

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041524\
 Data File : VV035197.D
 Acq On : 15 Apr 2024 13:30
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 15 23:59:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 15 23:57:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	208291	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	210455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	111815	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	207178	15.071	ug/L	0.00
7) Chloroethane-d5	1.535	69	161460	13.863	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	86677	14.064	ug/L	0.00
20) 2-Butanone-d5	3.809	46	309555	97.529	ug/L	0.00
24) Chloroform-d	4.246	84	330806	12.830	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	158294	12.302	ug/L	0.00
32) Benzene-d6	4.960	84	658443	13.033	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	202963	13.400	ug/L	0.00
41) Toluene-d8	7.239	98	610181	13.316	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	79317	14.208	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	343716	117.585	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	156867	13.141	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	208550	11.790	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	206778	14.154	ug/L	99
3) Chloromethane	1.217	50	234349	13.718	ug/L	99
5) Vinyl chloride	1.285	62	236851	14.024	ug/L	99
6) Bromomethane	1.490	94	136350	14.298	ug/L	99
8) Chloroethane	1.551	64	145793	12.485	ug/L	99
9) Trichlorofluoromethane	1.715	101	280403	10.918	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	171196	12.010	ug/L	100
12) 1,1-Dichloroethene	2.069	96	165422	12.134	ug/L	97
13) Acetone	2.140	43	195100	64.098	ug/L	81
14) Carbon disulfide	2.240	76	533981	13.965	ug/L	100
15) Methyl Acetate	2.384	43	59357	10.909	ug/L	98
16) Methylene chloride	2.445	84	185432	11.741	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	393310	11.550	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	170089	12.241	ug/L	99
19) 1,1-Dichloroethane	3.111	63	342167	12.648	ug/L	99
21) 2-Butanone	3.889	43	357049	103.214	ug/L #	82
22) cis-1,2-Dichloroethene	3.815	96	184608	12.286	ug/L	99
23) Bromochloromethane	4.146	128	79261	12.566	ug/L	93
25) Chloroform	4.275	83	329187	11.909	ug/L	100
27) 1,2-Dichloroethane	5.040	62	204075	12.279	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	274970	10.335	ug/L	99
30) Cyclohexane	4.580	56	282772	12.063	ug/L	98
31) Carbon tetrachloride	4.735	117	233072	10.157	ug/L	100
33) Benzene	5.008	78	719087	11.893	ug/L	100
34) Trichloroethene	5.831	95	183530	11.638	ug/L	99
35) Methylcyclohexane	6.050	83	291733	11.791	ug/L	99
37) 1,2-Dichloropropane	6.091	63	192153	12.670	ug/L	100
38) Bromodichloromethane	6.432	83	229217	11.311	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	274897	13.230	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1082276	120.130	ug/L	99
42) Toluene	7.313	91	758697	11.929	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	221692	13.056	ug/L	99

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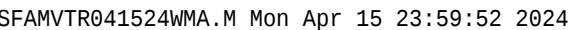
Quant Time: Apr 15 23:59:43 2024
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 15 23:57:40 2024
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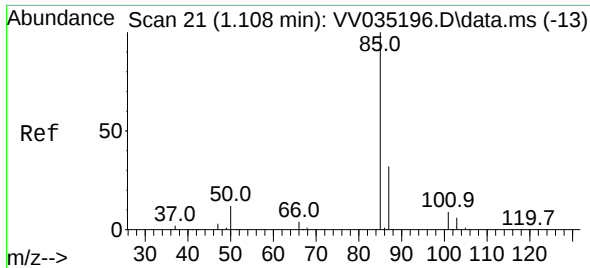
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.767	97	130184	12.648	ug/L	99
47) Tetrachloroethene	7.902	164	140324	11.366	ug/L	98
48) 2-Hexanone	8.075	43	794174	122.137	ug/L	99
49) Dibromochloromethane	8.175	129	134116	11.516	ug/L	98
50) 1,2-Dibromoethane	8.281	107	123499	12.842	ug/L	94
51) Chlorobenzene	8.812	112	472415	11.567	ug/L	98
52) Ethylbenzene	8.943	91	826535	11.739	ug/L	100
53) m,p-Xylene	9.072	106	308137	11.769	ug/L	100
54) o-Xylene	9.477	106	296476	11.455	ug/L	98
55) Styrene	9.493	104	528430	12.476	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	160902	12.898	ug/L	100
59) Bromoform	9.664	173	68794	11.707	ug/L	100
60) Isopropylbenzene	9.866	105	803684	11.703	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	114360	12.555	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	664382	11.300	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	672446	11.379	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	381304	11.381	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	383472	11.480	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	350835	11.178	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	24377	11.146	ug/L	91
69) 1,3,5-Trichlorobenzene	12.580	180	291948	11.331	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	240592	10.987	ug/L	100
71) Naphthalene	13.438	128	375031	10.513	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	220497	11.157	ug/L	100

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

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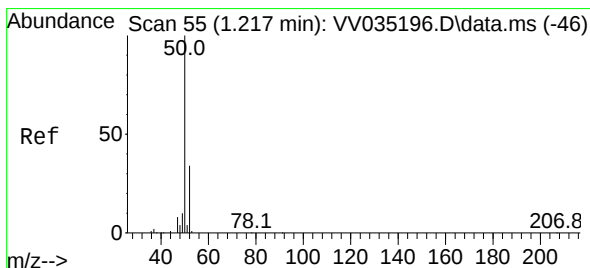
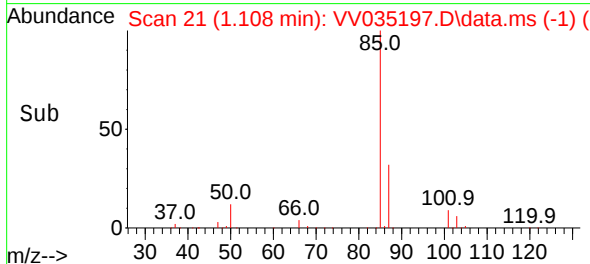
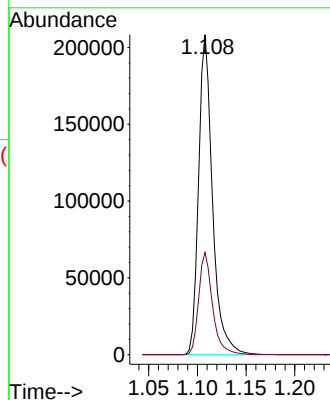
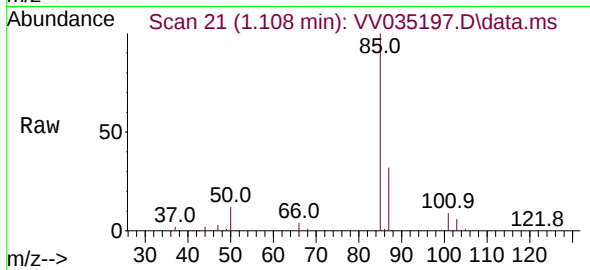




#2
 Dichlorodifluoromethane
 Concen: 14.154 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035197.D
 Acq: 15 Apr 2024 13:30

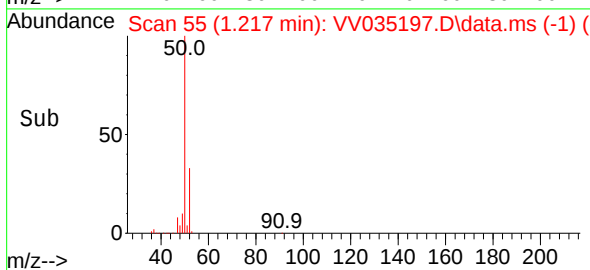
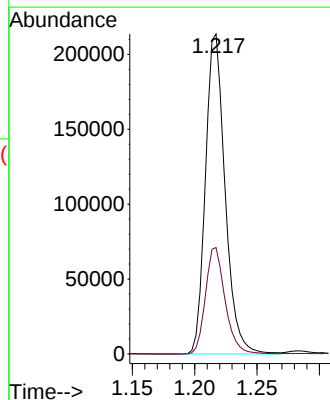
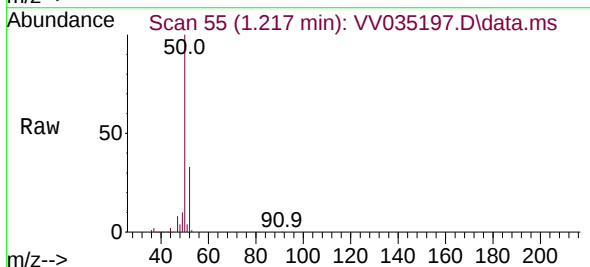
Instrument :
 MSVOA_V
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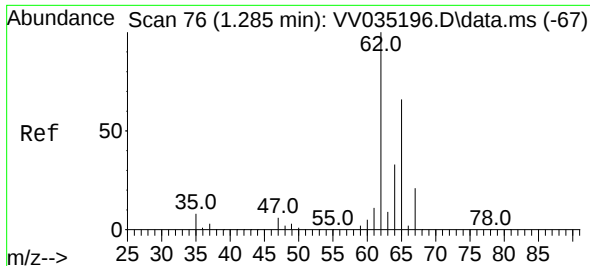
Tgt Ion: 85 Resp: 206778
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.6



#3
 Chloromethane
 Concen: 13.718 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV035197.D
 Acq: 15 Apr 2024 13:30

Tgt Ion: 50 Resp: 234349
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.7 43.9

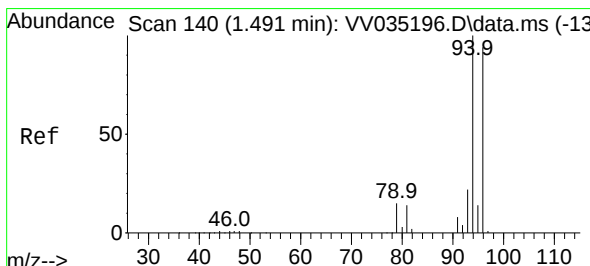
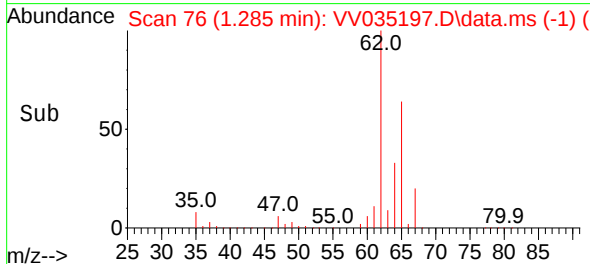
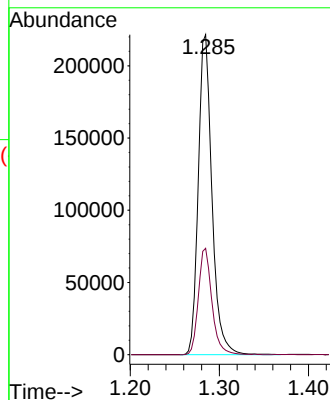
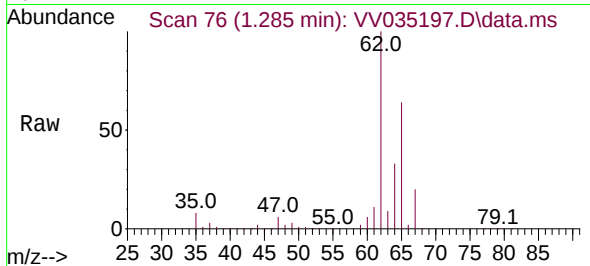




#5
 Vinyl chloride
 Concen: 14.024 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV035197.D
 Acq: 15 Apr 2024 13:30

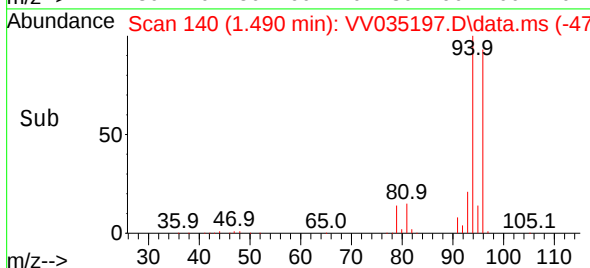
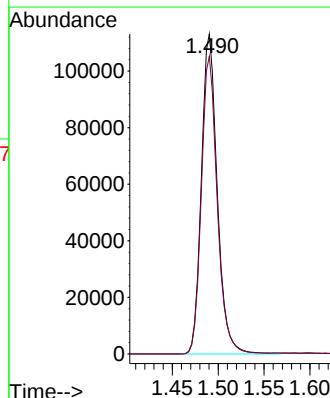
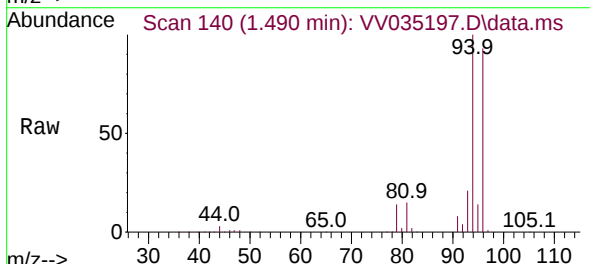
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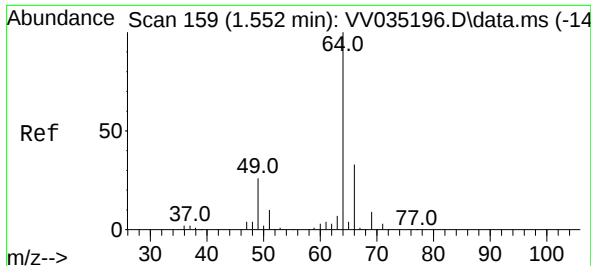
Tgt Ion: 62 Resp: 236851
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.8 42.4



#6
 Bromomethane
 Concen: 14.298 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV035197.D
 Acq: 15 Apr 2024 13:30

Tgt Ion: 94 Resp: 136350
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.7 122.1

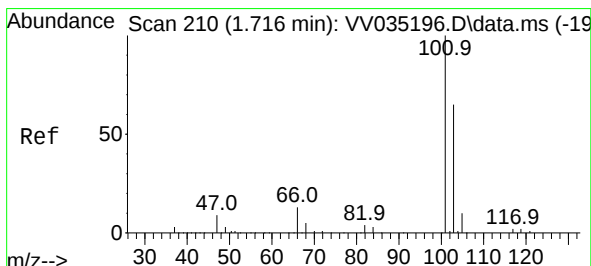
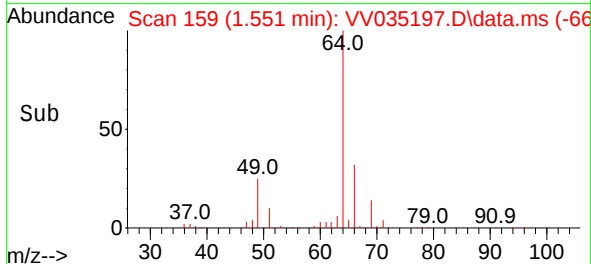
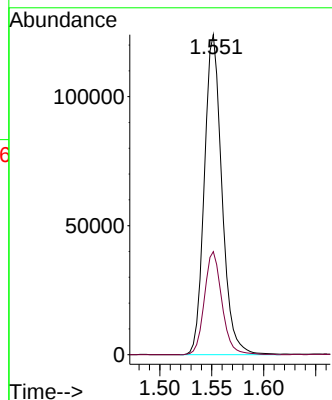
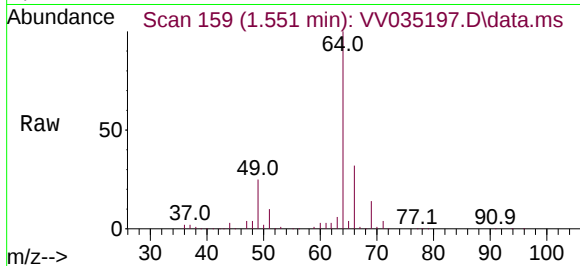




#8
Chloroethane
Concen: 12.485 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

