

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
 Data File : VW036203.D
 Acq On : 21 Jun 2024 13:46
 Operator : SY/MD
 Sample : P2909-24DL 2X
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 00:12:28 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	273251	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	284067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	152942	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	113726	22.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.560%
7) Chloroethane-d5	1.526	69	101936	25.447	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.047	65	56604	25.310	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.240%
21) 2-Butanone-d5	4.011	46	157	0.136	ug/L	0.17
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.280%#
24) Chloroform-d	4.243	84	253825	29.218	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.880%
26) 1,2-Dichloroethane-d4	4.937	65	137218	30.126	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.520%
32) Benzene-d6	4.953	84	457921	27.119	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.480%
36) 1,2-Dichloropropane-d6	5.986	67	151940	28.574	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.280%
41) Toluene-d8	7.240	98	428535	28.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.040%
43) trans-1,3-Dichloroprop...	7.551	79	65681	30.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	120.480%
47) 2-Hexanone-d5	8.027	63	57125	79.292	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.580%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	131186	33.015	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	132.040%#
66) 1,2-Dichlorobenzene-d4	11.558	152	160302	28.582	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.320%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	2099	0.447	ug/L #	34
12) 1,1-Dichloroethene	2.060	96	166144	37.970	ug/L	87
15) Methyl Acetate	2.394	43	1936	0.867	ug/L #	84
16) Methylene chloride	2.439	84	177395	28.690	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	126900	27.301	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	184543	17.685	ug/L	99
19) 1,1-Dichloroethane	3.105	63	233699	26.401	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	273759	58.613	ug/L	98
22) 2-Butanone	3.889	43	202676	133.035	ug/L #	66
25) Chloroform	4.269	83	413603	45.423	ug/L	99
27) 1,2-Dichloroethane	5.040	62	99648	17.529	ug/L	100
31) Carbon tetrachloride	4.728	117	179946	26.412	ug/L	99
33) Benzene	5.005	78	454915	24.486	ug/L	100
34) Trichloroethene	5.828	95	133832	23.503	ug/L	98
37) 1,2-Dichloropropane	6.092	63	44050	9.030	ug/L	99
38) Bromodichloromethane	6.429	83	318849	49.380	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	390789	53.558	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	187533	70.755	ug/L	94
42) Toluene	7.313	91	416564	21.943	ug/L	98

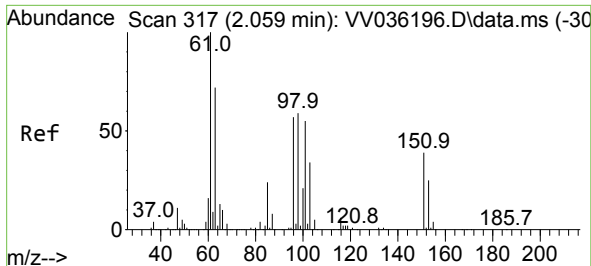
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062124\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.577	75	200585	31.827	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	70332	17.424	ug/L	99
46) Tetrachloroethene	7.902	164	131829	31.655	ug/L	97
48) 2-Hexanone	8.075	43	165427	79.836	ug/L	95
49) Dibromochloromethane	8.172	129	252702	57.202	ug/L	99
50) 1,2-Dibromoethane	8.278	107	189299	48.875	ug/L	99
51) Chlorobenzene	8.812	112	134770	10.419	ug/L	99
52) Ethylbenzene	8.944	91	550835	27.120	ug/L	100
53) m,p-Xylene	9.069	106	431776	56.575	ug/L	100
54) o-Xylene	9.477	106	175812	24.428	ug/L	98
55) Styrene	9.493	104	512731	40.399	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	80590	22.297	ug/L	98
59) Bromoform	9.664	173	47157	16.350	ug/L	98
61) 1,2,3-Trichloropropane	10.207	75	137988	38.148	ug/L	97
64) 1,3-Dichlorobenzene	11.114	146	563749	54.709	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	367411	34.544	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	176029	18.153	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	22574	27.908	ug/L	96
69) 1,3,5-Trichlorobenzene	13.197	180	93768	12.165	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	93768	15.450	ug/L	98
71) Naphthalene	13.435	128	529403	53.452	ug/L	100

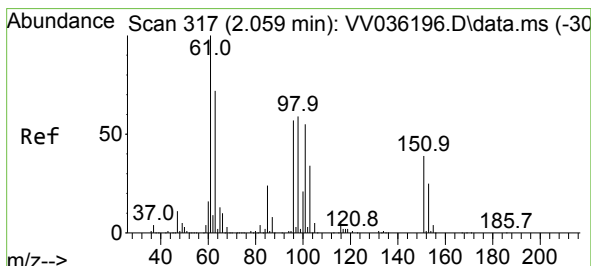
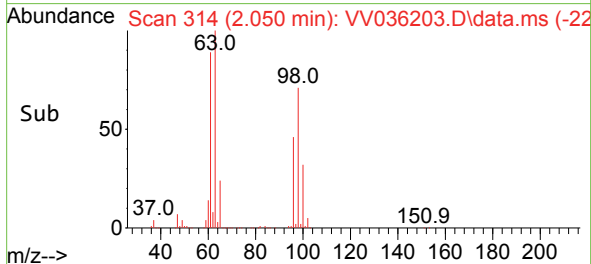
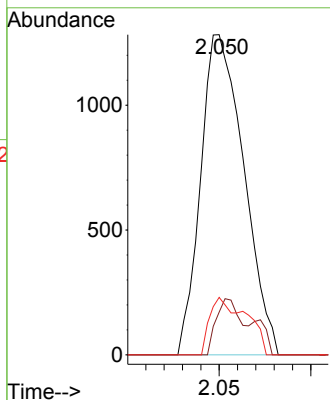
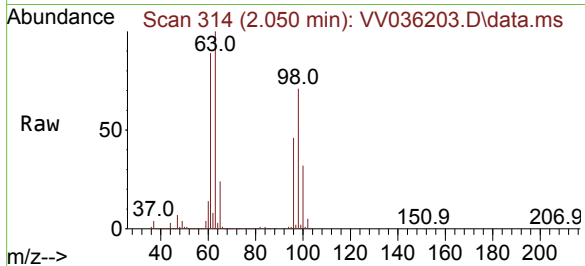
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.447 ug/L
RT: 2.050 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

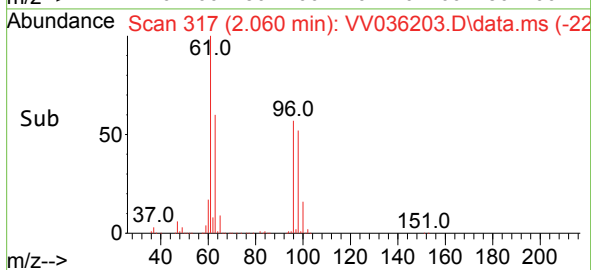
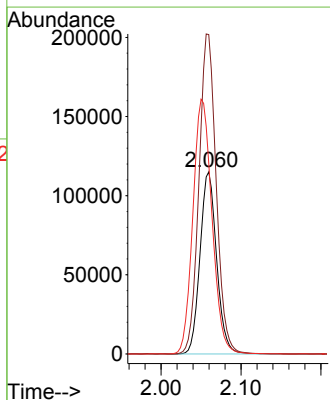
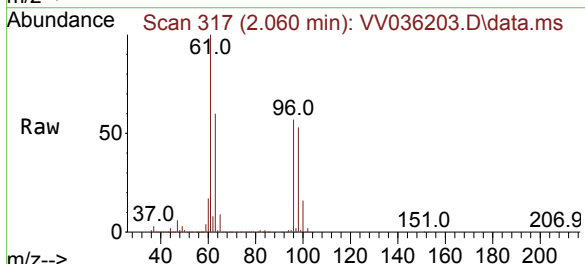
Instrument :
MSVOA_V
ClientSampleId :

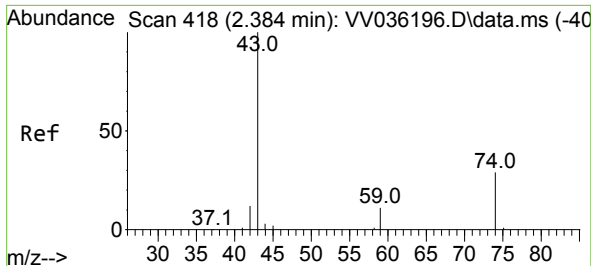
Tgt Ion:101 Resp: 2099
Ion Ratio Lower Upper
101 100
85 10.3 34.5 51.7#
151 8.4 56.3 84.5#



#12
1,1-Dichloroethene
Concen: 37.970 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

Tgt Ion: 96 Resp: 166144
Ion Ratio Lower Upper
96 100
61 175.4 127.3 236.3
63 104.7 93.7 173.9

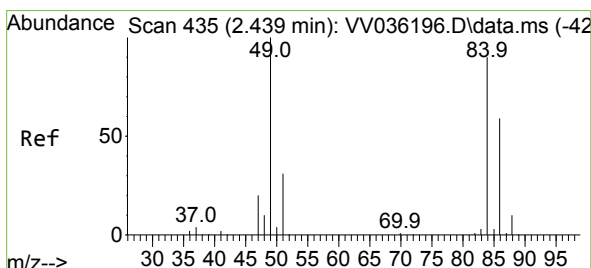
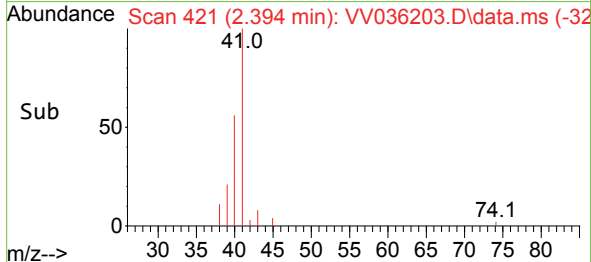
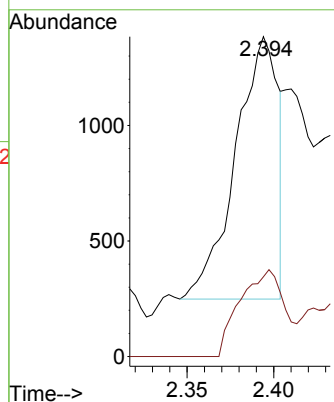
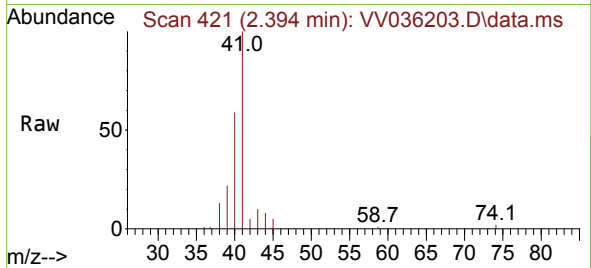




#15
Methyl Acetate
Concen: 0.867 ug/L
RT: 2.394 min Scan# 418
Delta R.T. 0.010 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

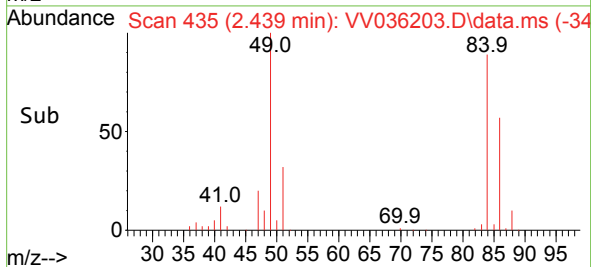
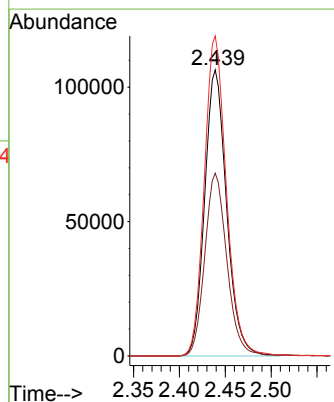
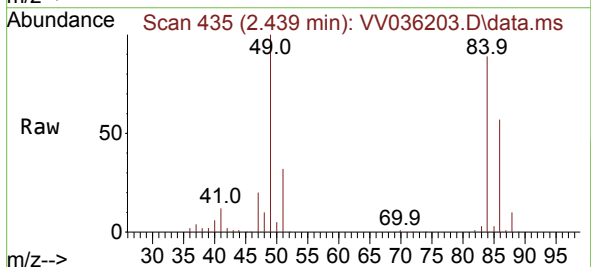
Instrument :
MSVOA_V
ClientSampleId :

