

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041524\
 Data File : VW035198.D
 Acq On : 15 Apr 2024 13:53
 Operator : SY/MD
 Sample : VSTD020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 00:00:14 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	226227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	226658	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	125734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	454502	30.442	ug/L	0.00
7) Chloroethane-d5	1.535	69	345026	27.275	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	192138	28.705	ug/L	0.00
20) 2-Butanone-d5	3.818	46	938582	272.267	ug/L	0.00
24) Chloroform-d	4.249	84	705469	25.191	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.940	65	346561	24.799	ug/L	0.00
32) Benzene-d6	4.960	84	1423409	26.160	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	443606	27.193	ug/L	0.00
41) Toluene-d8	7.239	98	1327558	26.900	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	181213	30.139	ug/L	0.00
46) 2-Hexanone-d5	8.024	63	802018	254.756	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	338570	26.335	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	467770	23.516	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	433009	27.290	ug/L	99
3) Chloromethane	1.217	50	499432	26.916	ug/L	98
5) Vinyl chloride	1.285	62	510293	27.820	ug/L	99
6) Bromomethane	1.490	94	297570	28.731	ug/L	99
8) Chloroethane	1.552	64	306288	24.149	ug/L	98
9) Trichlorofluoromethane	1.716	101	594887	21.326	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	373756	24.141	ug/L	100
12) 1,1-Dichloroethene	2.069	96	358993	24.244	ug/L	95
13) Acetone	2.162	43	142367	43.065	ug/L #	1
14) Carbon disulfide	2.240	76	1170906	28.193	ug/L	99
15) Methyl Acetate	2.391	43	181956	30.791	ug/L	95
16) Methylene chloride	2.445	84	383454	22.354	ug/L	99
17) Methyl tert-butyl Ether	2.706	73	891098	24.093	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	366965	24.315	ug/L	98
19) 1,1-Dichloroethane	3.111	63	728097	24.779	ug/L	99
21) 2-Butanone	3.899	43	977067	260.053	ug/L #	70
22) cis-1,2-Dichloroethene	3.812	96	399012	24.449	ug/L	98
23) Bromochloromethane	4.146	128	170016	24.817	ug/L	96
25) Chloroform	4.275	83	699700	23.307	ug/L	100
27) 1,2-Dichloroethane	5.040	62	445991	24.707	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	587930	20.518	ug/L	99
30) Cyclohexane	4.580	56	626598	24.819	ug/L	99
31) Carbon tetrachloride	4.735	117	504651	20.419	ug/L	99
33) Benzene	5.008	78	1529539	23.489	ug/L	100
34) Trichloroethene	5.831	95	397309	23.393	ug/L	98
35) Methylcyclohexane	6.050	83	657273	24.666	ug/L	98
37) 1,2-Dichloropropane	6.092	63	414492	25.378	ug/L	100
38) Bromodichloromethane	6.429	83	487463	22.335	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	627153	28.026	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	2333168	240.463	ug/L	98
42) Toluene	7.313	91	1631910	23.825	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	512583	28.030	ug/L	100

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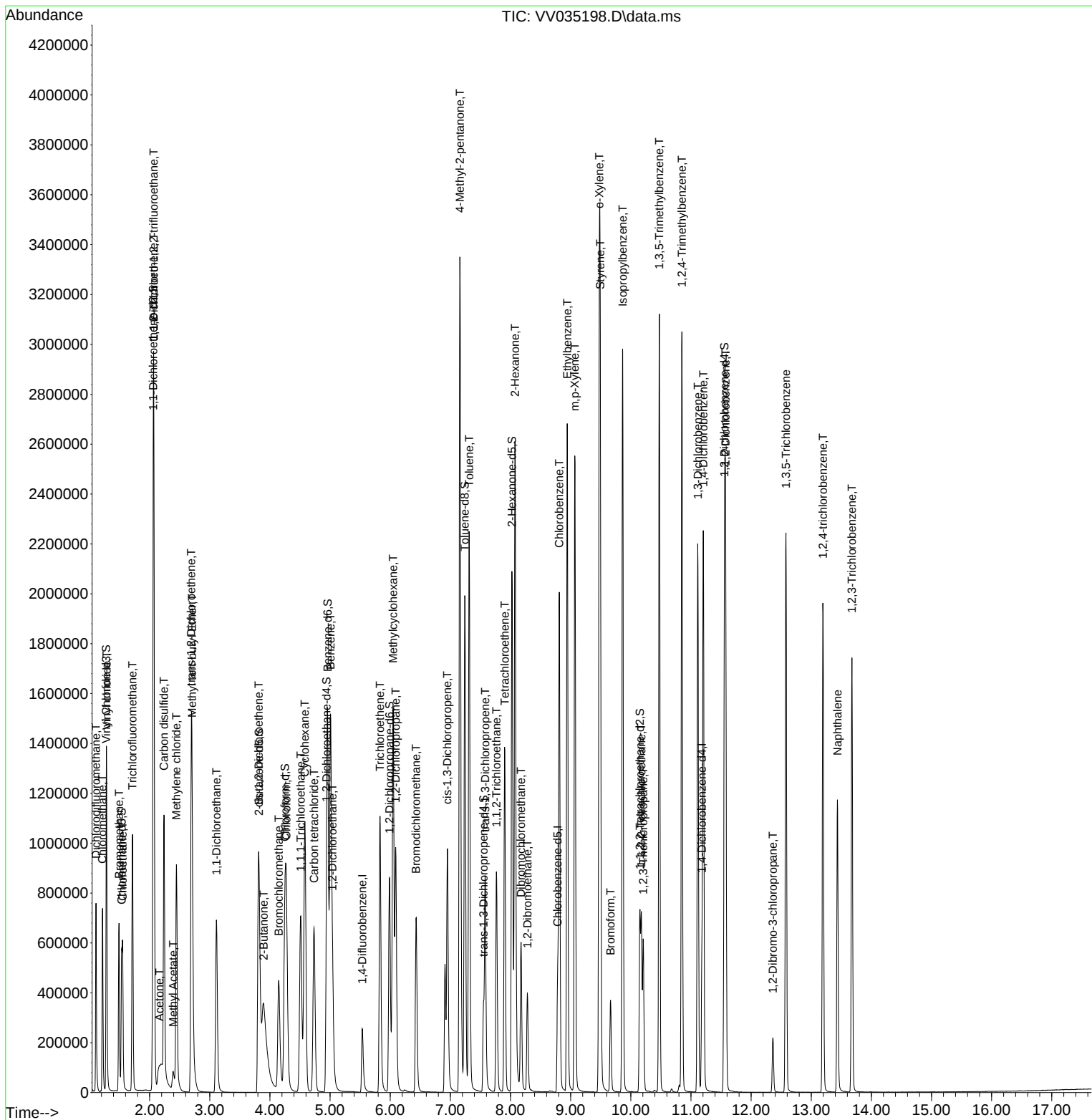
Instrument :
 MSVOA_V
 ClientSampleId :

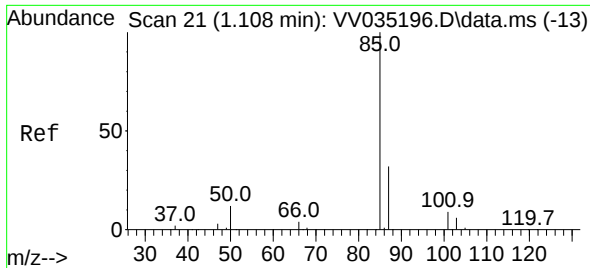
Quant Time: Apr 16 00:00:14 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	272399	24.574	ug/L	97
47) Tetrachloroethene	7.905	164	304179	22.876	ug/L	98
48) 2-Hexanone	8.075	43	1691519	241.544	ug/L	97
49) Dibromochloromethane	8.175	129	298489	23.797	ug/L	100
50) 1,2-Dibromoethane	8.281	107	263690	25.460	ug/L	95
51) Chlorobenzene	8.812	112	1025056	23.305	ug/L	99
52) Ethylbenzene	8.944	91	1838259	24.241	ug/L	99
53) m,p-Xylene	9.069	106	690668	24.494	ug/L	99
54) o-Xylene	9.477	106	671976	24.106	ug/L	97
55) Styrene	9.493	104	1167333	25.591	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	347193	25.843	ug/L	99
59) Bromoform	9.664	173	160490	24.287	ug/L	99
60) Isopropylbenzene	9.866	105	1834708	23.758	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	246430	24.060	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	1541924	23.322	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	1549586	23.318	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	852036	22.615	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	853448	22.722	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	775016	21.960	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	54967	22.351	ug/L	94
69) 1,3,5-Trichlorobenzene	12.580	180	663025	22.884	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	576454	23.410	ug/L	99
71) Naphthalene	13.435	128	887605	22.128	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	508424	22.878	ug/L	100

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

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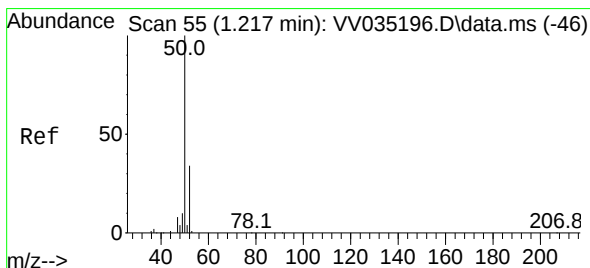
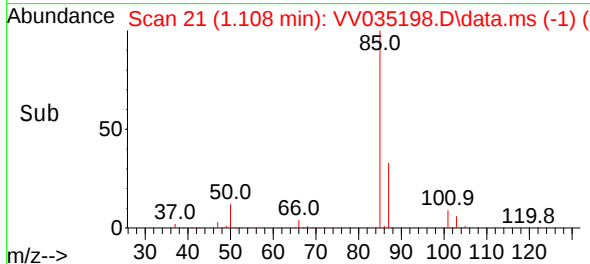
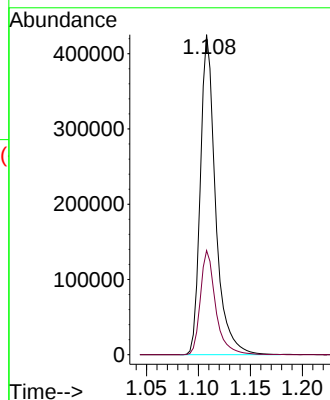
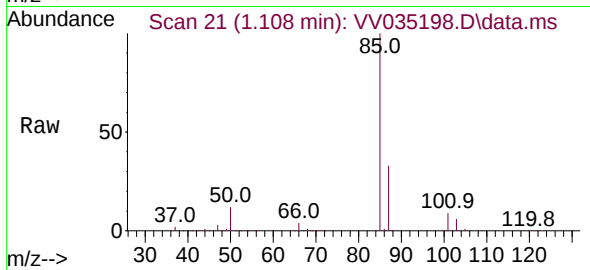




#2
 Dichlorodifluoromethane
 Concen: 27.290 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV035198.D
 Acq: 15 Apr 2024 13:53

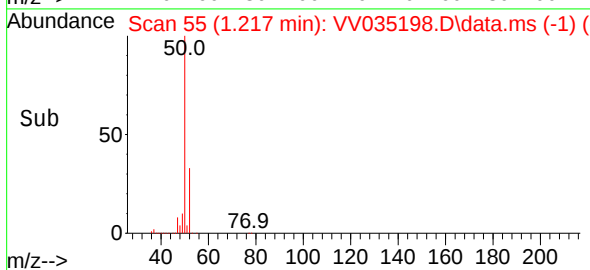
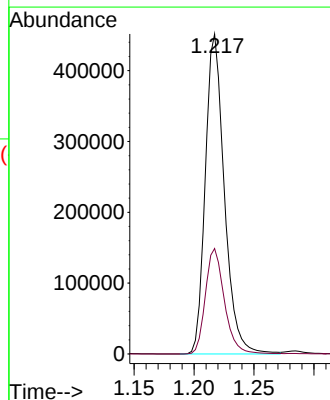
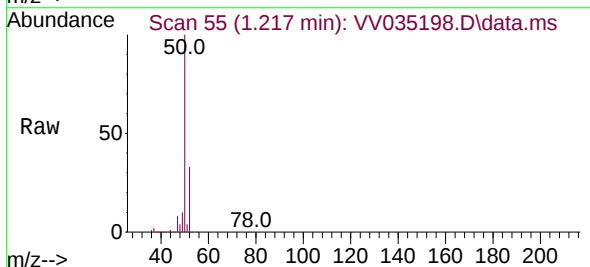
Instrument :
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 ClientSampleId :

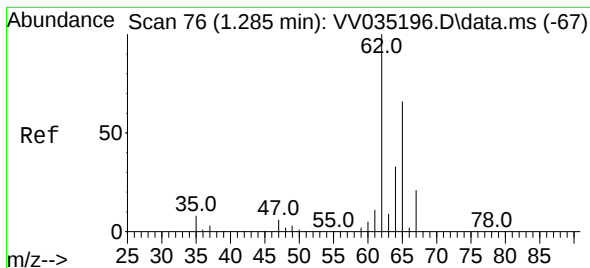
Tgt Ion: 85 Resp: 433009
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 26.916 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV035198.D
 Acq: 15 Apr 2024 13:53

Tgt Ion: 50 Resp: 499432
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.7 43.9





#5

Vinyl chloride

Concen: 27.820 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

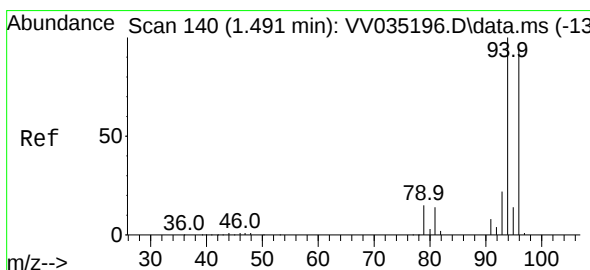
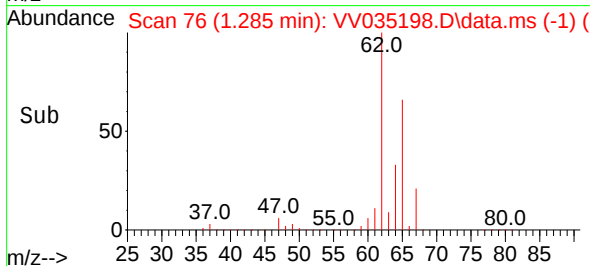
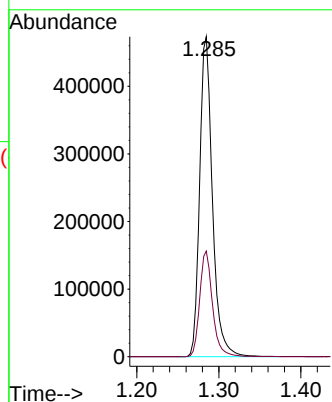
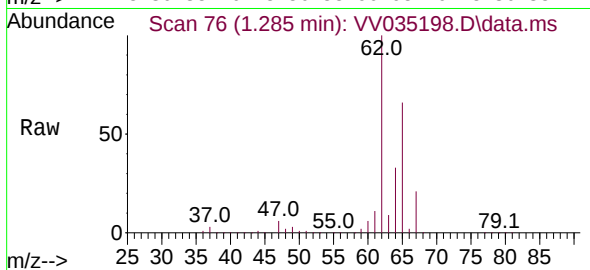
ClientSampleId :