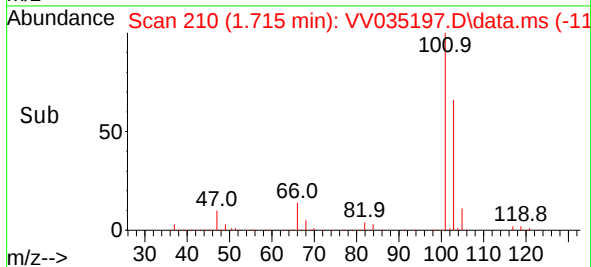
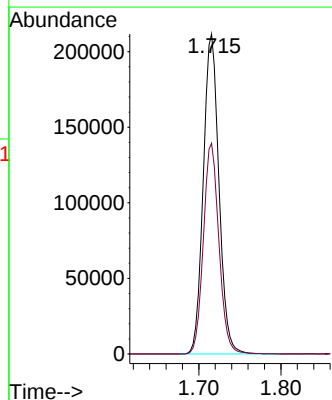
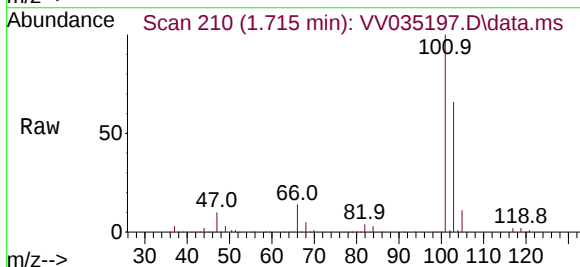
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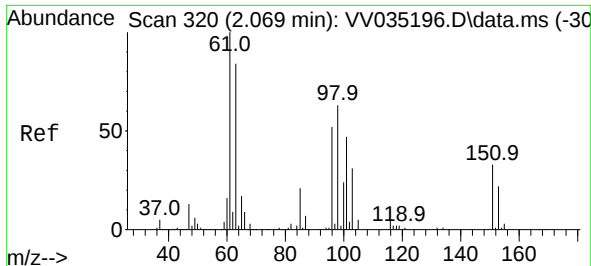
Tgt Ion: 64 Resp: 145793
Ion Ratio Lower Upper
64 100
66 32.2 23.0 42.6



#9
Trichlorofluoromethane
Concen: 10.918 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

Tgt Ion:101 Resp: 280403
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

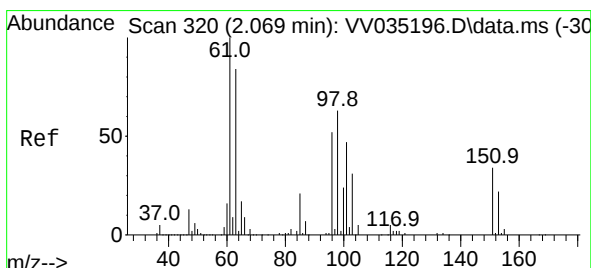
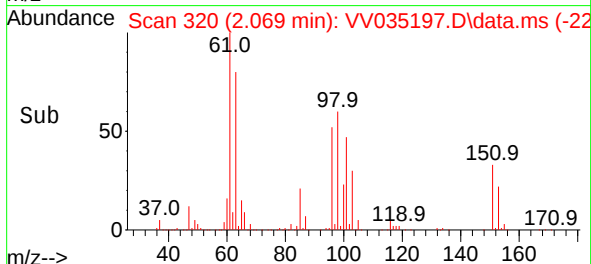
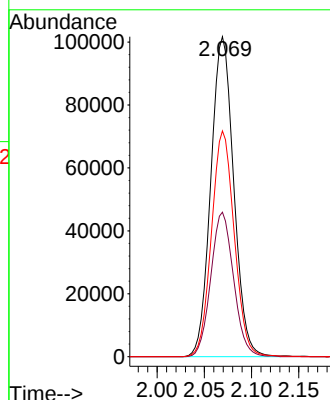
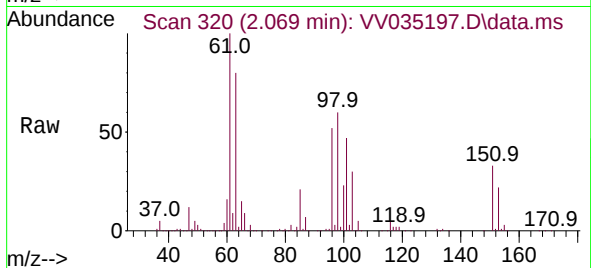




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.010 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV035197.D
 Acq: 15 Apr 2024 13:30

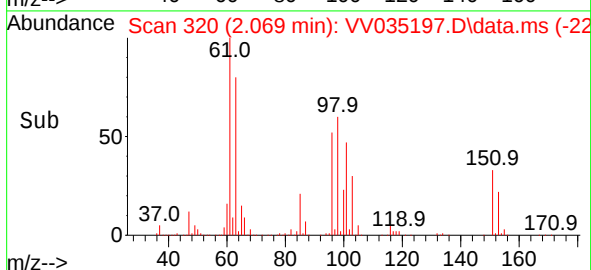
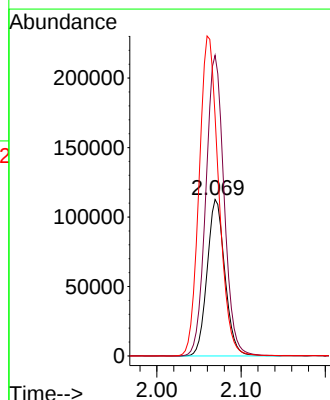
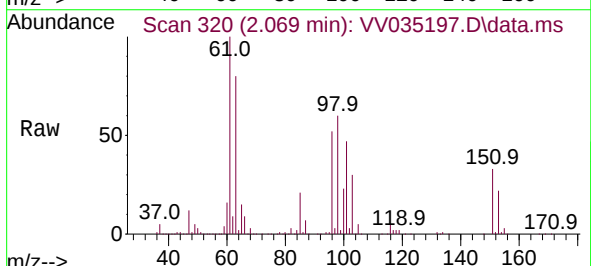
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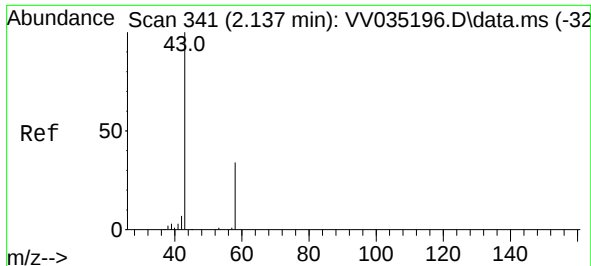
Tgt Ion:101 Resp: 171196
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.8 53.6
 151 70.3 56.2 84.2



#12
 1,1-Dichloroethene
 Concen: 12.134 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV035197.D
 Acq: 15 Apr 2024 13:30

Tgt Ion: 96 Resp: 165422
 Ion Ratio Lower Upper
 96 100
 61 192.1 133.5 247.9
 63 153.2 112.5 208.9





#13

Acetone

Concen: 64.098 ug/L

RT: 2.140 min Scan# 341

Delta R.T. 0.003 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

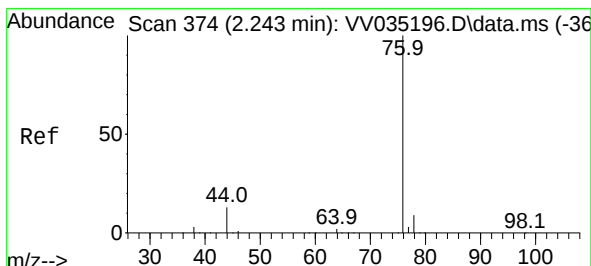
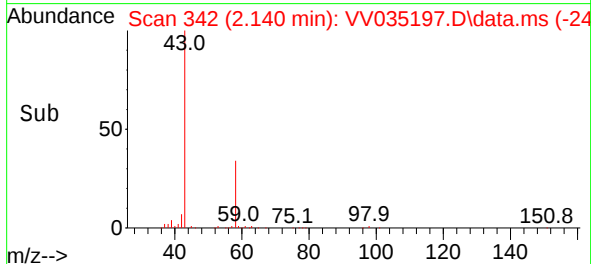
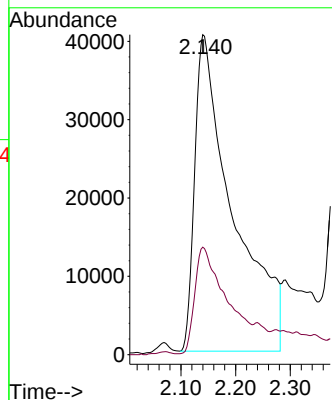
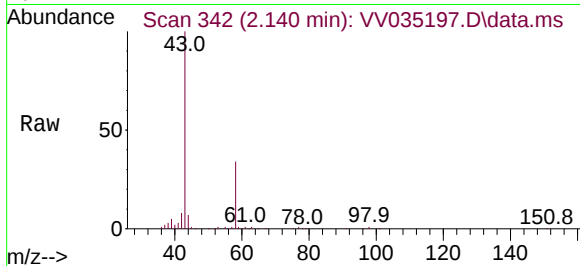
ClientSampleId :

Tgt Ion: 43 Resp: 195100

Ion Ratio Lower Upper

43 100

58 28.1 0.0 39.2



#14

Carbon disulfide

Concen: 13.965 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV035197.D

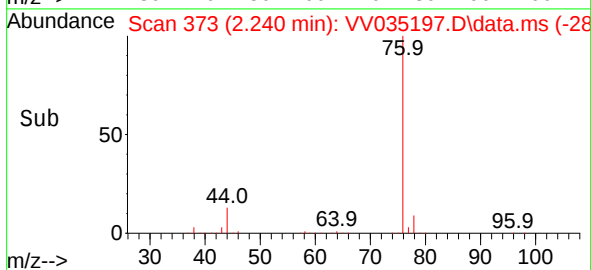
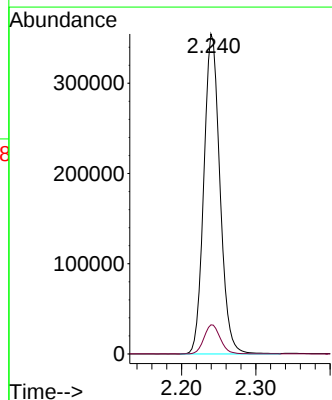
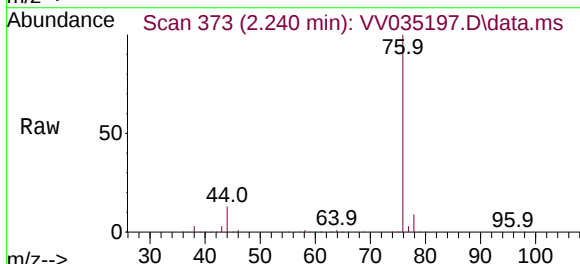
Acq: 15 Apr 2024 13:30

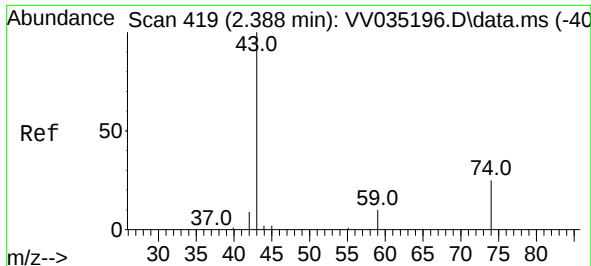
Tgt Ion: 76 Resp: 533981

Ion Ratio Lower Upper

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78 9.1 7.2 10.8

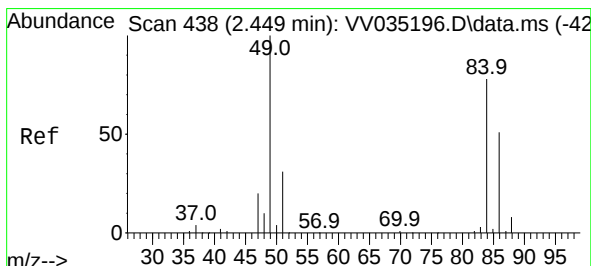
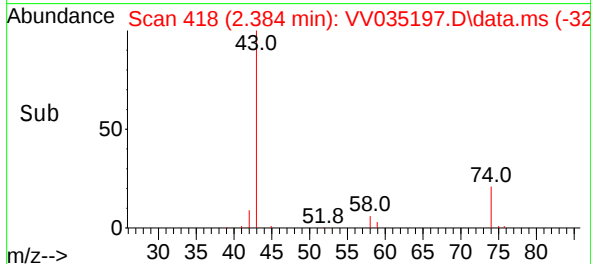
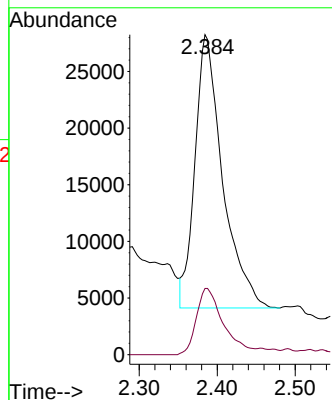
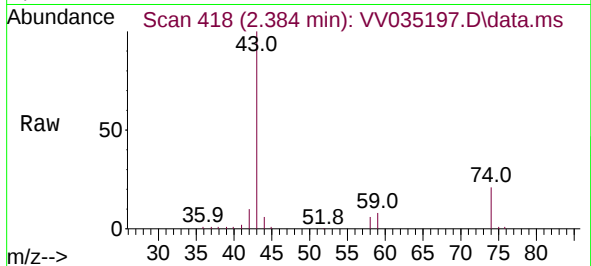




#15
Methyl Acetate
Concen: 10.909 ug/L
RT: 2.384 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

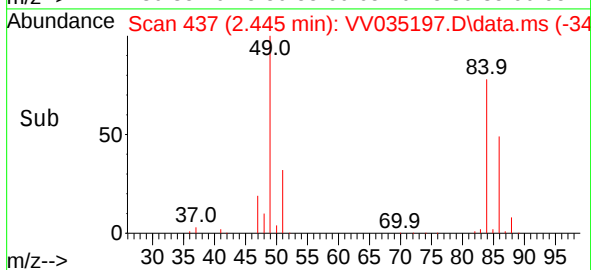
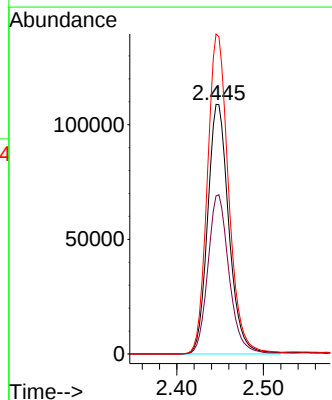
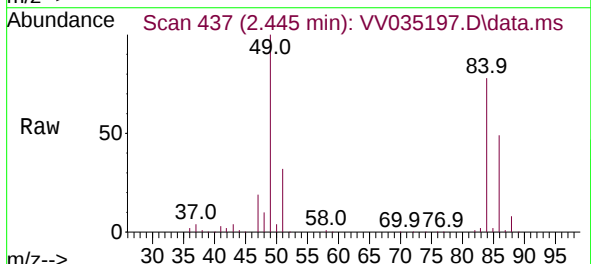
Instrument :
MSVOA_V
ClientSampleId :

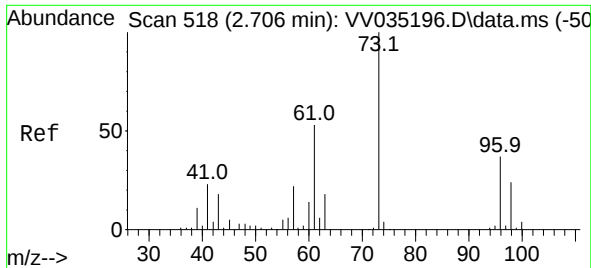
Tgt Ion: 43 Resp: 59357
Ion Ratio Lower Upper
43 100
74 23.8 18.3 27.5



#16
Methylene chloride
Concen: 11.741 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

Tgt Ion: 84 Resp: 185432
Ion Ratio Lower Upper
84 100
86 63.4 45.6 84.6
49 128.2 89.5 166.1





#17

Methyl tert-butyl Ether

Concen: 11.550 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :