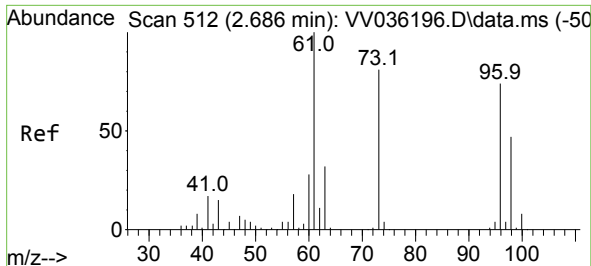
Tgt Ion: 43 Resp: 1936
Ion Ratio Lower Upper
43 100
74 34.9 21.4 32.2#



#16
Methylene chloride
Concen: 28.690 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

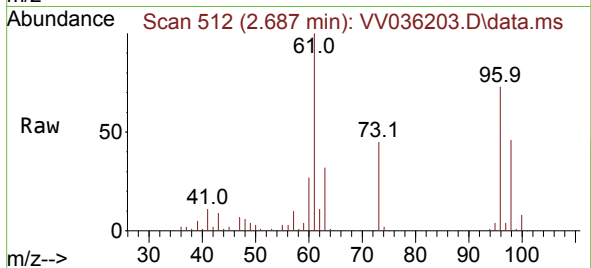
Tgt Ion: 84 Resp: 177395
Ion Ratio Lower Upper
84 100
86 63.9 44.6 82.8
49 111.9 81.1 150.5



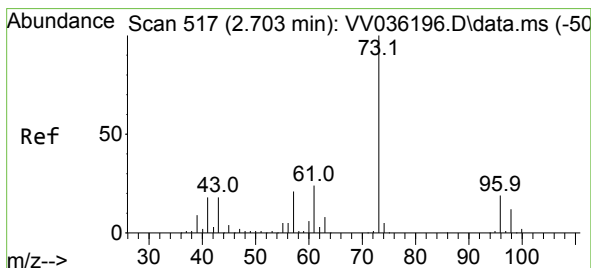
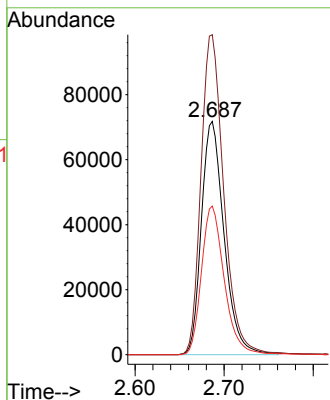
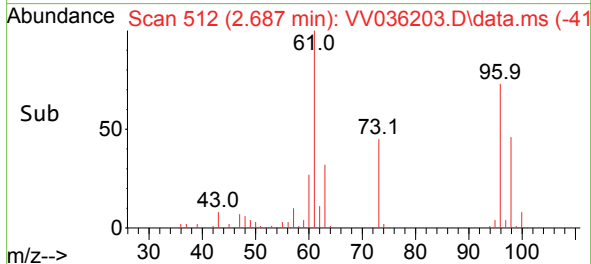


#17
trans-1,2-Dichloroethene
Concen: 27.301 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

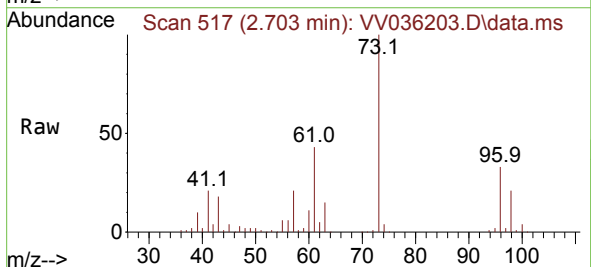
Instrument :
MSVOA_V
ClientSampleId :



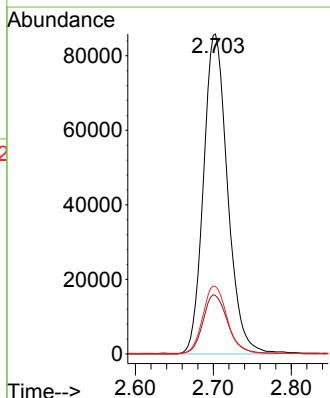
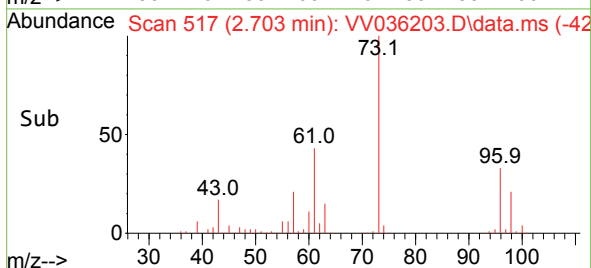
Tgt Ion: 96 Resp: 126900
Ion Ratio Lower Upper
96 100
61 137.2 99.4 184.6
98 63.7 44.9 83.3

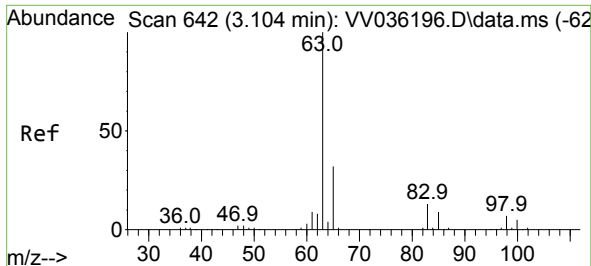


#18
Methyl tert-butyl Ether
Concen: 17.685 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46



Tgt Ion: 73 Resp: 184543
Ion Ratio Lower Upper
73 100
43 18.5 14.3 21.5
57 21.6 17.8 26.6

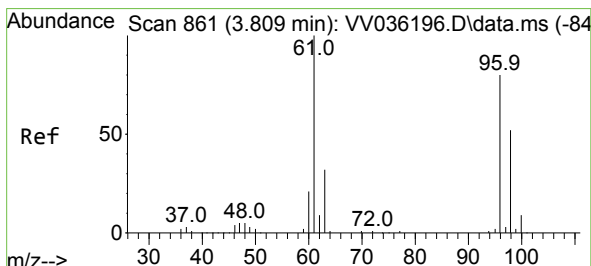
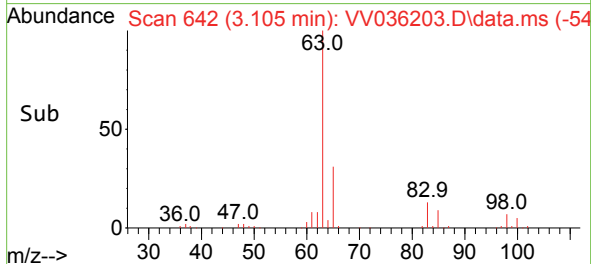
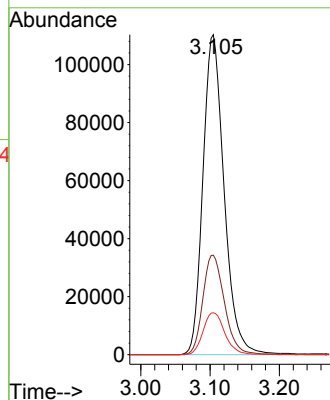
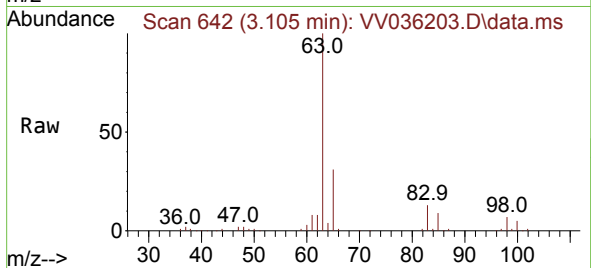




#19
1,1-Dichloroethane
Concen: 26.401 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

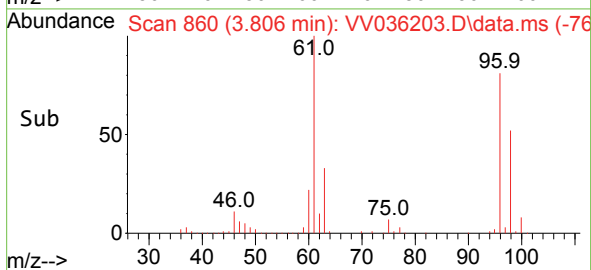
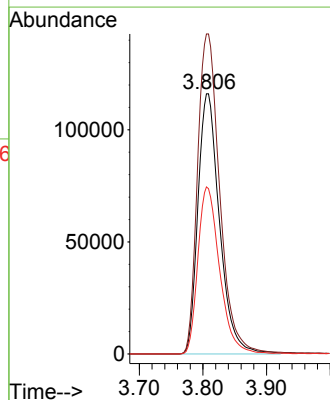
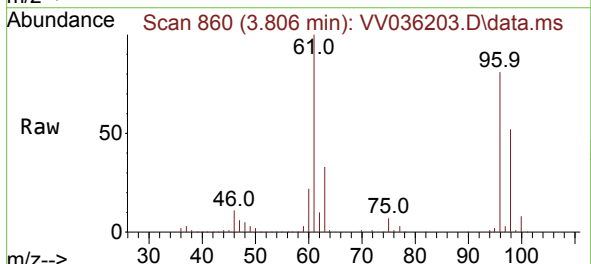
Instrument :
MSVOA_V
ClientSampleId :

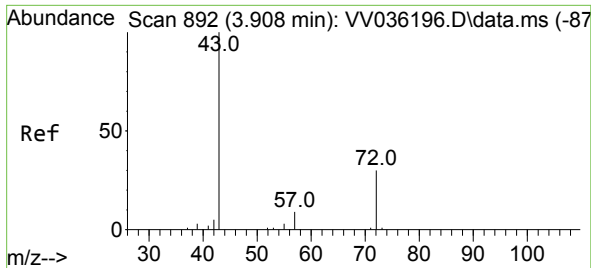
Tgt Ion: 63 Resp: 233699
Ion Ratio Lower Upper
63 100
65 31.1 22.4 41.6
83 13.1 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 58.613 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

Tgt Ion: 96 Resp: 273759
Ion Ratio Lower Upper
96 100
61 123.0 87.9 163.3
98 64.2 44.4 82.5

