

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061924\
 Data File : VW036138.D
 Acq On : 19 Jun 2024 15:32
 Operator : SY/MD
 Sample : P2909-24
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 05:16:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	295078	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	320750	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	184173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	115618	21.312	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
7) Chloroethane-d5	1.526	69	99053	22.899	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.050	65	55700	23.063	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.240%
21) 2-Butanone-d5	3.825	46	43246	34.744	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.480%
24) Chloroform-d	4.243	84	256337	27.325	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.280%
26) 1,2-Dichloroethane-d4	4.940	65	126924	25.805	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	4.953	84	413857	21.706	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.840%
36) 1,2-Dichloropropane-d6	5.985	67	139982	23.314	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.240%
41) Toluene-d8	7.239	98	402677	23.937	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.760%
43) trans-1,3-Dichloroprop...	7.551	79	60262	24.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.920%
47) 2-Hexanone-d5	8.030	63	47446	58.325	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.660%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	114302	25.476	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	11.558	152	143343	21.224	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.880%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.053	101	2822	0.557	ug/L #	43
13) Acetone	2.391	43	5911	3.049	ug/L	75
15) Methyl Acetate	2.391	43	5911	2.453	ug/L	100
16) Methylene chloride	2.439	84	349785	52.386	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	263576	52.511	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	373287	33.126	ug/L	98
19) 1,1-Dichloroethane	3.104	63	492986	51.573	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	572994	113.606	ug/L	100
22) 2-Butanone	3.889	43	484113	294.262	ug/L #	77
27) 1,2-Dichloroethane	5.037	62	214587	34.955	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	3576	0.408	ug/L #	71
31) Carbon tetrachloride	4.728	117	377893	49.123	ug/L	99
33) Benzene	5.005	78	946473	45.117	ug/L	100
34) Trichloroethene	5.828	95	274943	42.763	ug/L	99
37) 1,2-Dichloropropane	6.092	63	88462	16.060	ug/L	98
38) Bromodichloromethane	6.429	83	666350	91.396	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	819081	99.418	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	412848	137.950	ug/L	96
42) Toluene	7.310	91	885539	41.311	ug/L	99

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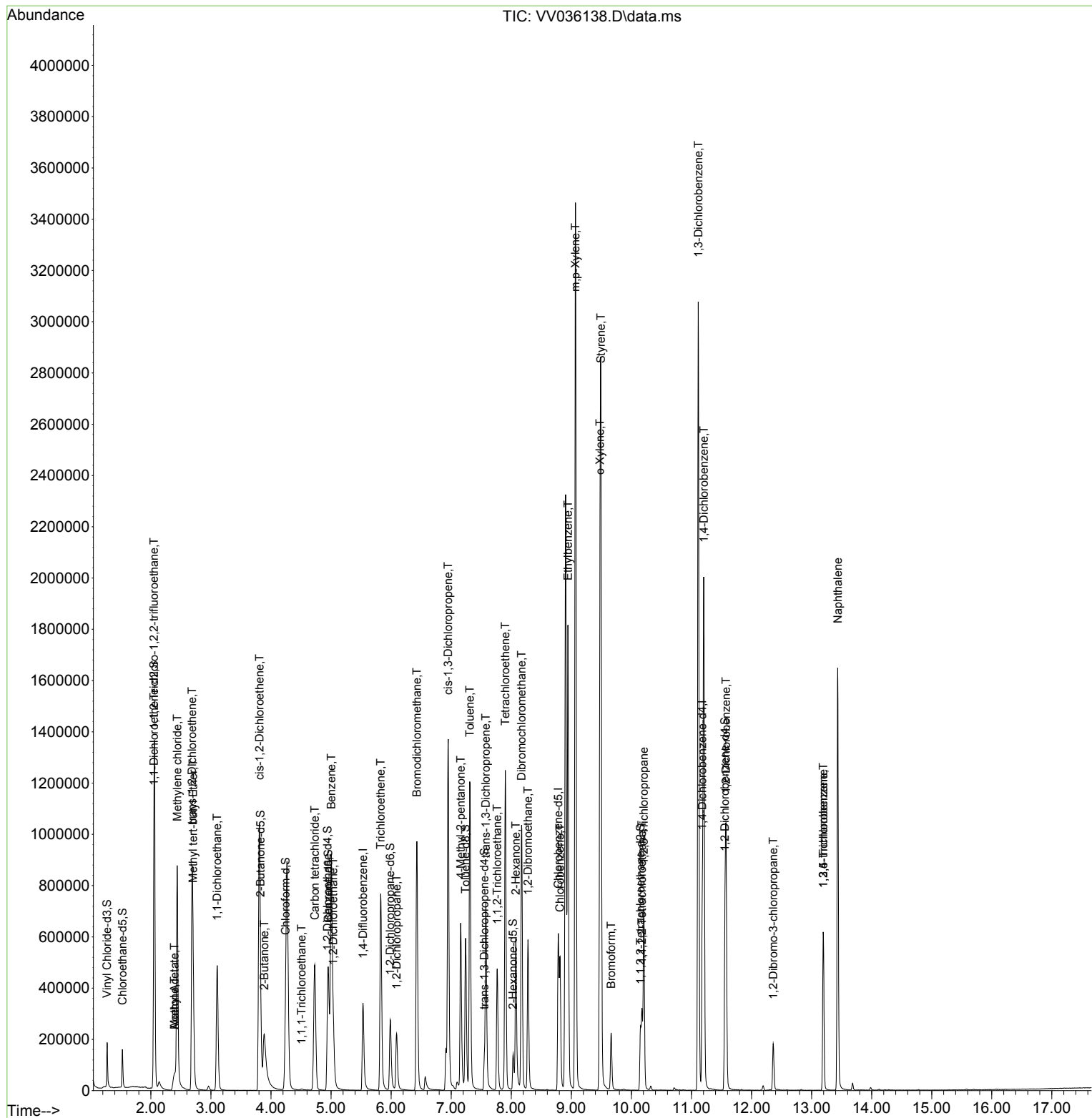
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.577	75	414960	58.311	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	147102	32.275	ug/L	98
46) Tetrachloroethene	7.902	164	272929	58.042	ug/L	98
48) 2-Hexanone	8.075	43	359319	153.577	ug/L	97
49) Dibromochloromethane	8.172	129	529514	106.154	ug/L	99
50) 1,2-Dibromoethane	8.278	107	391239	89.462	ug/L	99
51) Chlorobenzene	8.812	112	277461	18.997	ug/L	100
52) Ethylbenzene	8.944	91	1201498	52.389	ug/L	99
53) m,p-Xylene	9.069	106	933472	108.323	ug/L	100
54) o-Xylene	9.477	106	379932	46.752	ug/L	99
55) Styrene	9.493	104	1122634	78.338	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	155679	38.147	ug/L	99
59) Bromoform	9.664	173	98870	28.466	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	286929	65.872	ug/L	97
64) 1,3-Dichlorobenzene	11.114	146	1183105	95.345	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	778936	60.817	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	359606	30.797	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	47989	49.269	ug/L	99
69) 1,3,5-Trichlorobenzene	13.194	180	185271	19.960	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	185271	25.351	ug/L	99
71) Naphthalene	13.435	128	1194267	100.133	ug/L	100

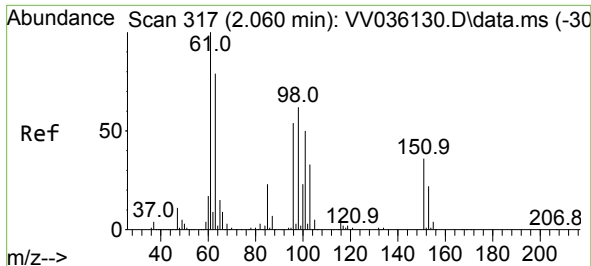
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.557 ug/L

RT: 2.053 min Scan# 31

Delta R.T. -0.006 min

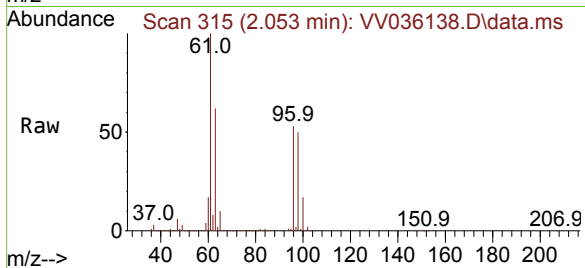
Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

Instrument :

MSVOA_V

ClientSampleId :



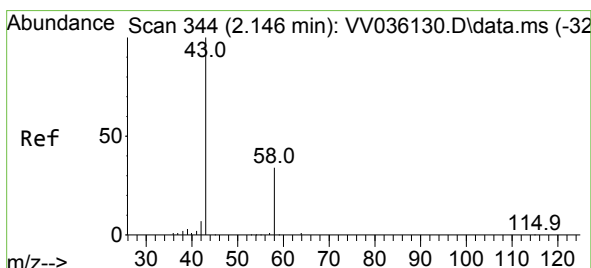
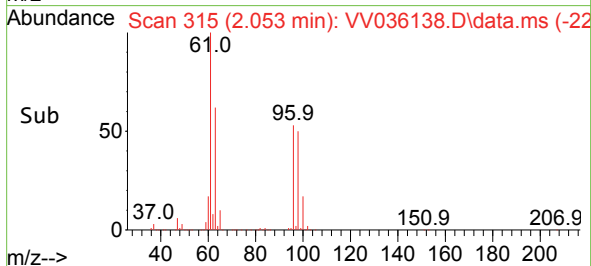
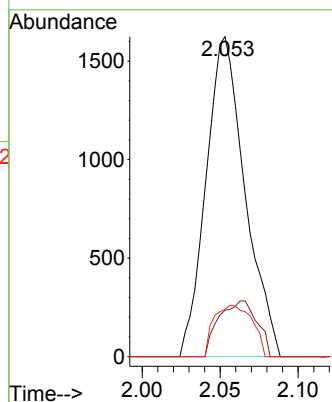
Tgt Ion:101 Resp: 2822

Ion Ratio Lower Upper

101 100

85 17.0 34.5 51.7#

151 15.7 56.3 84.5#



#13

Acetone

Concen: 3.049 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.244 min

Lab File: VV036138.D

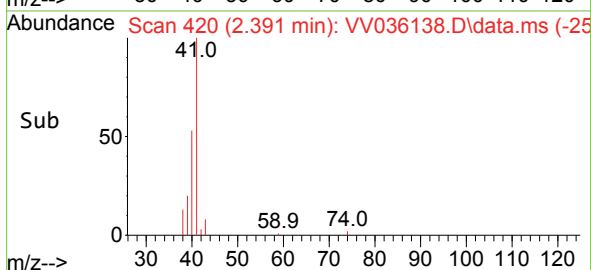
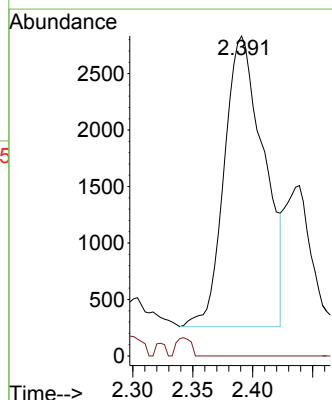
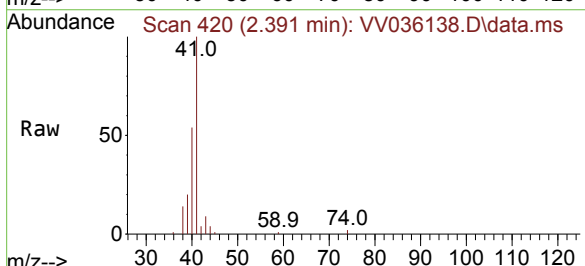
Acq: 19 Jun 2024 15:32