Tgt Ion: 62 Resp: 510293

Ion Ratio Lower Upper

62 100

64 33.0 22.8 42.4



#6

Bromomethane

Concen: 28.731 ug/L

RT: 1.490 min Scan# 140

Delta R.T. -0.000 min

Lab File: VV035198.D

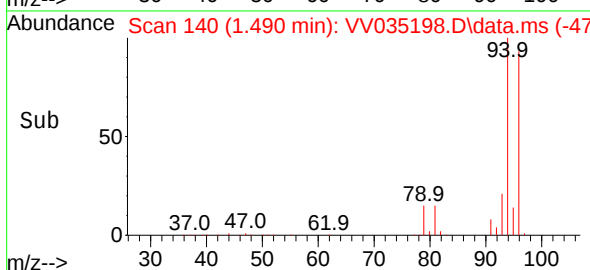
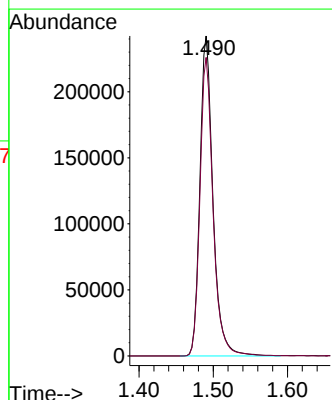
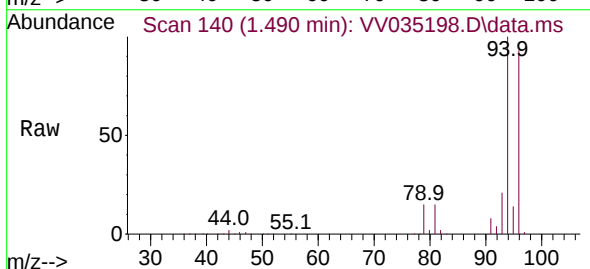
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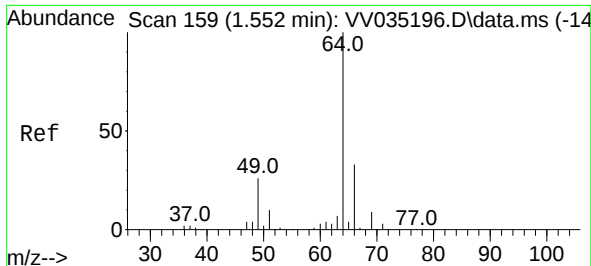
Tgt Ion: 94 Resp: 297570

Ion Ratio Lower Upper

94 100

96 93.3 65.7 122.1

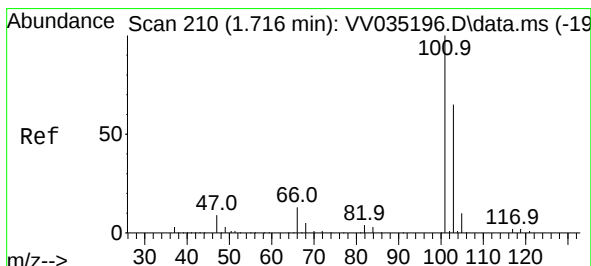
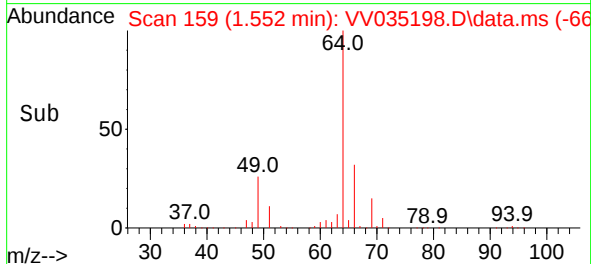
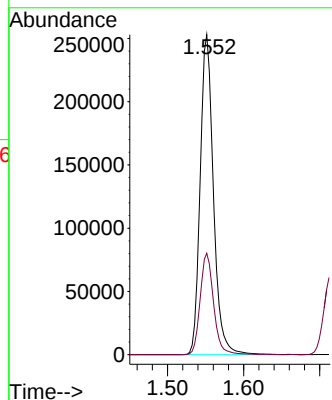
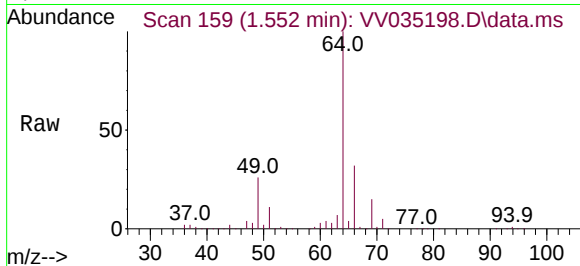




#8
Chloroethane
Concen: 24.149 ug/L
RT: 1.552 min Scan# 159
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

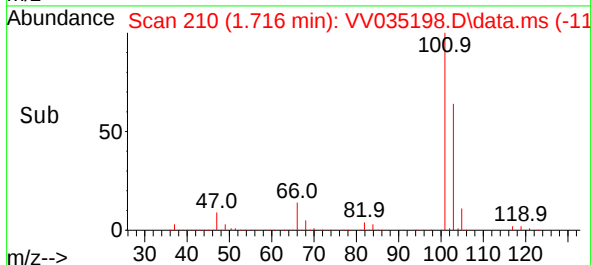
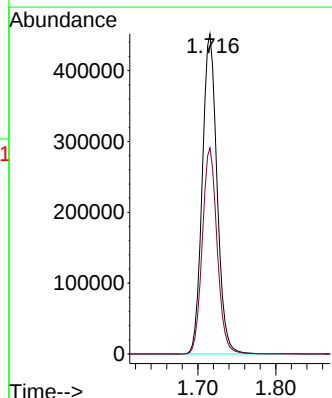
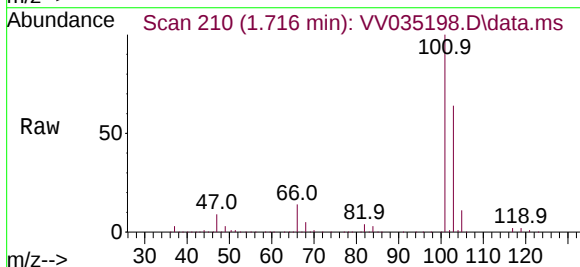
Instrument :
MSVOA_V
ClientSampleId :

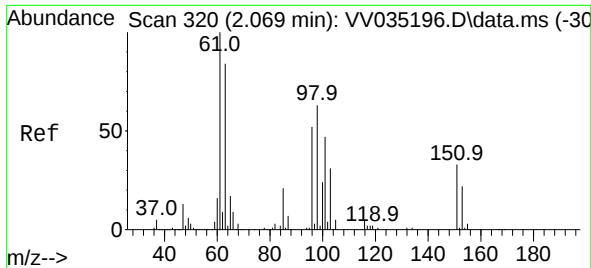
Tgt Ion: 64 Resp: 306288
Ion Ratio Lower Upper
64 100
66 31.7 23.0 42.6



#9
Trichlorofluoromethane
Concen: 21.326 ug/L
RT: 1.716 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Tgt Ion:101 Resp: 594887
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

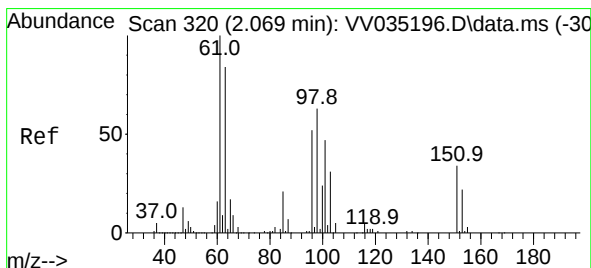
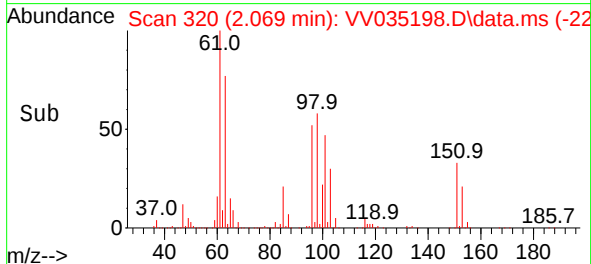
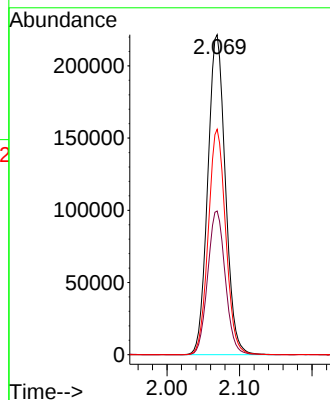
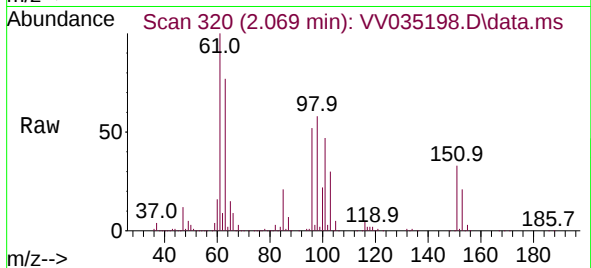




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.141 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV035198.D
 Acq: 15 Apr 2024 13:53

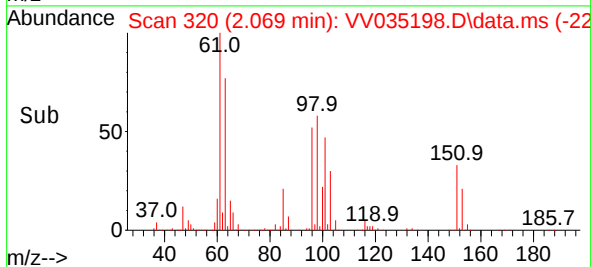
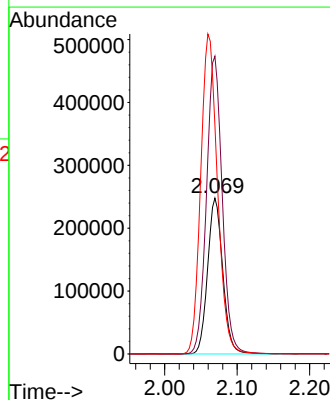
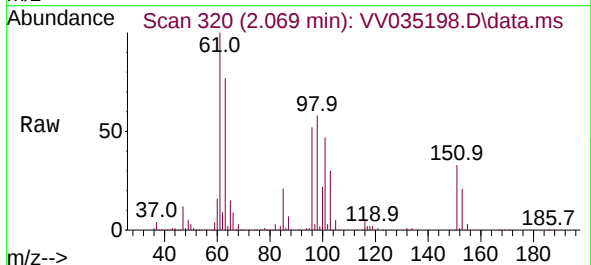
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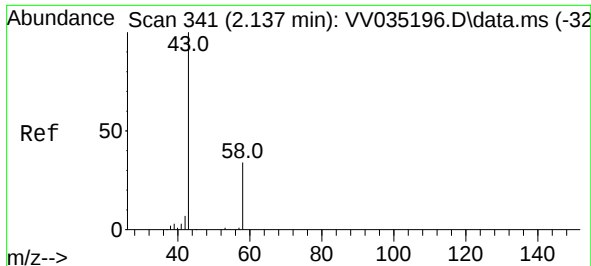
Tgt Ion:101 Resp: 373756
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.8 53.6
 151 69.8 56.2 84.2



#12
 1,1-Dichloroethene
 Concen: 24.244 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV035198.D
 Acq: 15 Apr 2024 13:53

Tgt Ion: 96 Resp: 358993
 Ion Ratio Lower Upper
 96 100
 61 191.1 133.5 247.9
 63 146.9 112.5 208.9





#13

Acetone

Concen: 43.065 ug/L

RT: 2.162 min Scan# 341

Delta R.T. 0.026 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

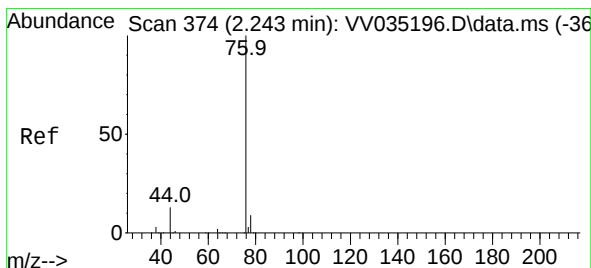
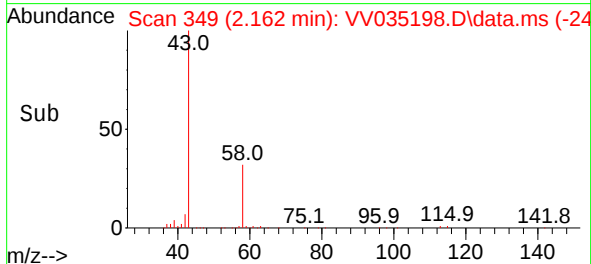
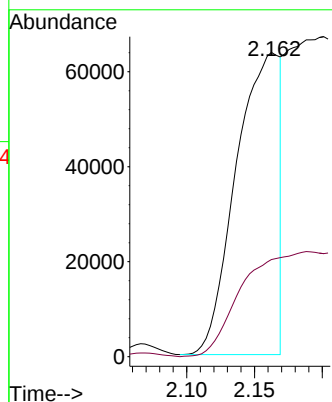
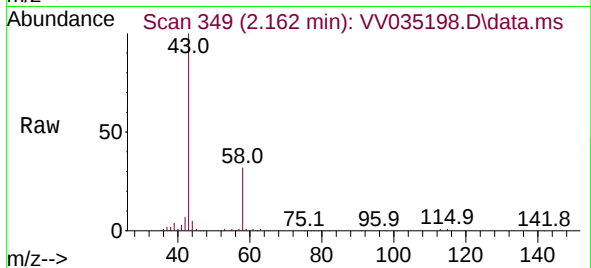
ClientSampleId :

Tgt Ion: 43 Resp: 142367

Ion Ratio Lower Upper

43 100

58 133.5 0.0 39.2#



#14

Carbon disulfide

Concen: 28.193 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV035198.D

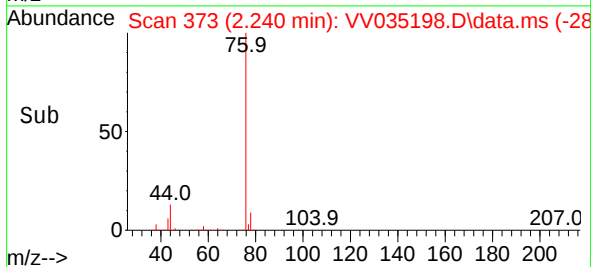
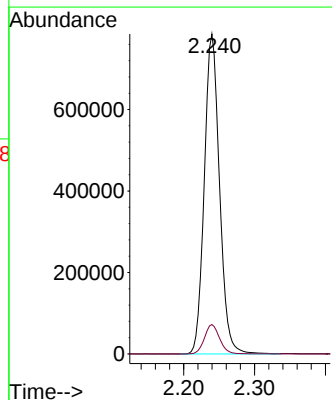
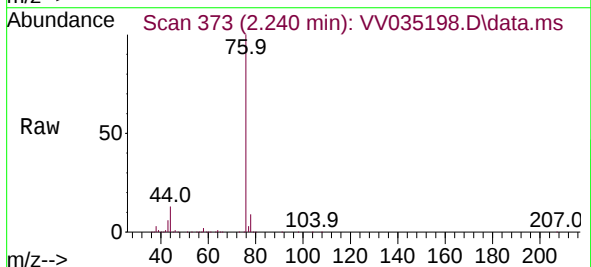
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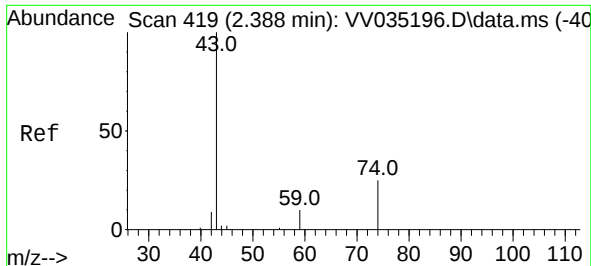
Tgt Ion: 76 Resp: 1170906