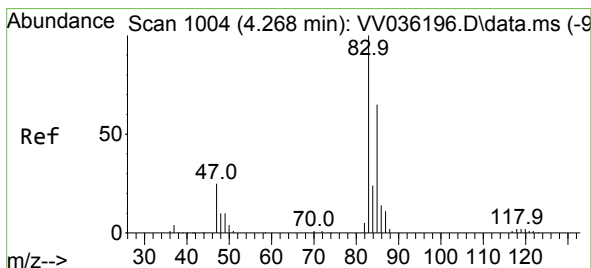
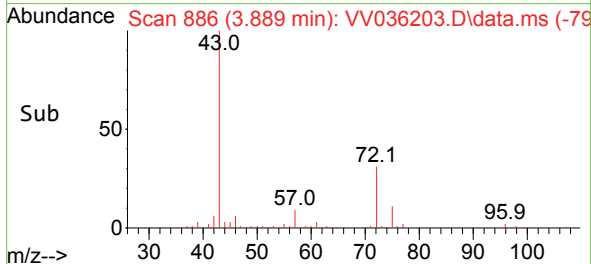
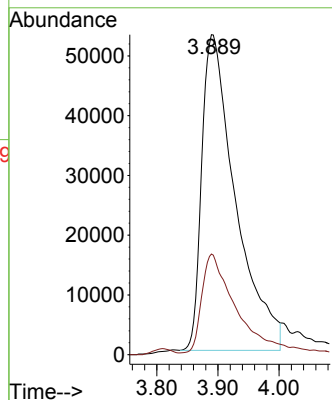
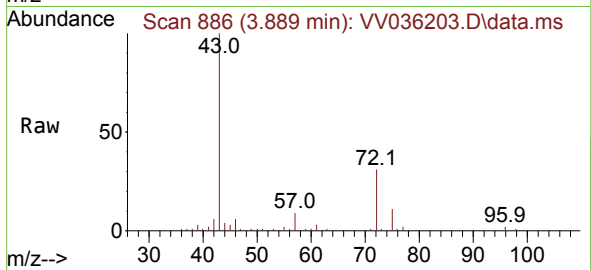




#22
2-Butanone
Concen: 133.035 ug/L
RT: 3.889 min Scan# 892
Delta R.T. -0.019 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

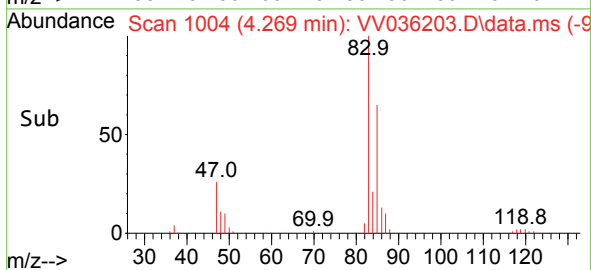
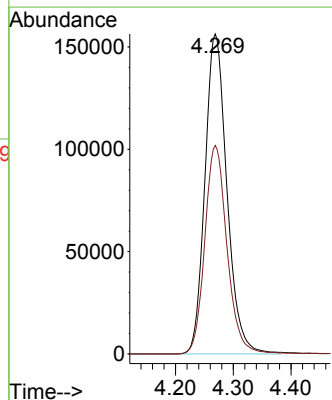
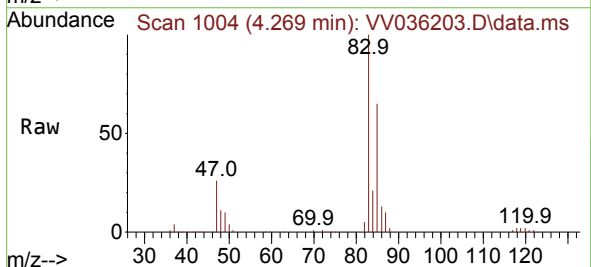
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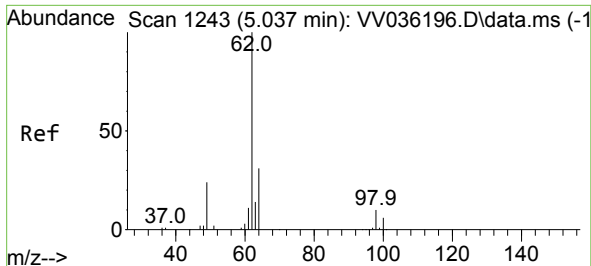
Tgt Ion: 43 Resp: 202676
Ion Ratio Lower Upper
43 100
72 30.9 8.2 24.4#



#25
Chloroform
Concen: 45.423 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

Tgt Ion: 83 Resp: 413603
Ion Ratio Lower Upper
83 100
85 65.2 45.2 84.0

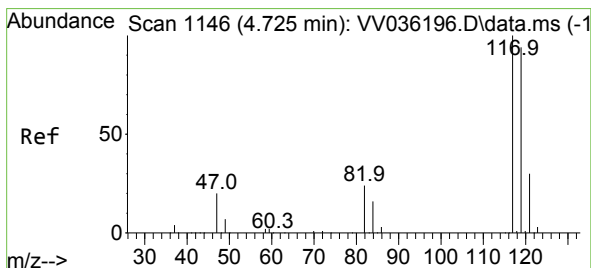
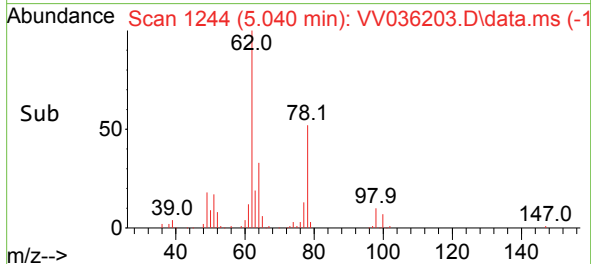
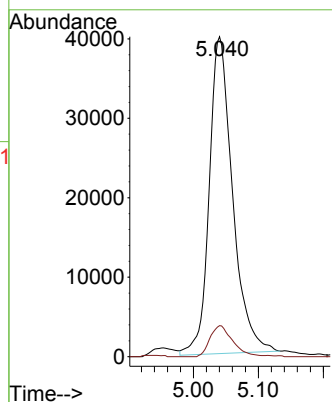
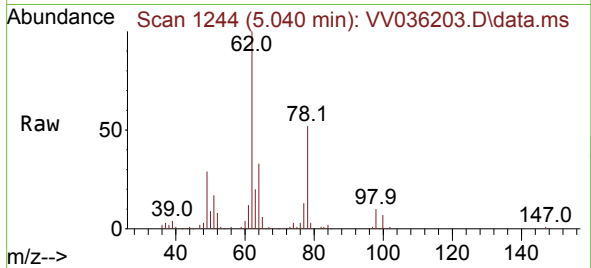




#27
1,2-Dichloroethane
Concen: 17.529 ug/L
RT: 5.040 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

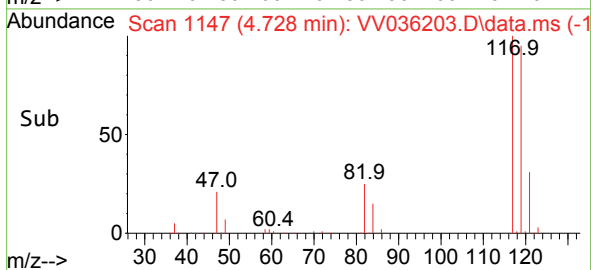
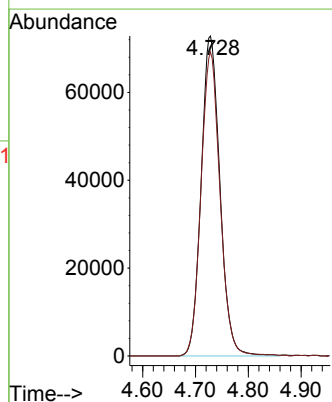
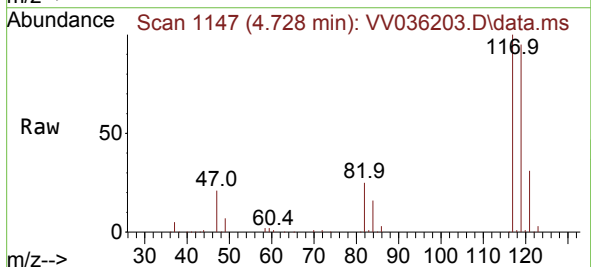
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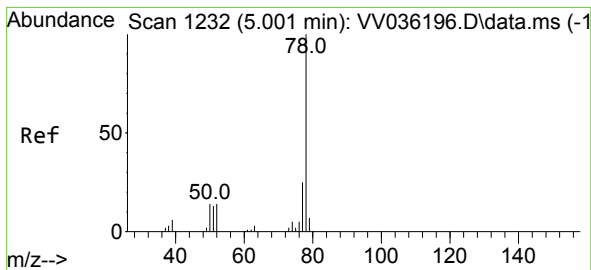
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Ion Ratio Lower Upper
62 100
98 9.7 7.8 11.6



#31
Carbon tetrachloride
Concen: 26.412 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

Tgt Ion: 117 Resp: 179946
Ion Ratio Lower Upper
117 100
119 95.4 76.8 115.2





#33

Benzene

Concen: 24.486 ug/L

RT: 5.005 min Scan# 1232

Delta R.T. 0.003 min

Lab File: VV036203.D

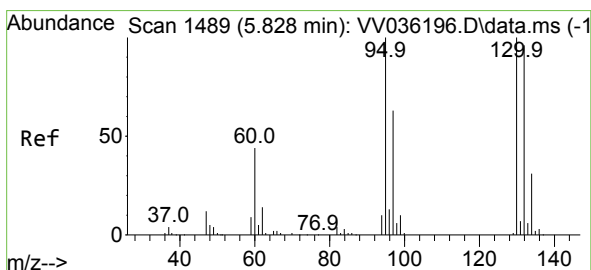
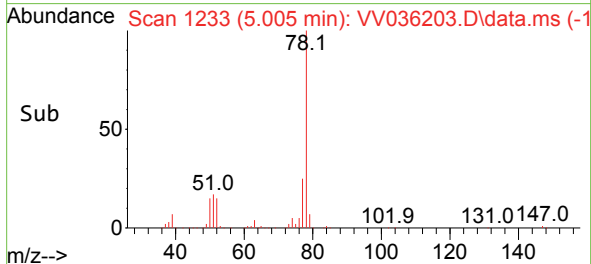
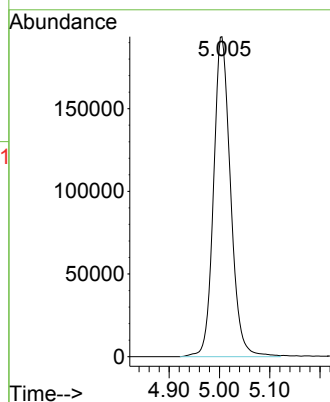
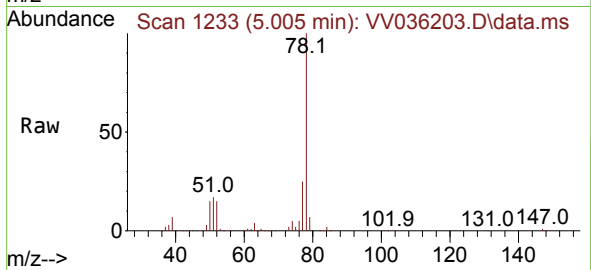
Acq: 21 Jun 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 454915



#34

Trichloroethene

Concen: 23.503 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

Tgt Ion: 95 Resp: 133832

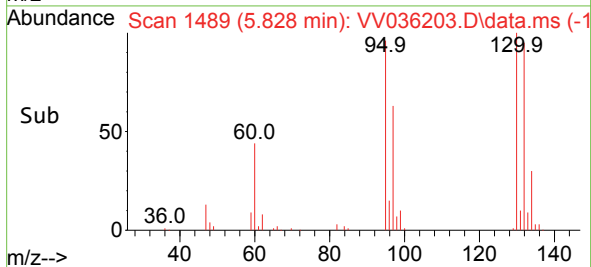
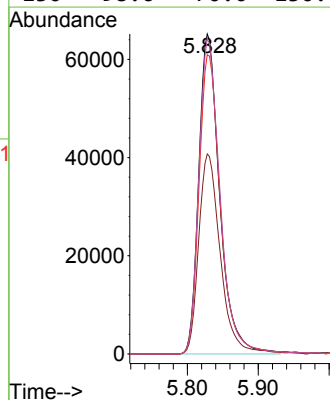
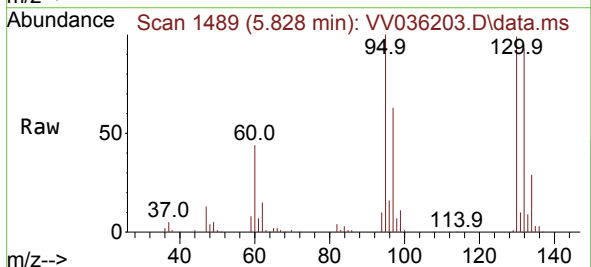
Ion Ratio Lower Upper