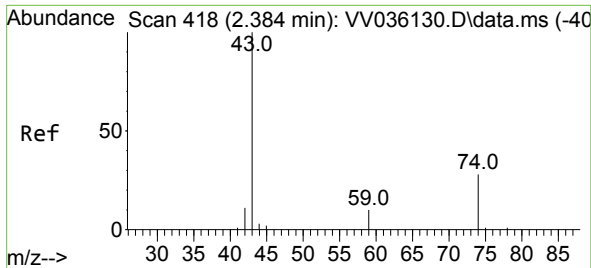
Tgt Ion: 43 Resp: 5911

Ion Ratio Lower Upper

43 100

58 2.3 0.0 24.2

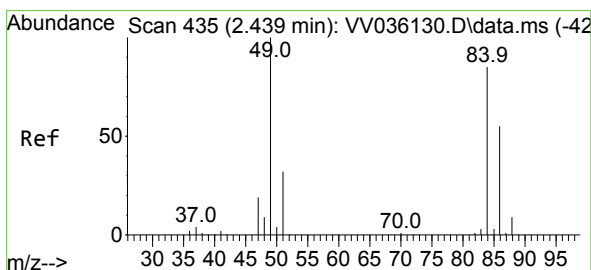
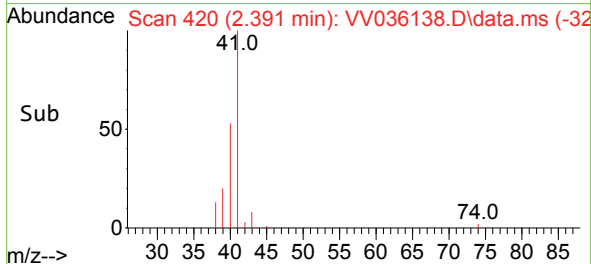
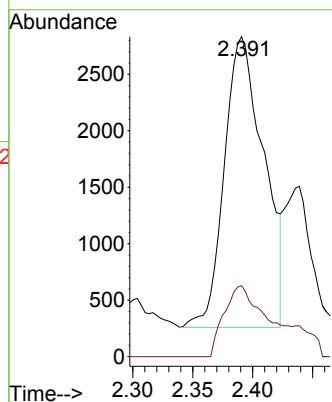
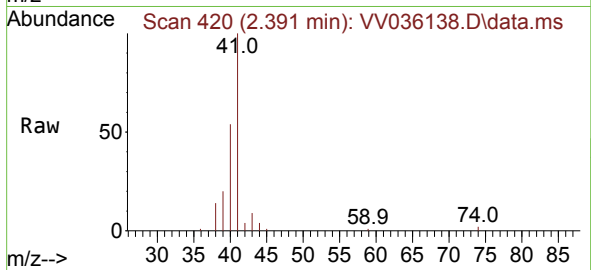




#15
Methyl Acetate
Concen: 2.453 ug/L
RT: 2.391 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

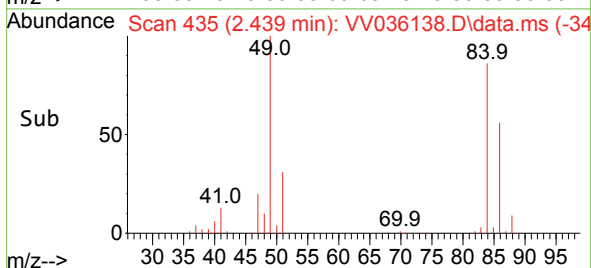
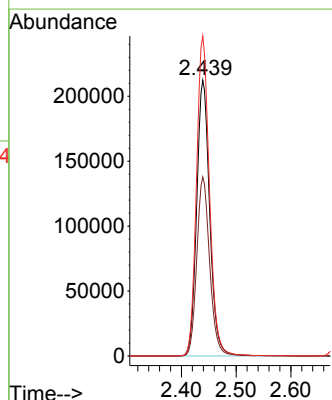
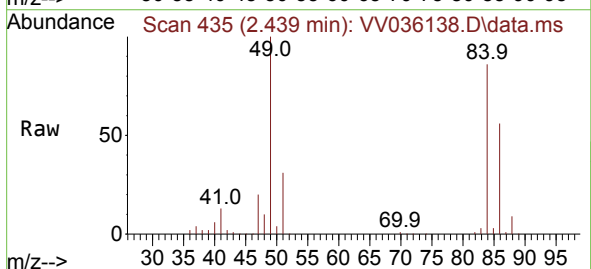
Instrument :
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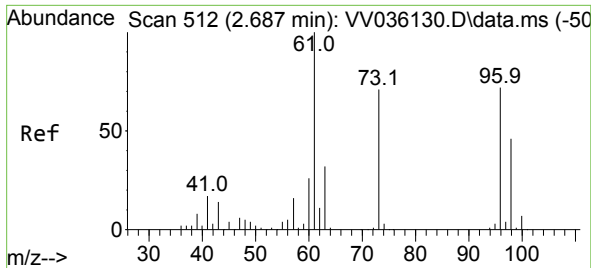
Tgt Ion: 43 Resp: 5911
Ion Ratio Lower Upper
43 100
74 27.0 21.4 32.2



#16
Methylene chloride
Concen: 52.386 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

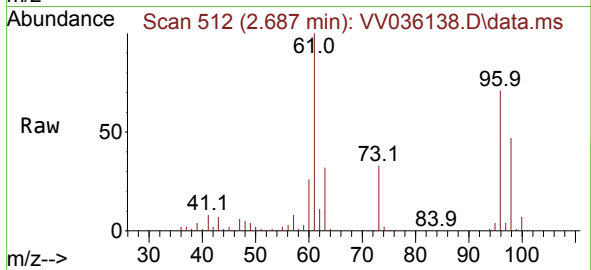
Tgt Ion: 84 Resp: 349785
Ion Ratio Lower Upper
84 100
86 64.9 44.6 82.8
49 116.0 81.1 150.5



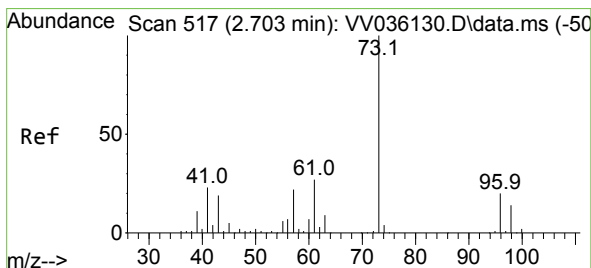
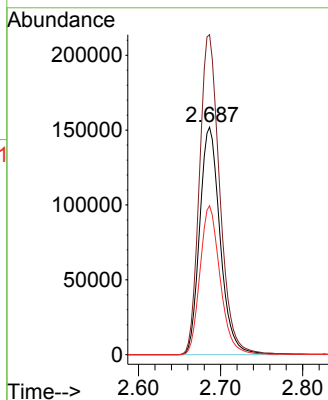
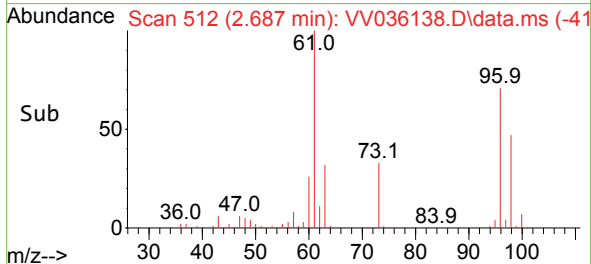


#17
trans-1,2-Dichloroethene
Concen: 52.511 ug/L
RT: 2.687 min Scan# 512
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

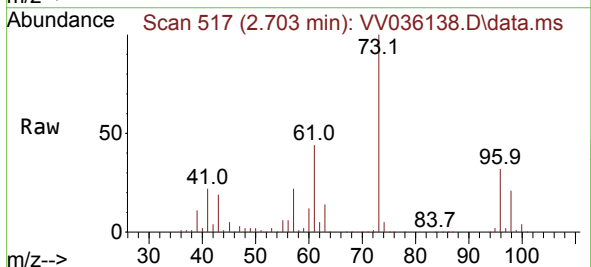
Instrument :
MSVOA_V
ClientSampleId :



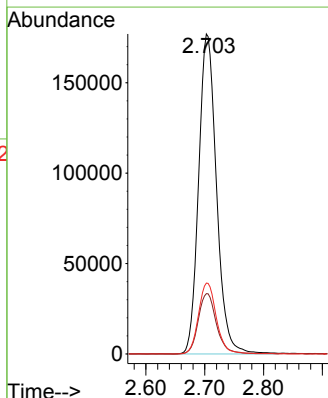
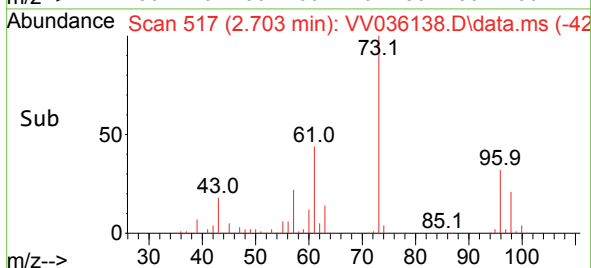
Tgt Ion: 96 Resp: 263576
Ion Ratio Lower Upper
96 100
61 140.7 99.4 184.6
98 65.5 44.9 83.3

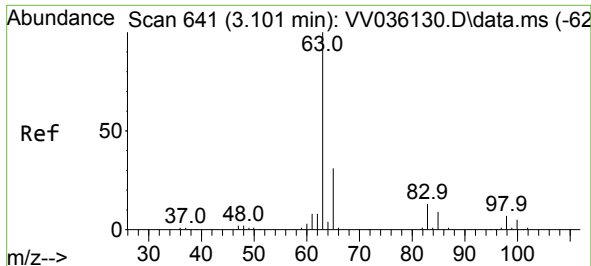


#18
Methyl tert-butyl Ether
Concen: 33.126 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32



Tgt Ion: 73 Resp: 373287
Ion Ratio Lower Upper
73 100
43 19.3 14.3 21.5
57 22.1 17.8 26.6





#19

1,1-Dichloroethane

Concen: 51.573 ug/L

RT: 3.104 min Scan# 641

Delta R.T. 0.003 min

Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

Instrument :

MSVOA_V

ClientSampleId :

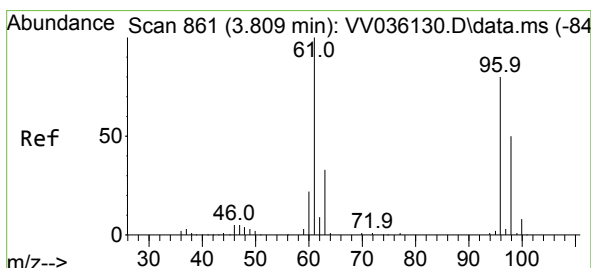
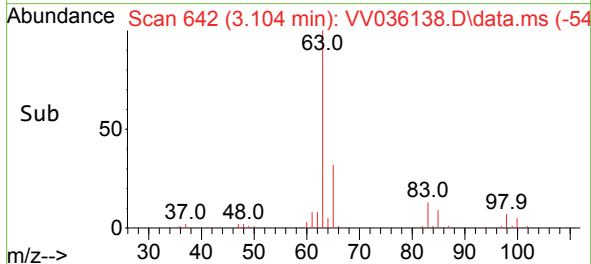
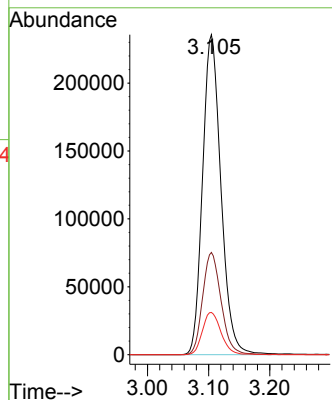
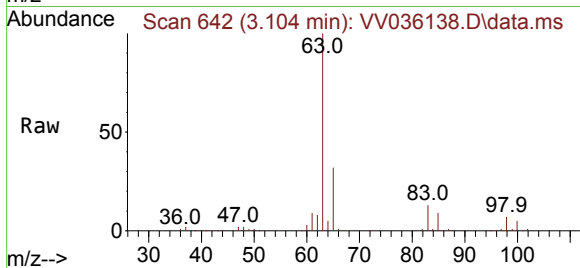
Tgt Ion: 63 Resp: 492986

Ion Ratio Lower Upper

63 100

65 31.9 22.4 41.6

83 13.2 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 113.606 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.000 min

Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

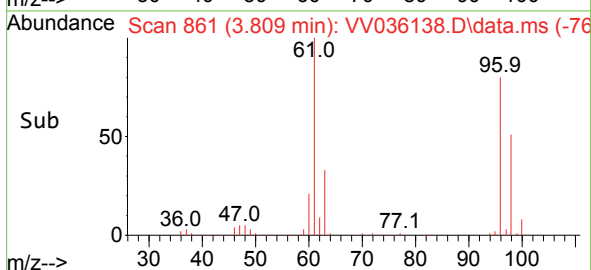
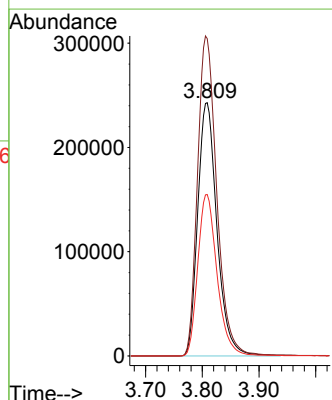
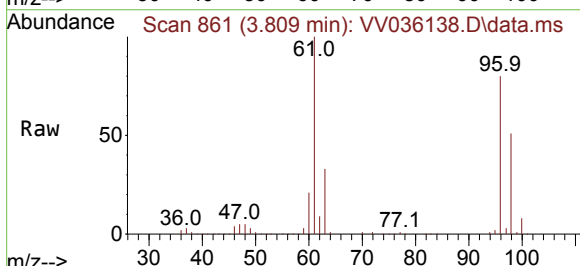
Tgt Ion: 96 Resp: 572994

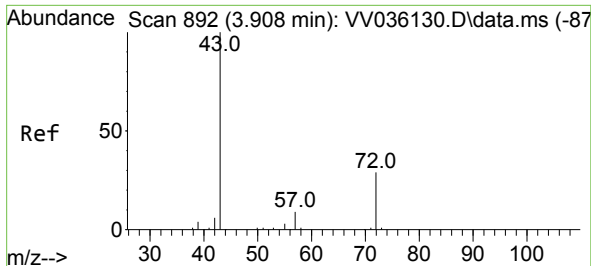
Ion Ratio Lower Upper

96 100

61 125.3 87.9 163.3

98 63.8 44.4 82.5

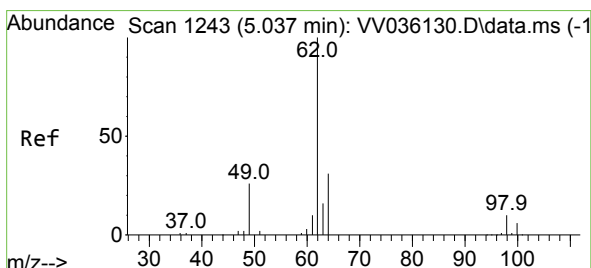
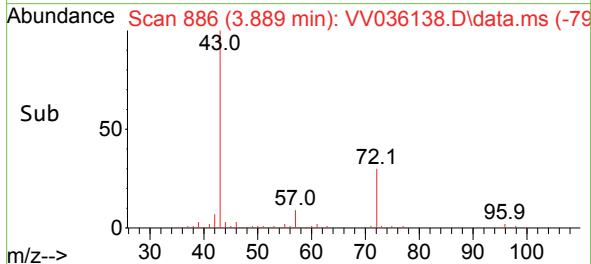
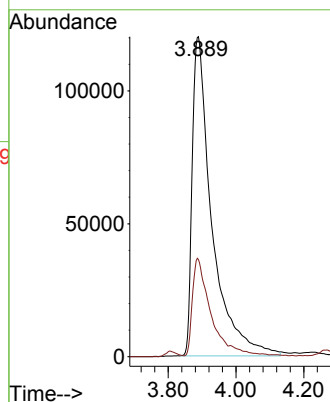
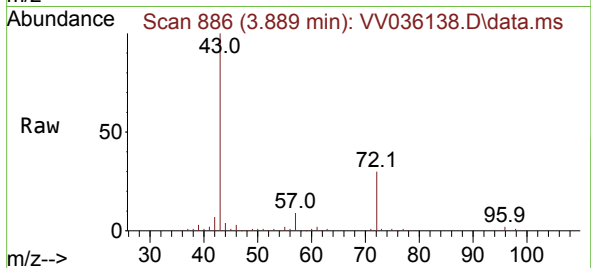




#22
2-Butanone
Concen: 294.262 ug/L
RT: 3.889 min Scan# 892
Delta R.T. -0.019 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

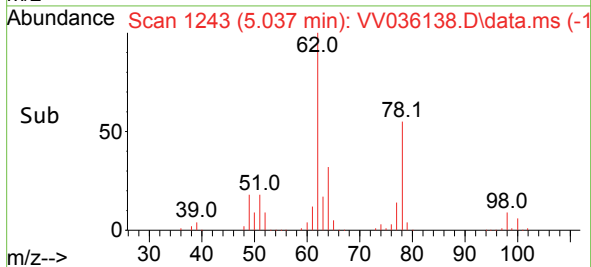
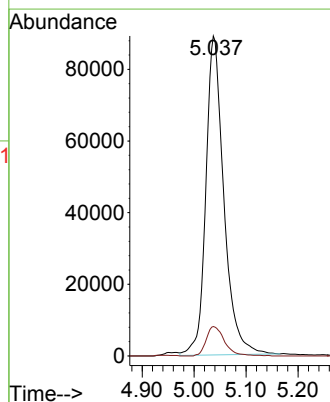
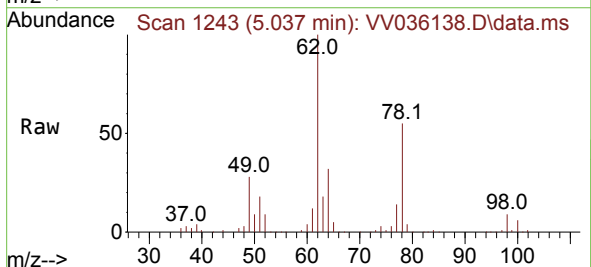
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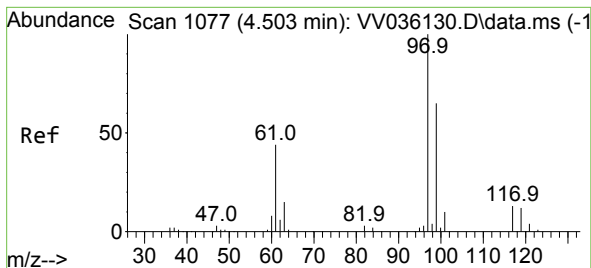
Tgt Ion: 43 Resp: 484113
Ion Ratio Lower Upper
43 100
72 26.3 8.2 24.4#



#27
1,2-Dichloroethane
Concen: 34.955 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

Tgt Ion: 62 Resp: 214587
Ion Ratio Lower Upper
62 100
98 9.2 7.8 11.6





#30

1,1,1-Trichloroethane

Concen: 0.408 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VV036138.D

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ClientSampleId :

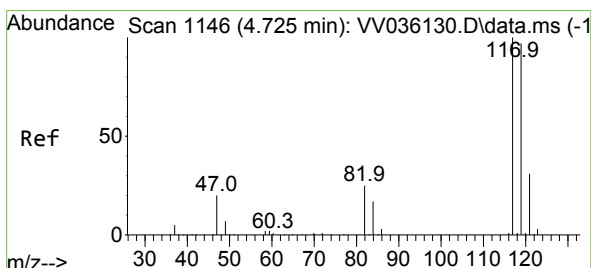
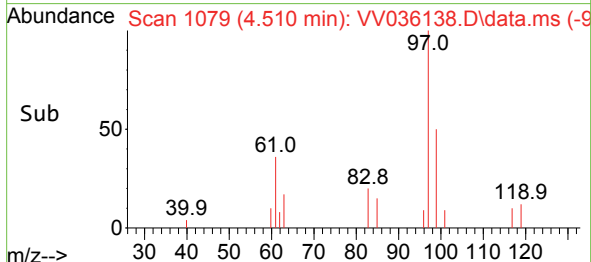
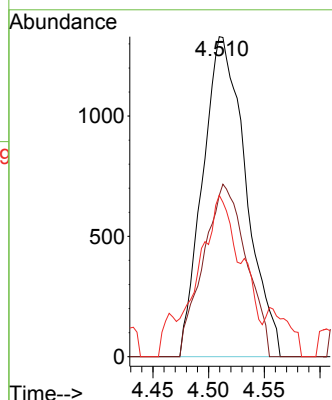
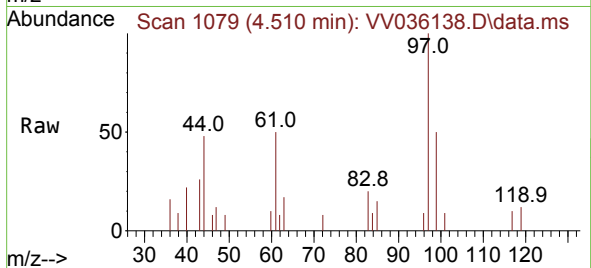
Tgt Ion: 97 Resp: 3576

Ion Ratio Lower Upper

97 100

99 53.9 50.9 76.3

61 9.5 35.0 52.6#



#31

Carbon tetrachloride

Concen: 49.123 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. 0.003 min

Lab File: VV036138.D

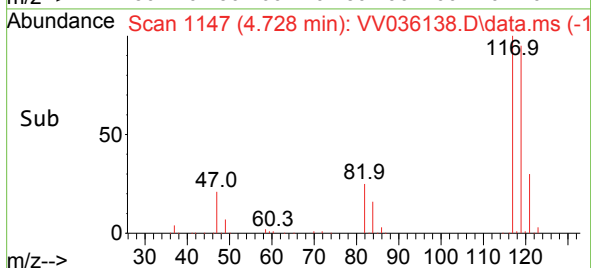
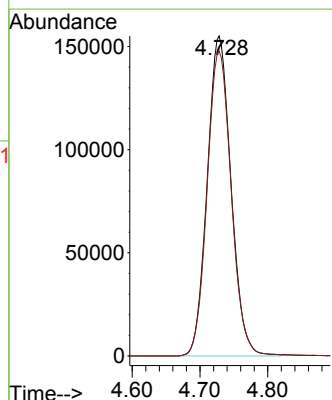
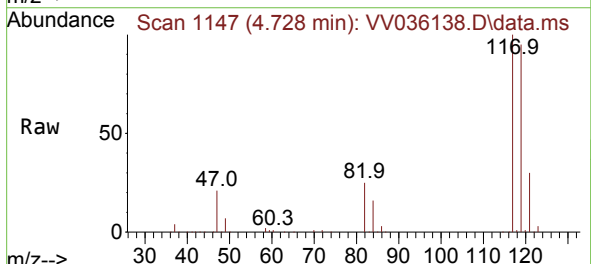
Acq: 19 Jun 2024 15:32

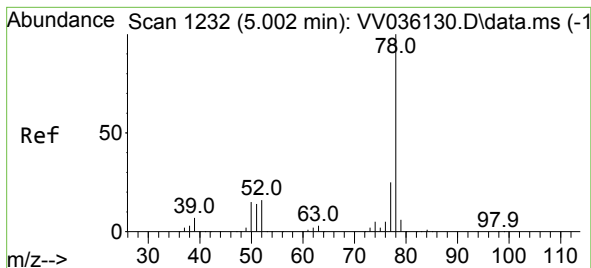
Tgt Ion: 117 Resp: 377893

Ion Ratio Lower Upper

117 100

119 96.7 76.8 115.2





#33

Benzene

Concen: 45.117 ug/L

RT: 5.005 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036138.D

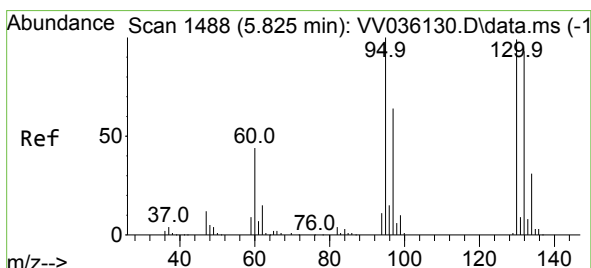
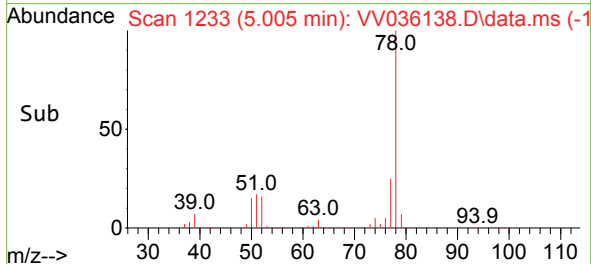
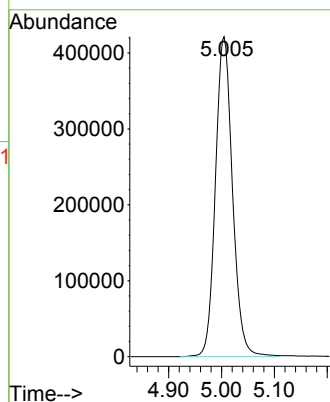
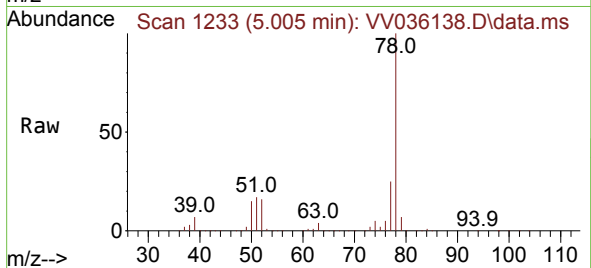
Acq: 19 Jun 2024 15:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 946473