Ion Ratio Lower Upper

76 100

78 9.2 7.2 10.8





#15

Methyl Acetate

Concen: 30.791 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

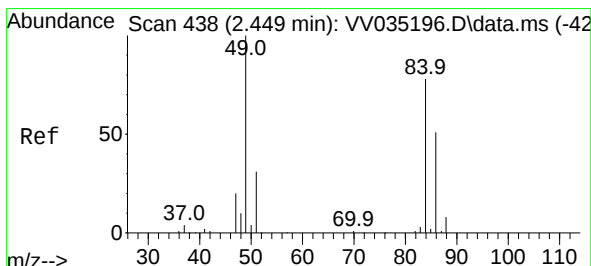
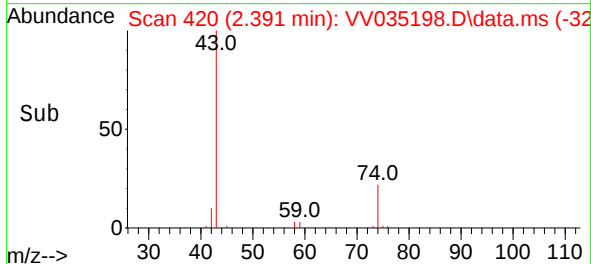
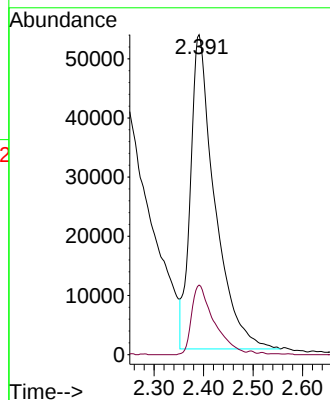
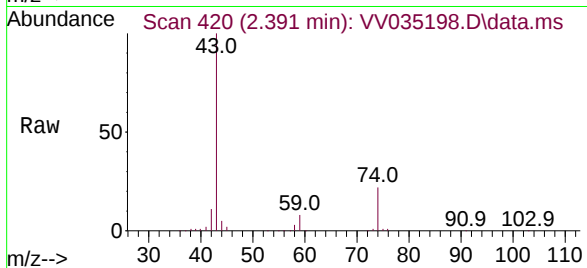
ClientSampleId :

Tgt Ion: 43 Resp: 181956

Ion Ratio Lower Upper

43 100

74 20.4 18.3 27.5



#16

Methylene chloride

Concen: 22.354 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.003 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

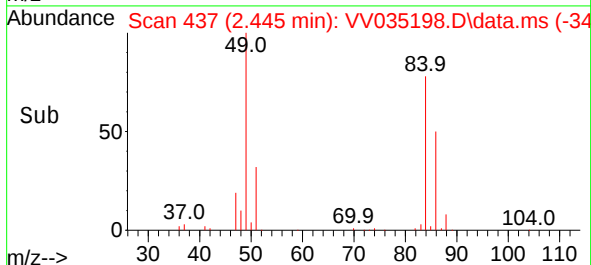
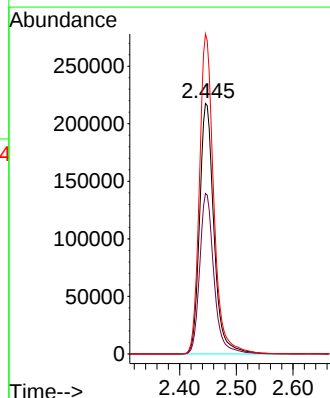
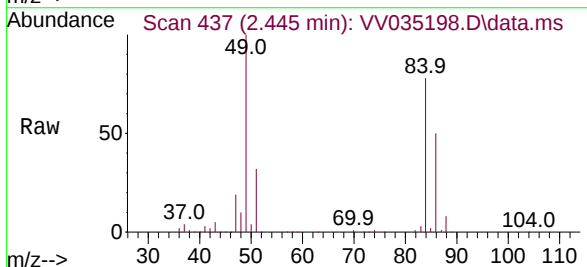
Tgt Ion: 84 Resp: 383454

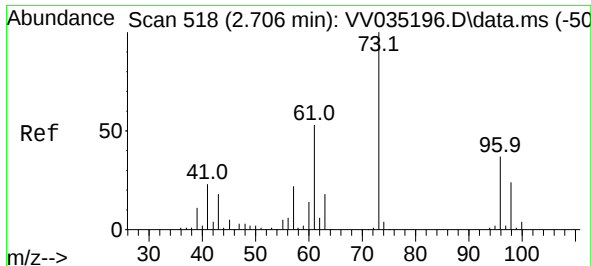
Ion Ratio Lower Upper

84 100

86 64.1 45.6 84.6

49 127.7 89.5 166.1





#17

Methyl tert-butyl Ether

Concen: 24.093 ug/L

RT: 2.706 min Scan# 518

Delta R.T. -0.000 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

ClientSampleId :

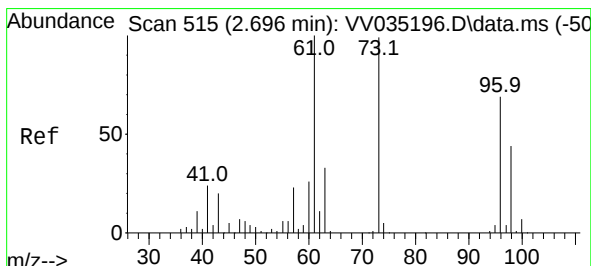
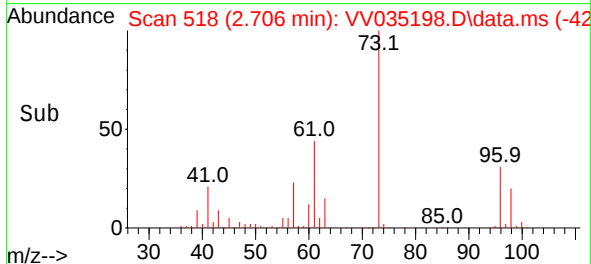
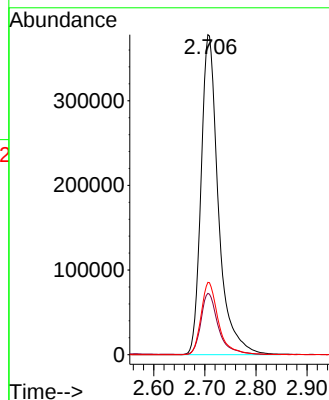
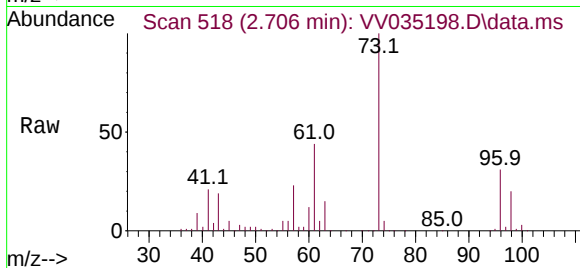
Tgt Ion: 73 Resp: 891098

Ion Ratio Lower Upper

73 100

43 19.0 15.7 23.5

57 22.6 18.1 27.1



#18

trans-1,2-Dichloroethene

Concen: 24.315 ug/L

RT: 2.693 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

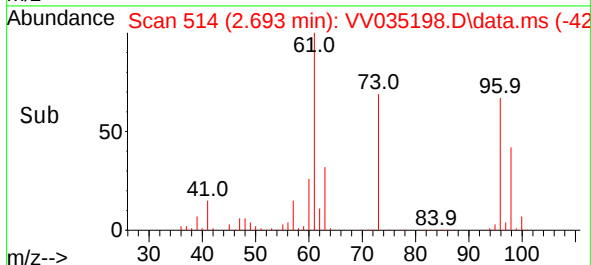
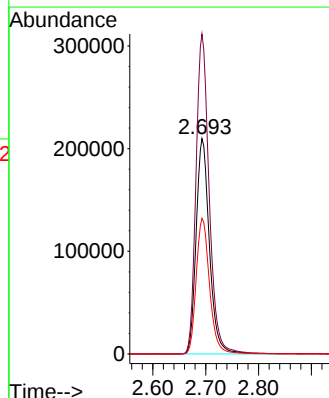
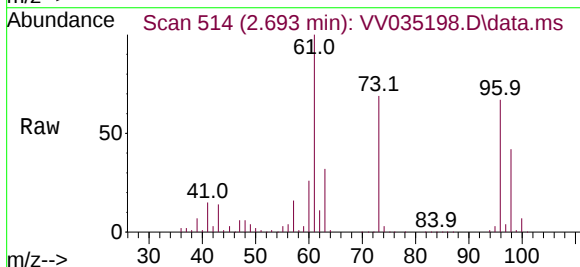
Tgt Ion: 96 Resp: 366965

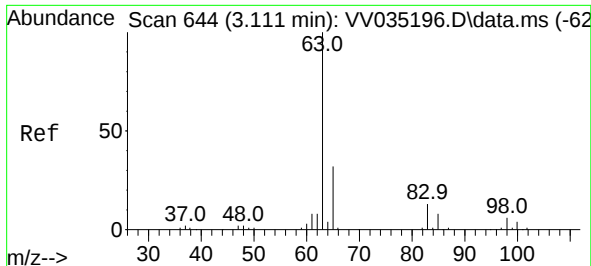
Ion Ratio Lower Upper

96 100

61 148.6 101.8 189.2

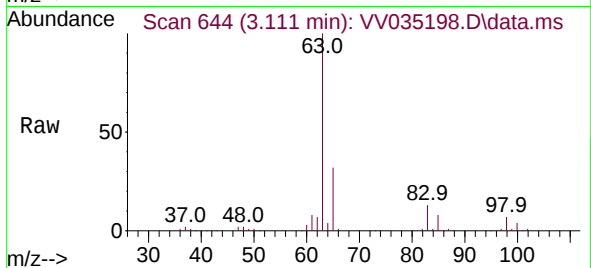
98 62.9 44.7 82.9



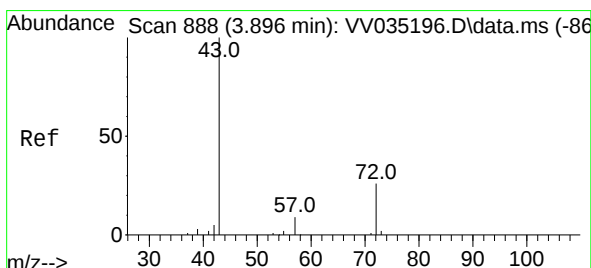
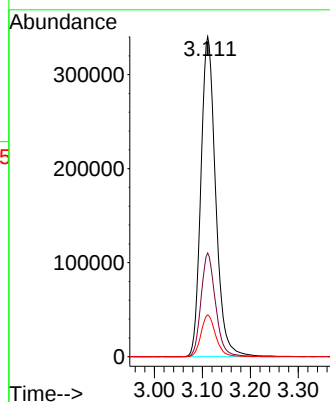
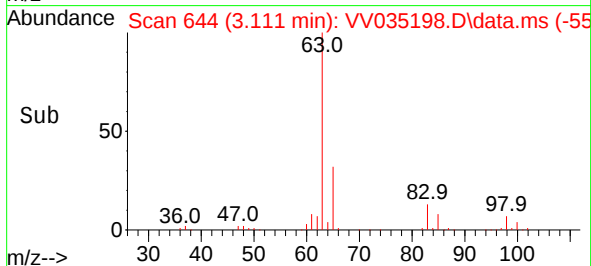


#19
1,1-Dichloroethane
Concen: 24.779 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Instrument :
MSVOA_V
ClientSampleId :

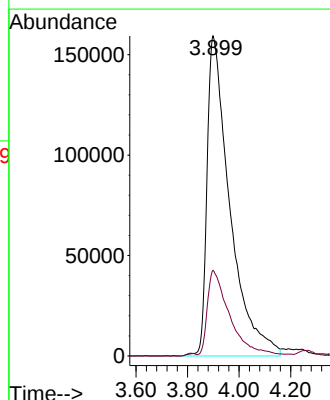
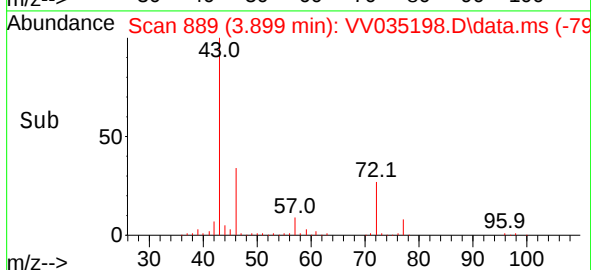
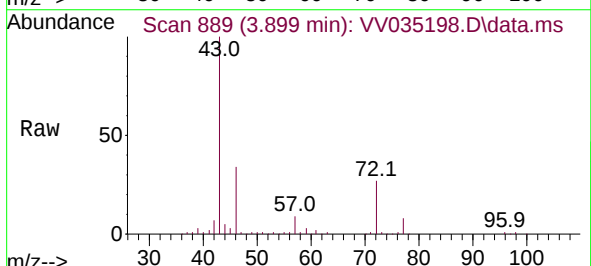


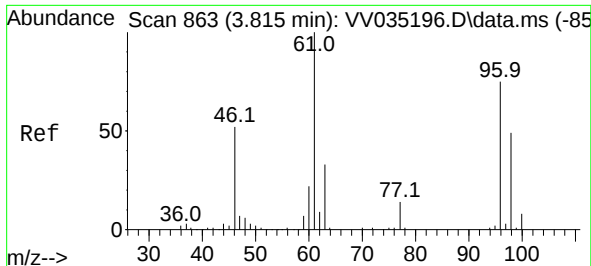
Tgt Ion: 63 Resp: 728097
Ion Ratio Lower Upper
63 100
65 32.4 22.2 41.2
83 13.1 9.4 17.4



#21
2-Butanone
Concen: 260.053 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.003 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Tgt Ion: 43 Resp: 977067
Ion Ratio Lower Upper
43 100
72 24.4 6.3 18.8#

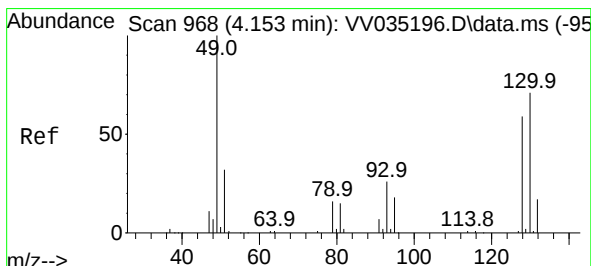
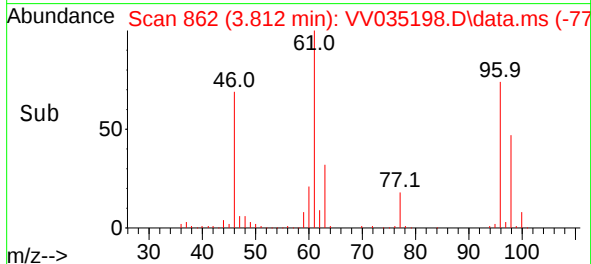
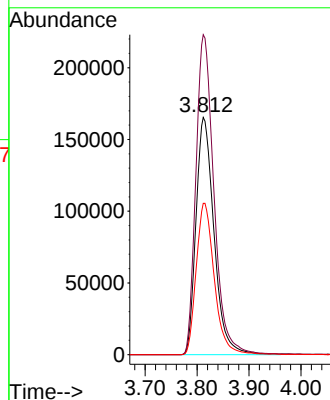
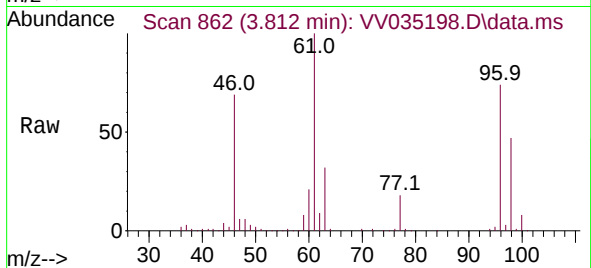