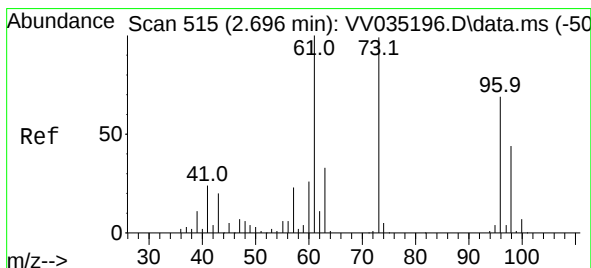
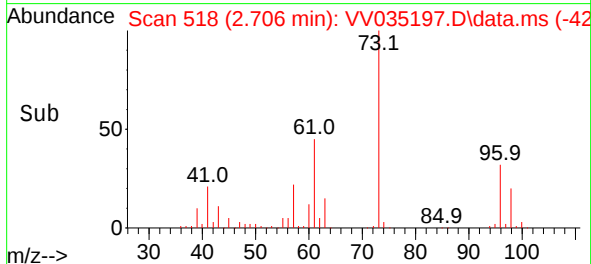
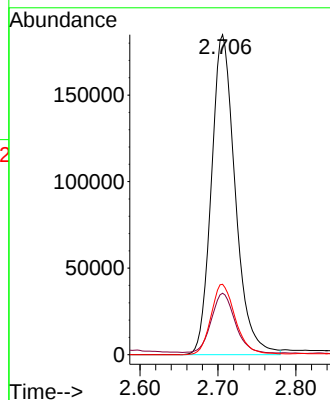
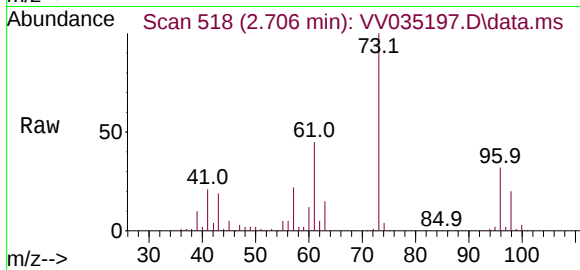
Tgt Ion: 73 Resp: 393310

Ion Ratio Lower Upper

73 100

43 18.6 15.7 23.5

57 22.6 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 12.241 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

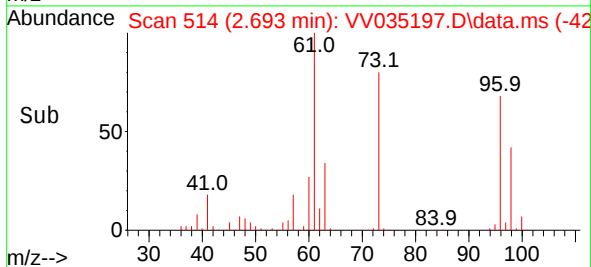
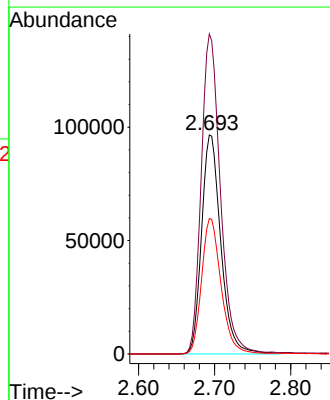
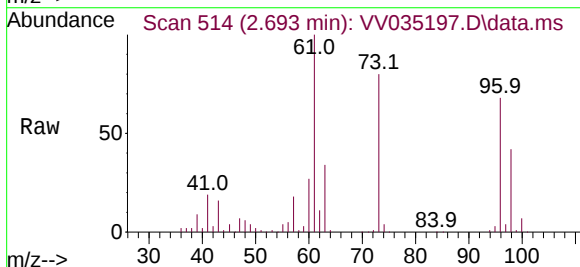
Tgt Ion: 96 Resp: 170089

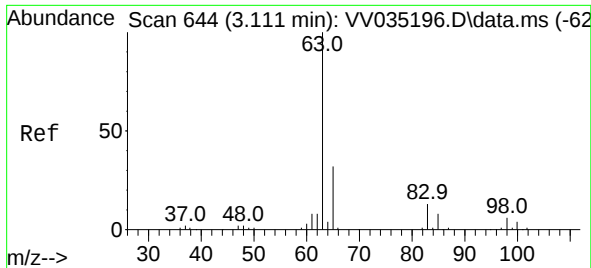
Ion Ratio Lower Upper

96 100

61 146.1 101.8 189.2

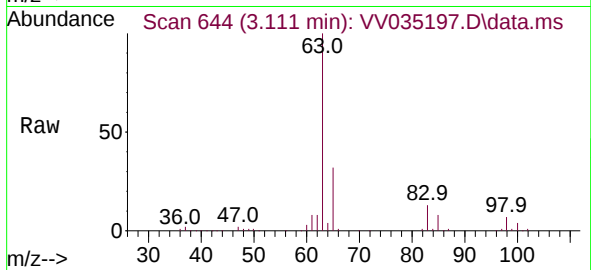
98 61.8 44.7 82.9



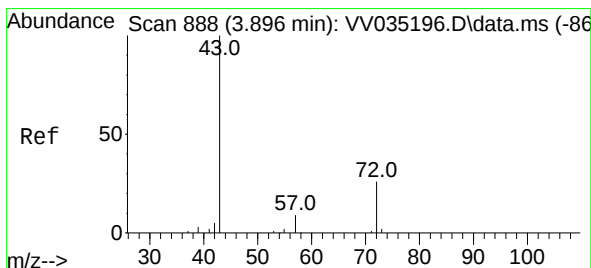
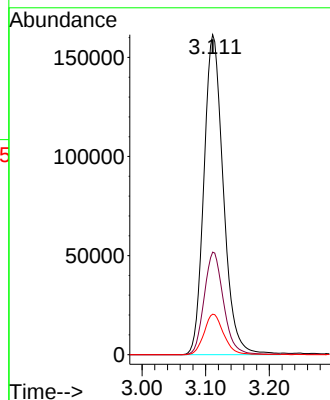
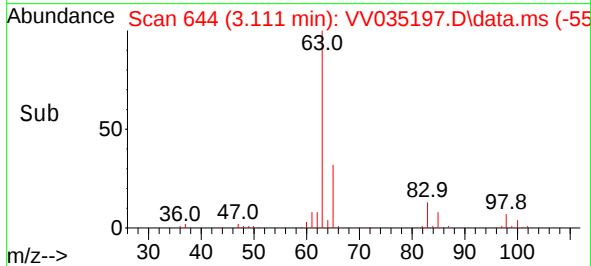


#19
1,1-Dichloroethane
Concen: 12.648 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

Instrument :
MSVOA_V
ClientSampleId :

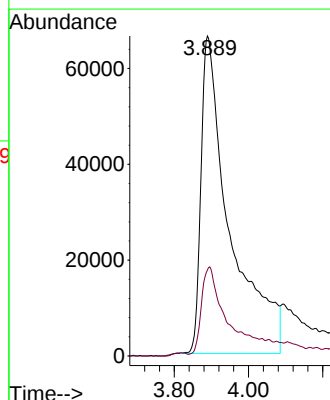
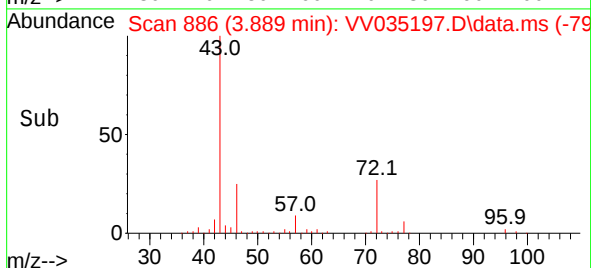
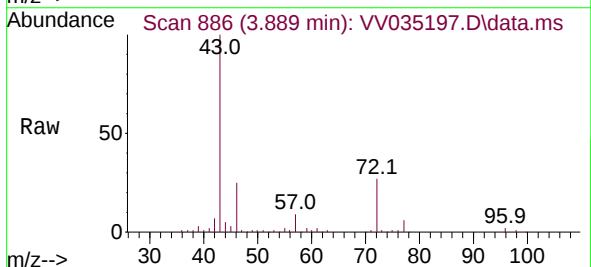


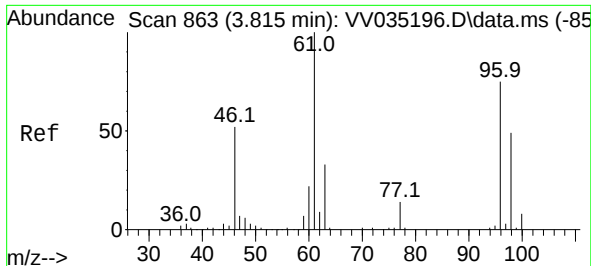
Tgt Ion: 63 Resp: 342167
Ion Ratio Lower Upper
63 100
65 32.0 22.2 41.2
83 12.7 9.4 17.4



#21
2-Butanone
Concen: 103.214 ug/L
RT: 3.889 min Scan# 886
Delta R.T. -0.007 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

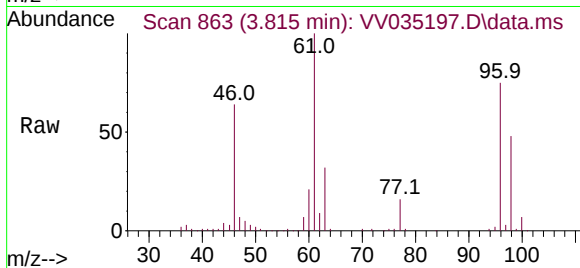
Tgt Ion: 43 Resp: 357049
Ion Ratio Lower Upper
43 100
72 19.8 6.3 18.8#



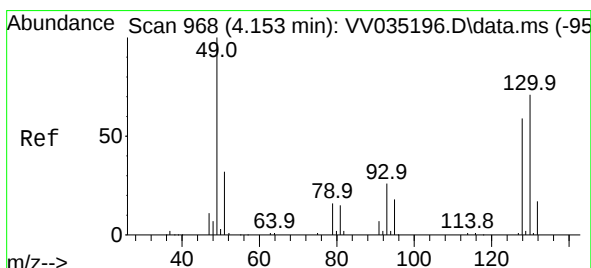
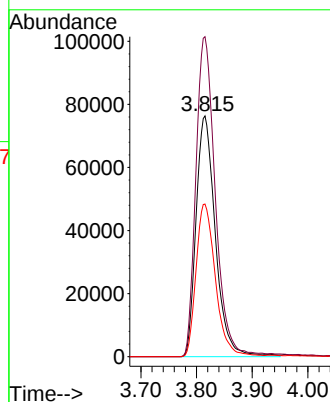
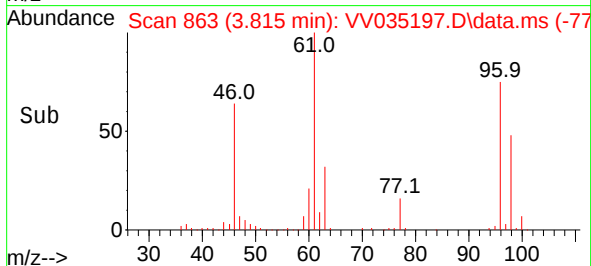


#22
 cis-1,2-Dichloroethene
 Concen: 12.286 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV035197.D
 Acq: 15 Apr 2024 13:30

Instrument :
 MSVOA_V
 ClientSampleId :

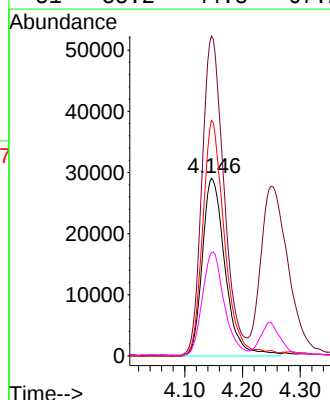
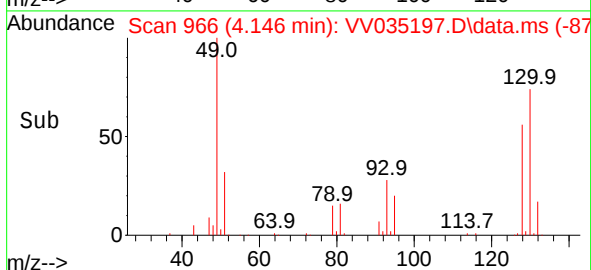
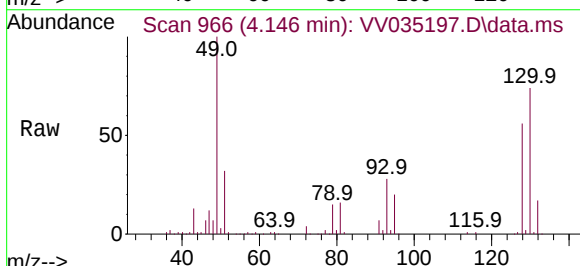


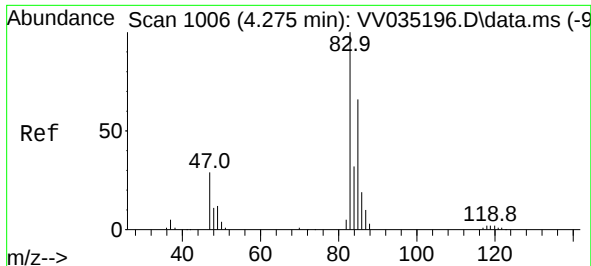
Tgt Ion: 96 Resp: 184608
 Ion Ratio Lower Upper
 96 100
 61 132.9 92.8 172.4
 98 63.4 45.5 84.5



#23
 Bromochloromethane
 Concen: 12.566 ug/L
 RT: 4.146 min Scan# 966
 Delta R.T. -0.007 min
 Lab File: VV035197.D
 Acq: 15 Apr 2024 13:30

Tgt Ion: 128 Resp: 79261
 Ion Ratio Lower Upper
 128 100
 49 180.1 119.8 222.4
 130 132.6 85.2 158.2
 51 58.2 44.8 67.2





#25

Chloroform

Concen: 11.909 ug/L

RT: 4.275 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

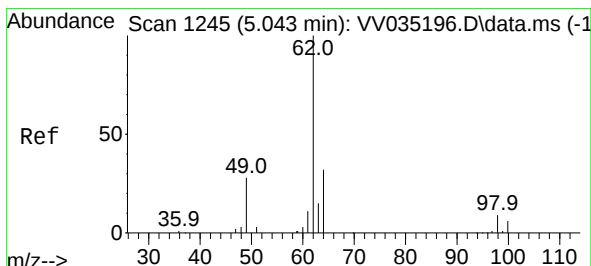
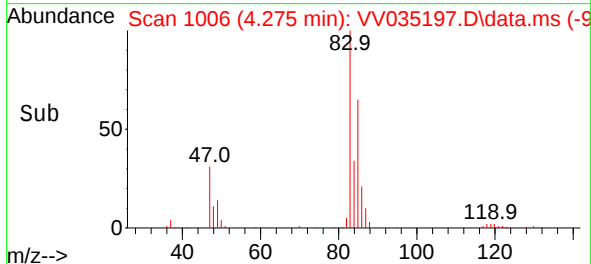
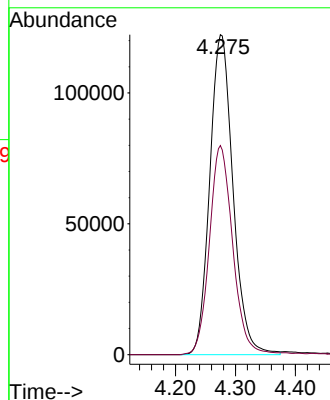
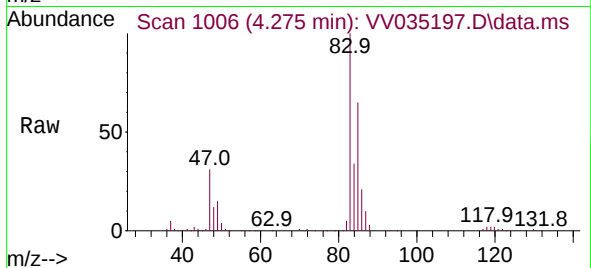
ClientSampleId :

Tgt Ion: 83 Resp: 329187

Ion Ratio Lower Upper

83 100

85 65.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 12.279 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VV035197.D