#34

Trichloroethene

Concen: 42.763 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

Tgt Ion: 95 Resp: 274943

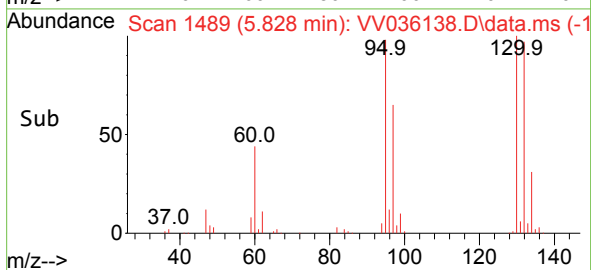
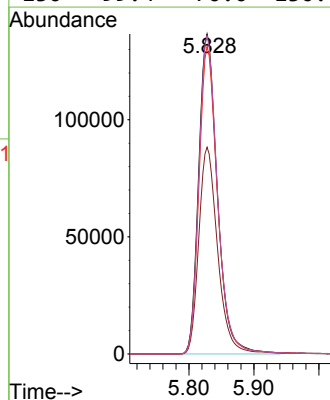
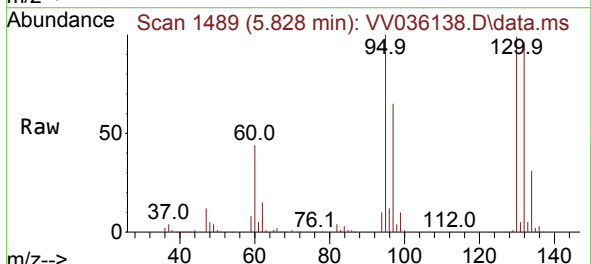
Ion Ratio Lower Upper

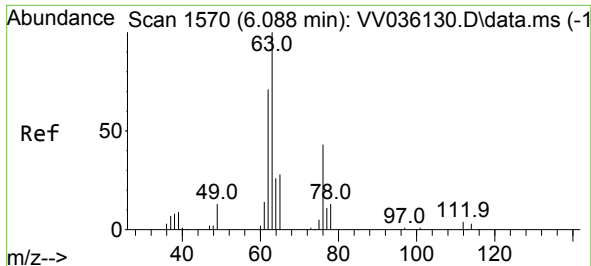
95 100

97 64.6 44.8 83.2

132 96.1 66.8 124.2

130 99.4 70.0 130.0





#37

1,2-Dichloropropane

Concen: 16.060 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

Instrument :

MSVOA_V

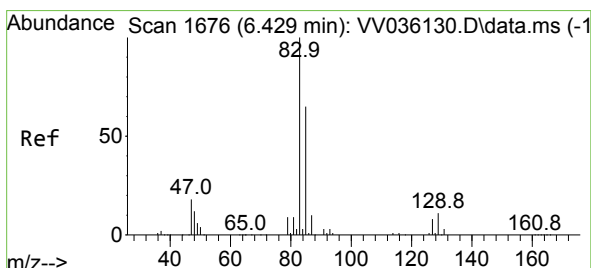
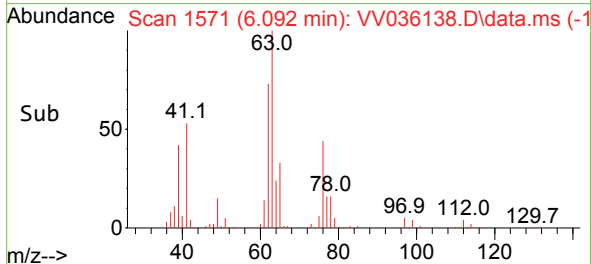
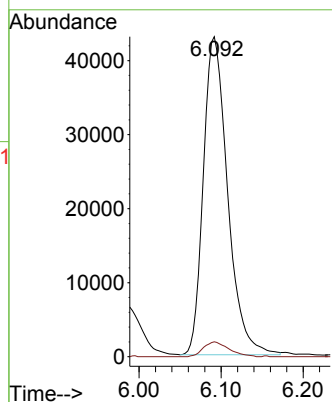
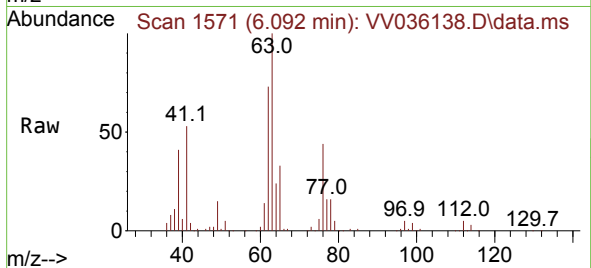
ClientSampleId :

Tgt Ion: 63 Resp: 88462

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 91.396 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

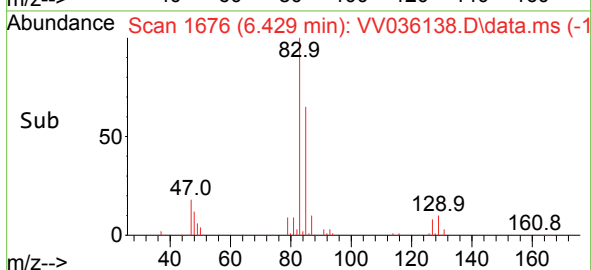
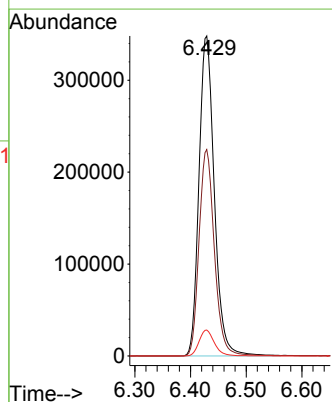
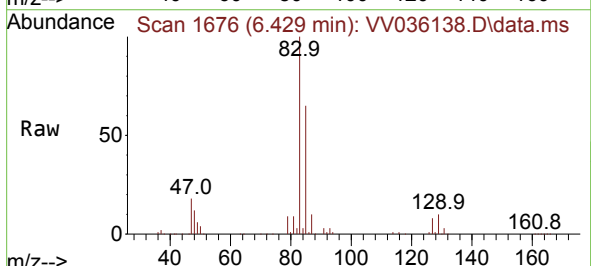
Tgt Ion: 83 Resp: 666350

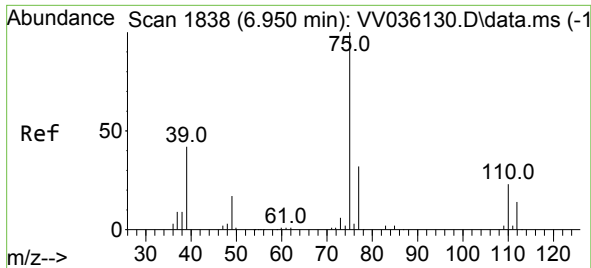
Ion Ratio Lower Upper

83 100

85 64.5 45.3 84.1

127 8.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 99.418 ug/L

RT: 6.950 min Scan# 1838

Delta R.T. -0.000 min

Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

Instrument :

MSVOA_V

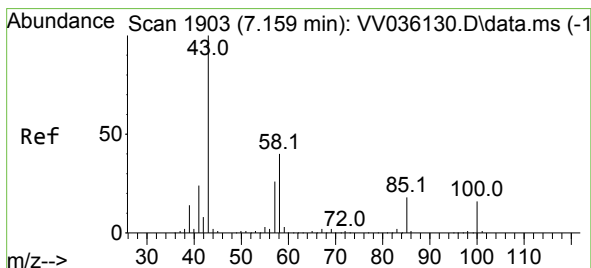
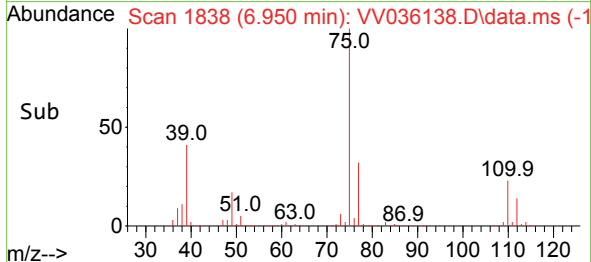
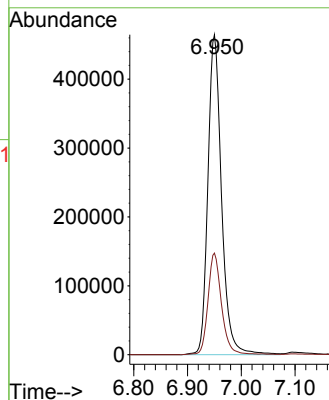
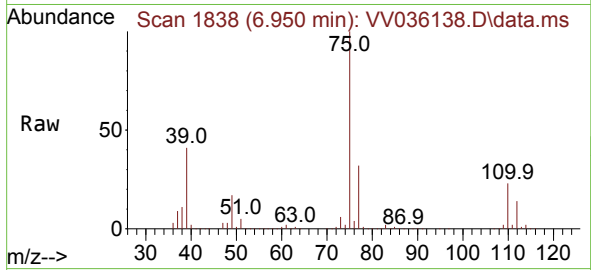
ClientSampleId :

Tgt Ion: 75 Resp: 819081

Ion Ratio Lower Upper

75 100

77 31.8 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 137.950 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

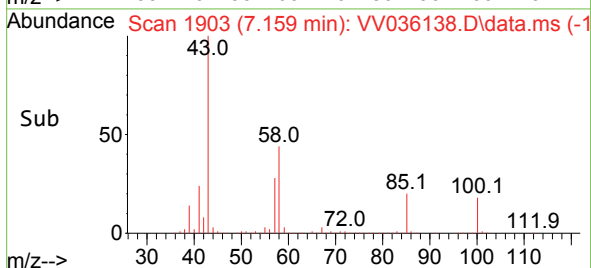
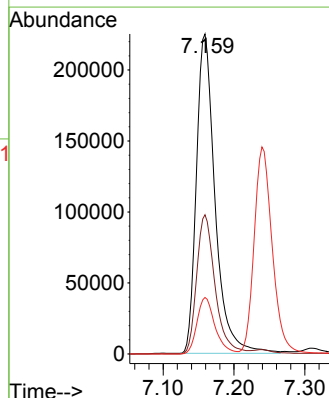
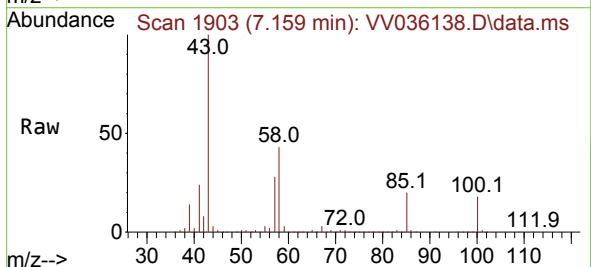
Tgt Ion: 43 Resp: 412848