#22
cis-1,2-Dichloroethene
Concen: 24.449 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

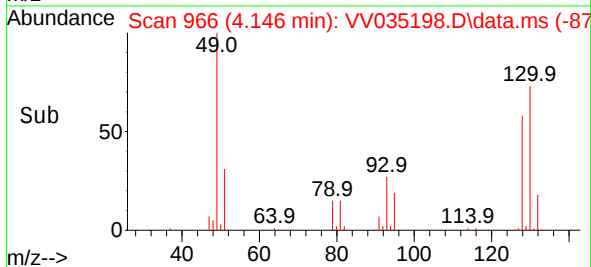
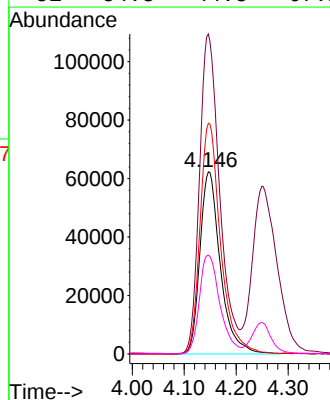
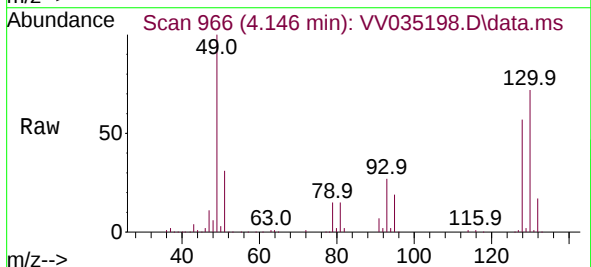
Instrument :
MSVOA_V
ClientSampleId :

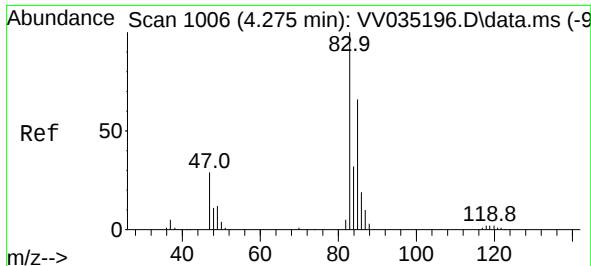
Tgt Ion: 96 Resp: 399012
Ion Ratio Lower Upper
96 100
61 134.8 92.8 172.4
98 63.8 45.5 84.5



#23
Bromochloromethane
Concen: 24.817 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.006 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Tgt Ion:128 Resp: 170016
Ion Ratio Lower Upper
128 100
49 175.7 119.8 222.4
130 126.7 85.2 158.2
51 54.3 44.8 67.2





#25

Chloroform

Concen: 23.307 ug/L

RT: 4.275 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

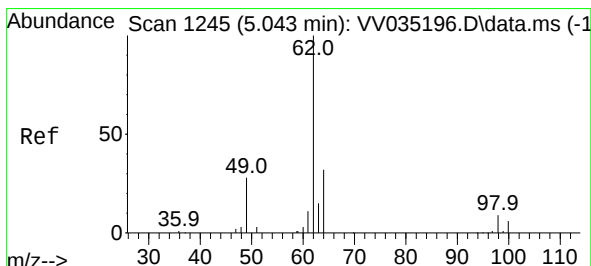
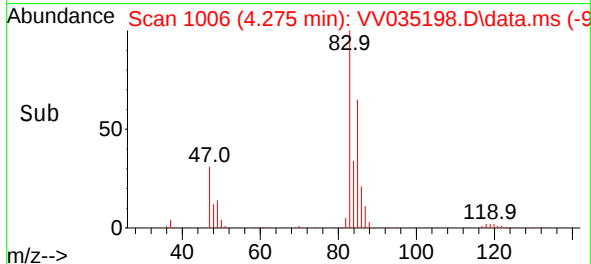
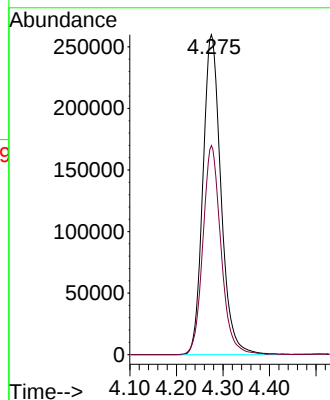
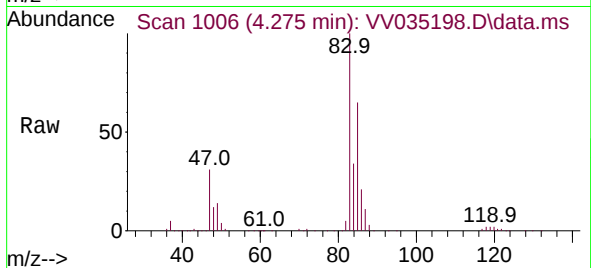
ClientSampleId :

Tgt Ion: 83 Resp: 699700

Ion Ratio Lower Upper

83 100

85 65.4 46.0 85.4



#27

1,2-Dichloroethane

Concen: 24.707 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VV035198.D

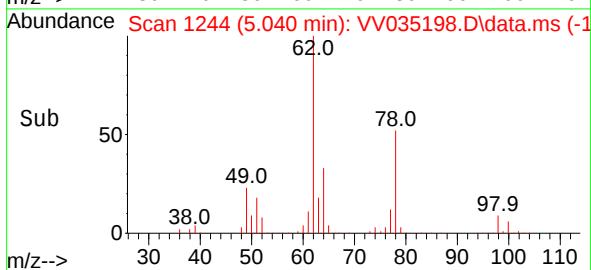
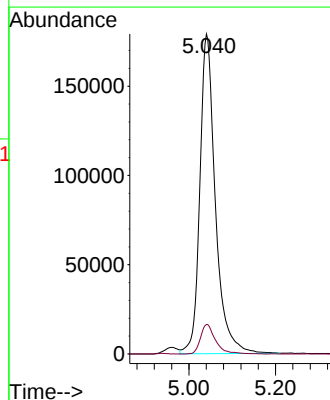
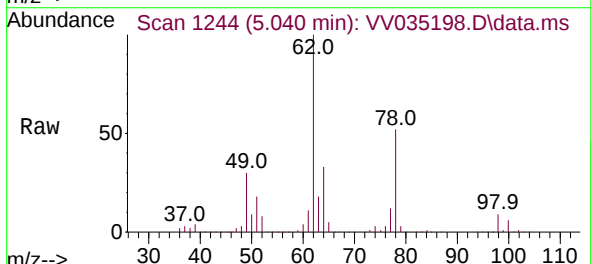
Acq: 15 Apr 2024 13:53

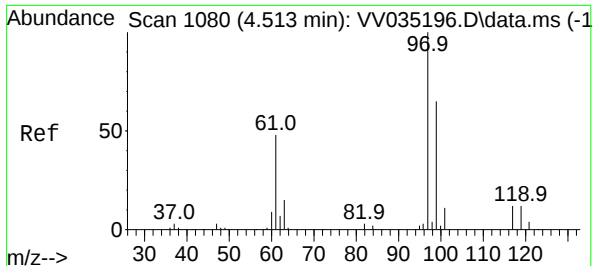
Tgt Ion: 62 Resp: 445991

Ion Ratio Lower Upper

62 100

98 9.2 7.3 10.9

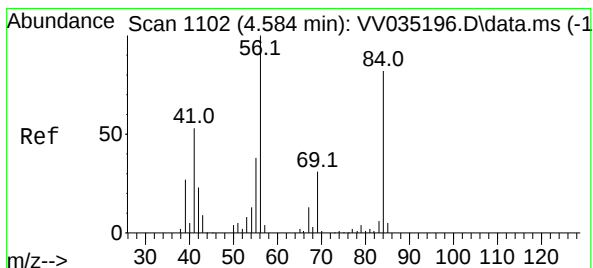
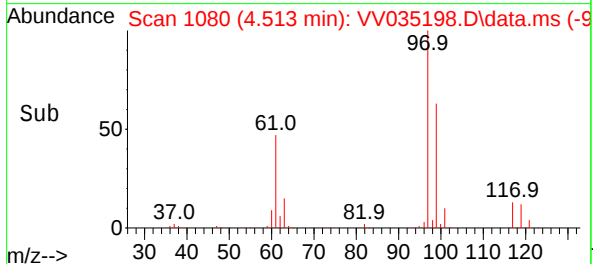
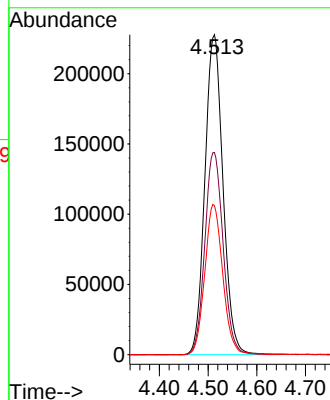
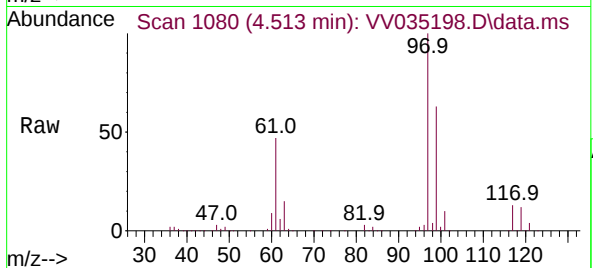




#29
1,1,1-Trichloroethane
Concen: 20.518 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

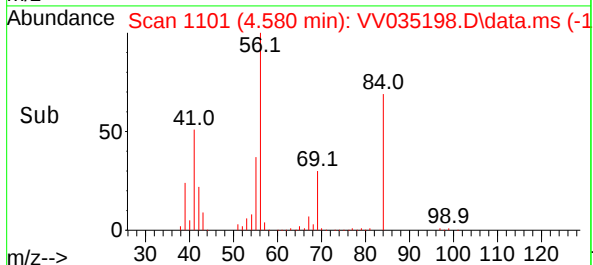
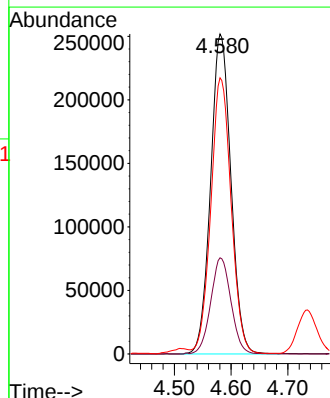
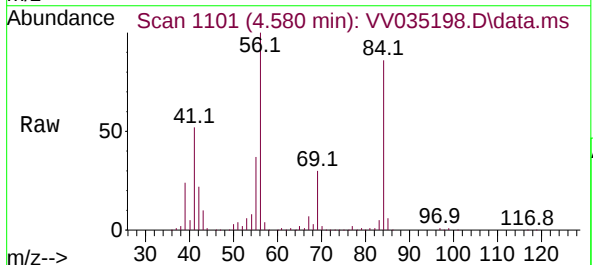
Instrument :
MSVOA_V
ClientSampleId :

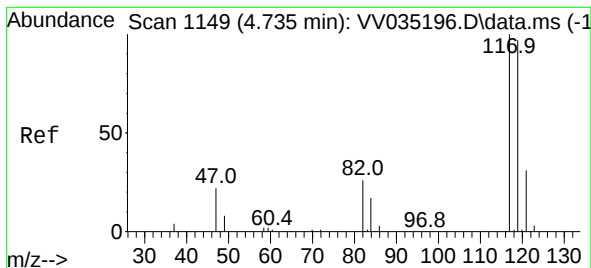
Tgt Ion: 97 Resp: 587930
Ion Ratio Lower Upper
97 100
99 63.9 51.4 77.2
61 46.8 38.3 57.5



#30
Cyclohexane
Concen: 24.819 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Tgt Ion: 56 Resp: 626598
Ion Ratio Lower Upper
56 100
69 29.9 24.8 37.2
84 86.2 69.4 104.2





#31

Carbon tetrachloride

Concen: 20.419 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

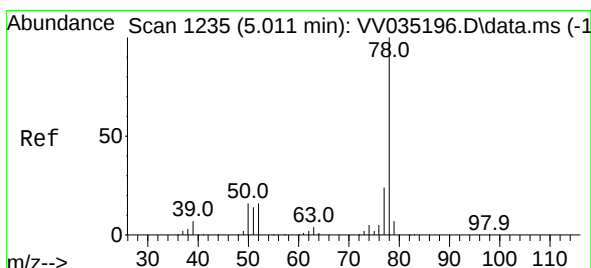
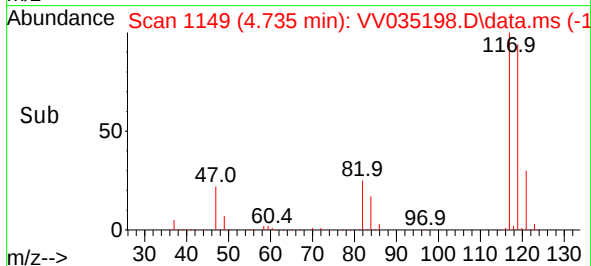
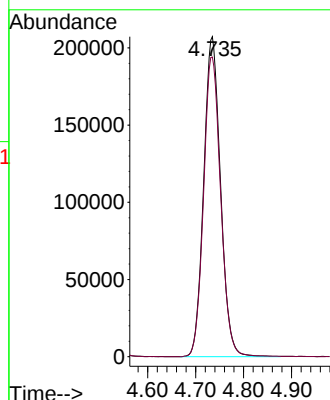
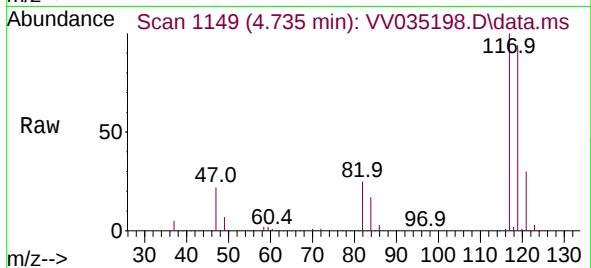
ClientSampleId :

Tgt Ion:117 Resp: 504651

Ion Ratio Lower Upper

117 100

119 95.4 77.0 115.6



#33

Benzene

Concen: 23.489 ug/L

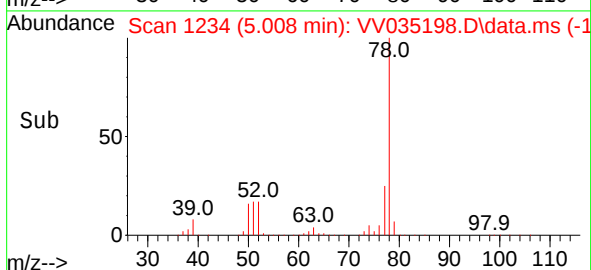
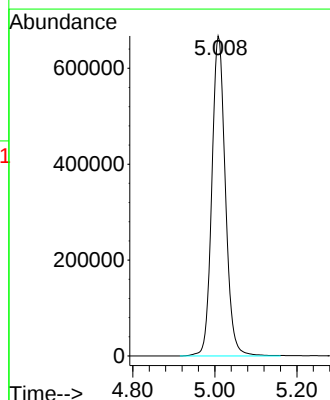
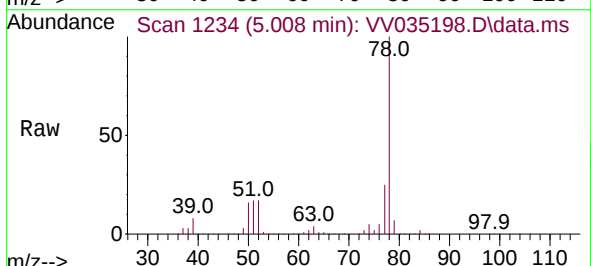
RT: 5.008 min Scan# 1234