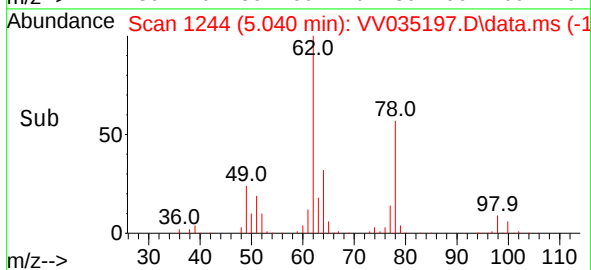
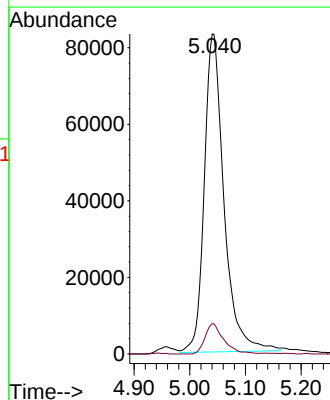
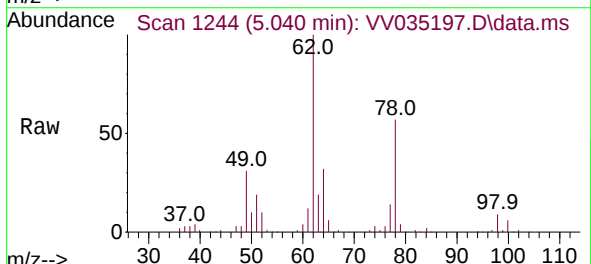
Acq: 15 Apr 2024 13:30

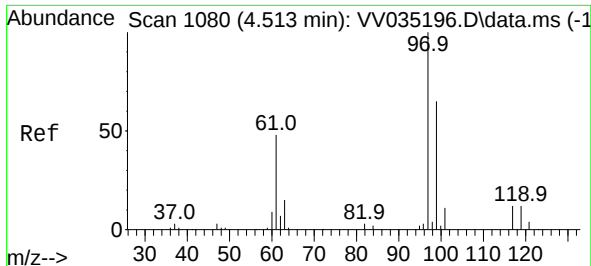
Tgt Ion: 62 Resp: 204075

Ion Ratio Lower Upper

62 100

98 9.5 7.3 10.9





#29

1,1,1-Trichloroethane

Concen: 10.335 ug/L

RT: 4.513 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :

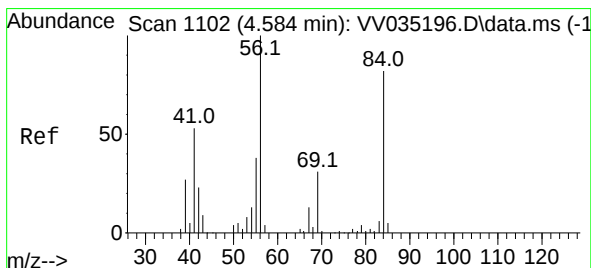
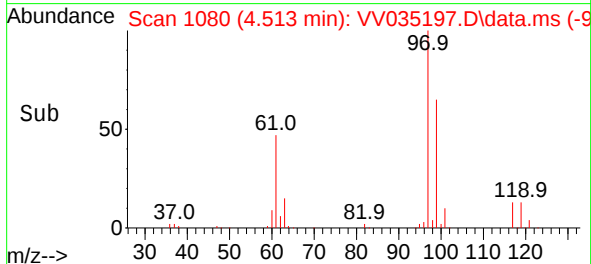
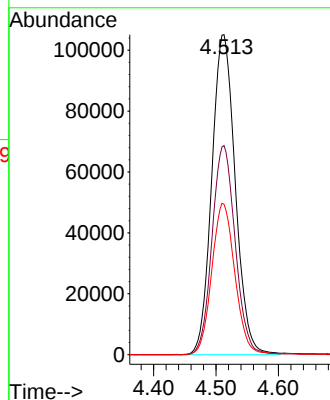
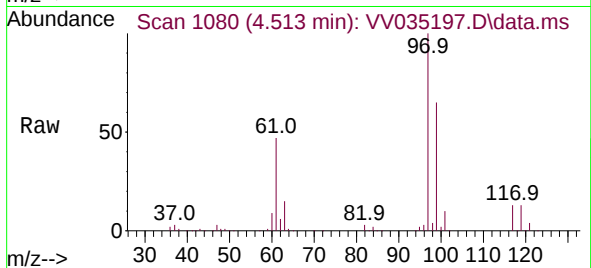
Tgt Ion: 97 Resp: 274970

Ion Ratio Lower Upper

97 100

99 64.5 51.4 77.2

61 46.6 38.3 57.5



#30

Cyclohexane

Concen: 12.063 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

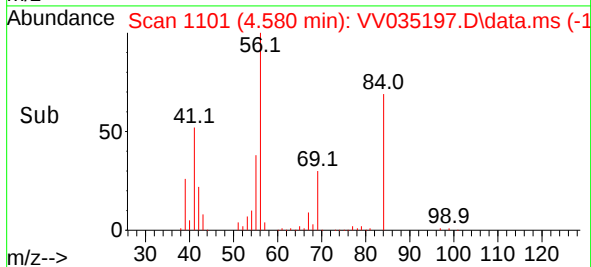
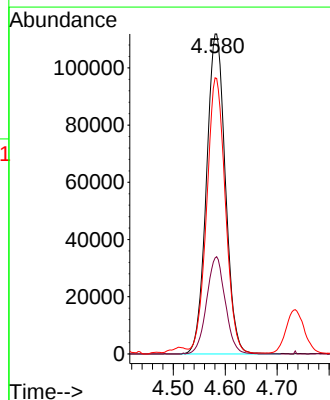
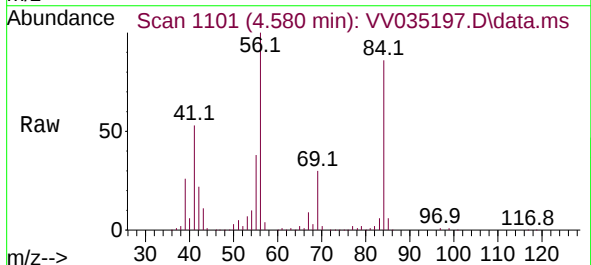
Tgt Ion: 56 Resp: 282772

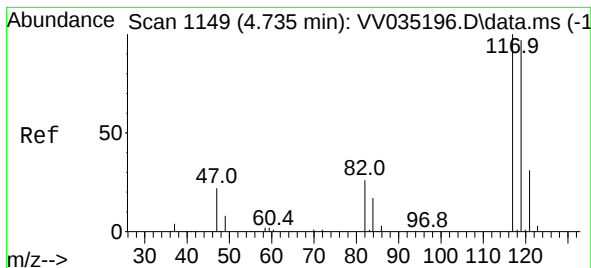
Ion Ratio Lower Upper

56 100

69 29.9 24.8 37.2

84 84.8 69.4 104.2





#31

Carbon tetrachloride

Concen: 10.157 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

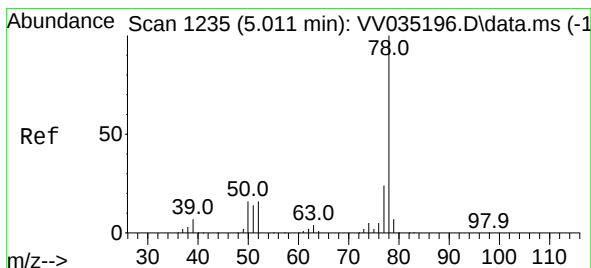
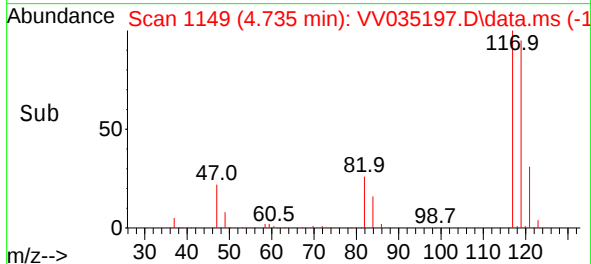
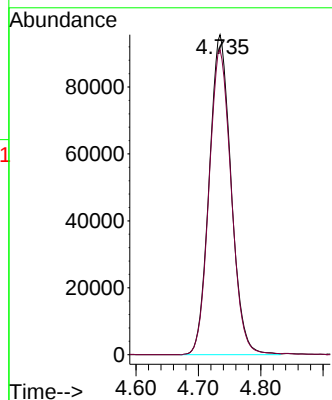
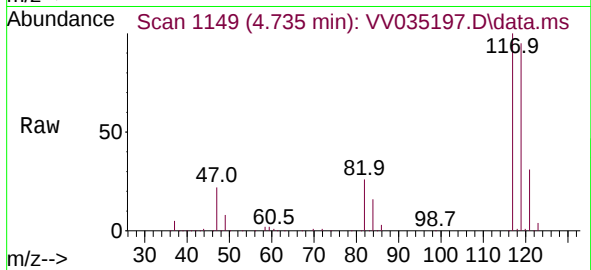
ClientSampleId :

Tgt Ion:117 Resp: 233072

Ion Ratio Lower Upper

117 100

119 96.5 77.0 115.6



#33

Benzene

Concen: 11.893 ug/L

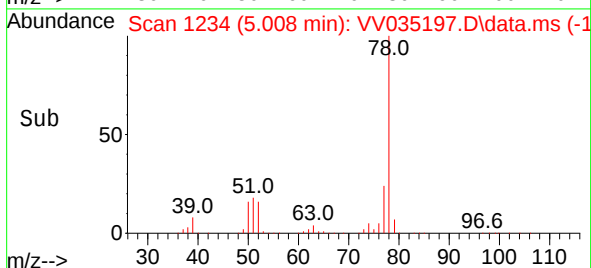
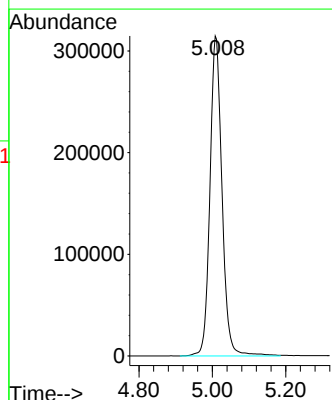
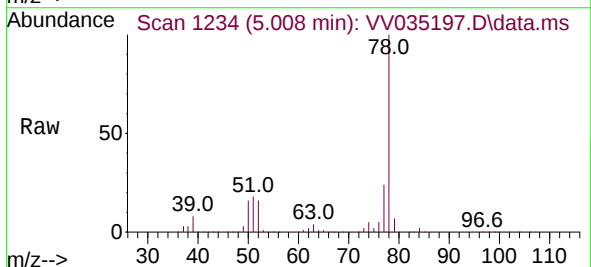
RT: 5.008 min Scan# 1234

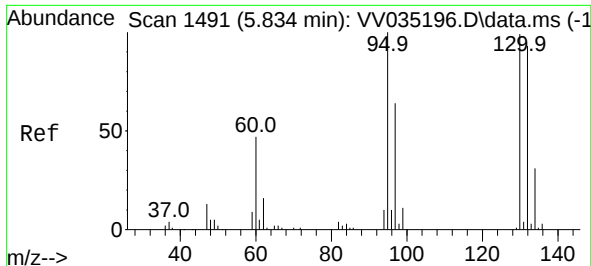
Delta R.T. -0.003 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

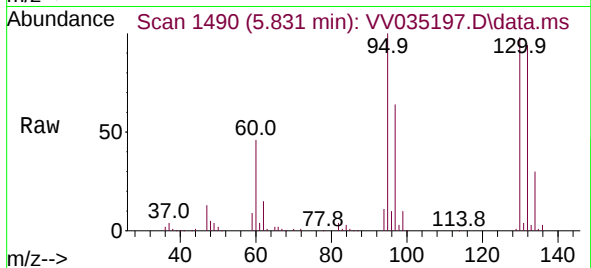
Tgt Ion: 78 Resp: 719087



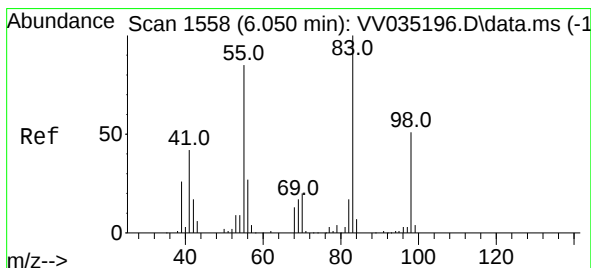
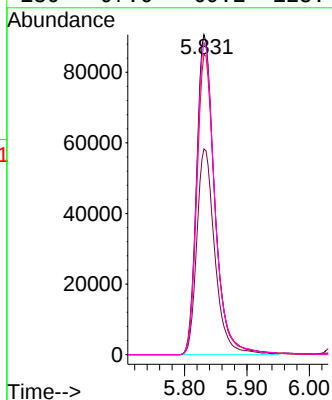
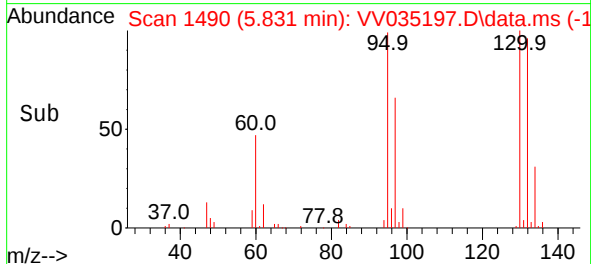


#34
Trichloroethene
Concen: 11.638 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

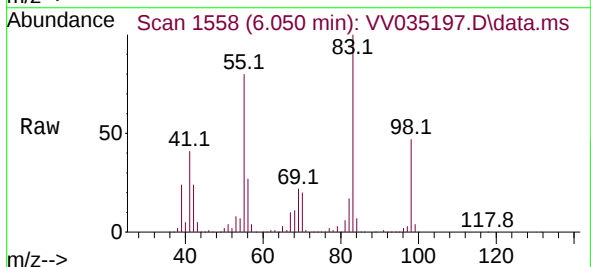
Instrument :
MSVOA_V
ClientSampleId :



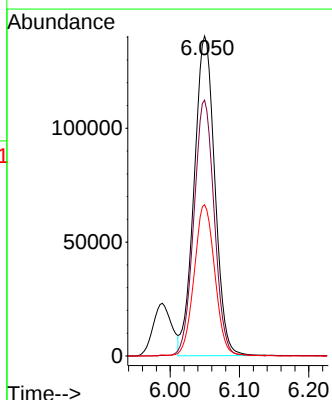
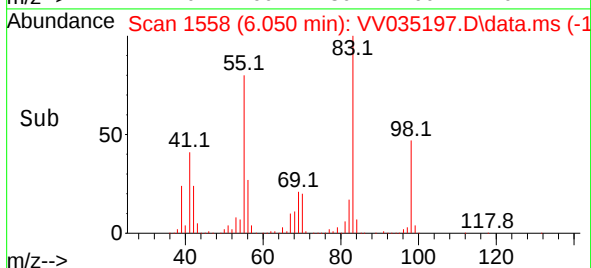
Tgt Ion: 95 Resp: 183530
Ion Ratio Lower Upper
95 100
97 64.3 44.7 82.9
132 93.9 64.8 120.3
130 97.6 69.2 128.4

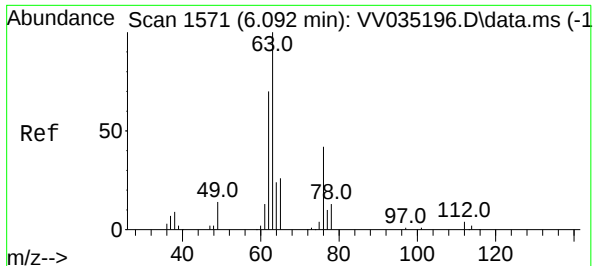


#35
Methylcyclohexane
Concen: 11.791 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30



Tgt Ion: 83 Resp: 291733
Ion Ratio Lower Upper
83 100
55 78.9 63.8 95.6
98 47.2 37.4 56.2