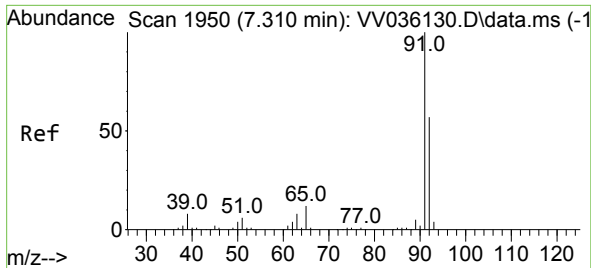
Ion Ratio Lower Upper

43 100

58 42.9 32.5 48.7

100 17.0 12.5 18.7

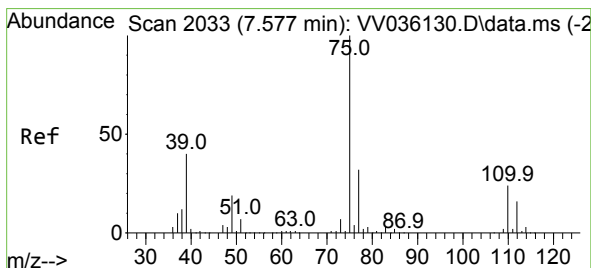
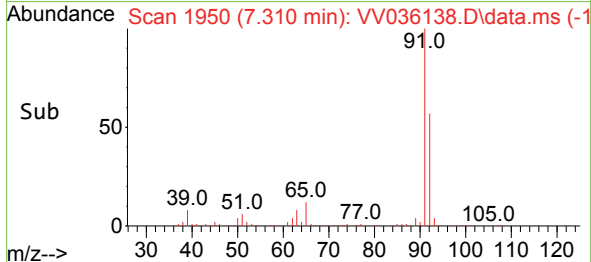
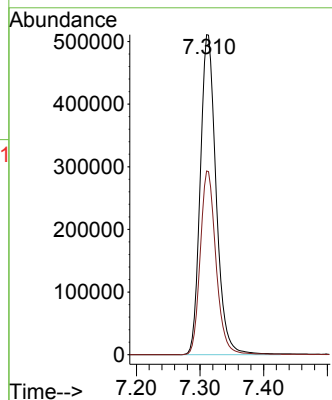
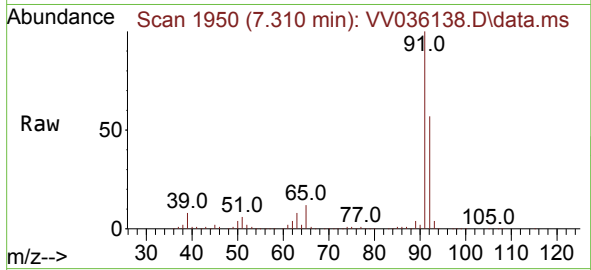




#42
Toluene
Concen: 41.311 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

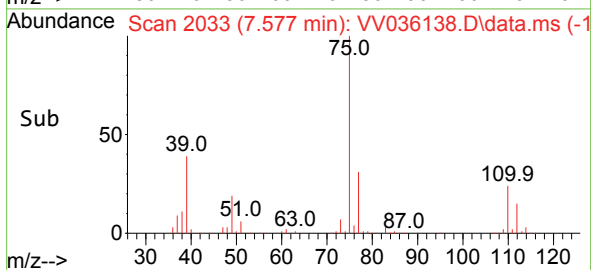
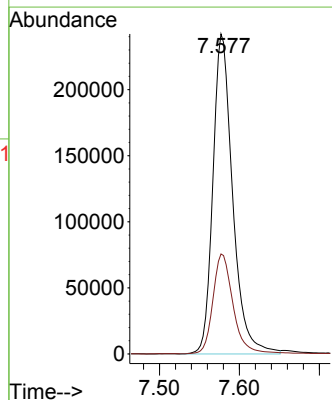
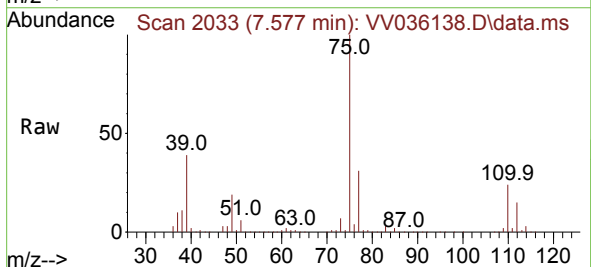
Instrument :
MSVOA_V
ClientSampleId :

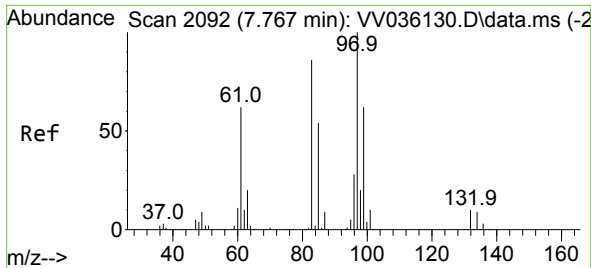
Tgt Ion: 91 Resp: 885539
Ion Ratio Lower Upper
91 100
92 57.4 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 58.311 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

Tgt Ion: 75 Resp: 414960
Ion Ratio Lower Upper
75 100
77 31.3 23.1 42.9

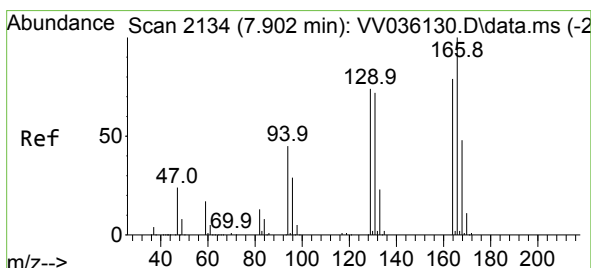
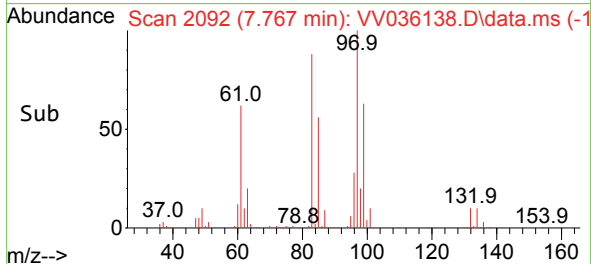
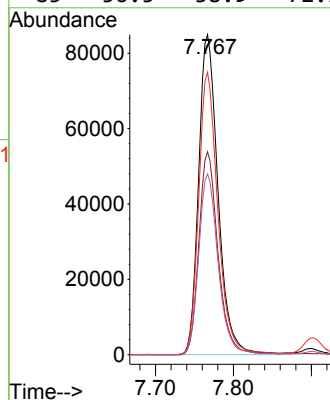
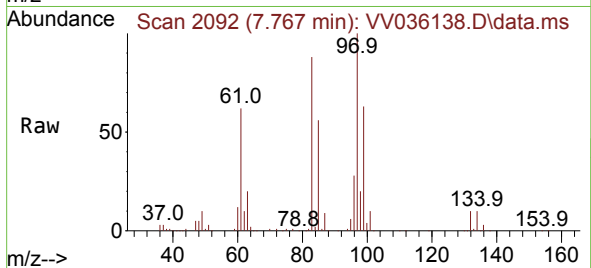




#45
1,1,2-Trichloroethane
Concen: 32.275 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

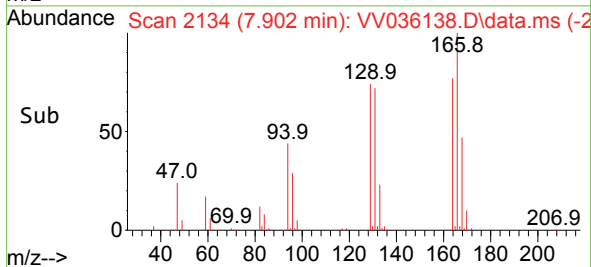
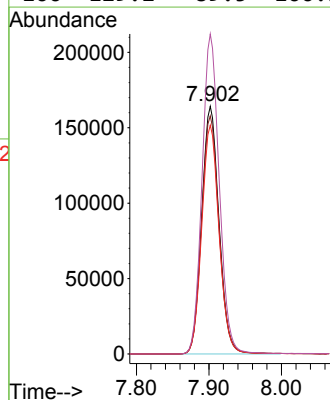
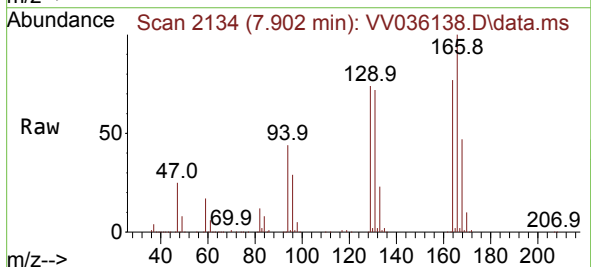
Instrument :
MSVOA_V
ClientSampleId :

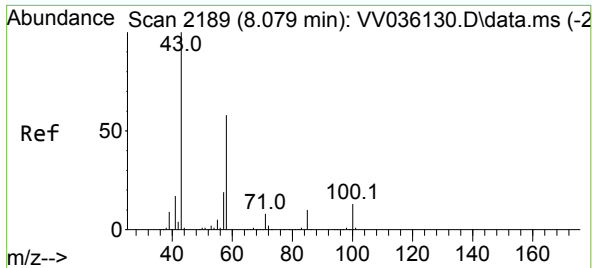
Tgt Ion: 97	Resp: 147102
Ion Ratio	Lower Upper
97 100	
99 63.4	43.3 80.5
83 88.3	60.1 111.7
85 56.5	38.9 72.3



#46
Tetrachloroethene
Concen: 58.042 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

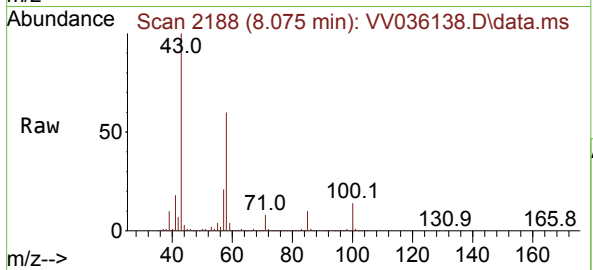
Tgt	Ion:164	Resp:	272929
Ion	Ratio	Lower	Upper
164	100		
129	96.1	64.6	120.0
131	92.4	63.2	117.4
166	129.2	89.5	166.3



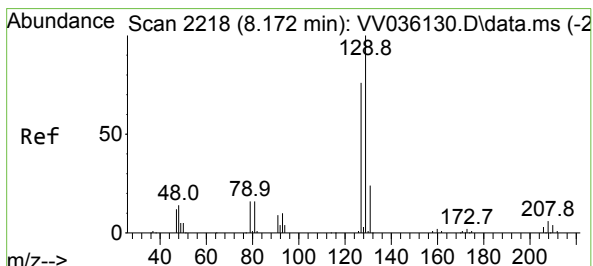
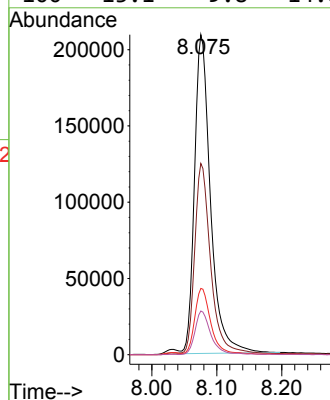
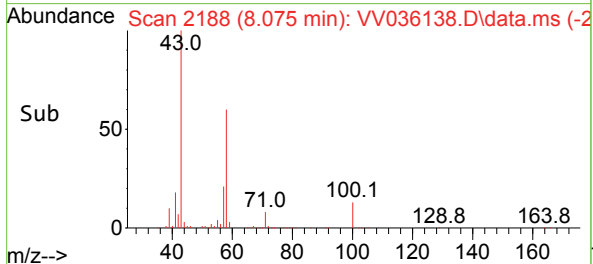


#48
2-Hexanone
Concen: 153.577 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

Instrument :
MSVOA_V
ClientSampleId :