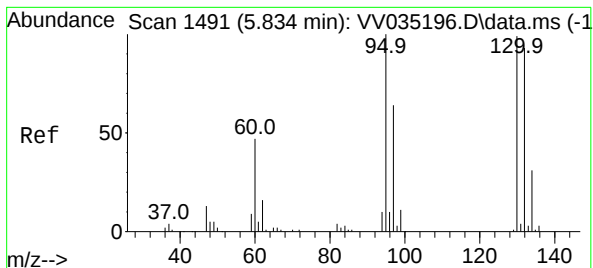
Delta R.T. -0.003 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Tgt Ion: 78 Resp: 1529539





#34

Trichloroethene

Concen: 23.393 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 397309

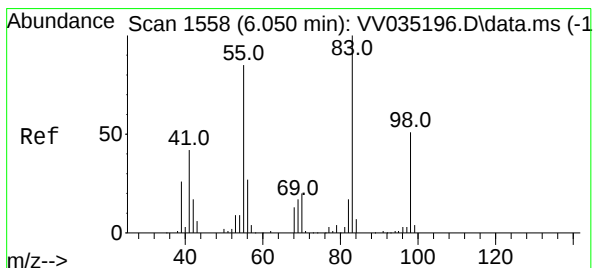
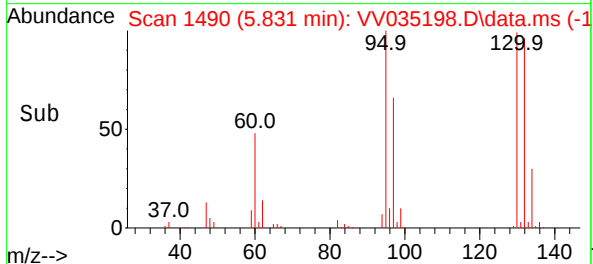
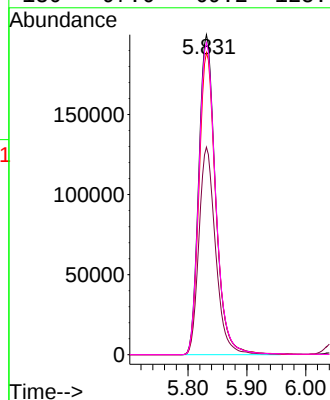
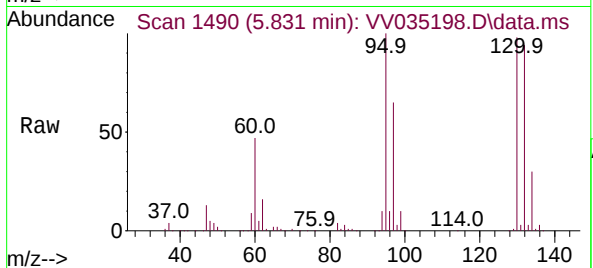
Ion Ratio Lower Upper

95 100

97 64.8 44.7 82.9

132 94.4 64.8 120.3

130 97.6 69.2 128.4



#35

Methylcyclohexane

Concen: 24.666 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

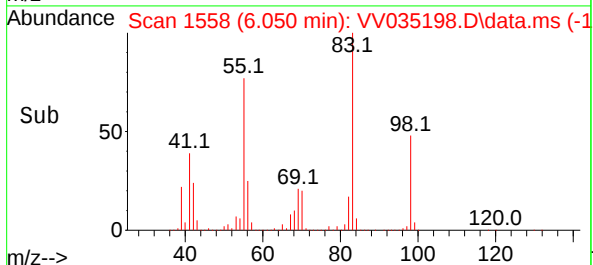
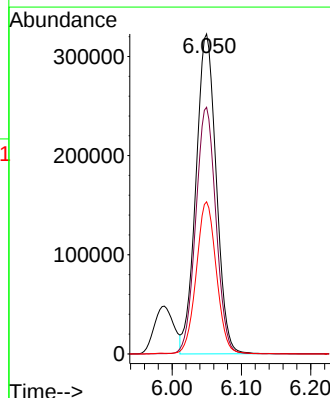
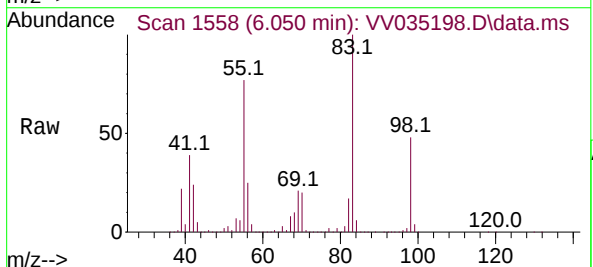
Tgt Ion: 83 Resp: 657273

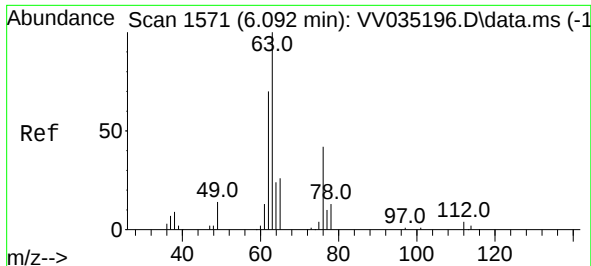
Ion Ratio Lower Upper

83 100

55 77.0 63.8 95.6

98 47.1 37.4 56.2





#37

1,2-Dichloropropane

Concen: 25.378 ug/L

RT: 6.092 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

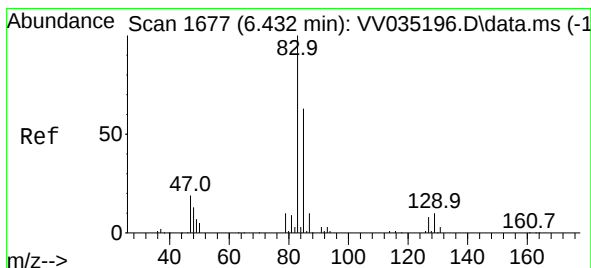
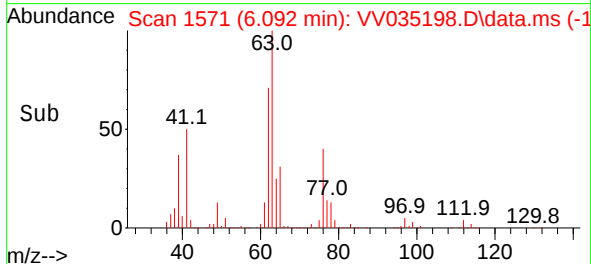
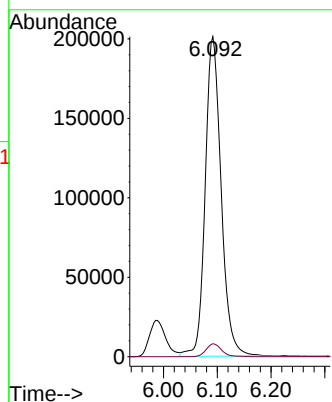
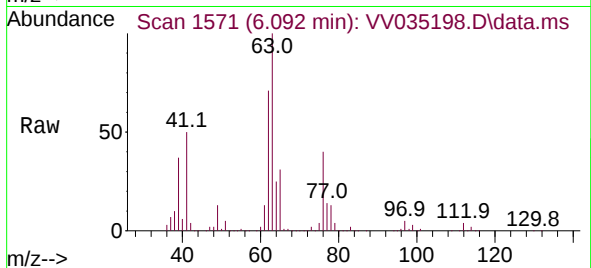
ClientSampleId :

Tgt Ion: 63 Resp: 414492

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 22.335 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. -0.003 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

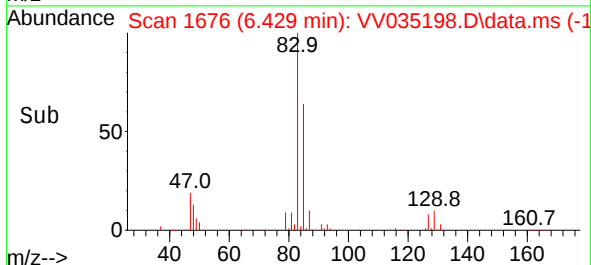
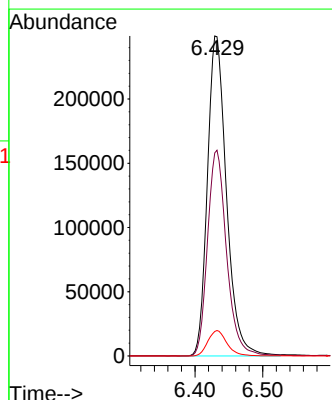
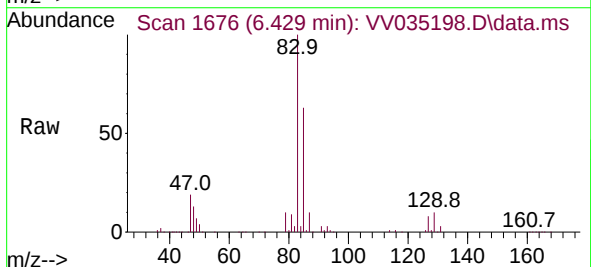
Tgt Ion: 83 Resp: 487463

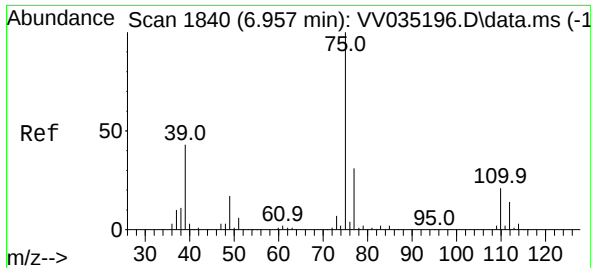
Ion Ratio Lower Upper

83 100

85 63.5 43.8 81.4

127 7.7 6.3 9.5

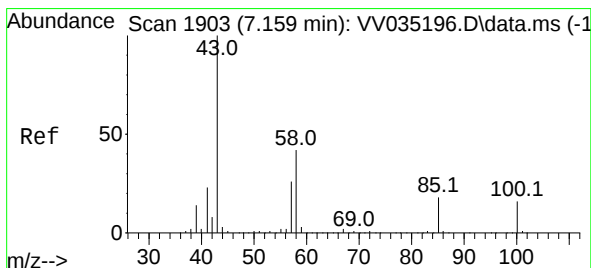
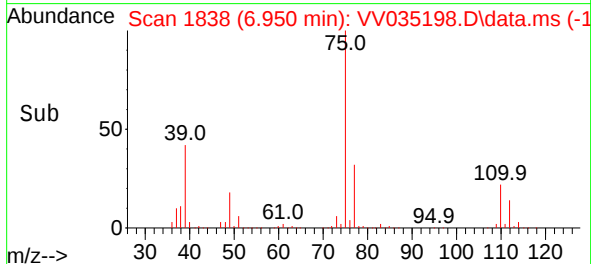
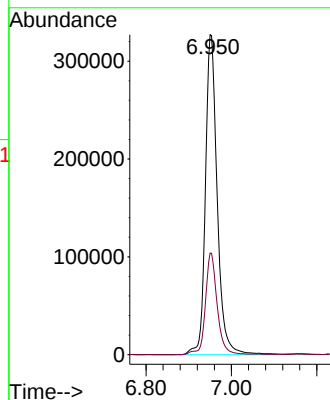
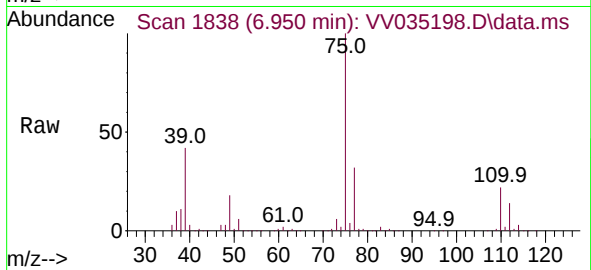




#39
 cis-1,3-Dichloropropene
 Concen: 28.026 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VV035198.D
 Acq: 15 Apr 2024 13:53

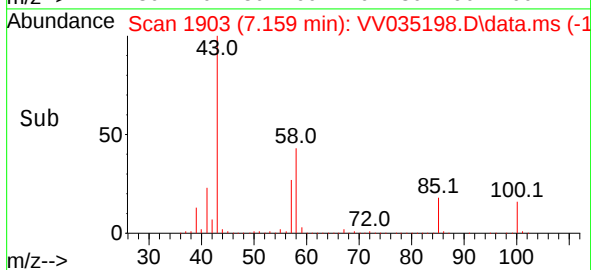
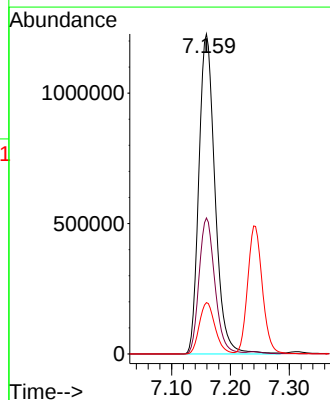
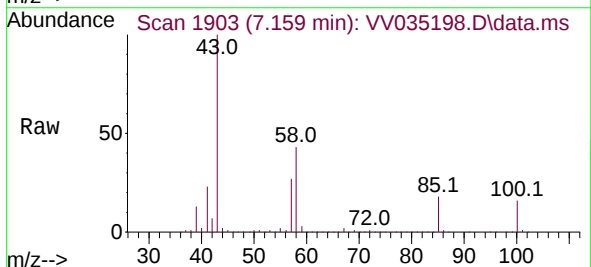
Instrument :
 MSVOA_V
 ClientSampleId :

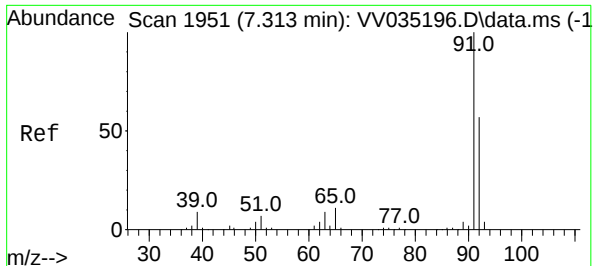
Tgt Ion: 75 Resp: 627153
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 240.463 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VV035198.D
 Acq: 15 Apr 2024 13:53

Tgt Ion: 43 Resp: 2333168
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.4 50.0
 100 15.7 10.6 15.8