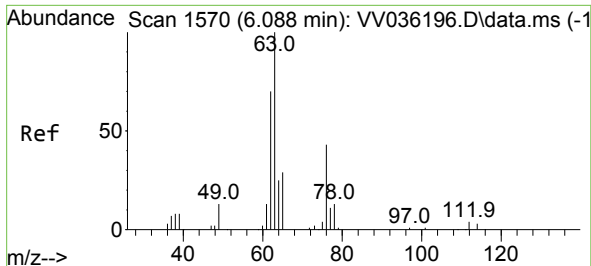
95 100

97 62.5 44.8 83.2

132 93.5 66.8 124.2

130 98.6 70.0 130.0





#37

1,2-Dichloropropane

Concen: 9.030 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

Instrument :

MSVOA_V

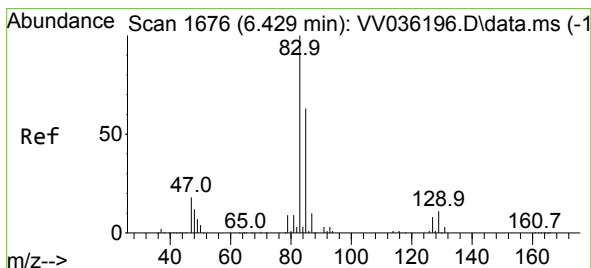
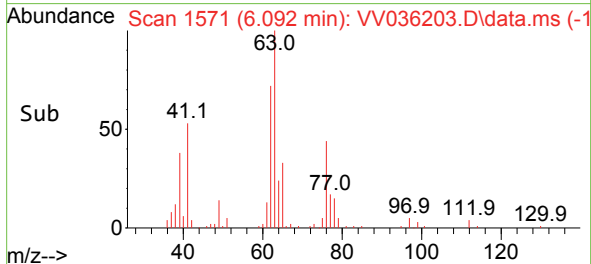
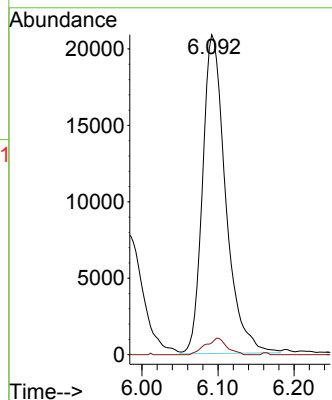
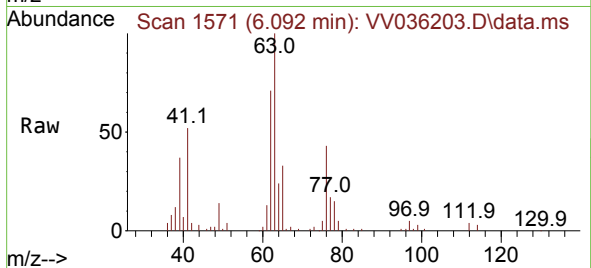
ClientSampleId :

Tgt Ion: 63 Resp: 44050

Ion Ratio Lower Upper

63 100

112 4.8 3.5 5.3



#38

Bromodichloromethane

Concen: 49.380 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

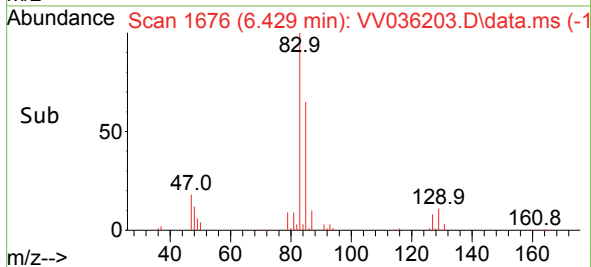
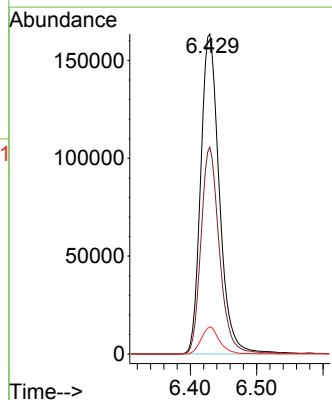
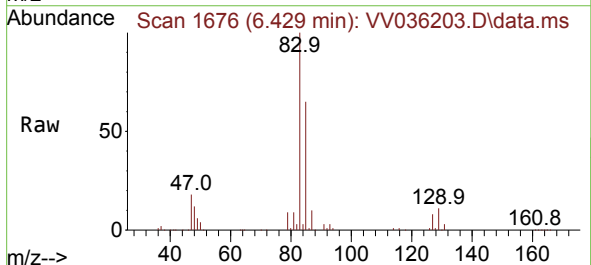
Tgt Ion: 83 Resp: 318849

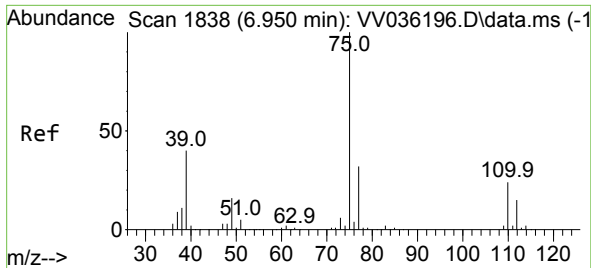
Ion Ratio Lower Upper

83 100

85 64.6 45.3 84.1

127 8.4 6.7 10.1

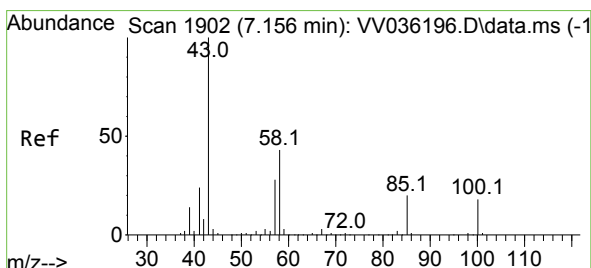
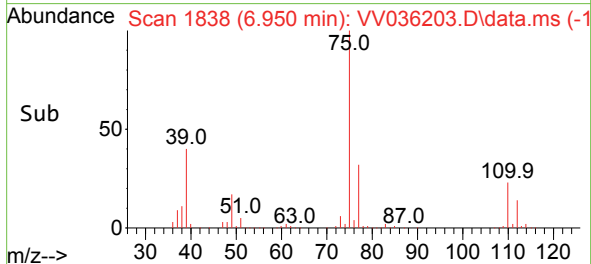
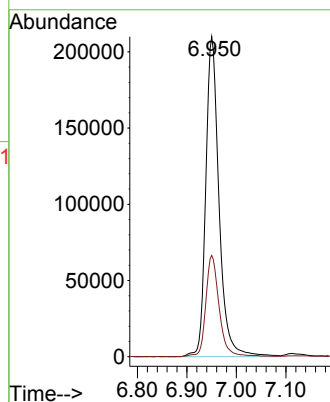
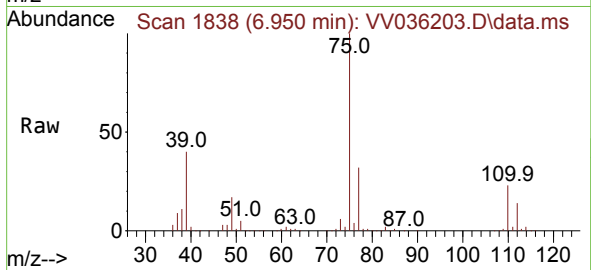




#39
 cis-1,3-Dichloropropene
 Concen: 53.558 ug/L
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VV036203.D
 Acq: 21 Jun 2024 13:46

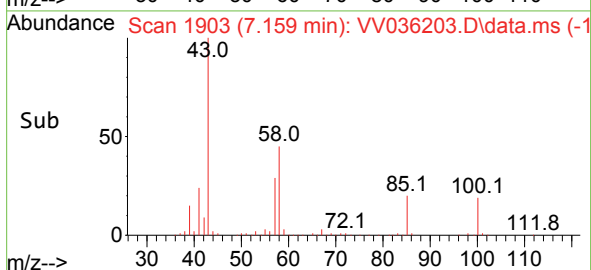
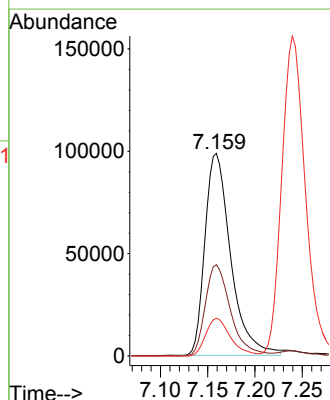
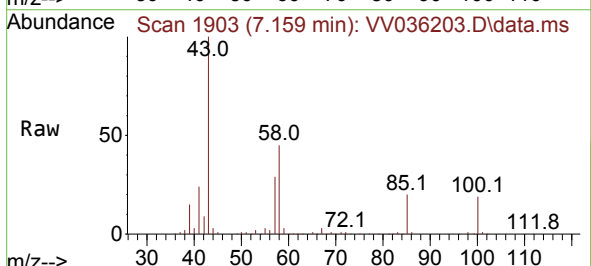
Instrument :
 MSVOA_V
 ClientSampleId :

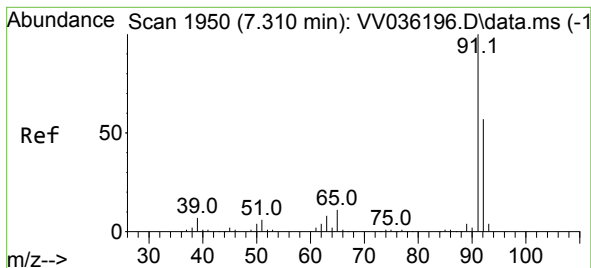
Tgt Ion: 75 Resp: 390789
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.1 41.1



#40
 4-Methyl-2-pentanone
 Concen: 70.755 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV036203.D
 Acq: 21 Jun 2024 13:46

Tgt Ion: 43 Resp: 187533
 Ion Ratio Lower Upper
 43 100
 58 44.1 32.5 48.7
 100 17.9 12.5 18.7





#42

Toluene

Concen: 21.943 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

Instrument :

MSVOA_V

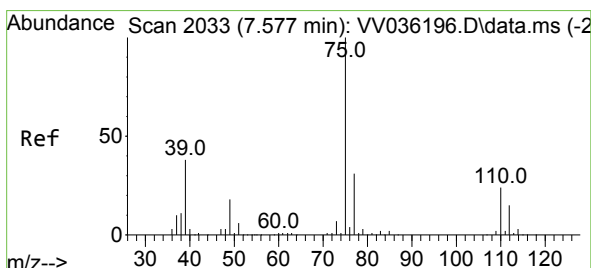
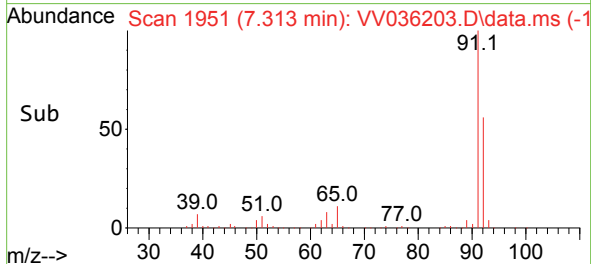
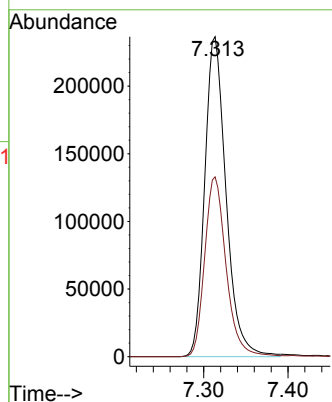
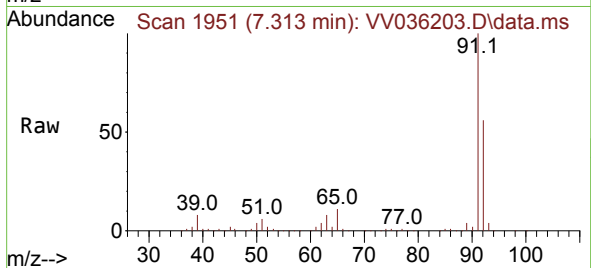
ClientSampleId :