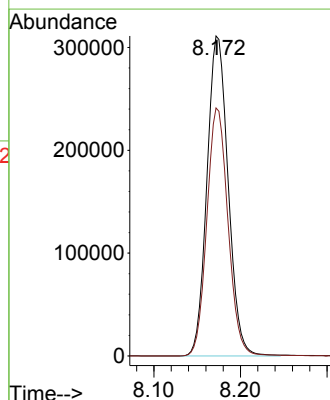
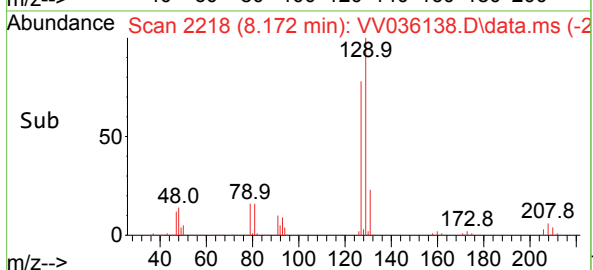
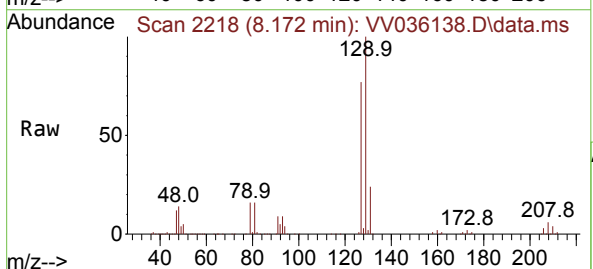


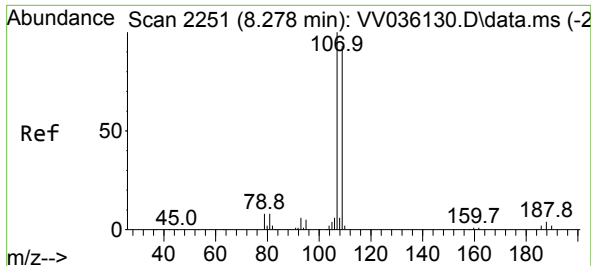
Tgt Ion: 43 Resp: 359319
Ion Ratio Lower Upper
43 100
58 59.7 45.4 68.0
57 20.1 15.8 23.8
100 13.1 9.8 14.8



#49
Dibromochloromethane
Concen: 106.154 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

Tgt Ion: 129 Resp: 529514
Ion Ratio Lower Upper
129 100
127 77.5 53.9 100.1

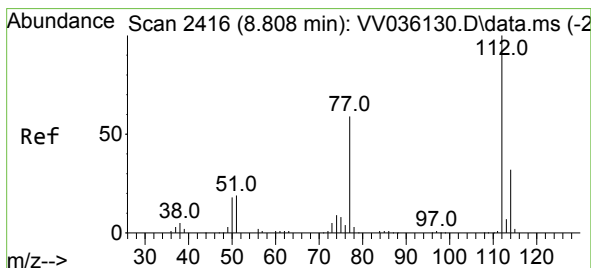
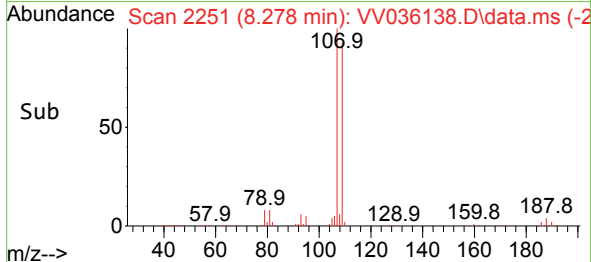
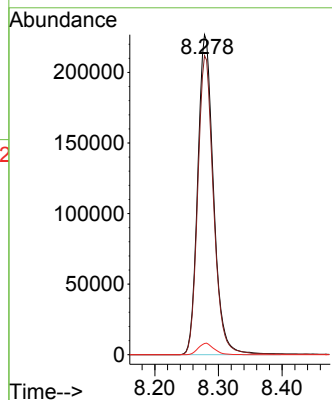
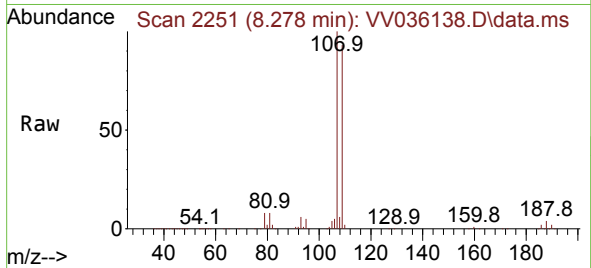




#50
1,2-Dibromoethane
Concen: 89.462 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

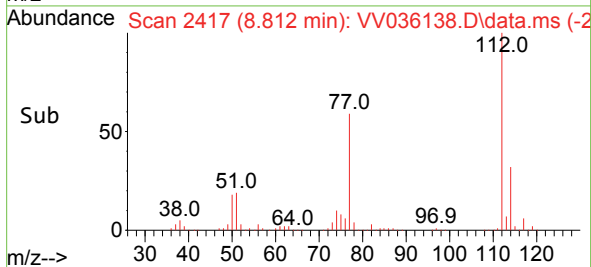
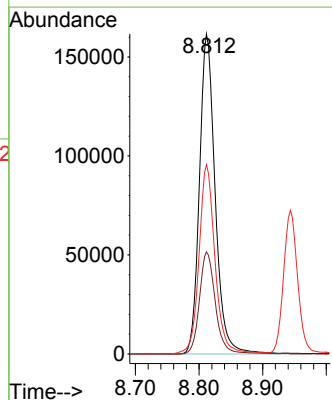
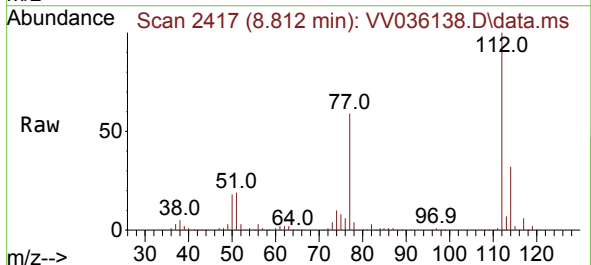
Instrument :
MSVOA_V
ClientSampleId :

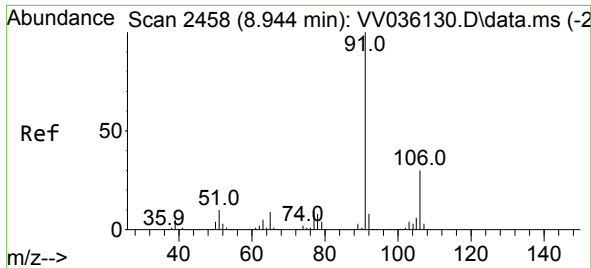
Tgt Ion:107 Resp: 391239
Ion Ratio Lower Upper
107 100
109 93.5 66.1 122.7
188 3.5 3.0 4.6



#51
Chlorobenzene
Concen: 18.997 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

Tgt Ion:112 Resp: 277461
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 59.2 47.3 70.9

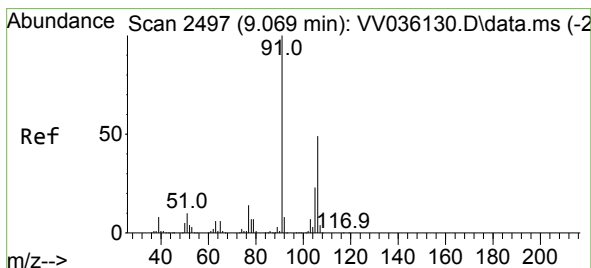
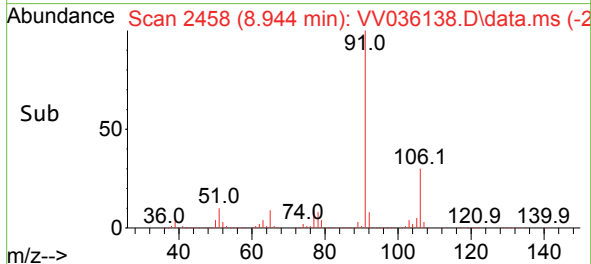
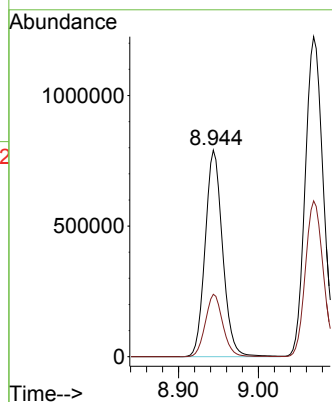
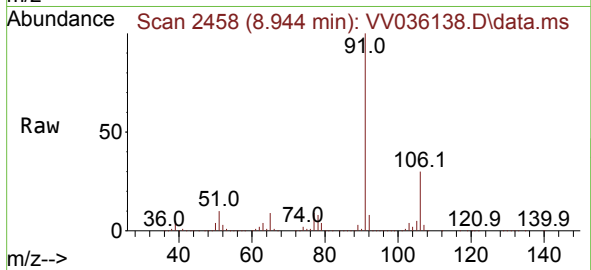




#52
Ethylbenzene
Concen: 52.389 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

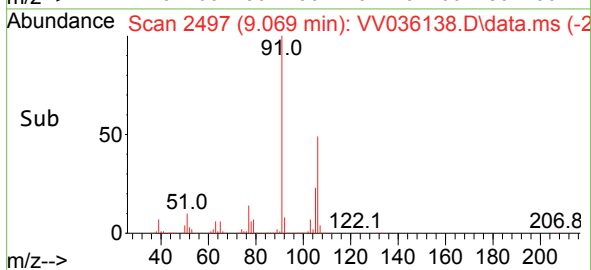
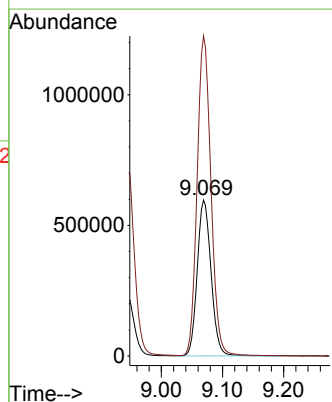
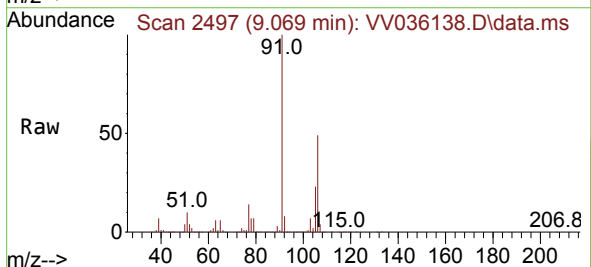
Instrument :
MSVOA_V
ClientSampleId :

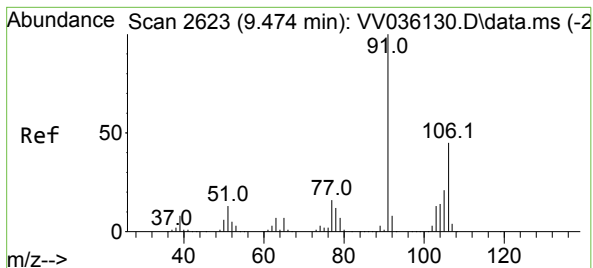
Tgt Ion: 91 Resp: 1201498
Ion Ratio Lower Upper
91 100
106 30.2 21.6 40.0



#53
m,p-Xylene
Concen: 108.323 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

Tgt Ion: 106 Resp: 933472
Ion Ratio Lower Upper
106 100
91 205.2 143.1 265.9





#54

o-Xylene

Concen: 46.752 ug/L

RT: 9.477 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

Instrument :

MSVOA_V

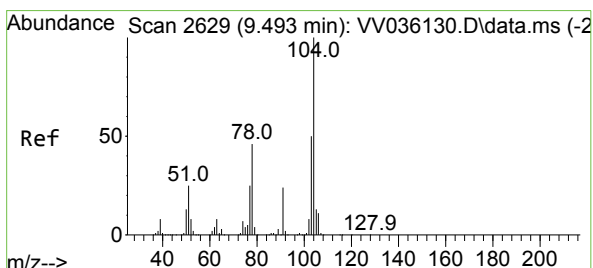
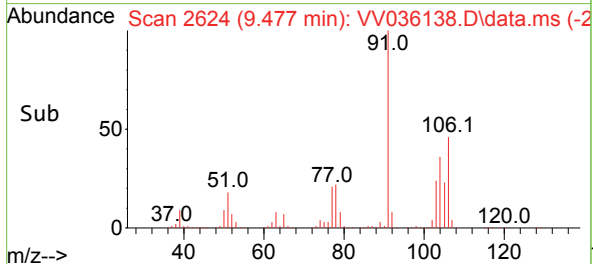
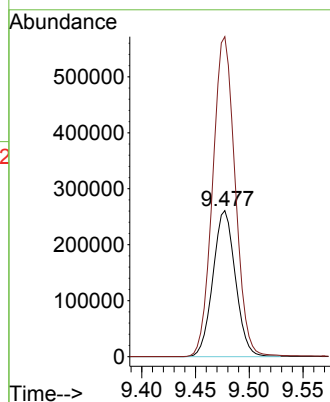
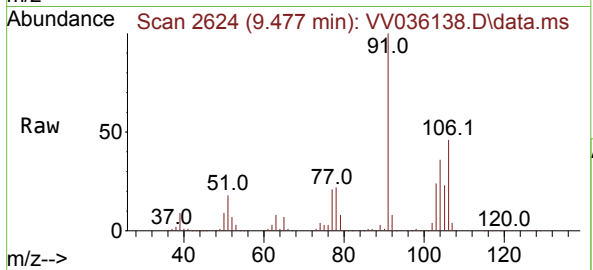
ClientSampleId :