#42

Toluene

Concen: 23.825 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

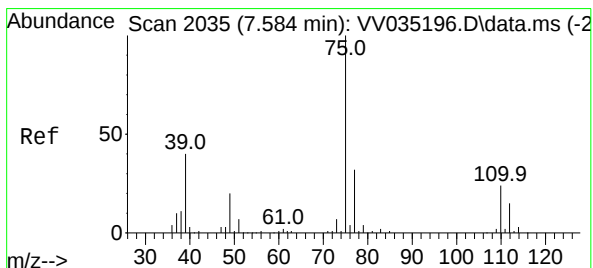
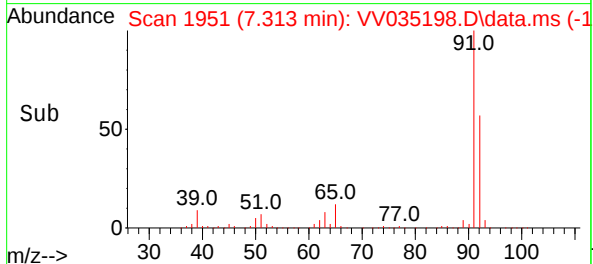
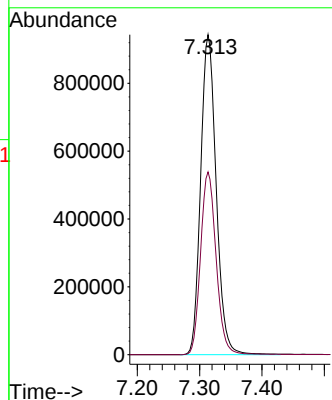
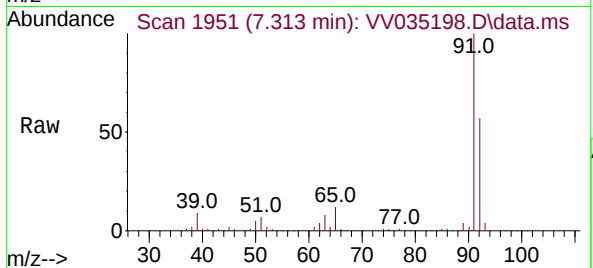
ClientSampleId :

Tgt Ion: 91 Resp: 1631910

Ion Ratio Lower Upper

91 100

92 57.1 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 28.030 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV035198.D

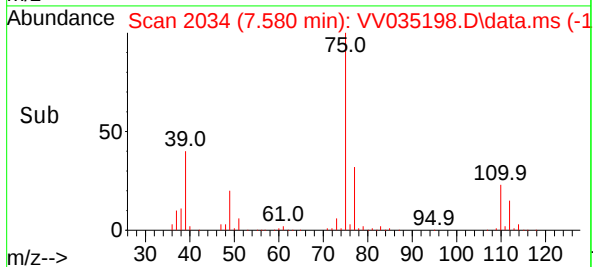
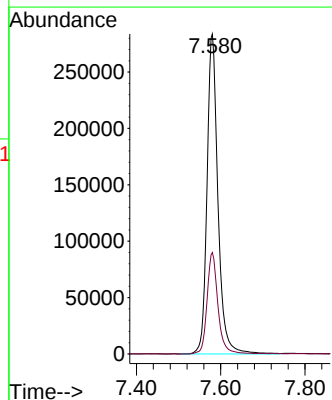
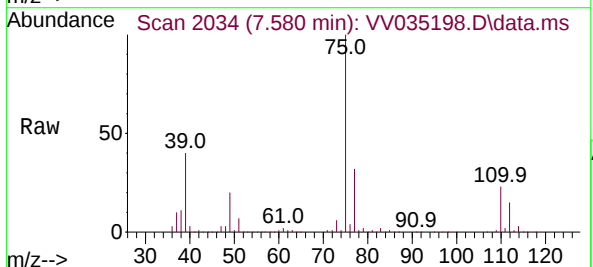
Acq: 15 Apr 2024 13:53

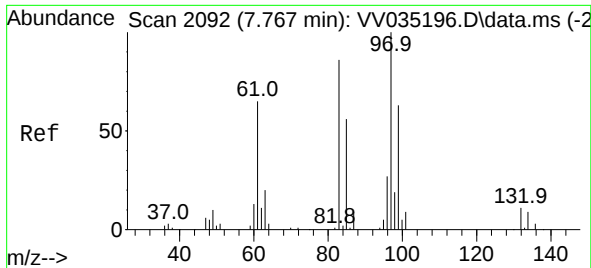
Tgt Ion: 75 Resp: 512583

Ion Ratio Lower Upper

75 100

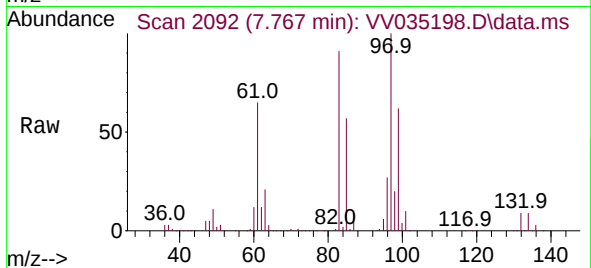
77 31.7 22.3 41.3





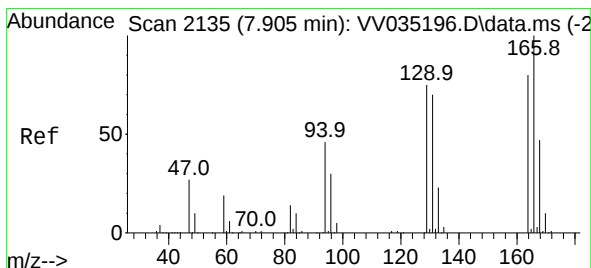
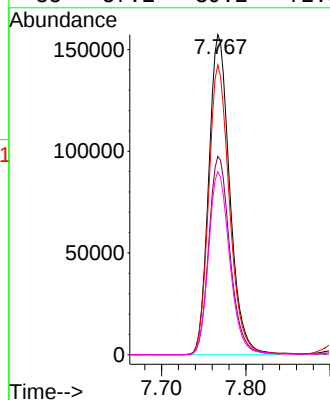
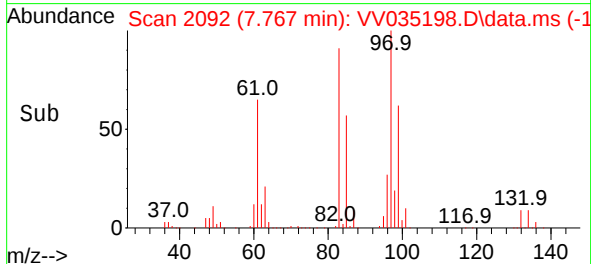
#45
1,1,2-Trichloroethane
Concen: 24.574 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 97 Resp: 272399

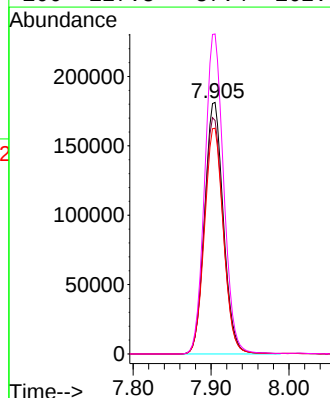
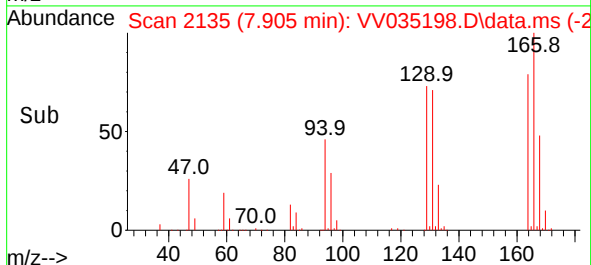
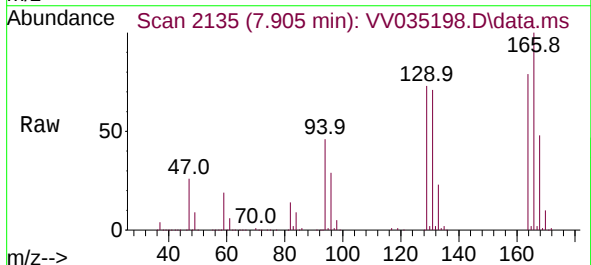
Ion	Ratio	Lower	Upper
97	100		
99	61.9	44.2	82.2
83	90.6	60.2	111.8
85	57.1	39.2	72.8

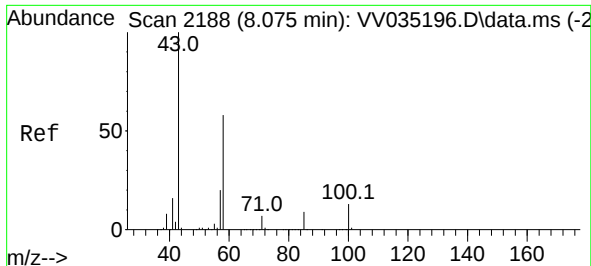


#47
Tetrachloroethene
Concen: 22.876 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Tgt Ion: 164 Resp: 304179

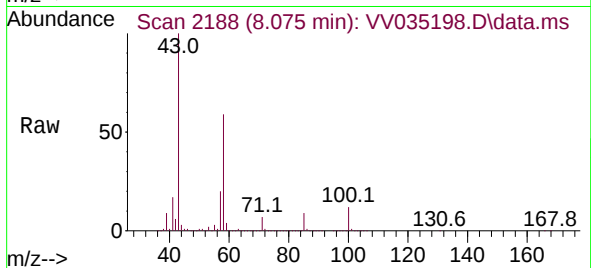
Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.3	121.3
131	89.8	60.9	113.1
166	127.3	87.4	162.4



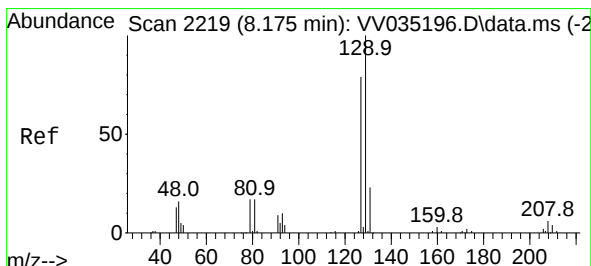
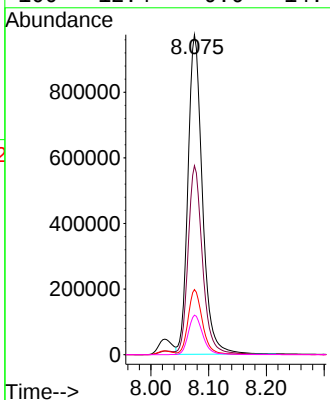
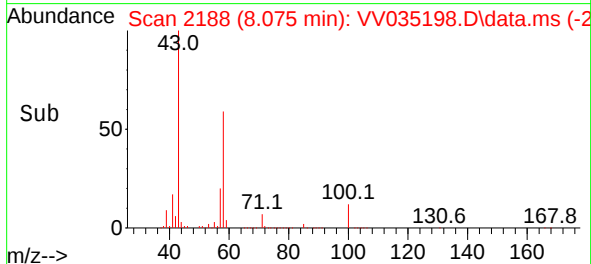


#48
2-Hexanone
Concen: 241.544 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Instrument :
MSVOA_V
ClientSampleId :

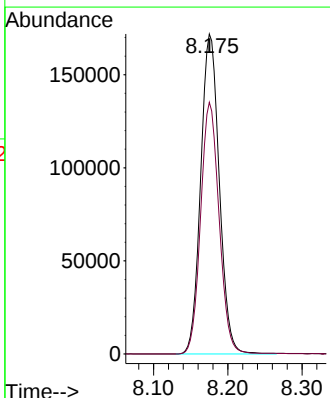
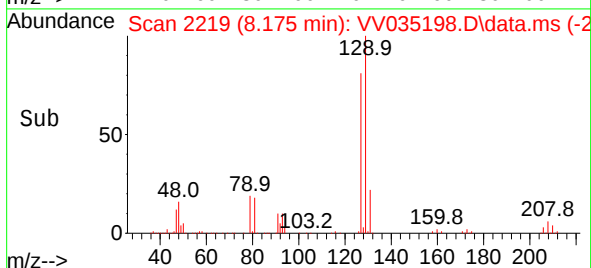
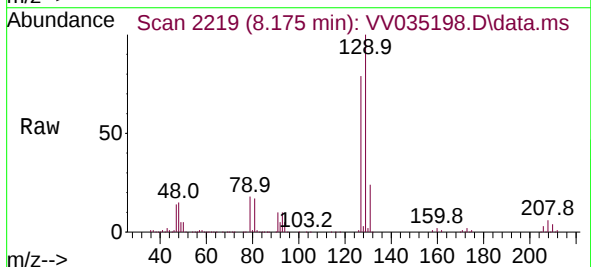


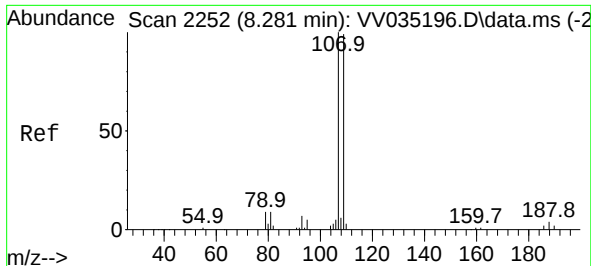
Tgt Ion: 43 Resp: 1691519
Ion Ratio Lower Upper
43 100
58 59.2 45.2 67.8
57 20.3 15.5 23.3
100 12.4 9.6 14.4



#49
Dibromochloromethane
Concen: 23.797 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

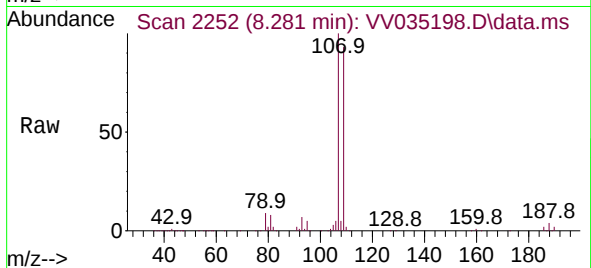
Tgt Ion: 129 Resp: 298489
Ion Ratio Lower Upper
129 100
127 78.7 55.2 102.6



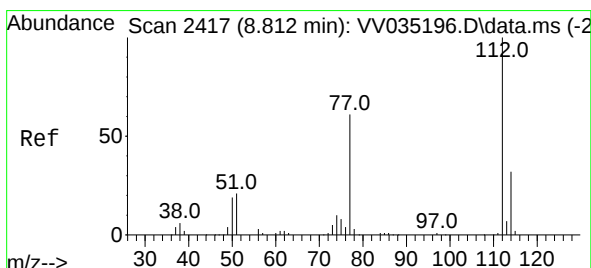
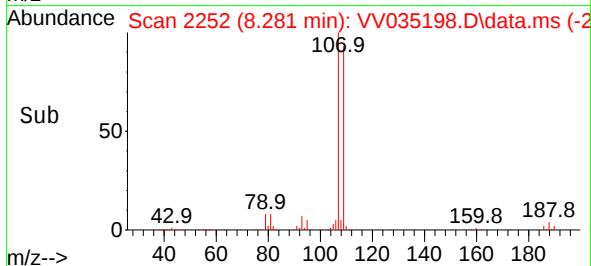
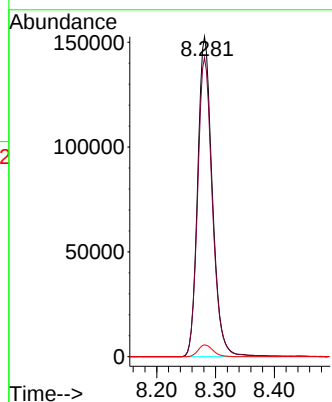


#50
1,2-Dibromoethane
Concen: 25.460 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Instrument :
MSVOA_V
ClientSampleId :

