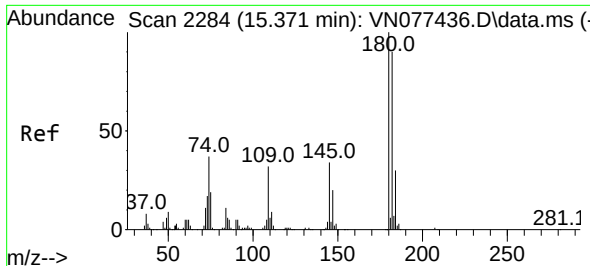


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.314 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



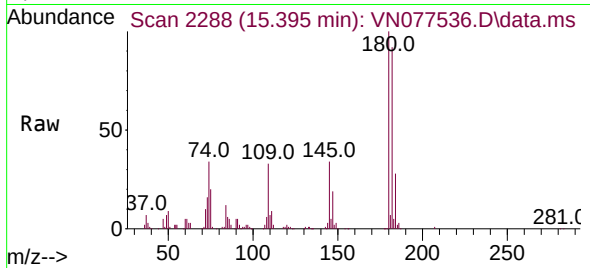
Tgt Ion: 75 Resp: 116787
Ion Ratio Lower Upper
75 100
155 79.2 39.1 117.2
157 101.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 47.963 ug/l
RT: 15.395 min Scan# 21
Delta R.T. 0.024 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

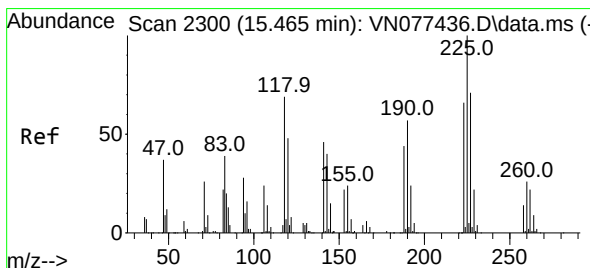
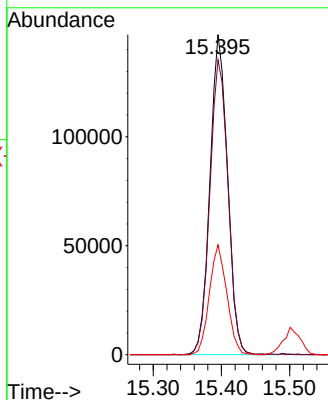
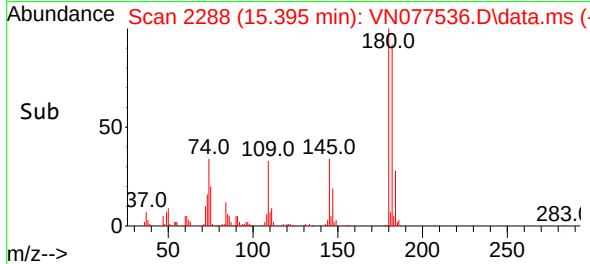
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



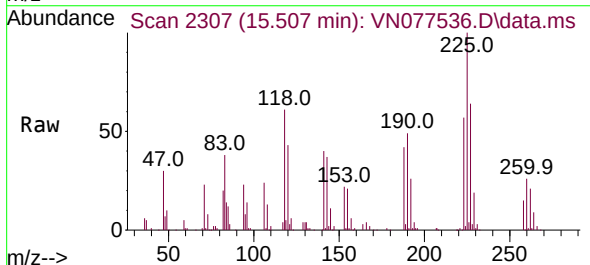
Tgt Ion:180 Resp: 264350
Ion Ratio Lower Upper
180 100
182 95.0 46.1 138.2
145 34.1 16.6 49.8

Manual Integrations
APPROVED

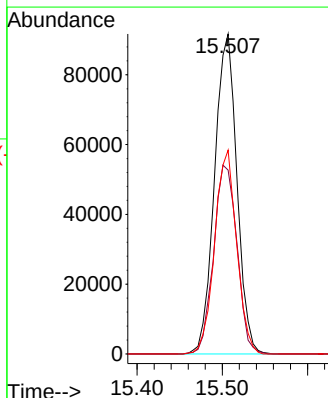
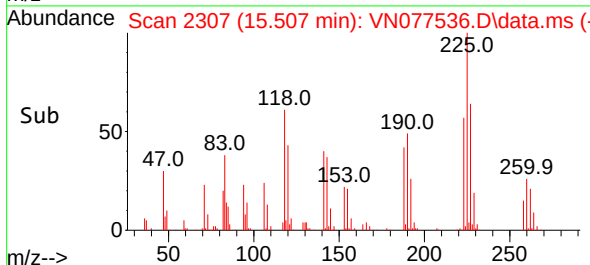
Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023