Tgt Ion:106 Resp: 379932

Ion Ratio Lower Upper

106 100

91 219.0 154.5 286.9



#55

Styrene

Concen: 78.338 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. -0.000 min

Lab File: VV036138.D

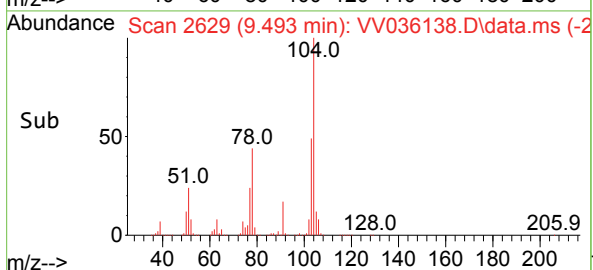
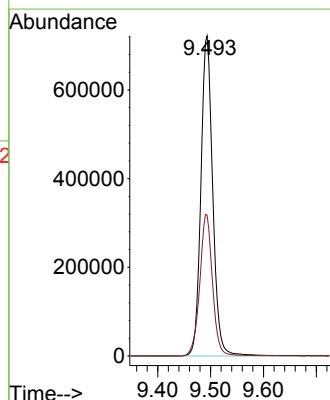
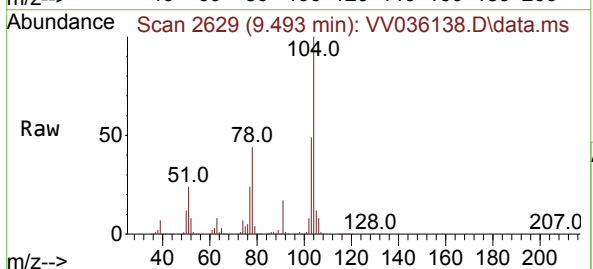
Acq: 19 Jun 2024 15:32

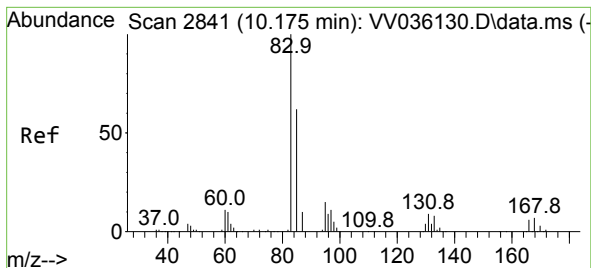
Tgt Ion:104 Resp: 1122634

Ion Ratio Lower Upper

104 100

78 44.0 31.4 58.2

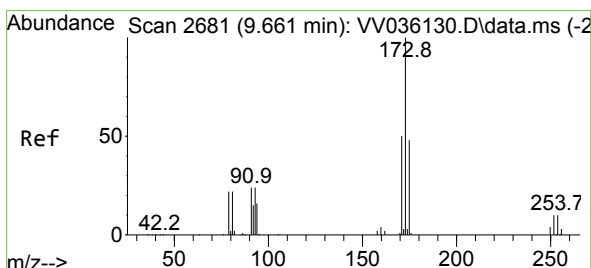
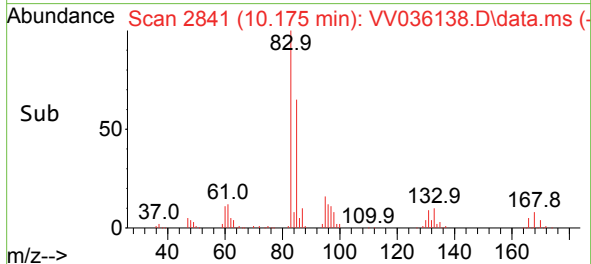
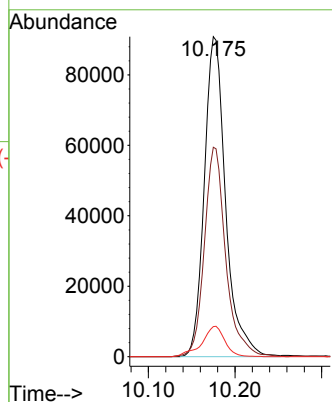
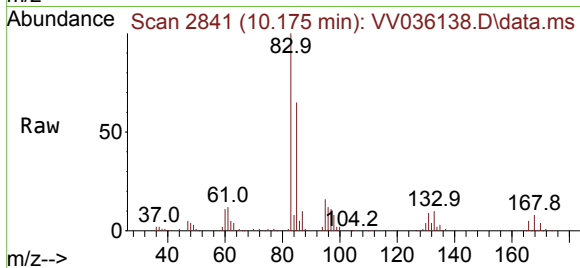




#57
1,1,2,2-Tetrachloroethane
Concen: 38.147 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

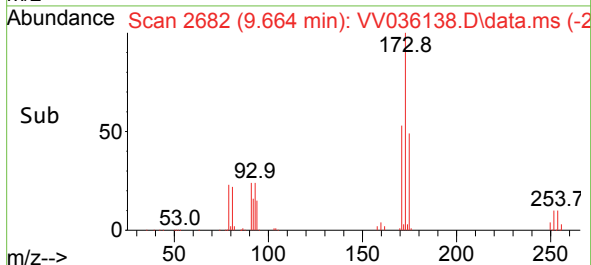
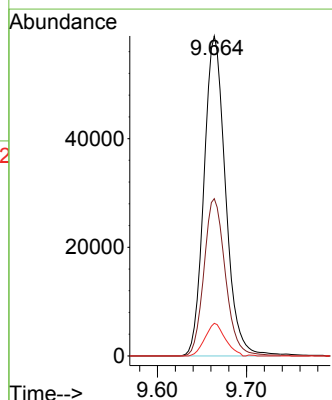
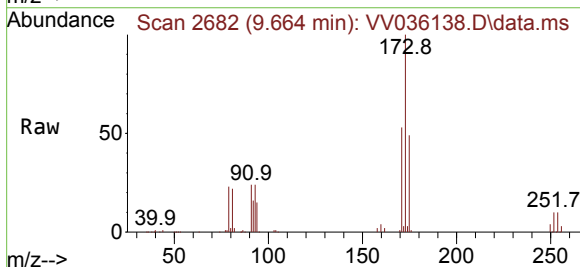
Instrument :
MSVOA_V
ClientSampleId :

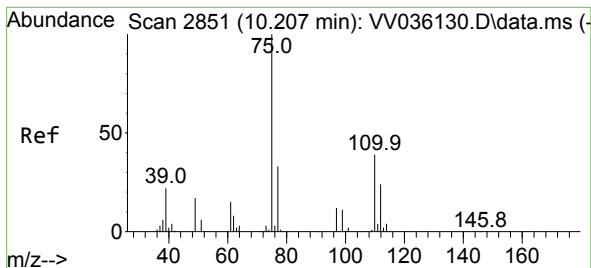
Tgt Ion: 83 Resp: 155679
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7
131 9.4 7.6 11.4



#59
Bromoform
Concen: 28.466 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

Tgt Ion: 173 Resp: 98870
Ion Ratio Lower Upper
173 100
175 48.9 39.0 58.6
254 9.6 8.6 13.0





#61

1,2,3-Trichloropropane

Concen: 65.872 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. -0.000 min

Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

Instrument :

MSVOA_V

ClientSampleId :

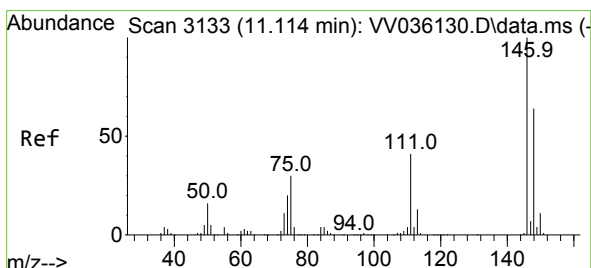
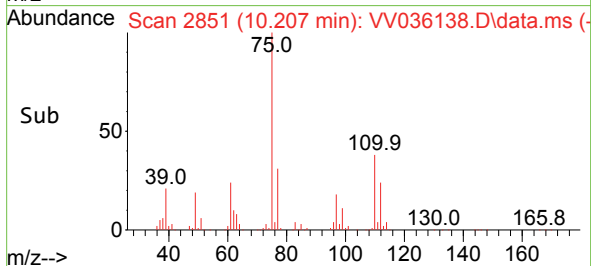
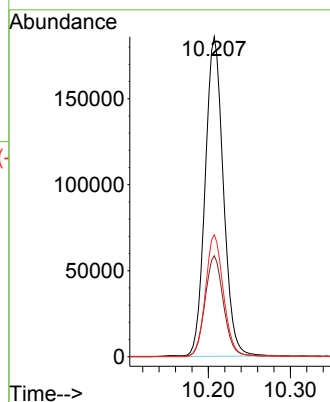
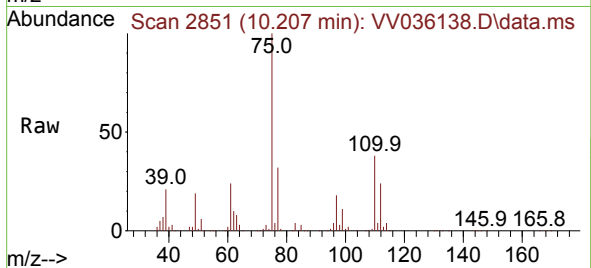
Tgt Ion: 75 Resp: 286929

Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0

110 37.9 32.2 48.4



#64

1,3-Dichlorobenzene

Concen: 95.345 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

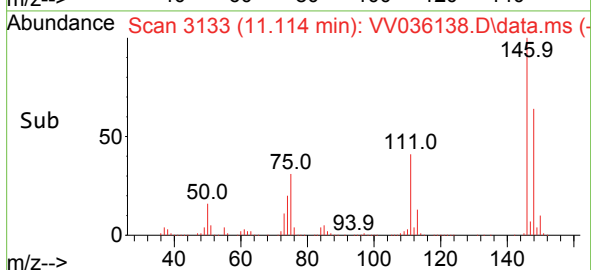
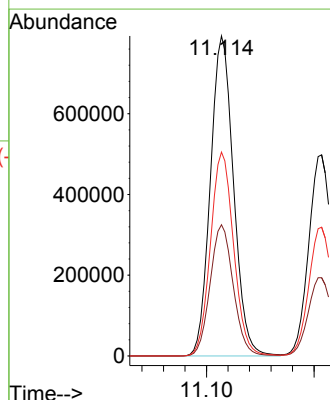
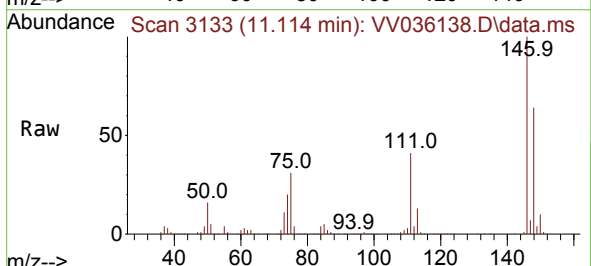
Tgt Ion: 146 Resp: 1183105