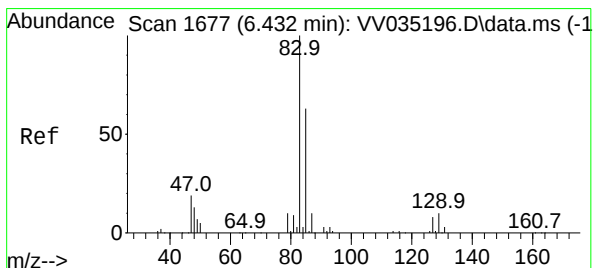
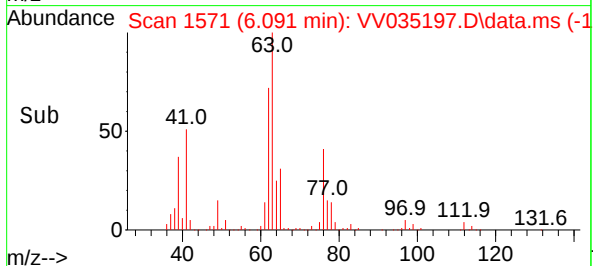
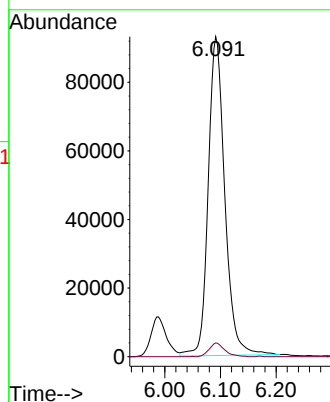
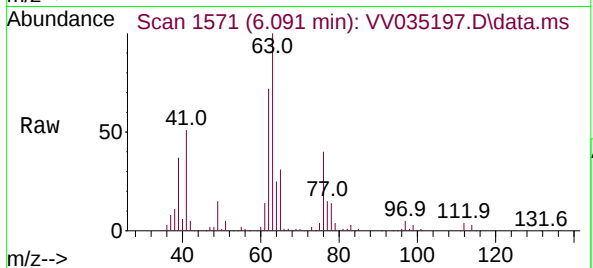




#37
1,2-Dichloropropane
Concen: 12.670 ug/L
RT: 6.091 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

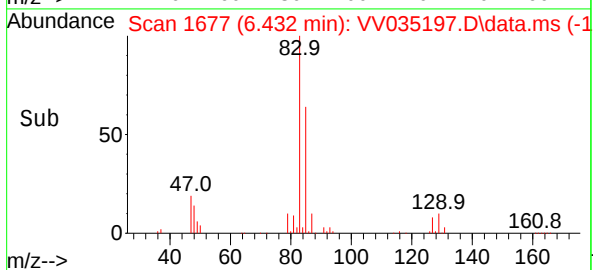
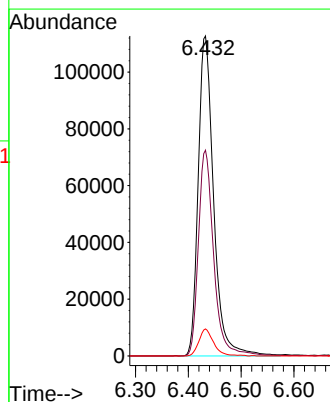
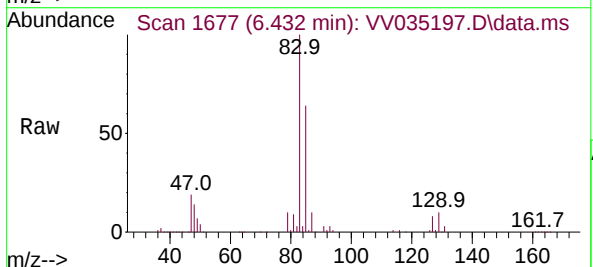
Instrument :
MSVOA_V
ClientSampleId :

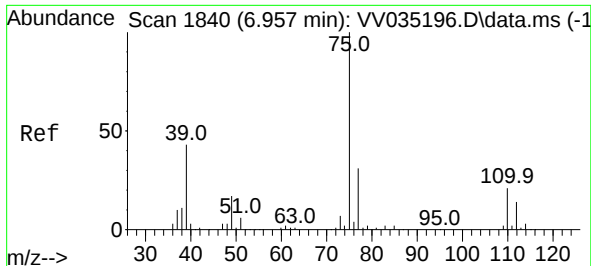
Tgt Ion: 63 Resp: 192153
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 11.311 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

Tgt Ion: 83 Resp: 229217
Ion Ratio Lower Upper
83 100
85 64.3 43.8 81.4
127 8.4 6.3 9.5

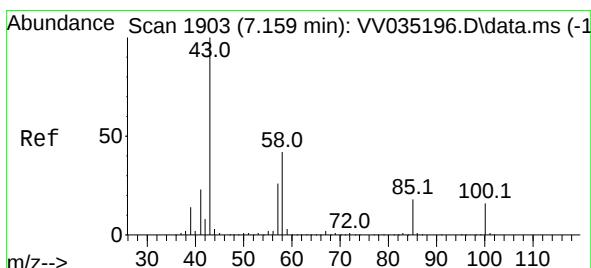
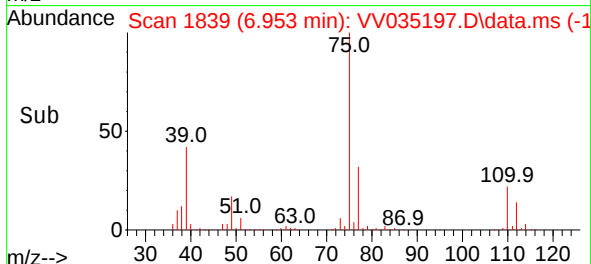
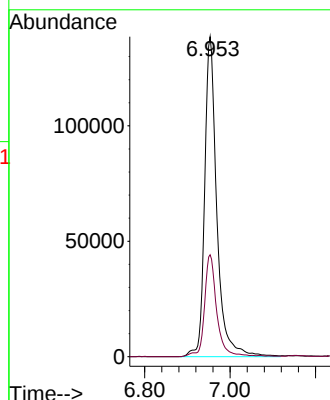
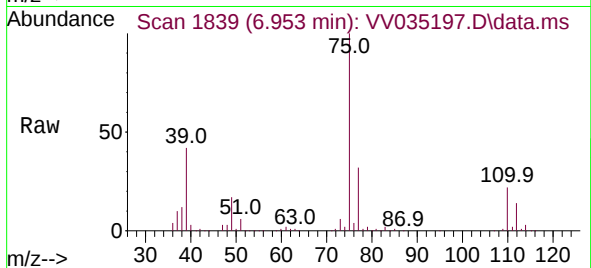




#39
 cis-1,3-Dichloropropene
 Concen: 13.230 ug/L
 RT: 6.953 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV035197.D
 Acq: 15 Apr 2024 13:30

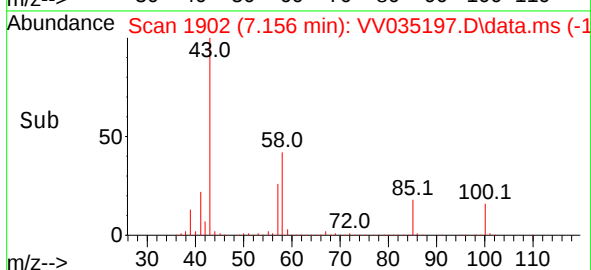
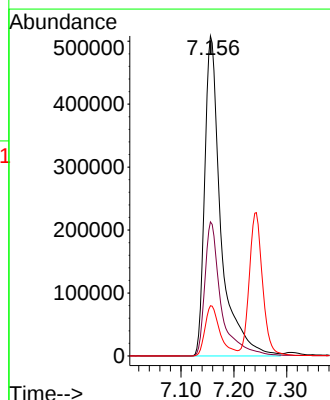
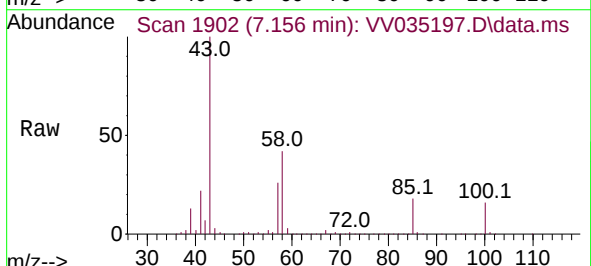
Instrument :
 MSVOA_V
 ClientSampleId :

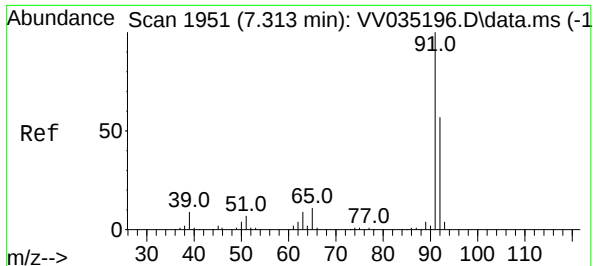
Tgt Ion: 75 Resp: 274897
 Ion Ratio Lower Upper
 75 100
 77 31.9 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 120.130 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. -0.003 min
 Lab File: VV035197.D
 Acq: 15 Apr 2024 13:30

Tgt Ion: 43 Resp: 1082276
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.4 50.0
 100 14.7 10.6 15.8





#42

Toluene

Concen: 11.929 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

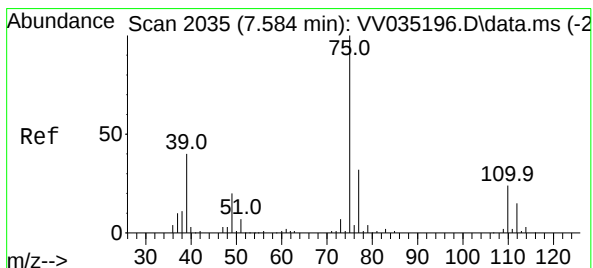
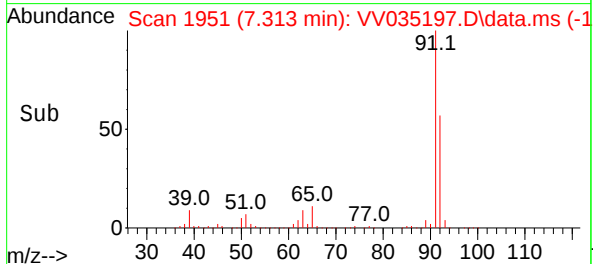
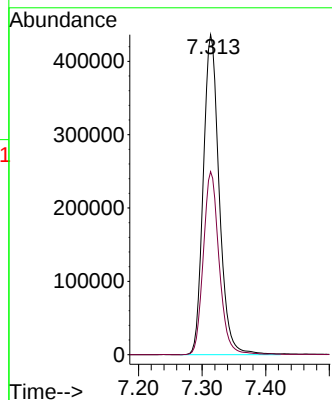
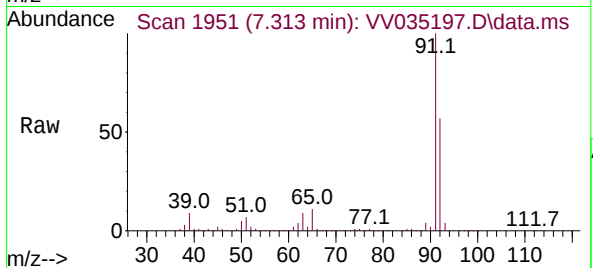
ClientSampleId :

Tgt Ion: 91 Resp: 758697

Ion Ratio Lower Upper

91 100

92 57.2 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 13.056 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV035197.D

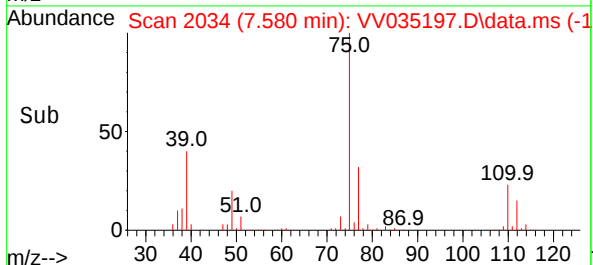
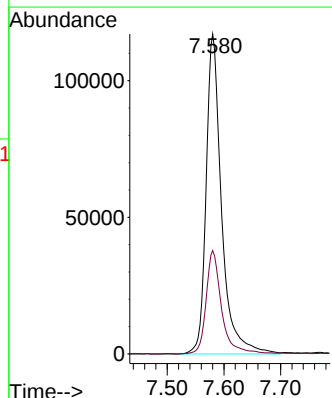
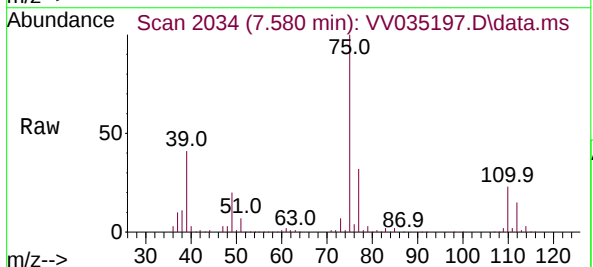
Acq: 15 Apr 2024 13:30

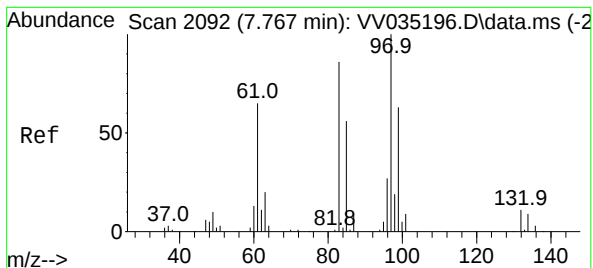
Tgt Ion: 75 Resp: 221692

Ion Ratio Lower Upper

75 100

77 32.3 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 12.648 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

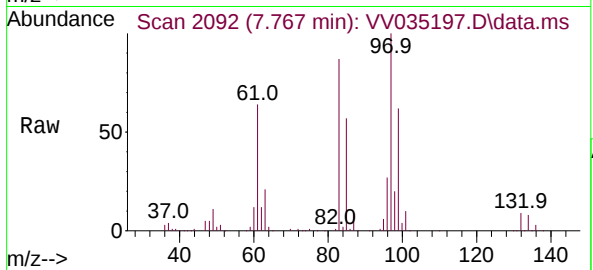
Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 130184

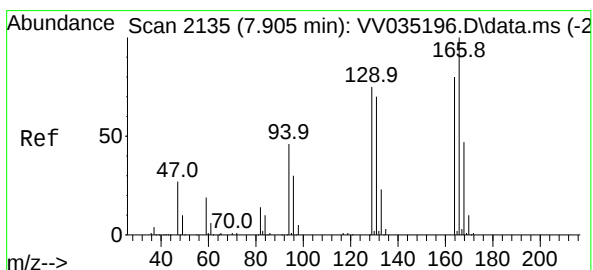
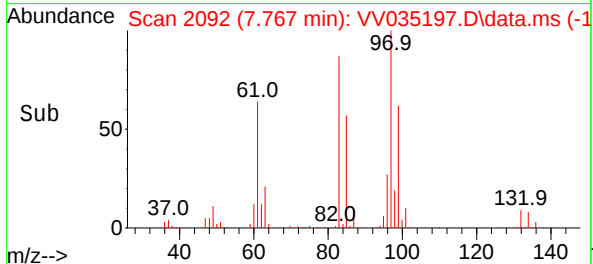
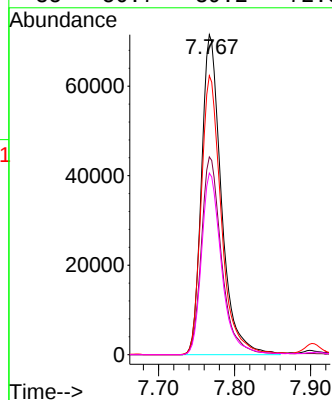
Ion Ratio Lower Upper

97 100

99 61.8 44.2 82.2

83 87.2 60.2 111.8

85 56.7 39.2 72.8



#47

Tetrachloroethene

Concen: 11.366 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.003 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Tgt Ion: 164 Resp: 140324

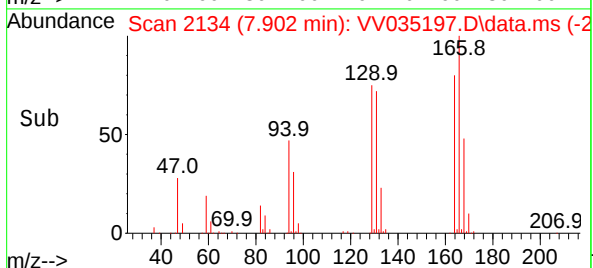
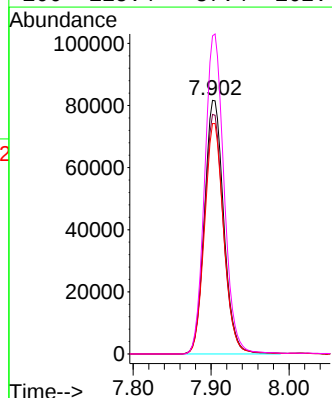
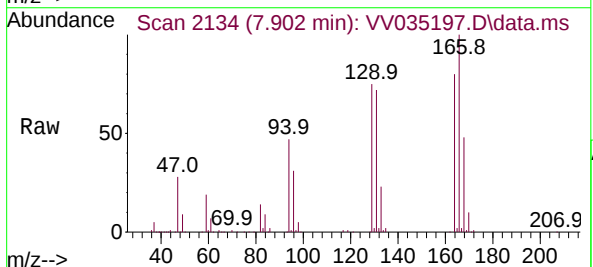
Ion Ratio Lower Upper