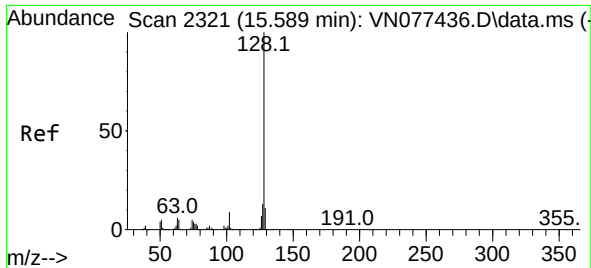


#94
Hexachlorobutadiene
Concen: 47.444 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.042 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



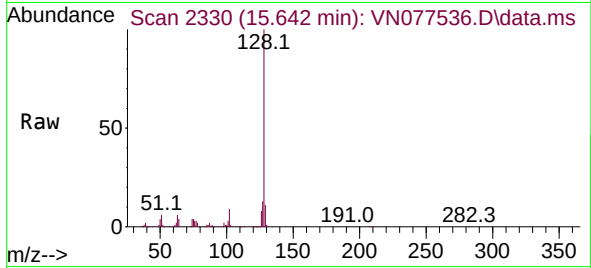
Tgt Ion:225 Resp: 167172
Ion Ratio Lower Upper
225 100
223 61.6 31.3 93.8
227 62.5 31.9 95.9





#95
Naphthalene
Concen: 48.902 ug/l
RT: 15.642 min Scan# 21
Delta R.T. 0.053 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08

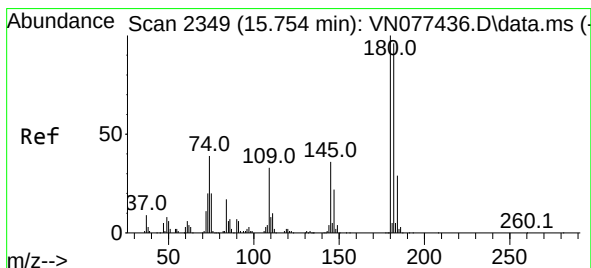
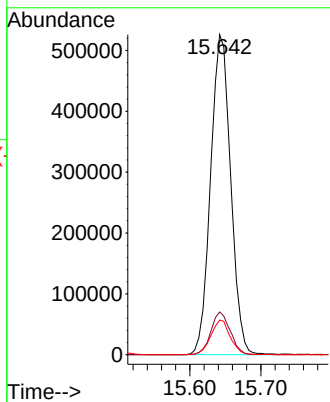
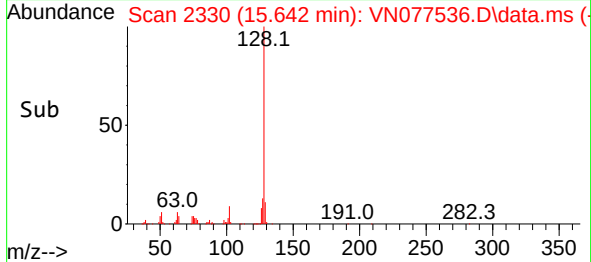
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



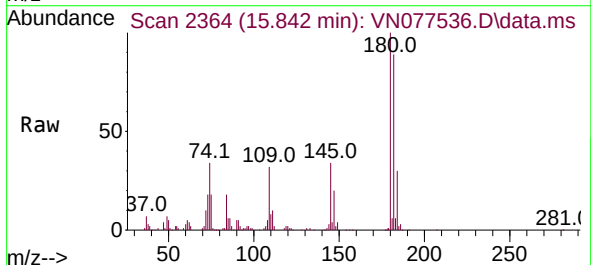
Tgt Ion:128 Resp: 103182
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/01/2023
Supervised By :Mahesh Dadoda 05/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.656 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.088 min
Lab File: VN077536.D
Acq: 29 Apr 2023 22:08



Tgt Ion:180 Resp: 252380
Ion Ratio Lower Upper
180 100
182 91.8 46.2 138.6
145 35.3 17.5 52.6