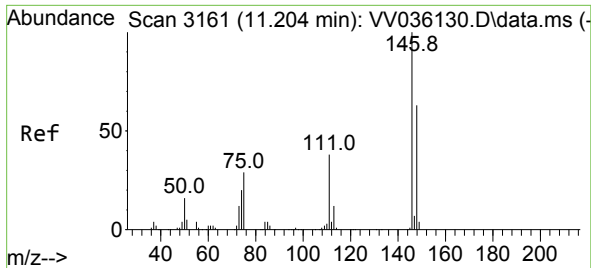
Ion Ratio Lower Upper

146 100

111 41.0 28.1 52.1

148 63.7 44.7 83.1

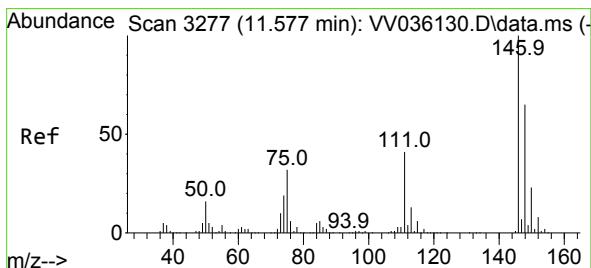
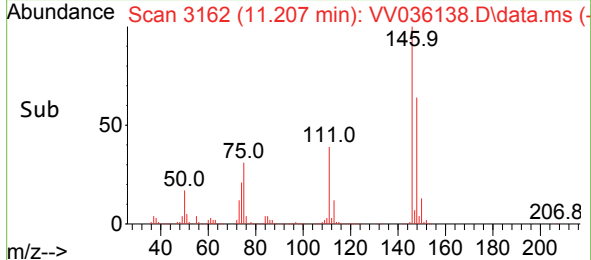
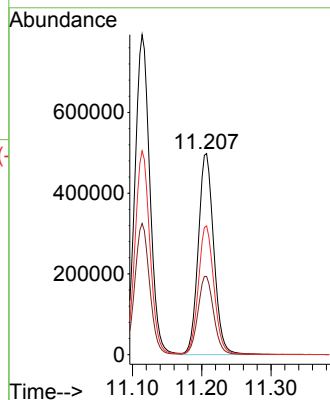
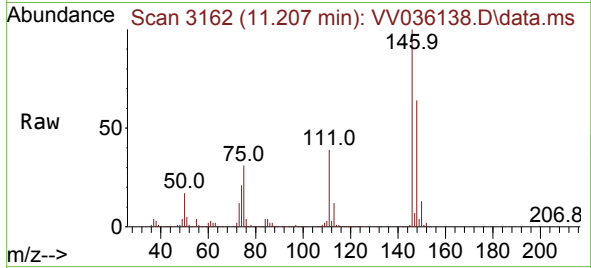




#65
1,4-Dichlorobenzene
Concen: 60.817 ug/L
RT: 11.207 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

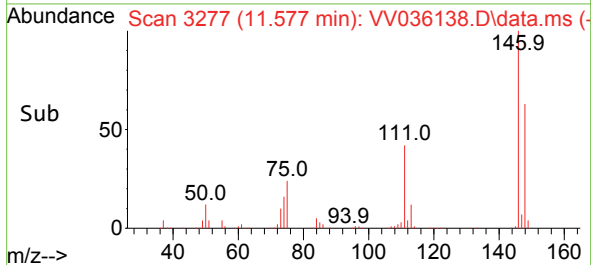
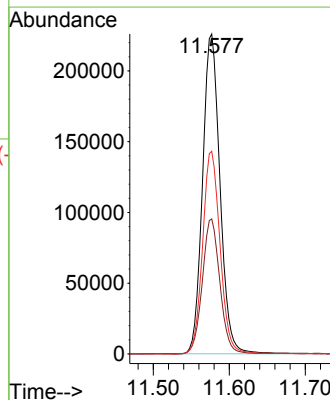
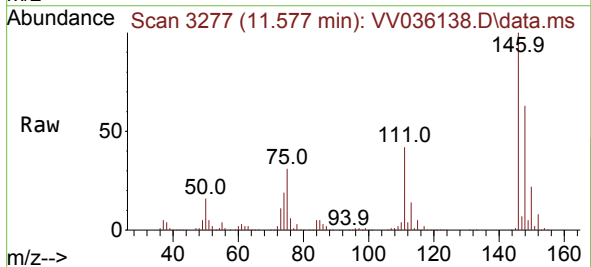
Instrument :
MSVOA_V
ClientSampleId :

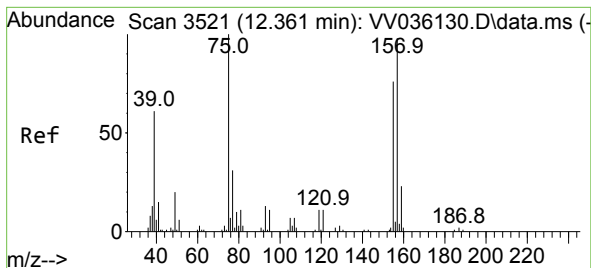
Tgt Ion:146 Resp: 778936
Ion Ratio Lower Upper
146 100
111 38.9 26.9 50.1
148 64.1 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 30.797 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VV036138.D
Acq: 19 Jun 2024 15:32

Tgt Ion:146 Resp: 359606
Ion Ratio Lower Upper
146 100
111 42.2 33.5 50.3
148 63.3 50.9 76.3

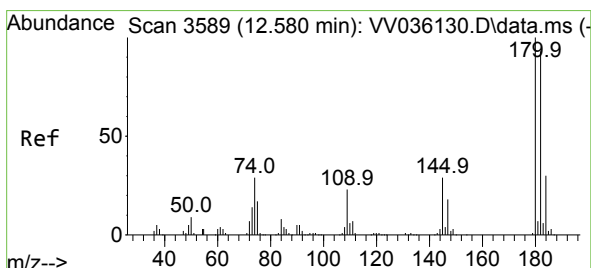
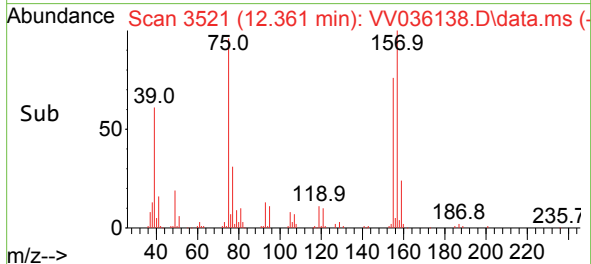
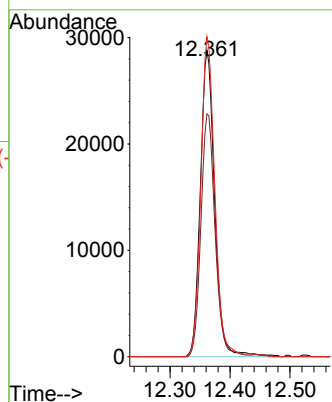
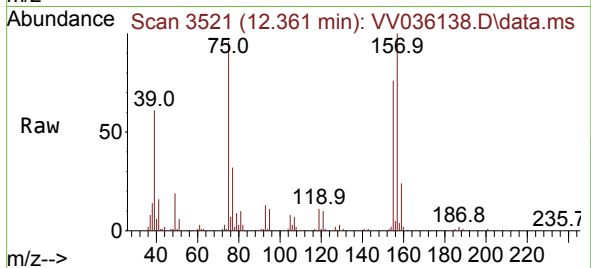




#68
 1,2-Dibromo-3-chloropropane
 Concen: 49.269 ug/L
 RT: 12.361 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV036138.D
 Acq: 19 Jun 2024 15:32

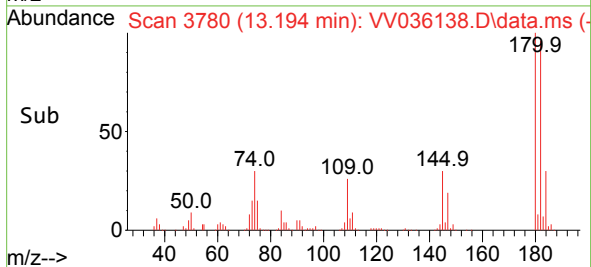
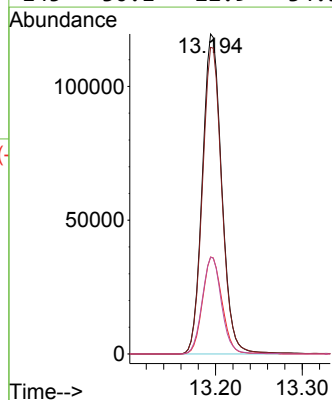
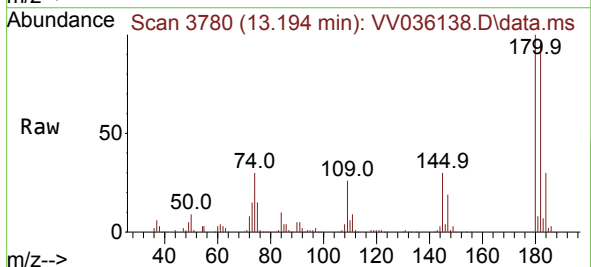
Instrument :
 MSVOA_V
 ClientSampleId :

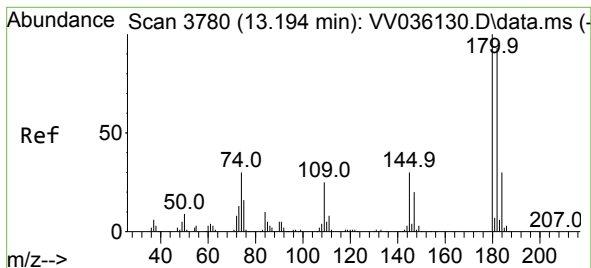
Tgt Ion: 75 Resp: 47989
 Ion Ratio Lower Upper
 75 100
 155 79.2 63.3 94.9
 157 104.4 82.4 123.6



#69
 1,3,5-Trichlorobenzene
 Concen: 19.960 ug/L
 RT: 13.194 min Scan# 3780
 Delta R.T. 0.614 min
 Lab File: VV036138.D
 Acq: 19 Jun 2024 15:32

Tgt Ion:180 Resp: 185271
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.2 114.4
 184 30.4 24.2 36.2
 145 30.1 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 25.351 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.000 min

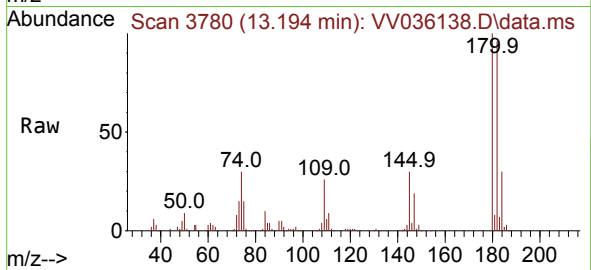
Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

Instrument :

MSVOA_V

ClientSampleId :



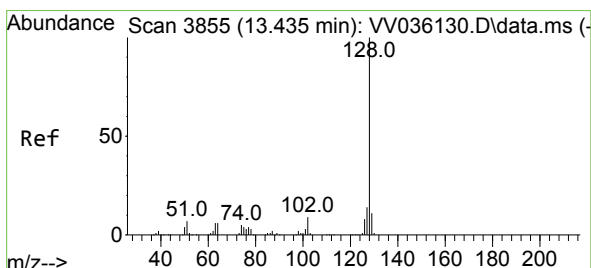
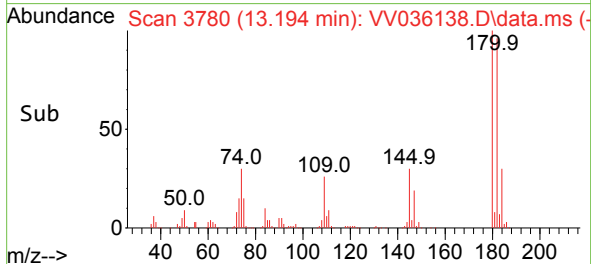
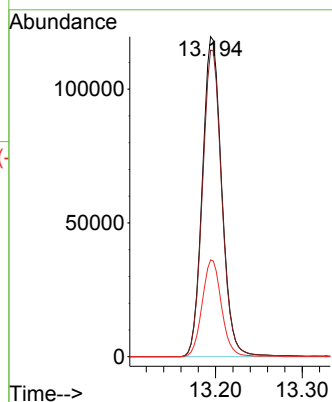
Tgt Ion:180 Resp: 185271

Ion Ratio Lower Upper

180 100

182 96.2 76.1 114.1

145 30.1 23.5 35.3



#71

Naphthalene

Concen: 100.133 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.000 min

Lab File: VV036138.D

Acq: 19 Jun 2024 15:32

Tgt Ion:128 Resp: 1194267

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.8 8.8 13.2