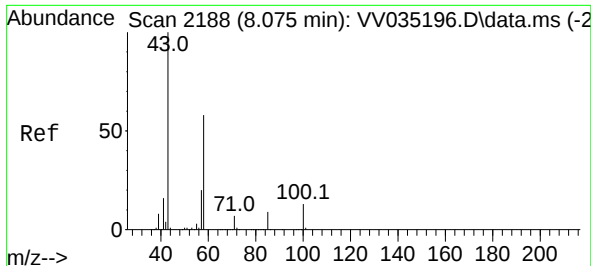
164 100

129 94.4 65.3 121.3

131 90.8 60.9 113.1

166 125.4 87.4 162.4

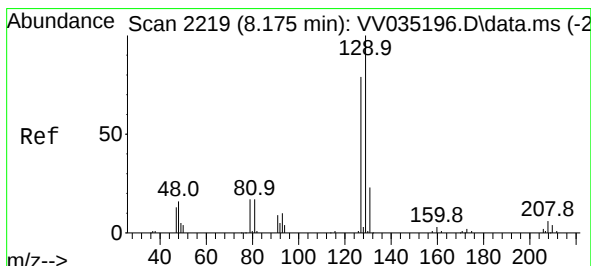
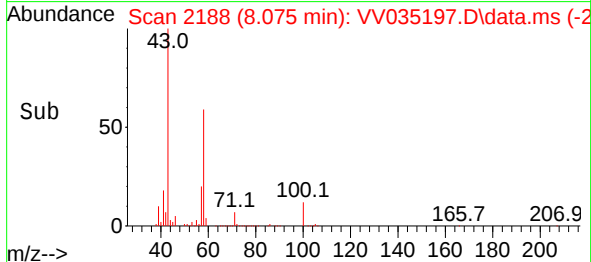
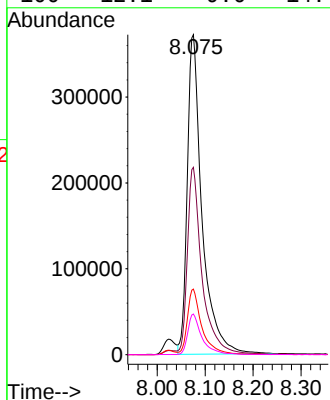
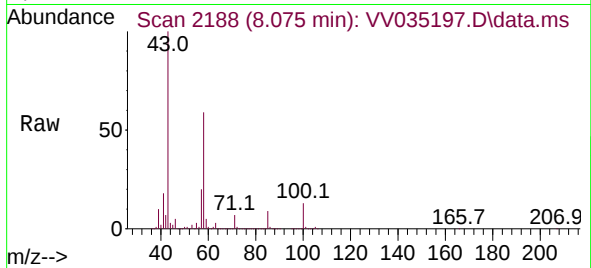




#48
2-Hexanone
Concen: 122.137 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

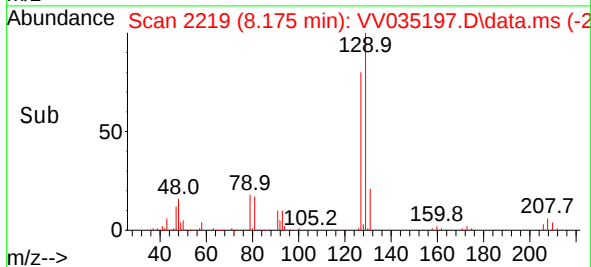
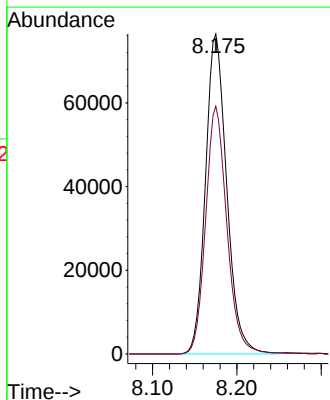
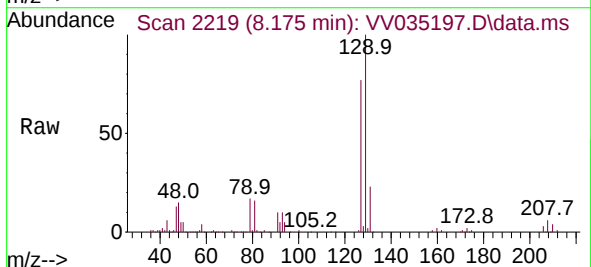
Instrument :
MSVOA_V
ClientSampleId :

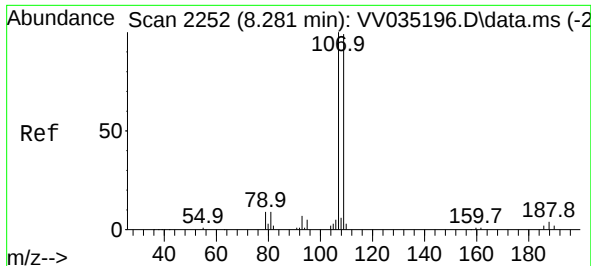
Tgt Ion: 43 Resp: 794174
Ion Ratio Lower Upper
43 100
58 57.7 45.2 67.8
57 19.9 15.5 23.3
100 12.1 9.6 14.4



#49
Dibromochloromethane
Concen: 11.516 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

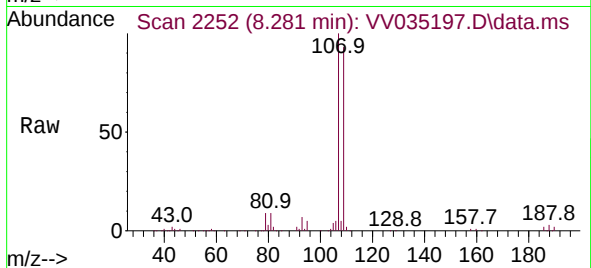
Tgt Ion: 129 Resp: 134116
Ion Ratio Lower Upper
129 100
127 77.4 55.2 102.6



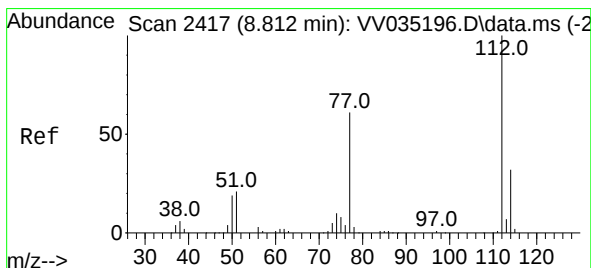
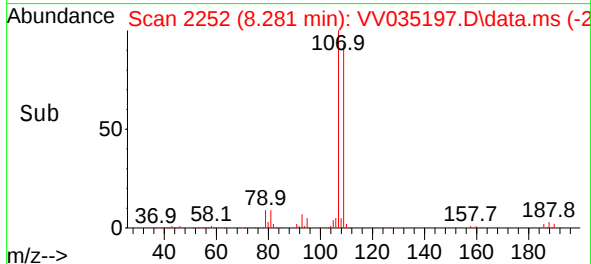
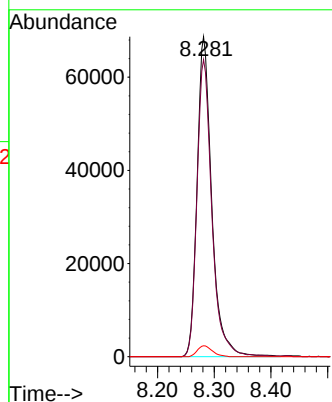


#50
1,2-Dibromoethane
Concen: 12.842 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

Instrument :
MSVOA_V
ClientSampleId :

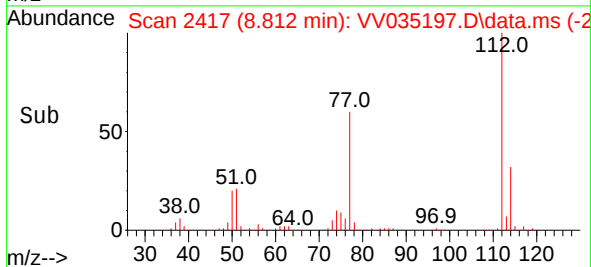
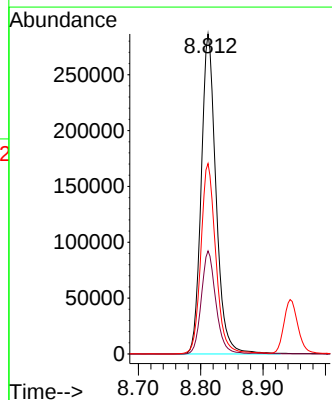
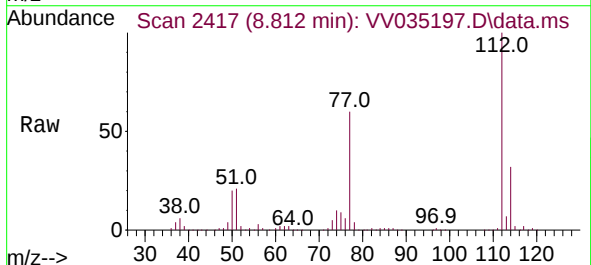


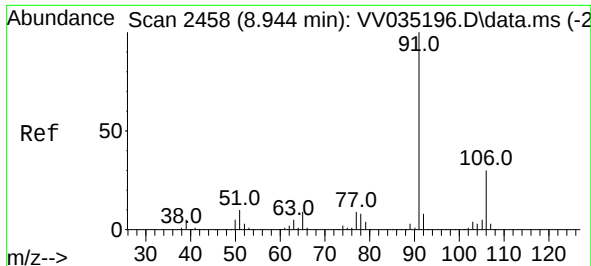
Tgt Ion:107 Resp: 123499
Ion Ratio Lower Upper
107 100
109 92.9 69.1 128.3
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 11.567 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

Tgt Ion:112 Resp: 472415
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 59.5 49.0 73.6





#52

Ethylbenzene

Concen: 11.739 ug/L

RT: 8.943 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

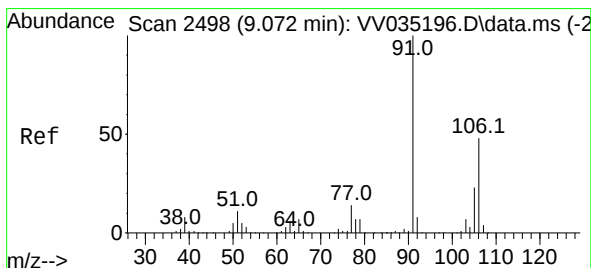
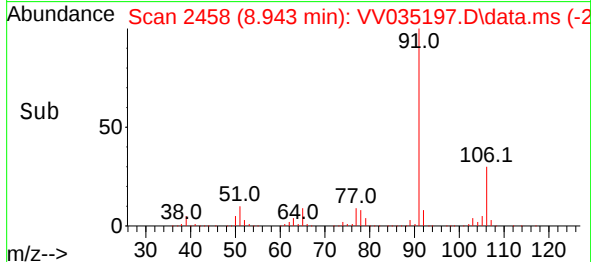
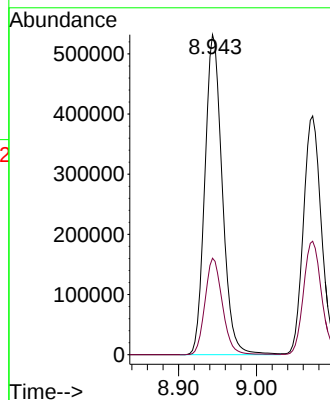
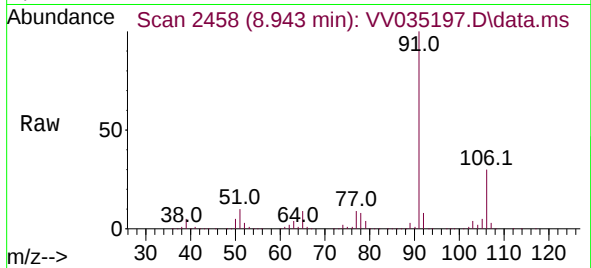
ClientSampleId :

Tgt Ion: 91 Resp: 826535

Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.5



#53

m,p-Xylene

Concen: 11.769 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. -0.000 min

Lab File: VV035197.D

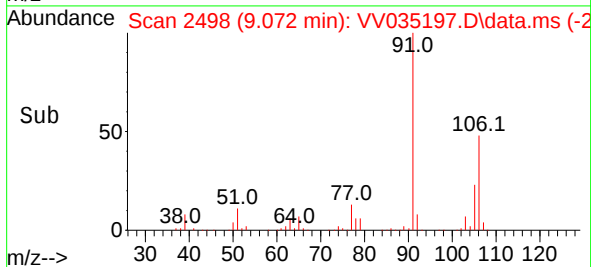
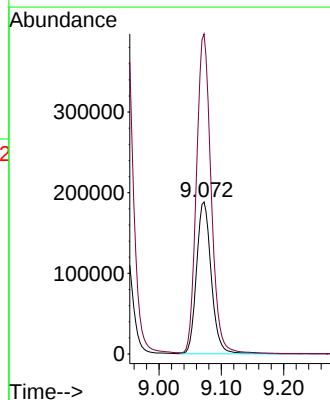
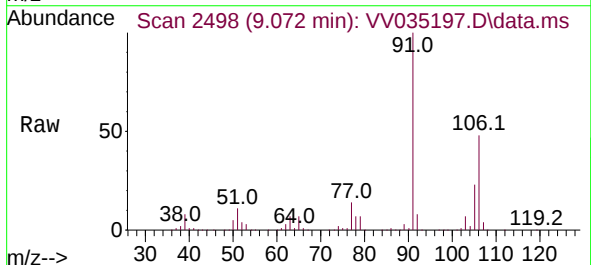
Acq: 15 Apr 2024 13:30

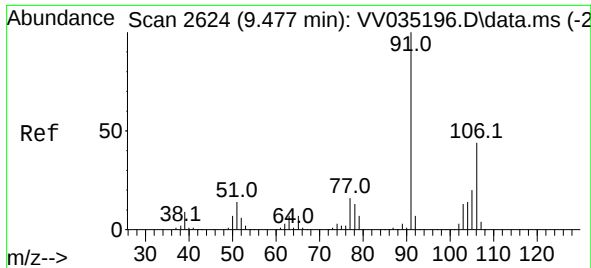
Tgt Ion:106 Resp: 308137

Ion Ratio Lower Upper

106 100

91 210.5 147.1 273.3

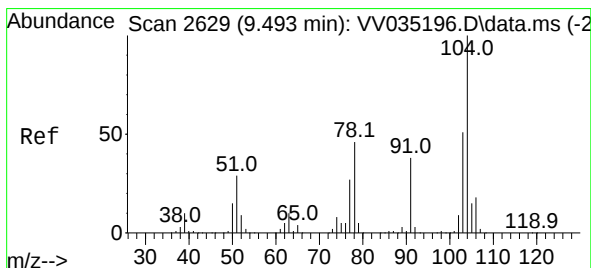
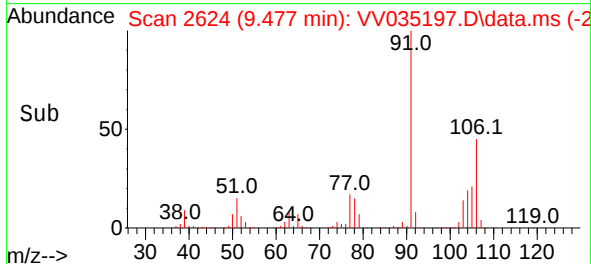
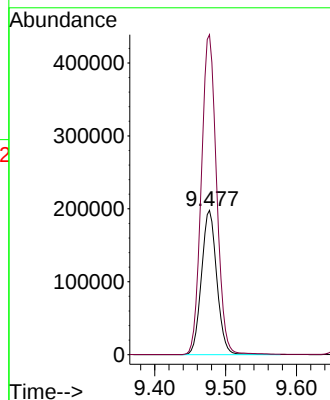
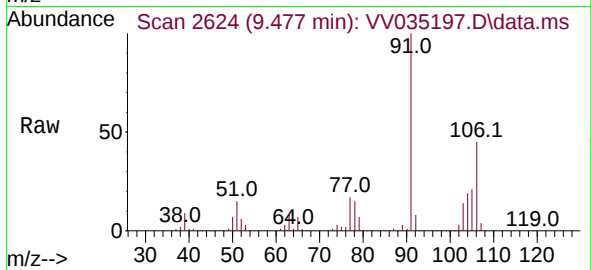