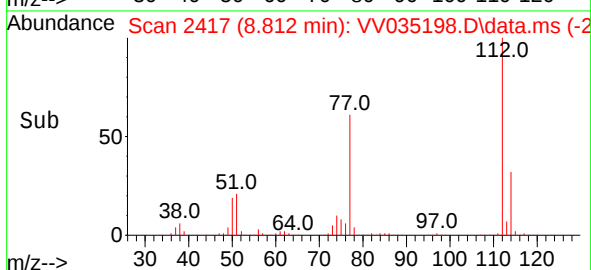
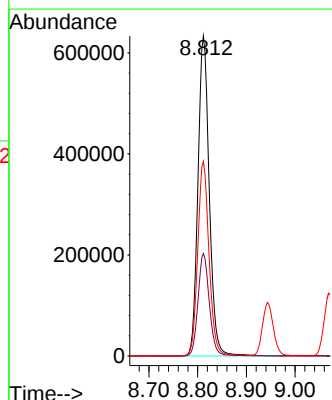
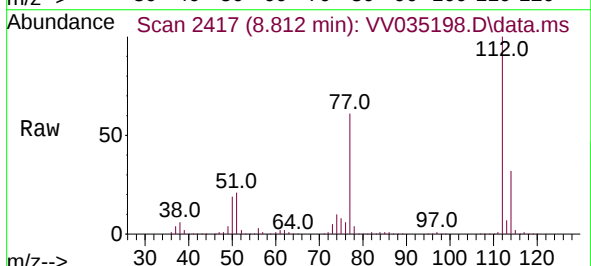


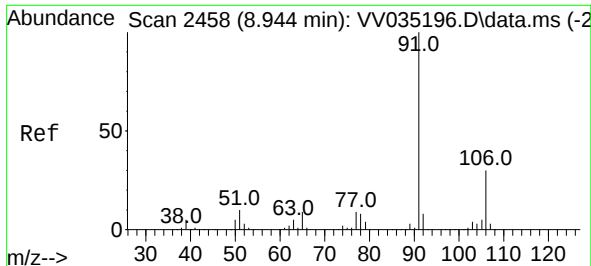
Tgt Ion:107 Resp: 263690
Ion Ratio Lower Upper
107 100
109 93.5 69.1 128.3
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 23.305 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Tgt Ion:112 Resp: 1025056
Ion Ratio Lower Upper
112 100
114 32.1 22.0 41.0
77 60.8 49.0 73.6

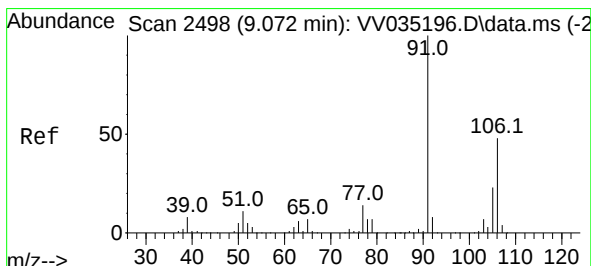
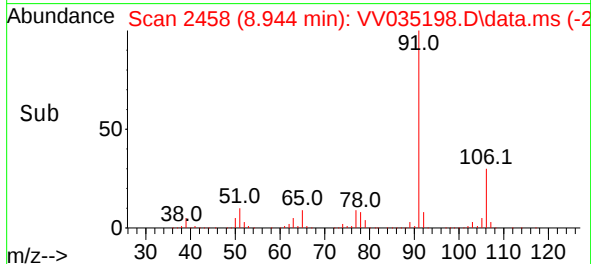
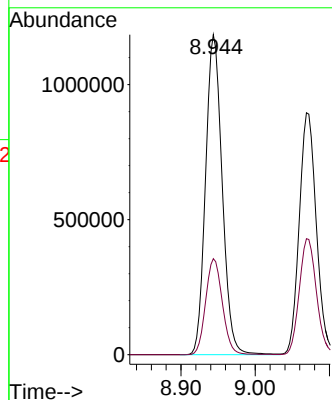
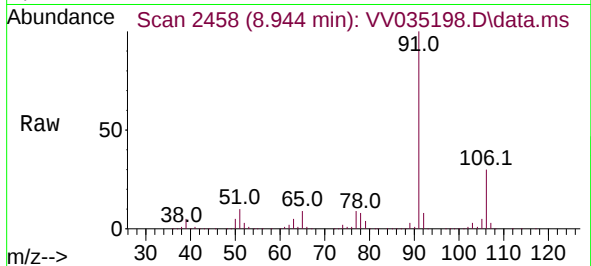




#52
Ethylbenzene
Concen: 24.241 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

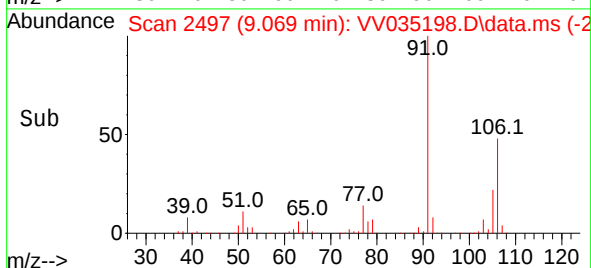
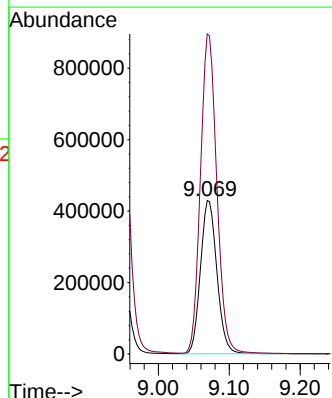
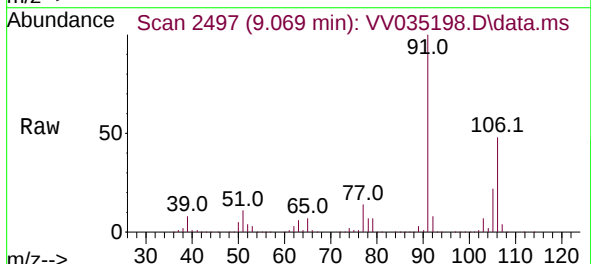
Instrument :
MSVOA_V
ClientSampleId :

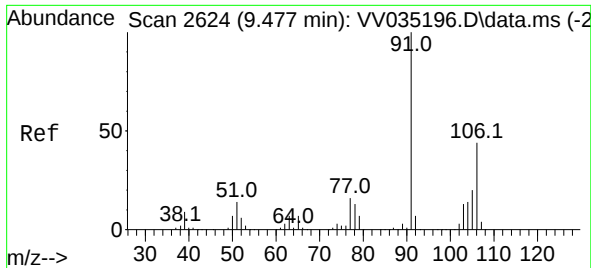
Tgt Ion: 91 Resp: 1838259
Ion Ratio Lower Upper
91 100
106 30.0 21.3 39.5



#53
m,p-Xylene
Concen: 24.494 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Tgt Ion:106 Resp: 690668
Ion Ratio Lower Upper
106 100
91 208.6 147.1 273.3

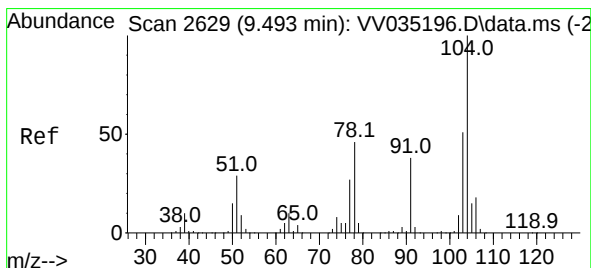
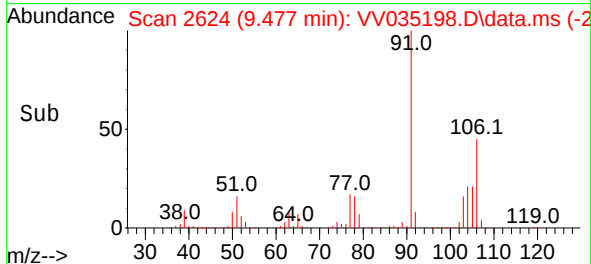
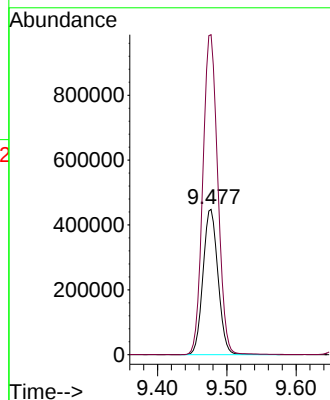
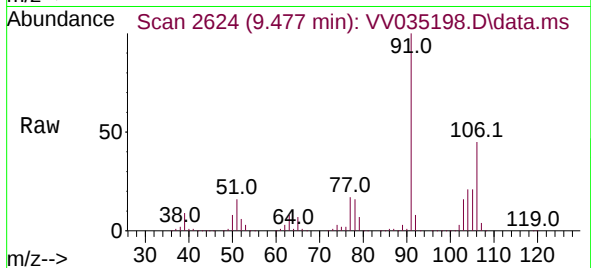




#54
o-Xylene
Concen: 24.106 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

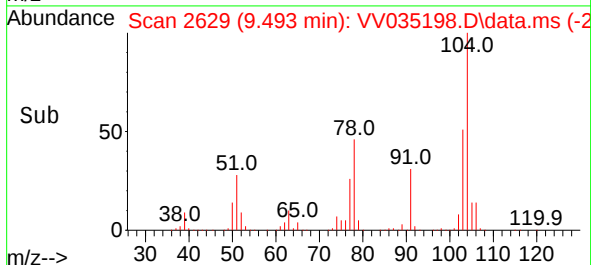
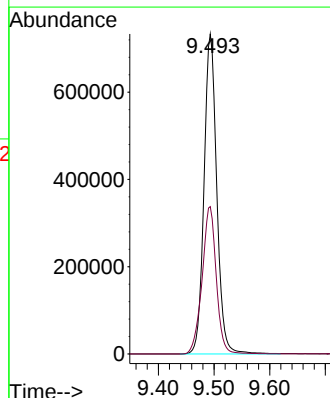
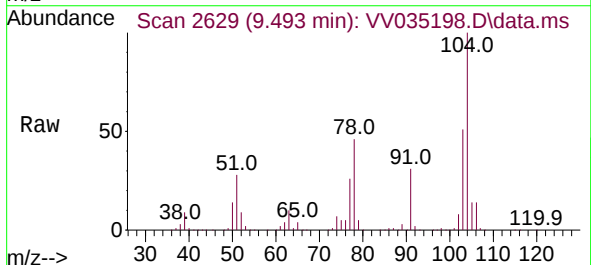
Instrument :
MSVOA_V
ClientSampleId :

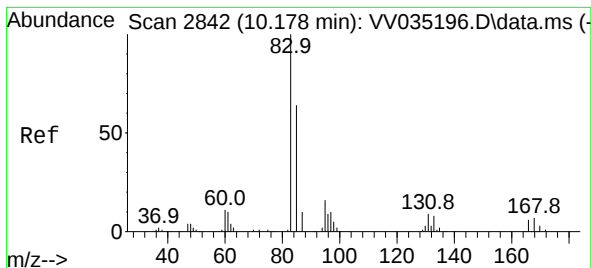
Tgt Ion:106 Resp: 671976
Ion Ratio Lower Upper
106 100
91 220.2 157.7 292.9



#55
Styrene
Concen: 25.591 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

Tgt Ion:104 Resp: 1167333
Ion Ratio Lower Upper
104 100
78 46.0 32.4 60.2

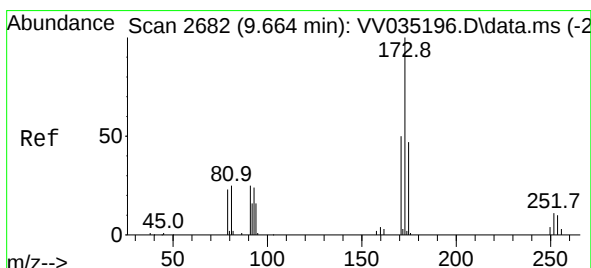
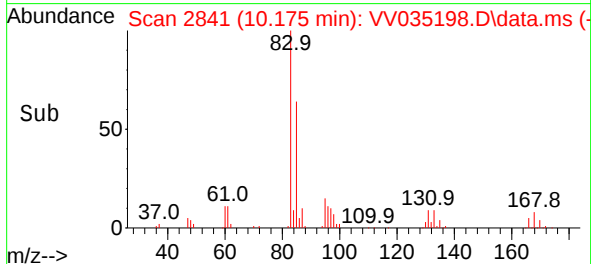
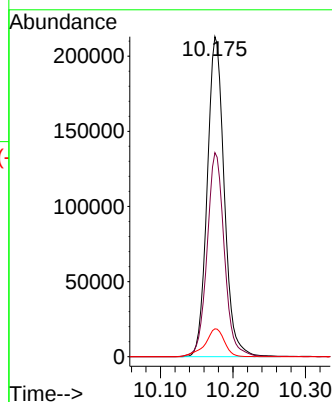
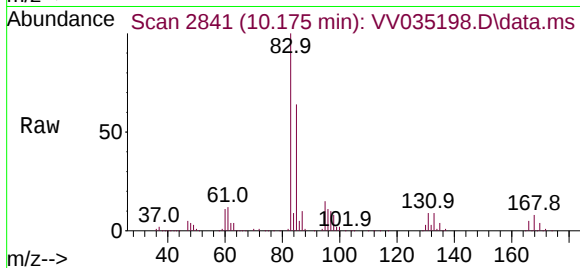




#57
1,1,2,2-Tetrachloroethane
Concen: 25.843 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

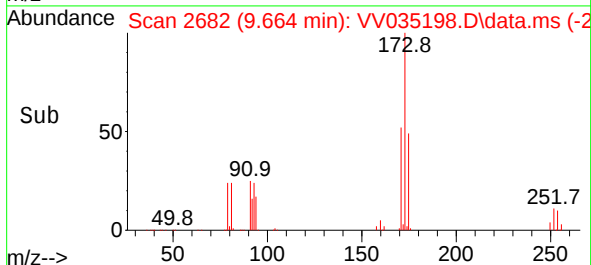
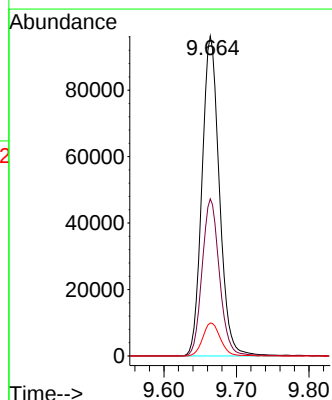
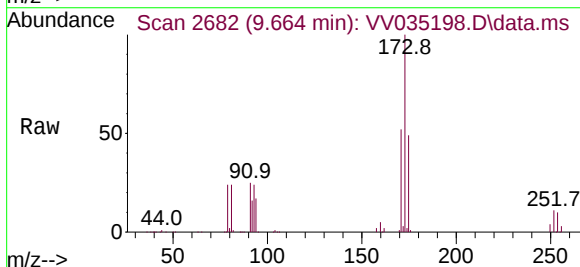
Instrument :
MSVOA_V
ClientSampleId :

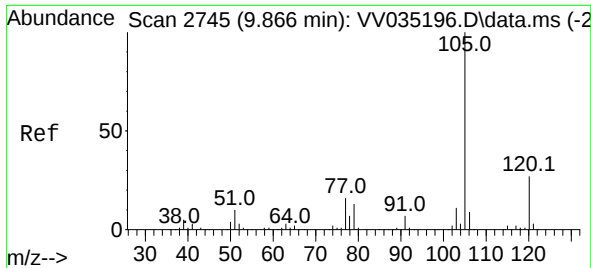
Tgt Ion: 83 Resp: 347193
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.5
131 8.7 7.8 11.6



#59
Bromoform
Concen: 24.287 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

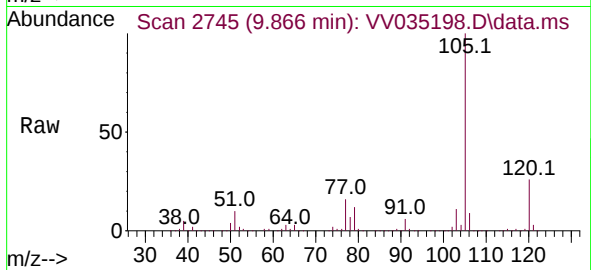
Tgt Ion: 173 Resp: 160490
Ion Ratio Lower Upper
173 100
175 48.9 38.6 57.8
254 10.5 8.2 12.2