Tgt Ion: 91 Resp: 416564

Ion Ratio Lower Upper

91 100

92 56.2 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 31.827 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036203.D

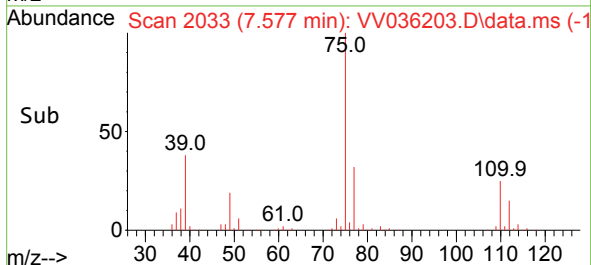
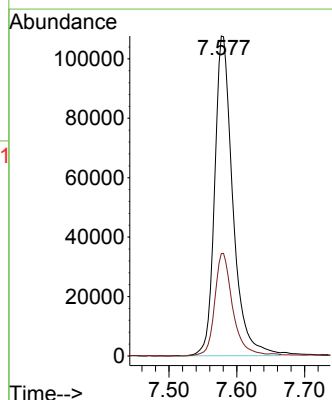
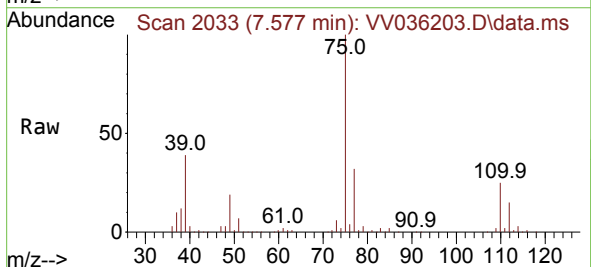
Acq: 21 Jun 2024 13:46

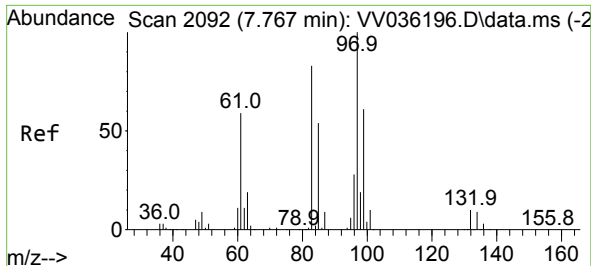
Tgt Ion: 75 Resp: 200585

Ion Ratio Lower Upper

75 100

77 32.0 23.1 42.9

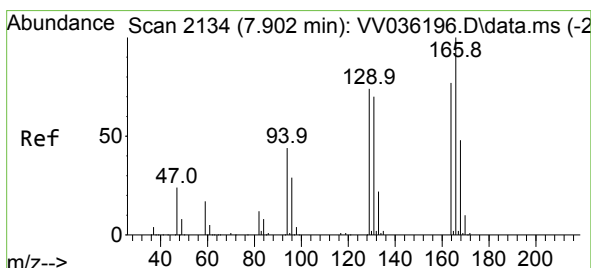
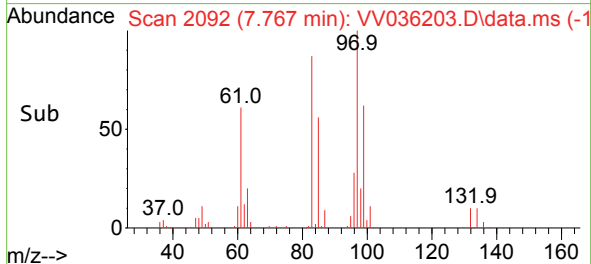
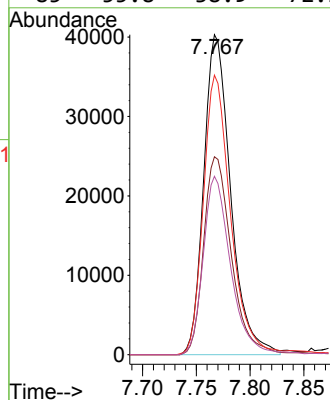
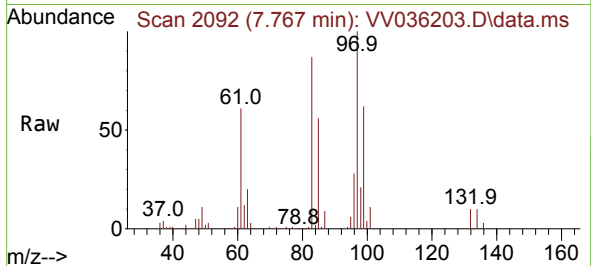




#45
1,1,2-Trichloroethane
Concen: 17.424 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

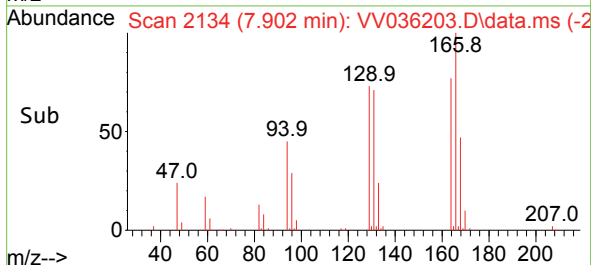
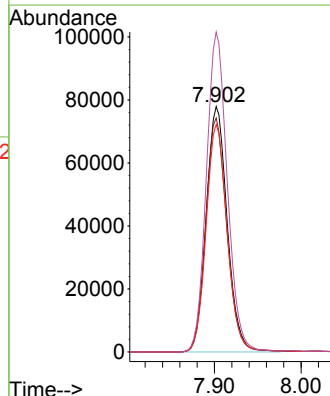
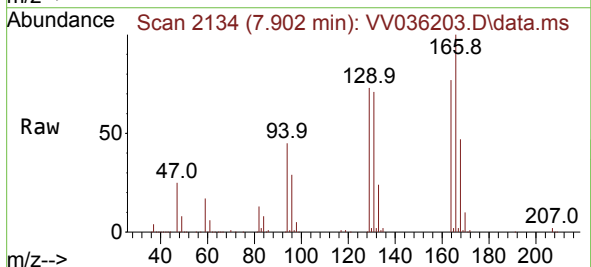
Instrument :
MSVOA_V
ClientSampleId :

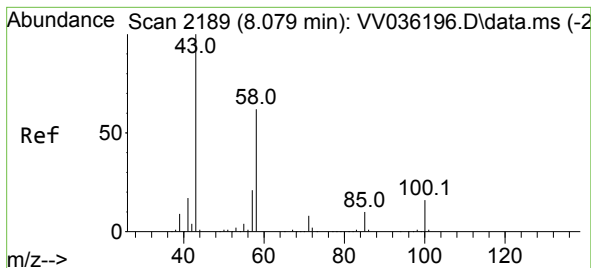
Tgt Ion: 97	Resp: 70332
Ion Ratio	Lower Upper
97 100	
99 61.8	43.3 80.5
83 87.4	60.1 111.7
85 55.8	38.9 72.3



#46
Tetrachloroethene
Concen: 31.655 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

Tgt	Ion:164	Resp:	131829
Ion	Ratio	Lower	Upper
164	100		
129	95.3	64.6	120.0
131	92.6	63.2	117.4
166	130.3	89.5	166.3





#48

2-Hexanone

Concen: 79.836 ug/L

RT: 8.075 min Scan# 2189

Delta R.T. -0.003 min

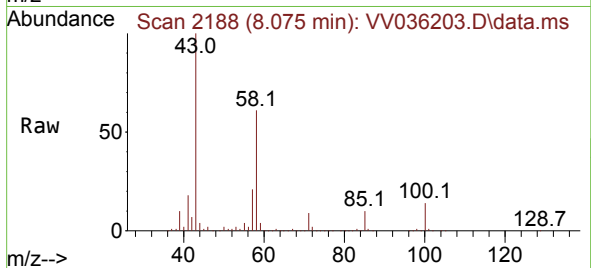
Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 165427

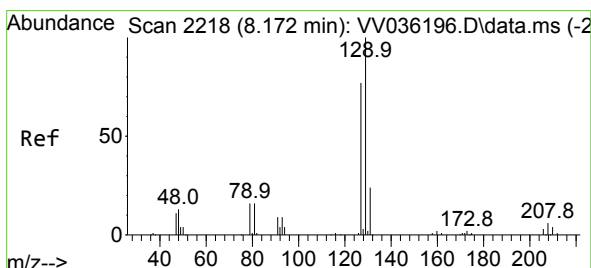
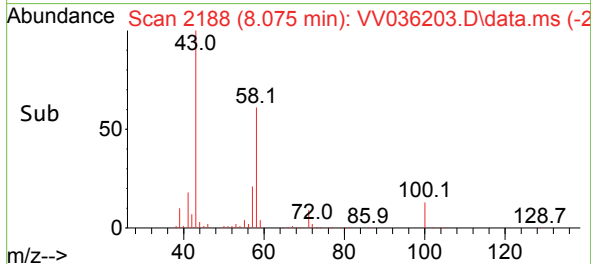
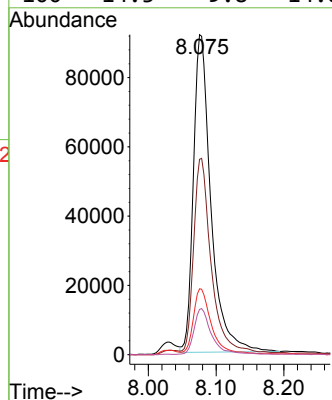
Ion Ratio Lower Upper

43 100

58 60.4 45.4 68.0

57 21.3 15.8 23.8

100 14.3 9.8 14.8



#49

Dibromochloromethane

Concen: 57.202 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV036203.D

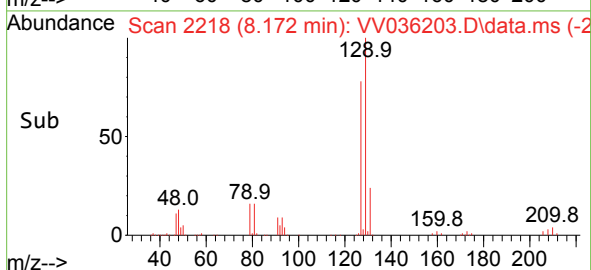
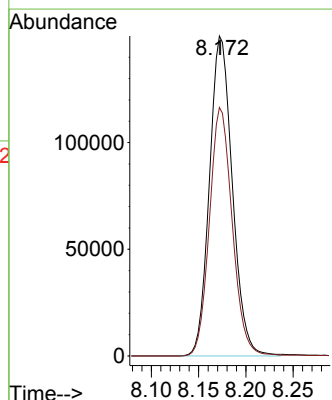
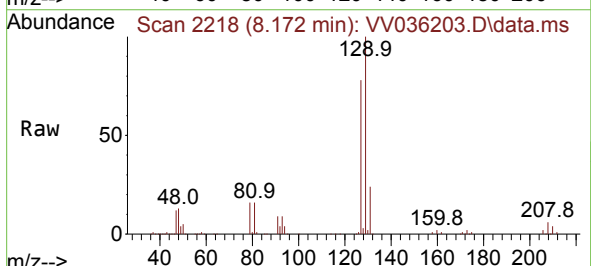
Acq: 21 Jun 2024 13:46