#54
o-Xylene
Concen: 11.455 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

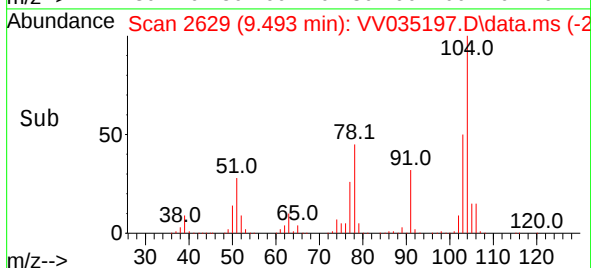
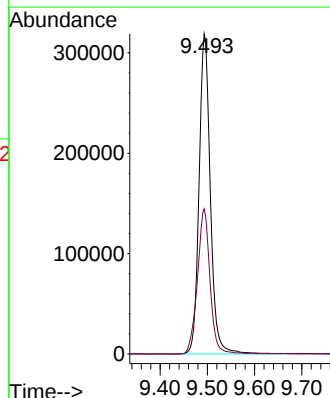
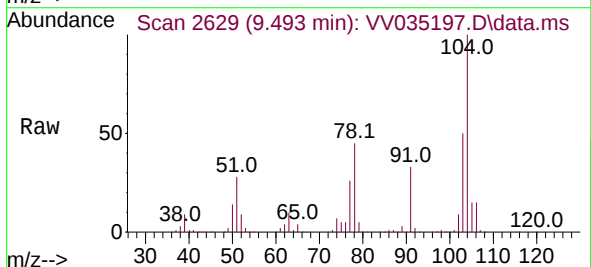
Instrument :
MSVOA_V
ClientSampleId :

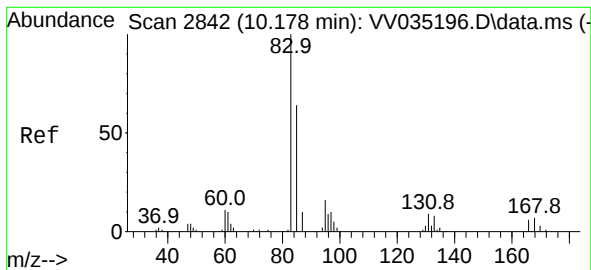
Tgt Ion:106 Resp: 296476
Ion Ratio Lower Upper
106 100
91 221.7 157.7 292.9



#55
Styrene
Concen: 12.476 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

Tgt Ion:104 Resp: 528430
Ion Ratio Lower Upper
104 100
78 45.3 32.4 60.2

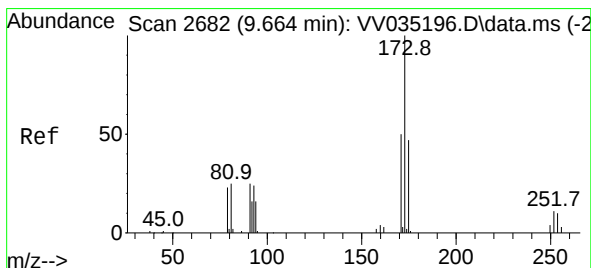
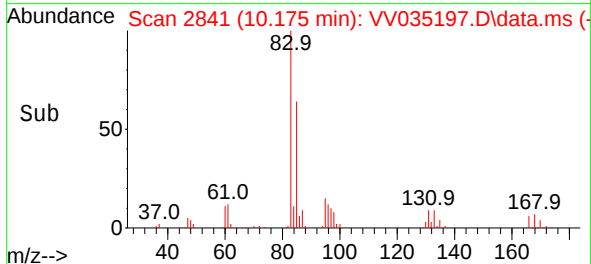
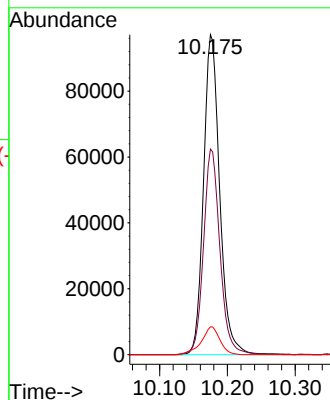
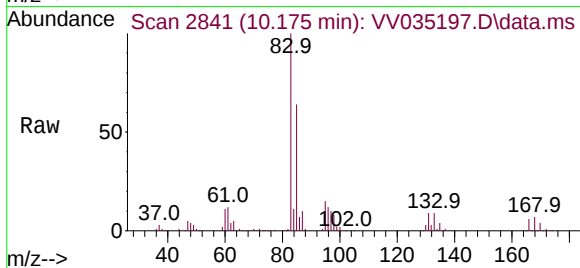




#57
1,1,2,2-Tetrachloroethane
Concen: 12.898 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

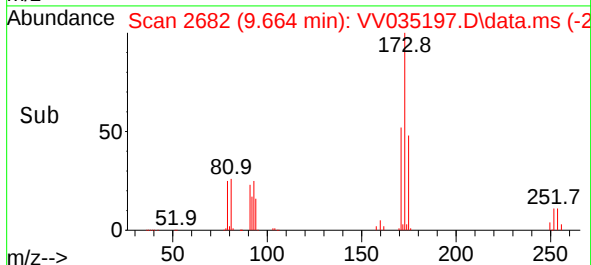
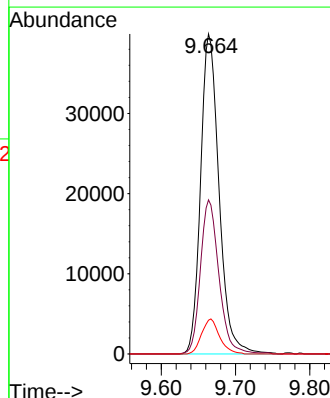
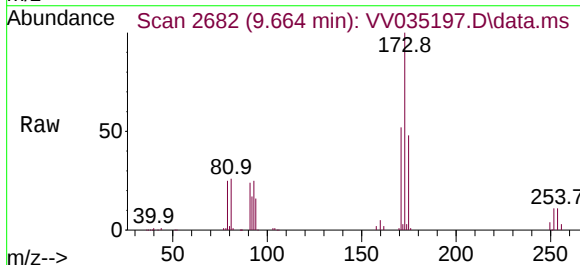
Instrument :
MSVOA_V
ClientSampleId :

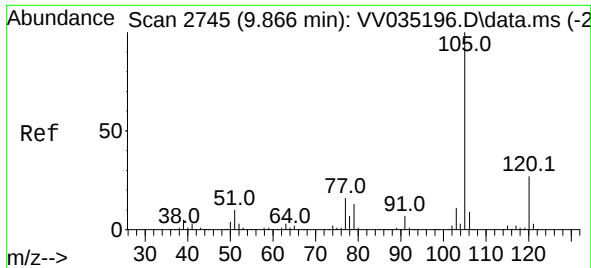
Tgt Ion: 83 Resp: 160902
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.5
131 8.7 7.8 11.6



#59
Bromoform
Concen: 11.707 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

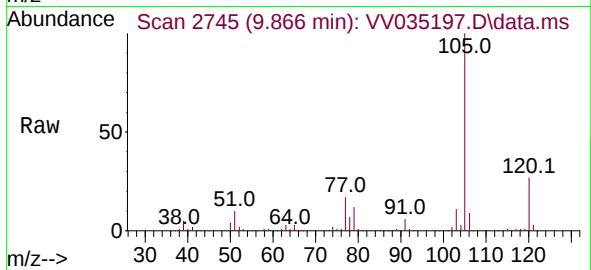
Tgt Ion: 173 Resp: 68794
Ion Ratio Lower Upper
173 100
175 48.3 38.6 57.8
254 10.7 8.2 12.2



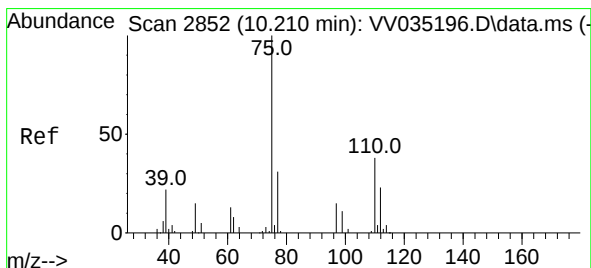
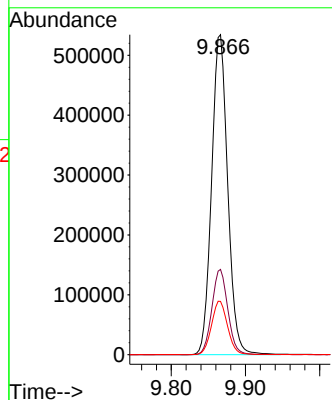
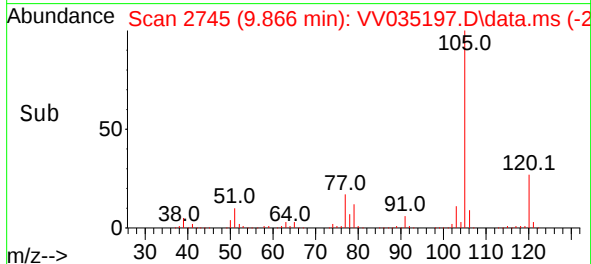


#60
Isopropylbenzene
Concen: 11.703 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

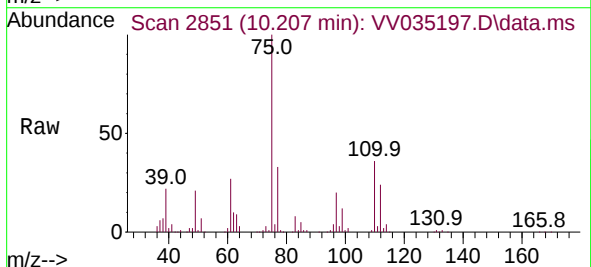
Instrument :
MSVOA_V
ClientSampleId :



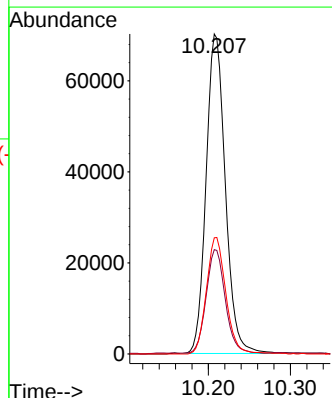
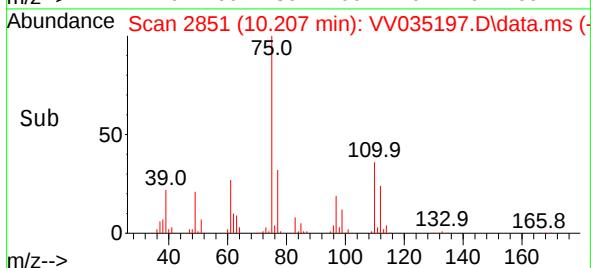
Tgt Ion:105 Resp: 803684
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 16.8 13.1 19.7

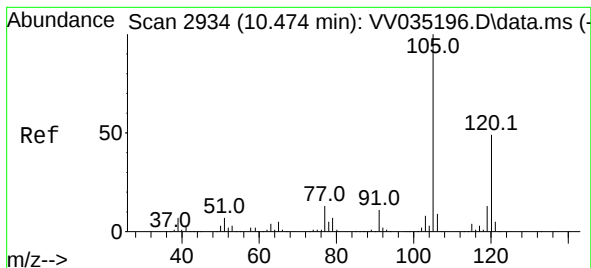


#61
1,2,3-Trichloropropane
Concen: 12.555 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30



Tgt Ion: 75 Resp: 114360
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
110 36.9 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 11.300 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

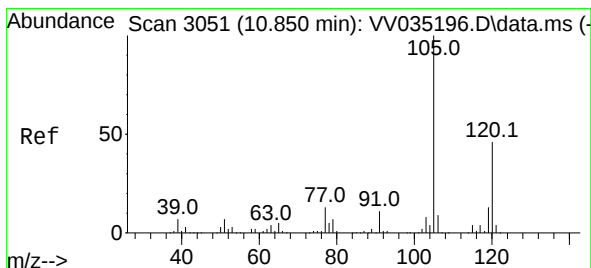
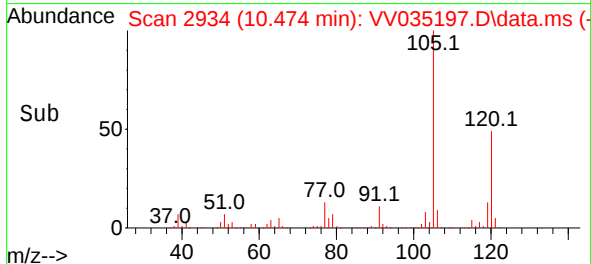
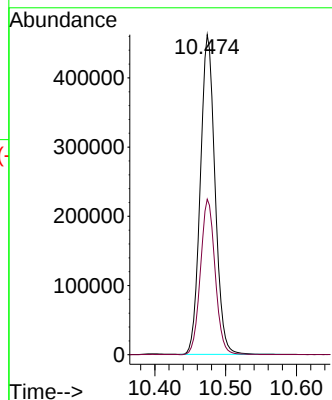
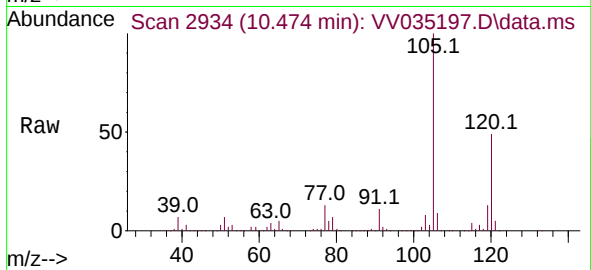
ClientSampleId :

Tgt Ion:105 Resp: 664382

Ion Ratio Lower Upper

105 100

120 48.7 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 11.379 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035197.D

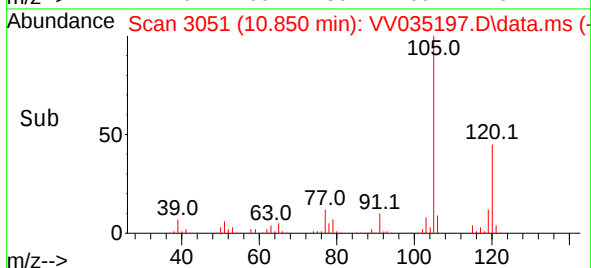
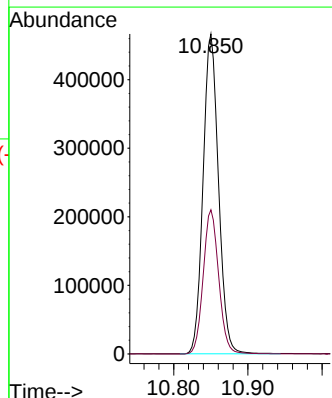
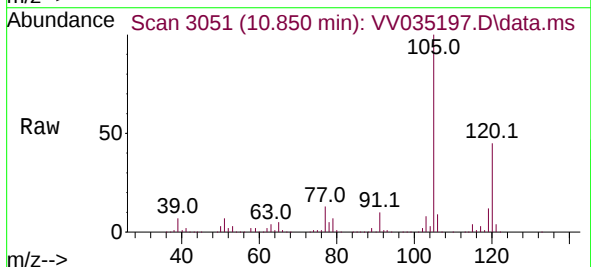
Acq: 15 Apr 2024 13:30