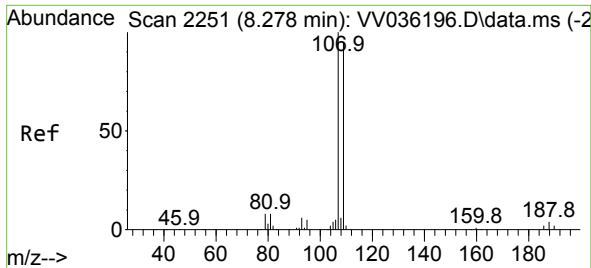
Tgt Ion: 129 Resp: 252702

Ion Ratio Lower Upper

129 100

127 77.6 53.9 100.1

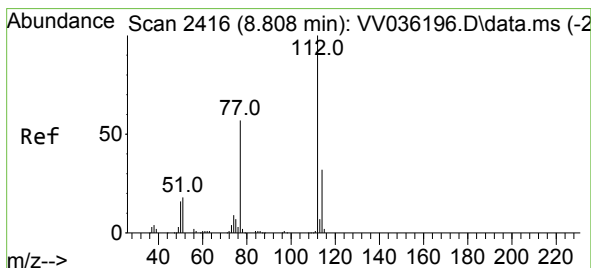
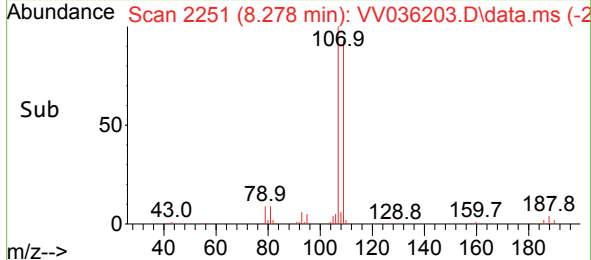
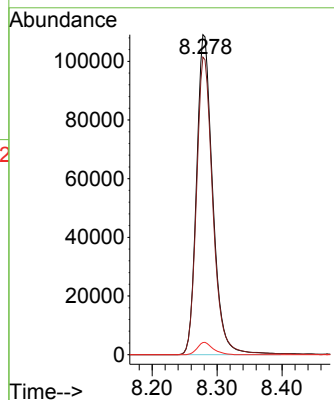
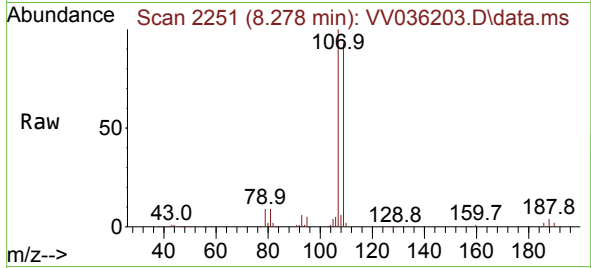




#50
1,2-Dibromoethane
Concen: 48.875 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

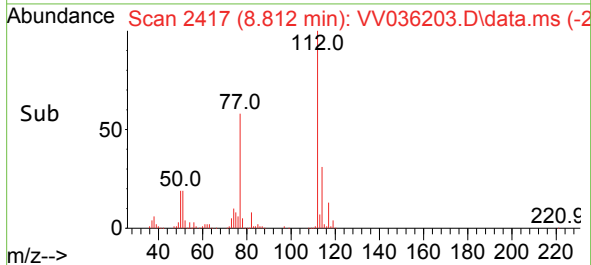
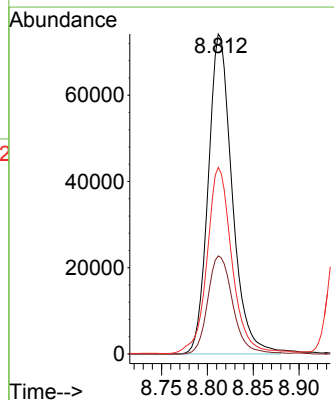
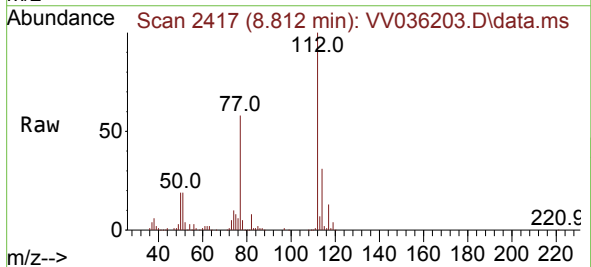
Instrument :
MSVOA_V
ClientSampleId :

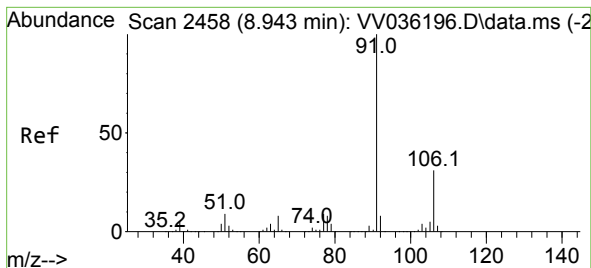
Tgt Ion:107 Resp: 189299
Ion Ratio Lower Upper
107 100
109 93.0 66.1 122.7
188 3.8 3.0 4.6



#51
Chlorobenzene
Concen: 10.419 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

Tgt Ion:112 Resp: 134770
Ion Ratio Lower Upper
112 100
114 30.7 22.3 41.5
77 58.3 47.3 70.9





#52

Ethylbenzene

Concen: 27.120 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

Instrument :

MSVOA_V

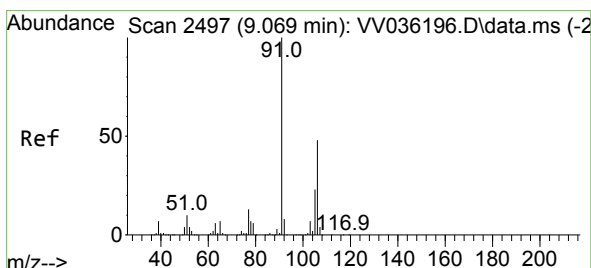
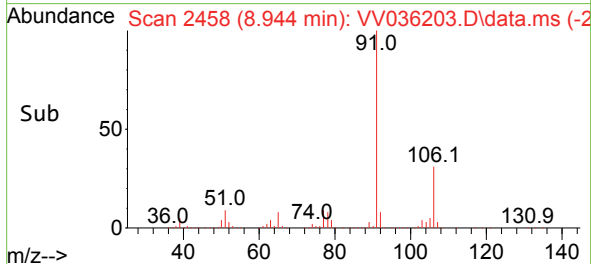
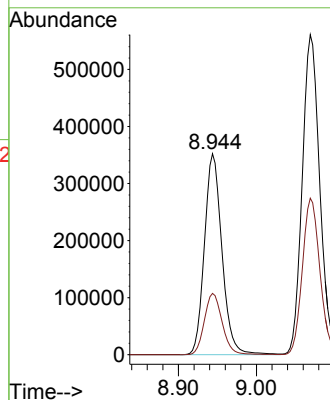
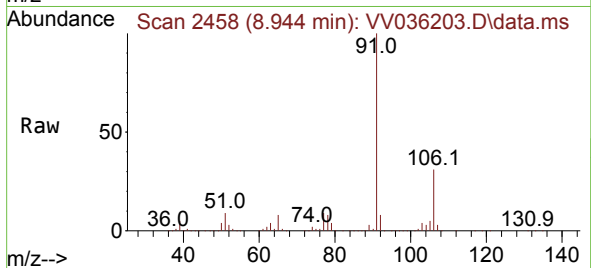
ClientSampleId :

Tgt Ion: 91 Resp: 550835

Ion Ratio Lower Upper

91 100

106 30.5 21.6 40.0



#53

m,p-Xylene

Concen: 56.575 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV036203.D

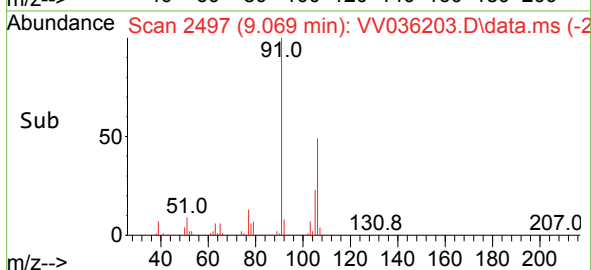
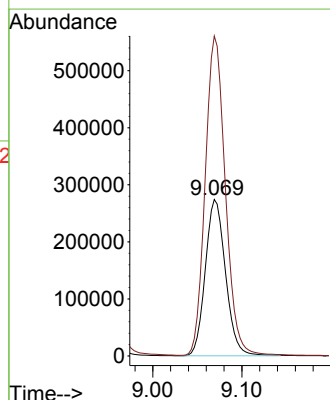
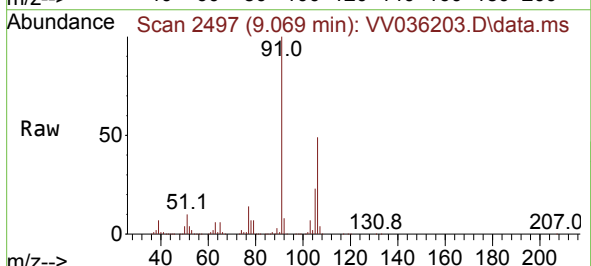
Acq: 21 Jun 2024 13:46

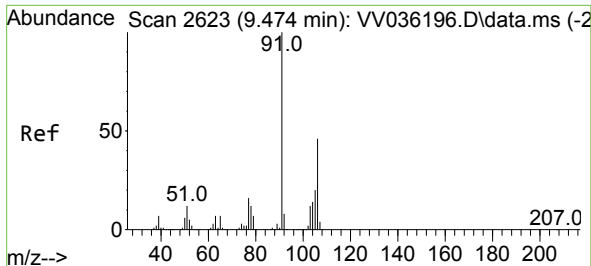
Tgt Ion: 106 Resp: 431776

Ion Ratio Lower Upper

106 100

91 204.4 143.1 265.9

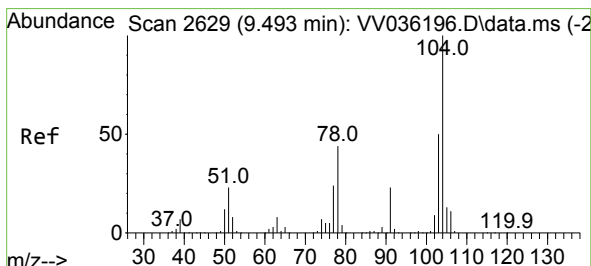
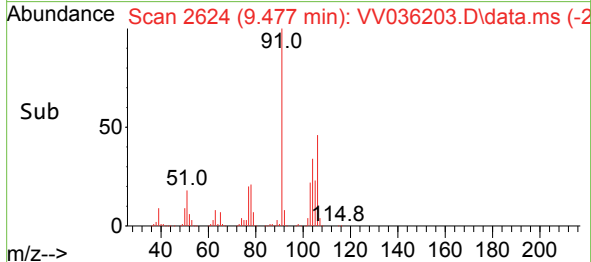
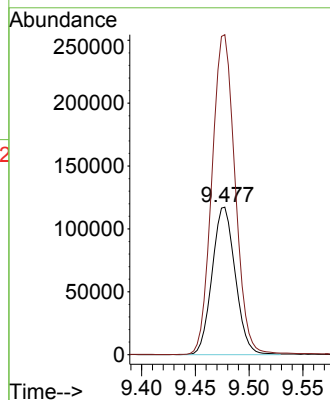
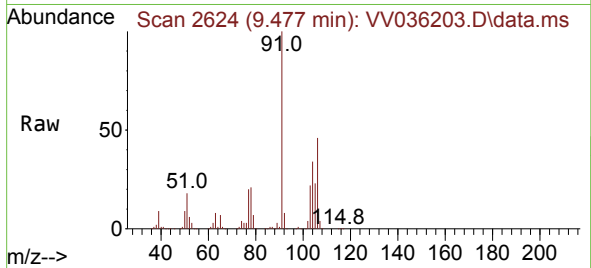




#54
o-Xylene
Concen: 24.428 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

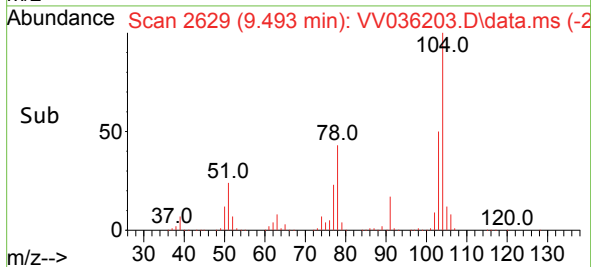
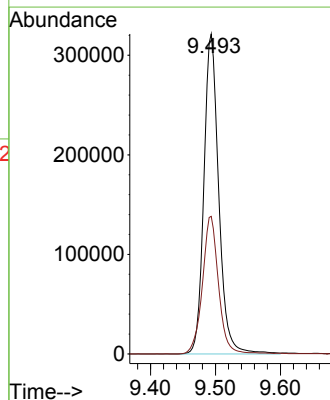
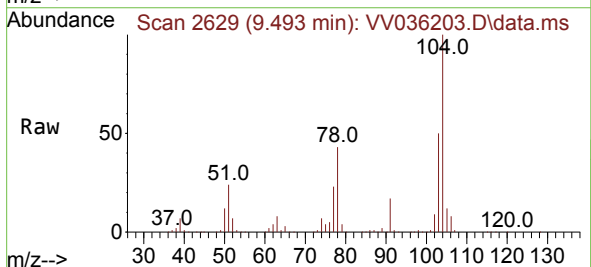
Instrument :
MSVOA_V
ClientSampleId :

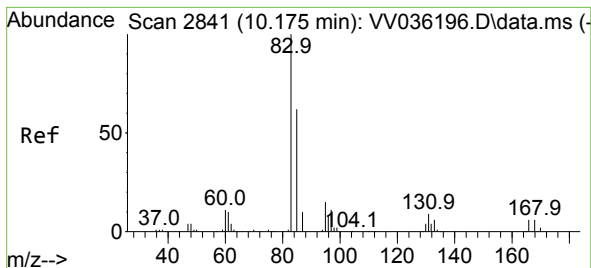
Tgt Ion:106 Resp: 175812
Ion Ratio Lower Upper
106 100
91 217.0 154.5 286.9



#55
Styrene
Concen: 40.399 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

Tgt Ion:104 Resp: 512731
Ion Ratio Lower Upper
104 100
78 43.0 31.4 58.2

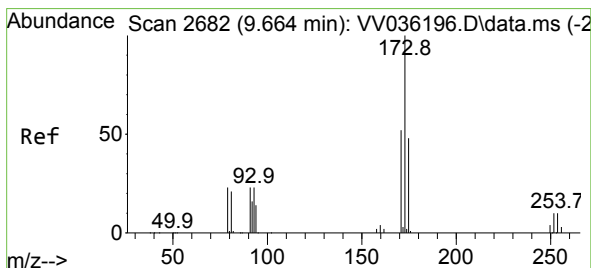
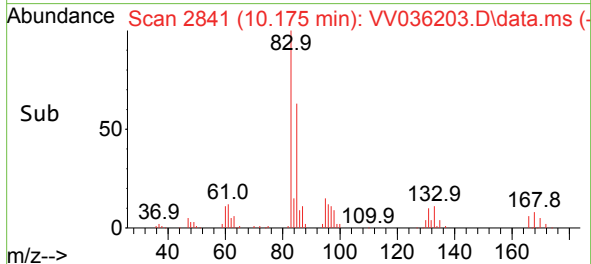
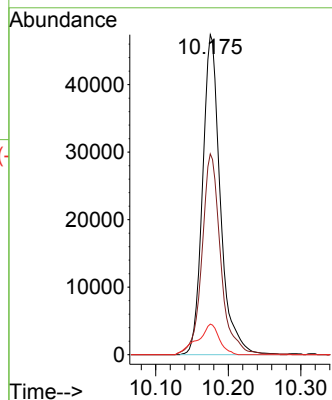
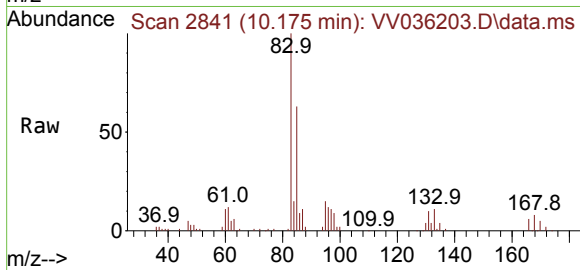




#57
1,1,2,2-Tetrachloroethane
Concen: 22.297 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

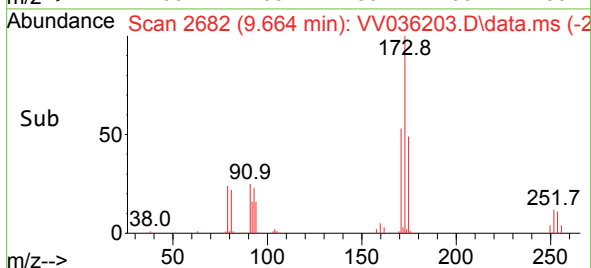
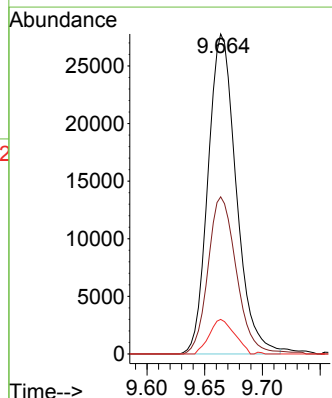
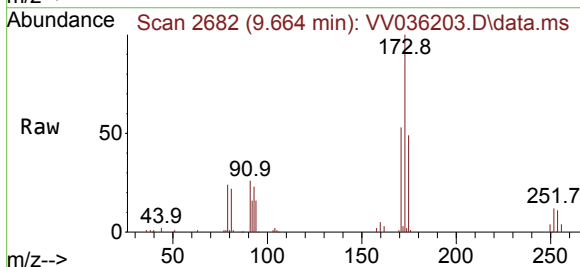
Instrument :
MSVOA_V
ClientSampleId :

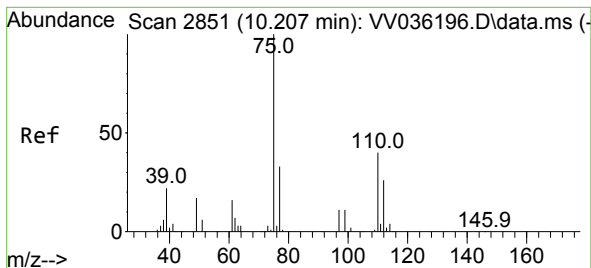
Tgt Ion: 83 Resp: 80590
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7
131 9.5 7.6 11.4



#59
Bromoform
Concen: 16.350 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.003 min
Lab File: VV036203.D
Acq: 21 Jun 2024 13:46

Tgt Ion: 173 Resp: 47157
Ion Ratio Lower Upper
173 100
175 49.6 39.0 58.6
254 9.6 8.6 13.0





#61

1,2,3-Trichloropropane

Concen: 38.148 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

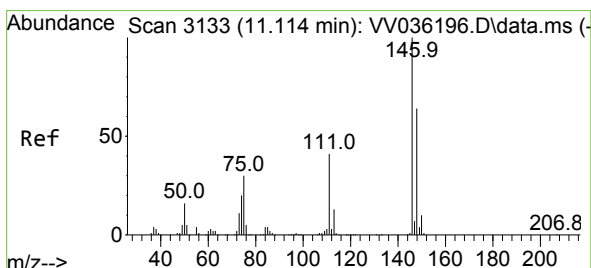
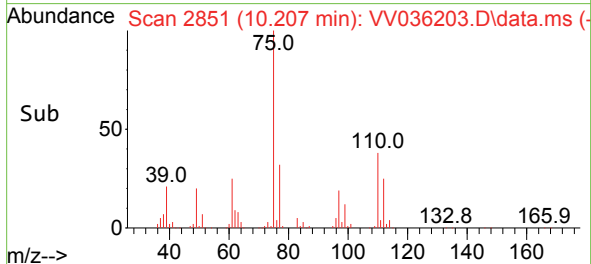
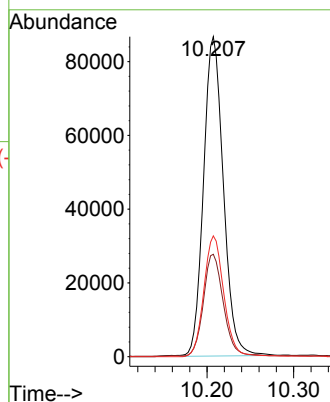
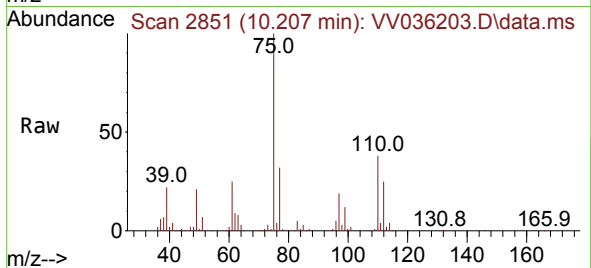
Tgt Ion: 75 Resp: 137988

Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0

110 38.0 32.2 48.4



#64

1,3-Dichlorobenzene

Concen: 54.709 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

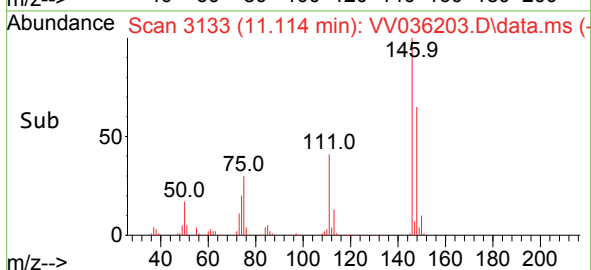
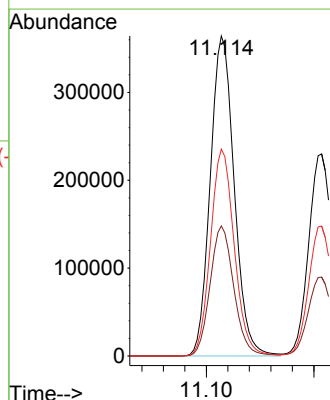
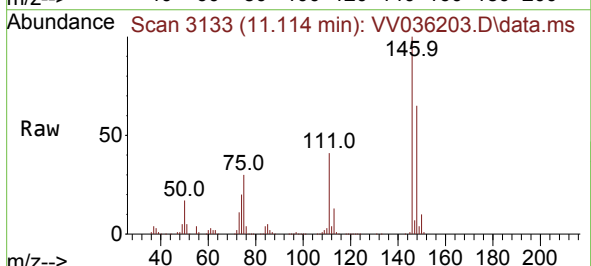
Tgt Ion: 146 Resp: 563749