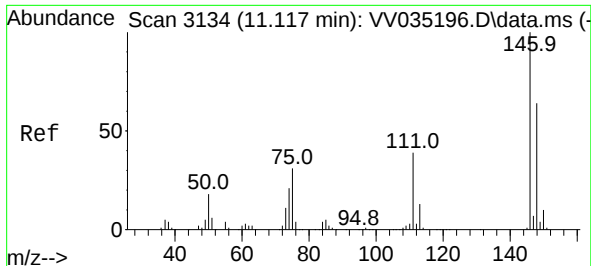
Tgt Ion:105 Resp: 672446

Ion Ratio Lower Upper

105 100

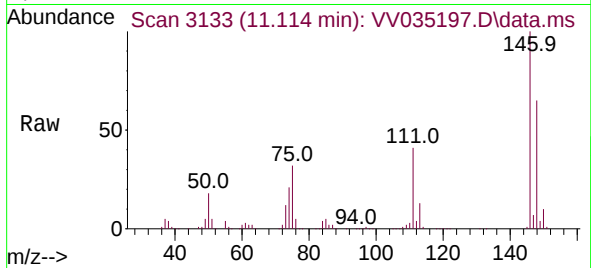
120 45.1 36.0 54.0



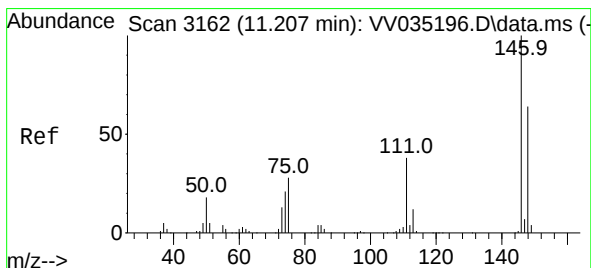
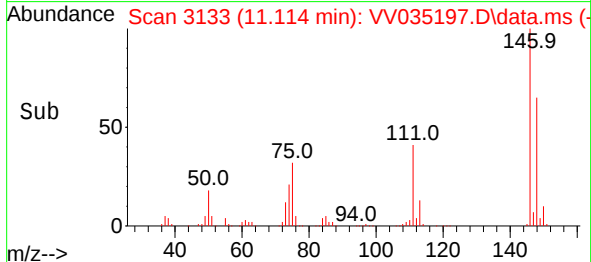
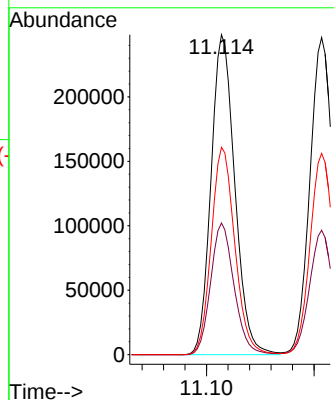


#64
1,3-Dichlorobenzene
Concen: 11.381 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. -0.003 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

Instrument :
MSVOA_V
ClientSampleId :

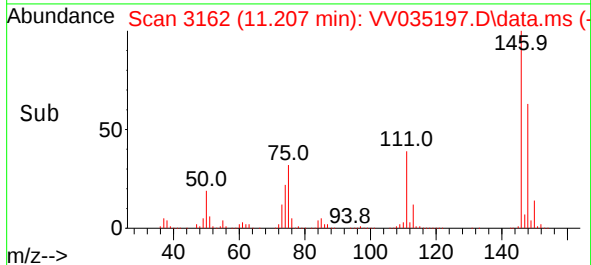
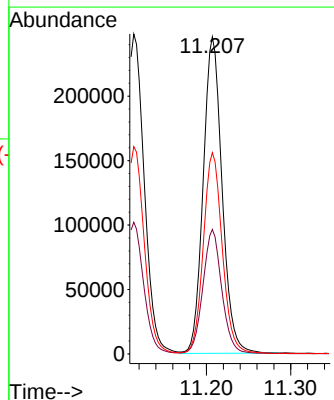
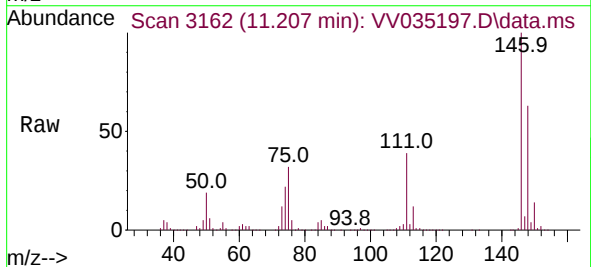


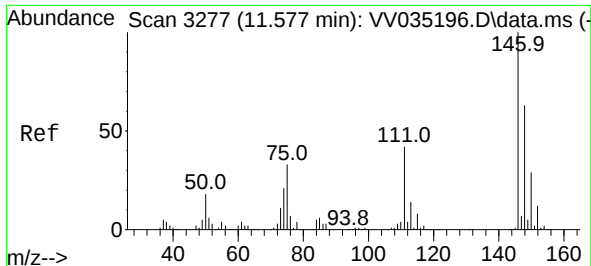
Tgt Ion:146 Resp: 381304
Ion Ratio Lower Upper
146 100
111 41.1 27.6 51.2
148 64.8 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 11.480 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV035197.D
Acq: 15 Apr 2024 13:30

Tgt Ion:146 Resp: 383472
Ion Ratio Lower Upper
146 100
111 39.3 27.1 50.3
148 63.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 11.178 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :

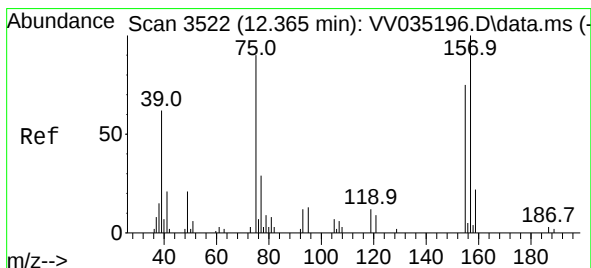
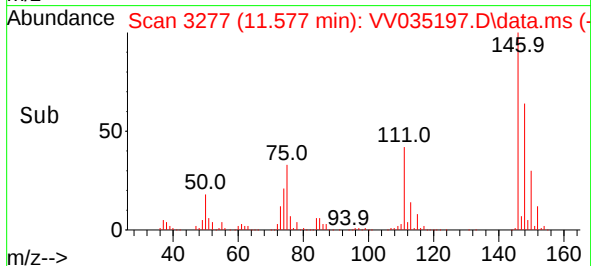
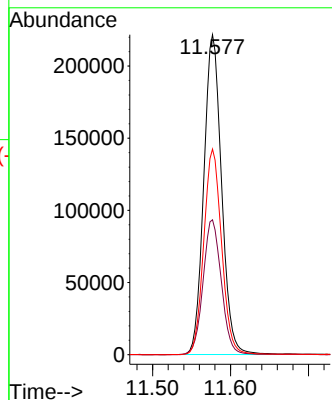
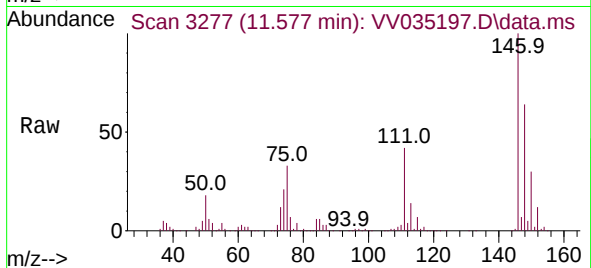
Tgt Ion:146 Resp: 350835

Ion Ratio Lower Upper

146 100

111 42.2 33.7 50.5

148 64.2 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 11.146 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

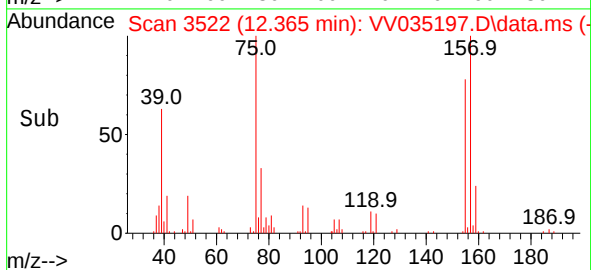
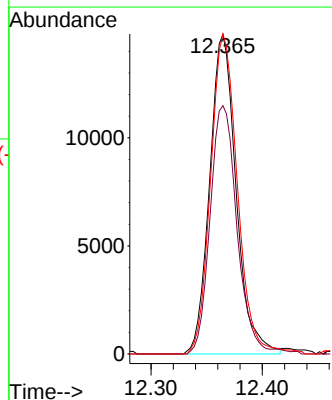
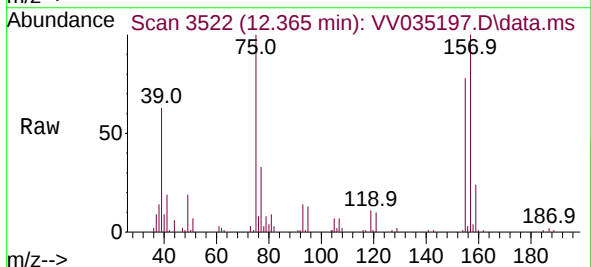
Tgt Ion: 75 Resp: 24377

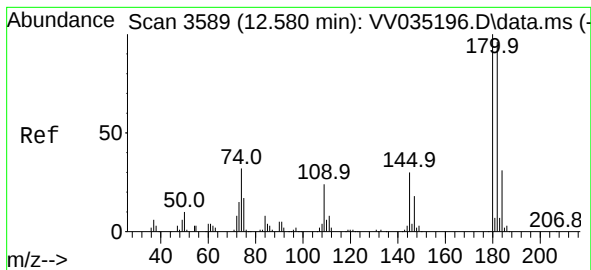
Ion Ratio Lower Upper

75 100

155 77.7 66.8 100.2

157 100.2 88.8 133.2





#69

1,3,5-Trichlorobenzene

Concen: 11.331 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

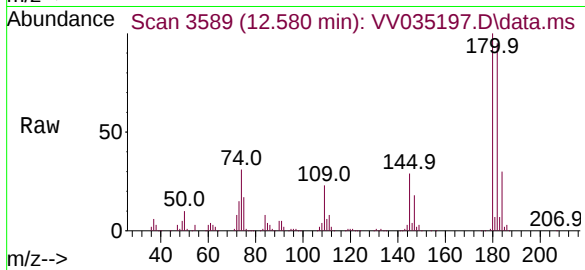
Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 291948

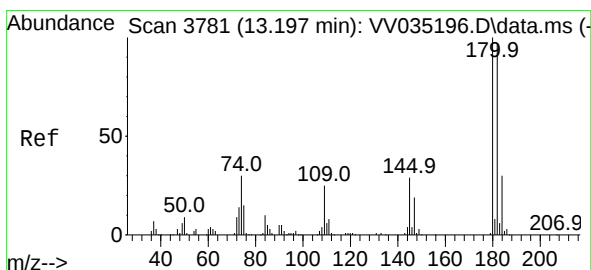
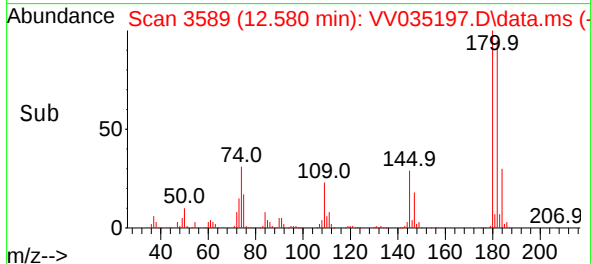
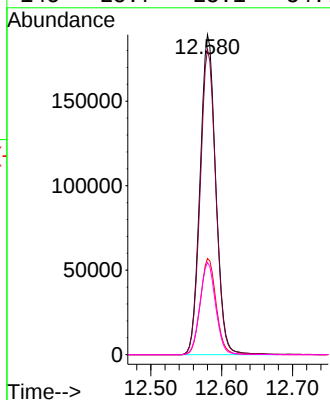
Ion Ratio Lower Upper

180 100

182 94.9 75.4 113.2

184 30.2 24.0 36.0

145 28.7 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 10.987 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

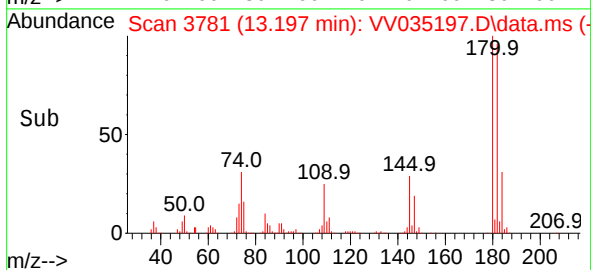
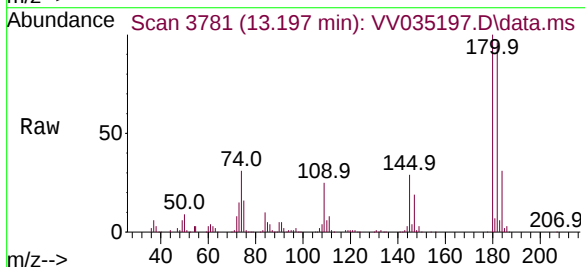
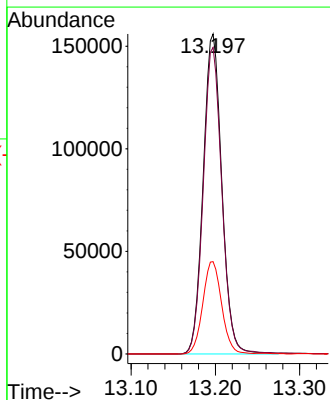
Tgt Ion:180 Resp: 240592

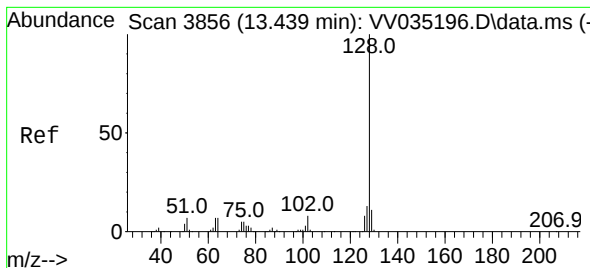
Ion Ratio Lower Upper

180 100

182 95.8 76.9 115.3

145 29.1 23.5 35.3





#71

Naphthalene

Concen: 10.513 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. -0.000 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Instrument :

MSVOA_V

ClientSampleId :

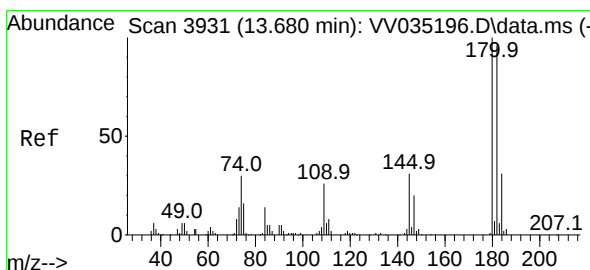
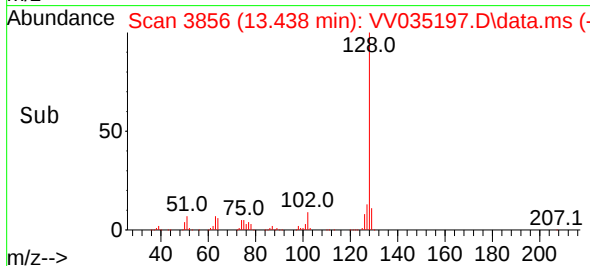
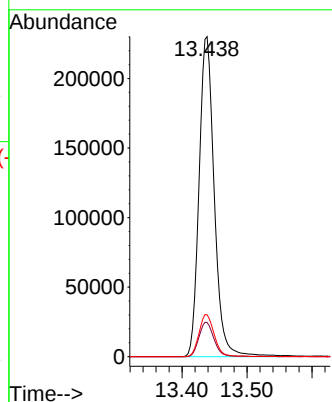
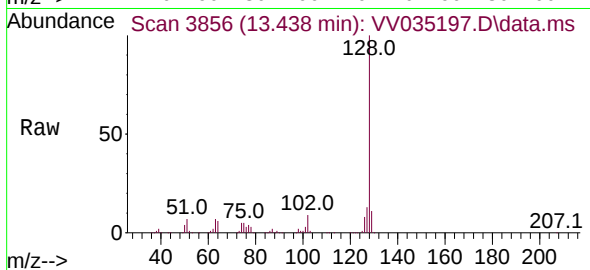
Tgt Ion:128 Resp: 375031

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 13.1 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 11.157 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.003 min

Lab File: VV035197.D

Acq: 15 Apr 2024 13:30

Tgt Ion:180 Resp: 220497

Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 31.2 25.3 37.9