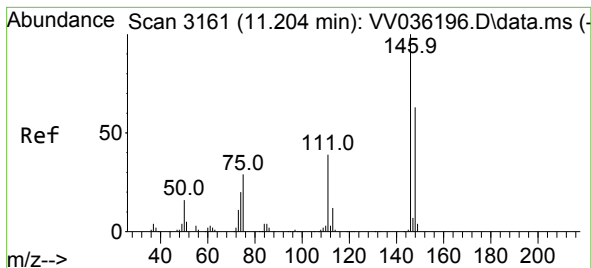
Ion Ratio Lower Upper

146 100

111 40.6 28.1 52.1

148 64.7 44.7 83.1





#65

1,4-Dichlorobenzene

Concen: 34.544 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

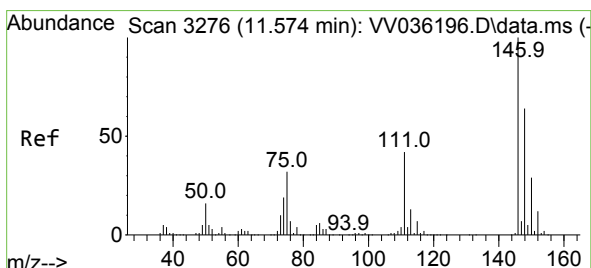
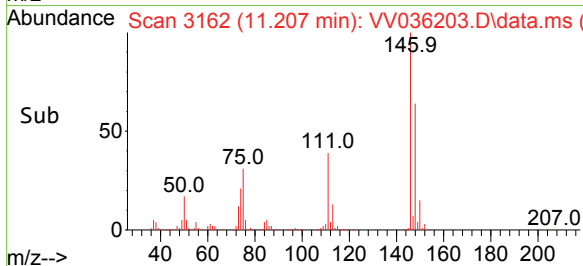
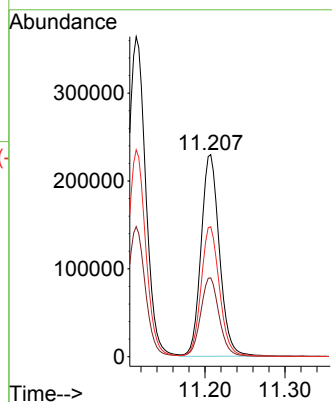
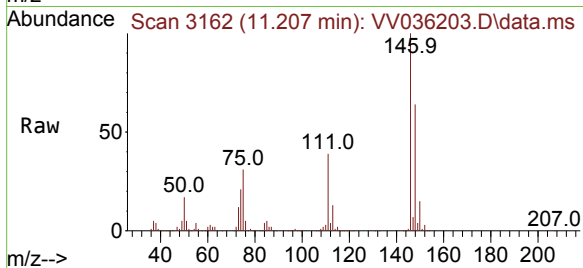
Tgt Ion:146 Resp: 367411

Ion Ratio Lower Upper

146 100

111 39.0 26.9 50.1

148 64.3 44.5 82.7



#67

1,2-Dichlorobenzene

Concen: 18.153 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

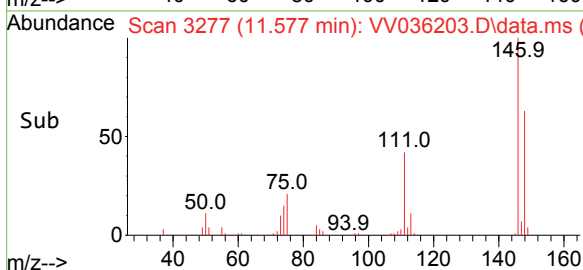
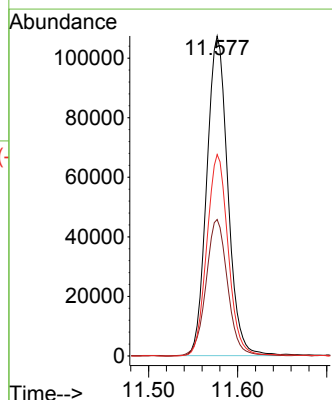
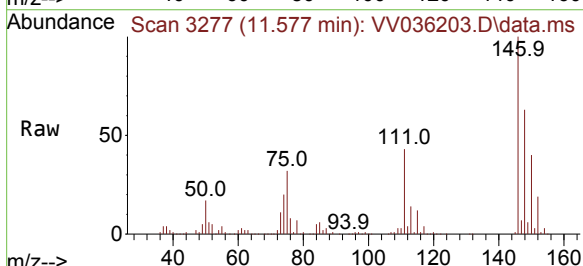
Tgt Ion:146 Resp: 176029

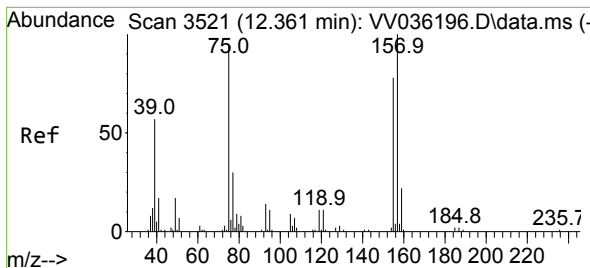
Ion Ratio Lower Upper

146 100

111 42.7 33.5 50.3

148 63.0 50.9 76.3

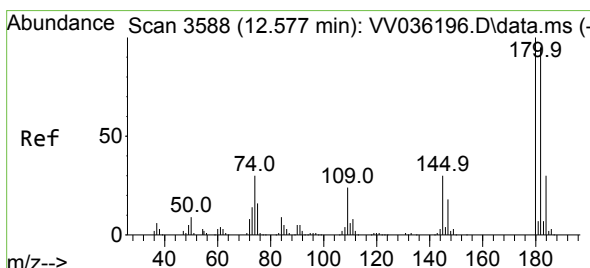
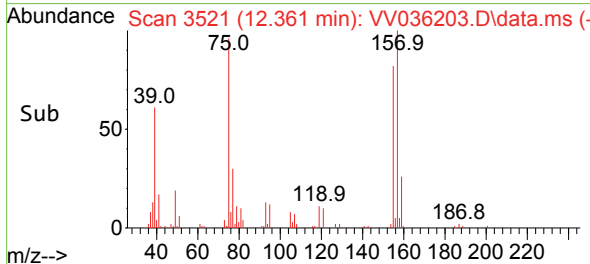
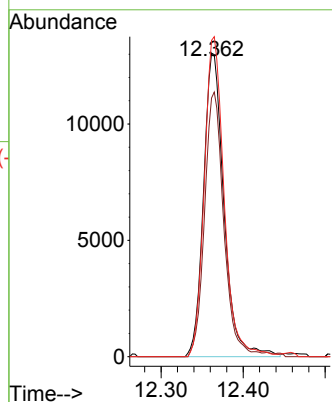
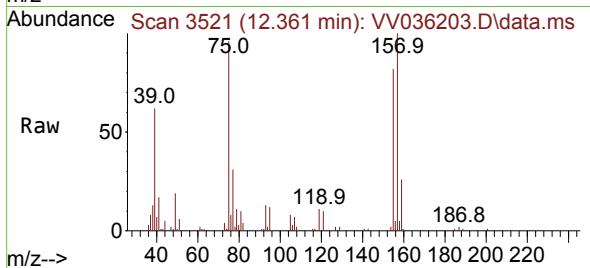




#68
 1,2-Dibromo-3-chloropropane
 Concen: 27.908 ug/L
 RT: 12.361 min Scan# 3521
 Delta R.T. 0.000 min
 Lab File: VV036203.D
 Acq: 21 Jun 2024 13:46

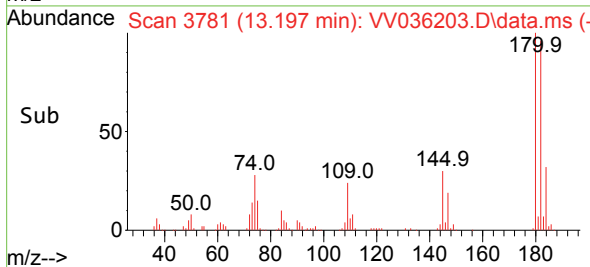
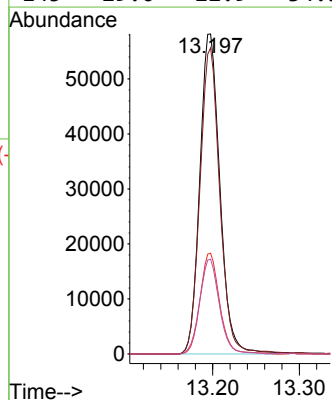
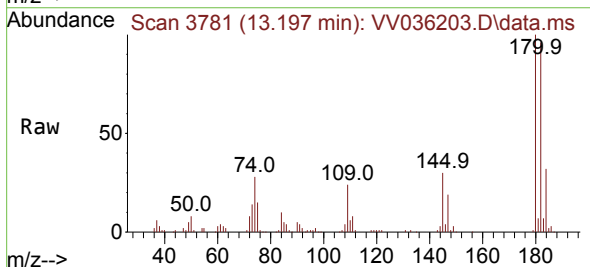
Instrument :
 MSVOA_V
 ClientSampleId :

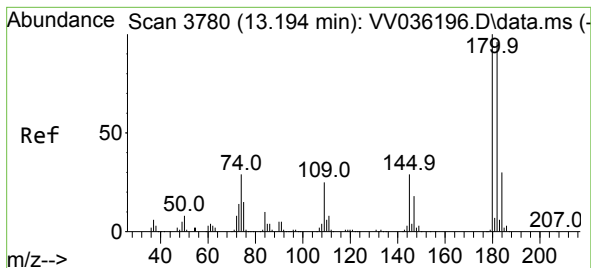
Tgt Ion: 75 Resp: 22574
 Ion Ratio Lower Upper
 75 100
 155 85.2 63.3 94.9
 157 104.2 82.4 123.6



#69
 1,3,5-Trichlorobenzene
 Concen: 12.165 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.617 min
 Lab File: VV036203.D
 Acq: 21 Jun 2024 13:46

Tgt Ion:180 Resp: 93768
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.2 114.4
 184 30.4 24.2 36.2
 145 29.0 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 15.450 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

Instrument :

MSVOA_V

ClientSampleId :

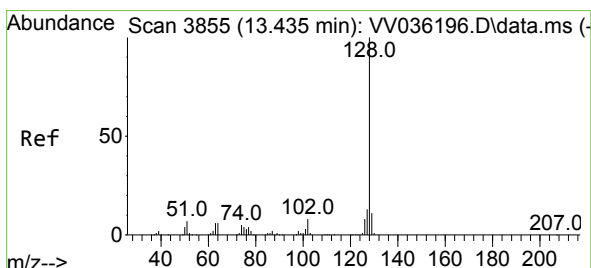
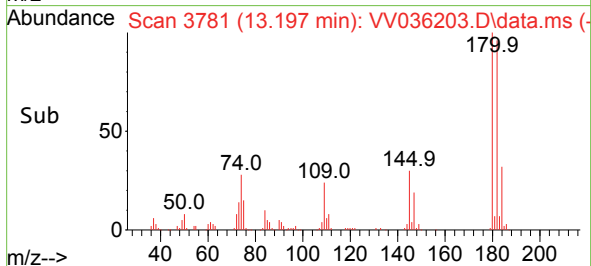
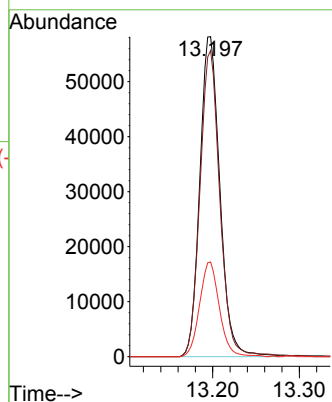
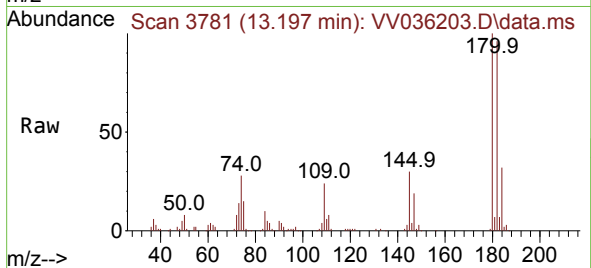
Tgt Ion:180 Resp: 93768

Ion Ratio Lower Upper

180 100

182 93.3 76.1 114.1

145 29.0 23.5 35.3



#71

Naphthalene

Concen: 53.452 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV036203.D

Acq: 21 Jun 2024 13:46

Tgt Ion:128 Resp: 529403

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.8 13.2