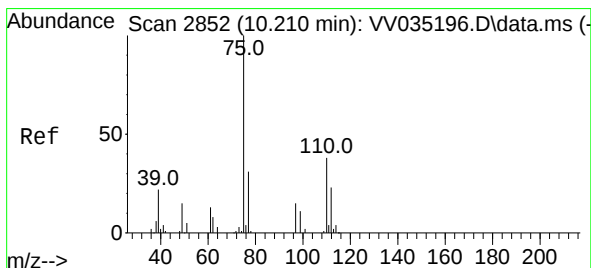
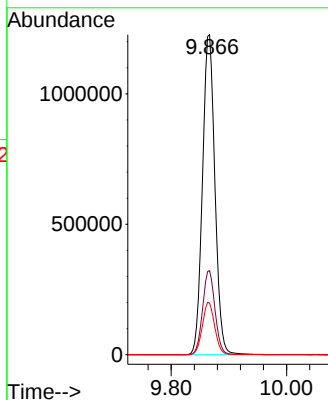
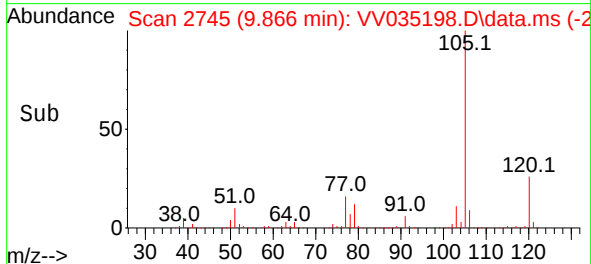


#60
Isopropylbenzene
Concen: 23.758 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53

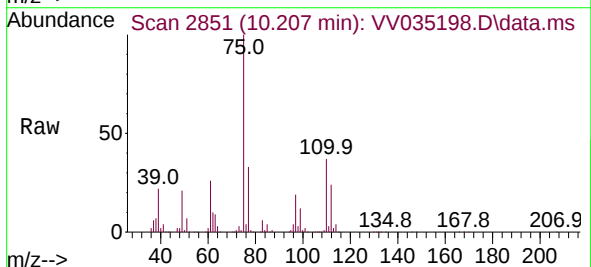
Instrument :
MSVOA_V
ClientSampleId :



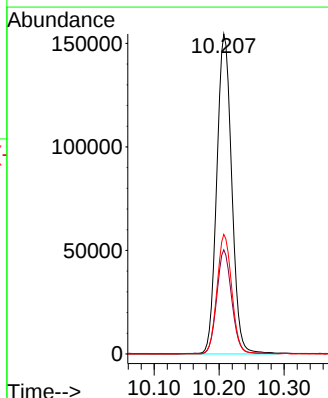
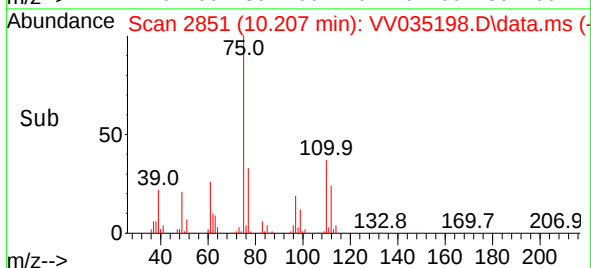
Tgt Ion:105 Resp: 1834708
Ion Ratio Lower Upper
105 100
120 26.1 21.1 31.7
77 16.2 13.1 19.7

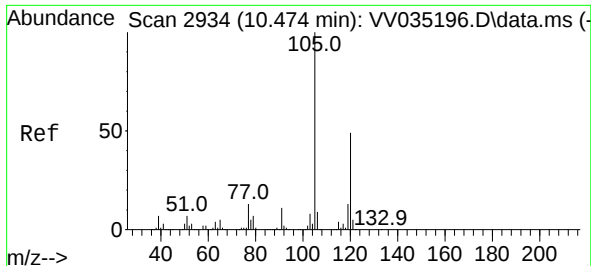


#61
1,2,3-Trichloropropane
Concen: 24.060 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV035198.D
Acq: 15 Apr 2024 13:53



Tgt Ion: 75 Resp: 246430
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
110 37.0 29.6 44.4





#62

1,3,5-Trimethylbenzene

Concen: 23.322 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

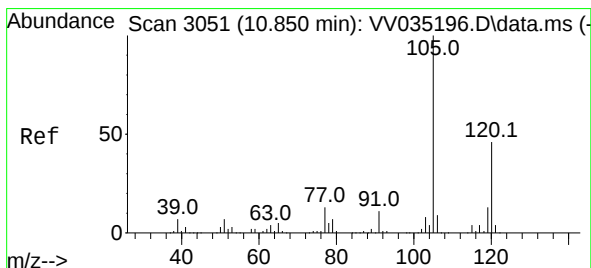
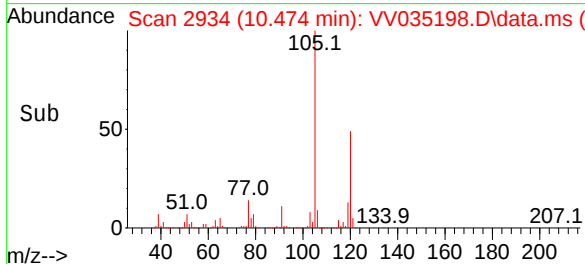
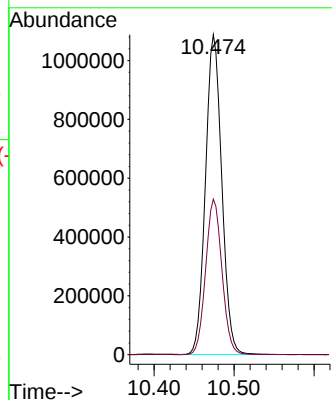
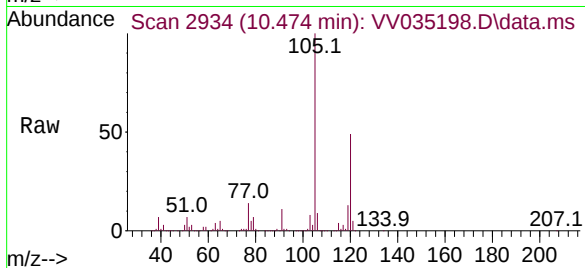
ClientSampleId :

Tgt Ion:105 Resp: 1541924

Ion Ratio Lower Upper

105 100

120 48.7 39.3 58.9



#63

1,2,4-Trimethylbenzene

Concen: 23.318 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035198.D

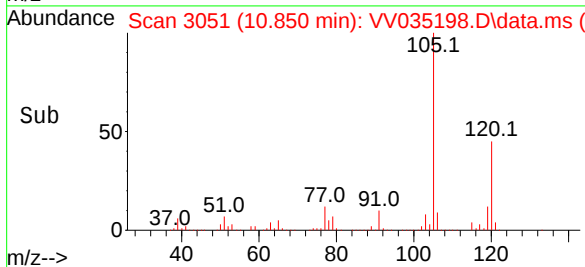
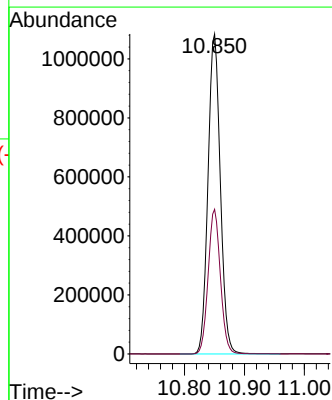
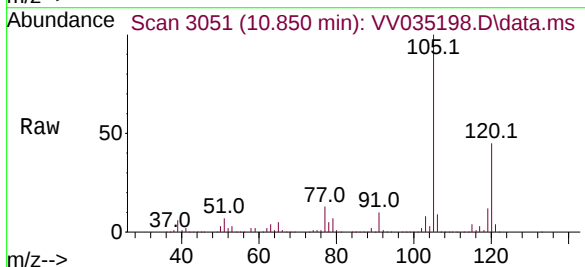
Acq: 15 Apr 2024 13:53

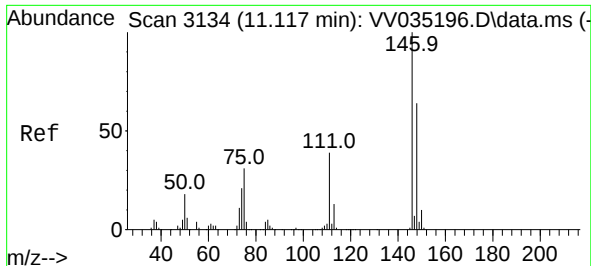
Tgt Ion:105 Resp: 1549586

Ion Ratio Lower Upper

105 100

120 45.0 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 22.615 ug/L

RT: 11.114 min Scan# 3113

Delta R.T. -0.003 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

ClientSampleId :

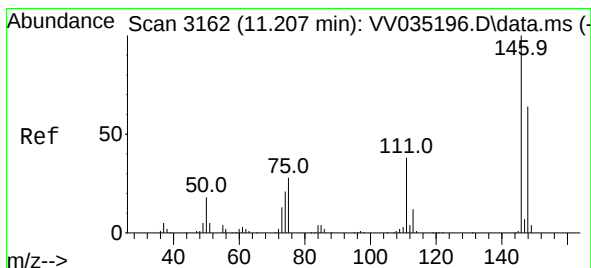
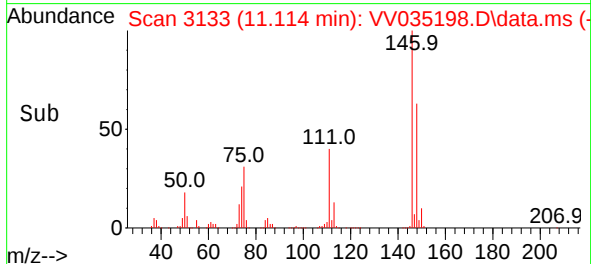
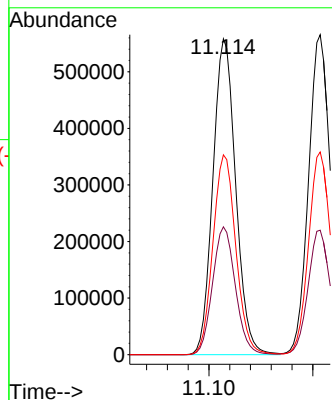
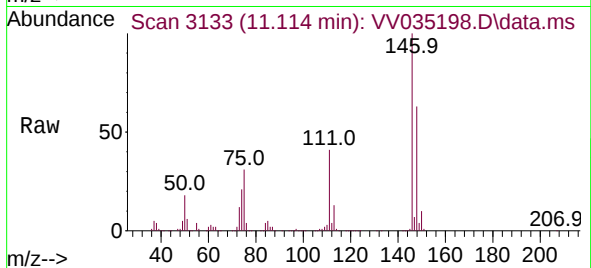
Tgt Ion:146 Resp: 852036

Ion Ratio Lower Upper

146 100

111 40.5 27.6 51.2

148 63.3 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 22.722 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

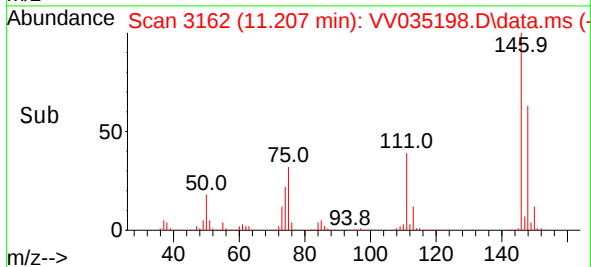
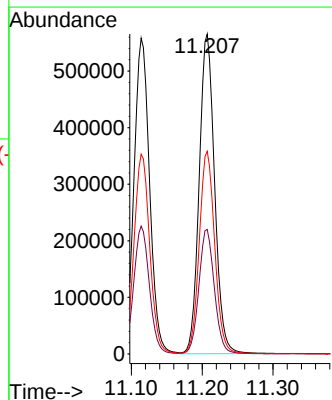
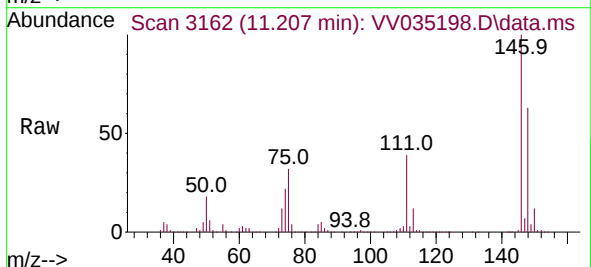
Tgt Ion:146 Resp: 853448

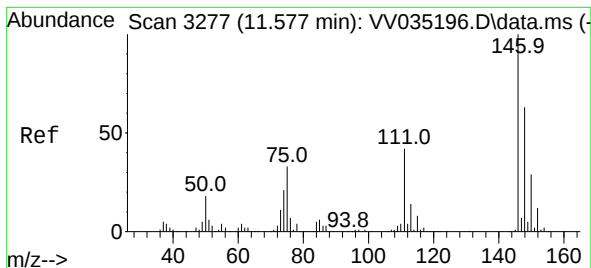
Ion Ratio Lower Upper

146 100

111 38.9 27.1 50.3

148 63.4 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 21.960 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

ClientSampleId :

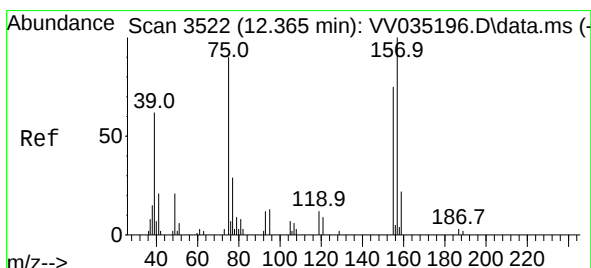
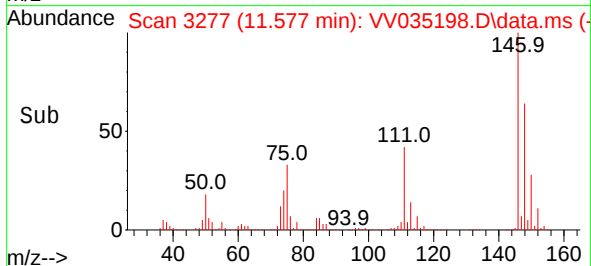
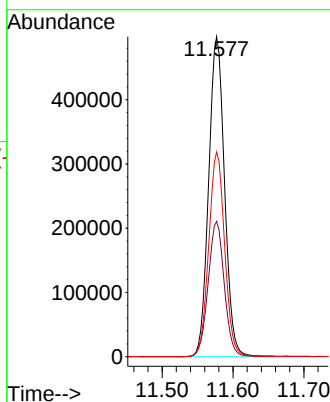
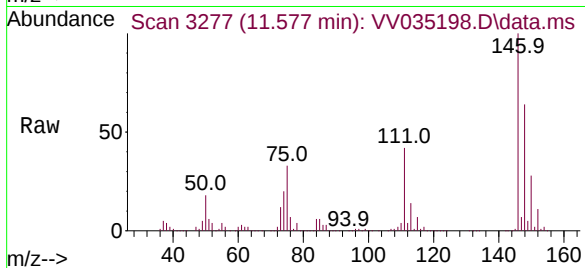
Tgt Ion:146 Resp: 775016

Ion Ratio Lower Upper

146 100

111 42.3 33.7 50.5

148 64.0 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.351 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.003 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

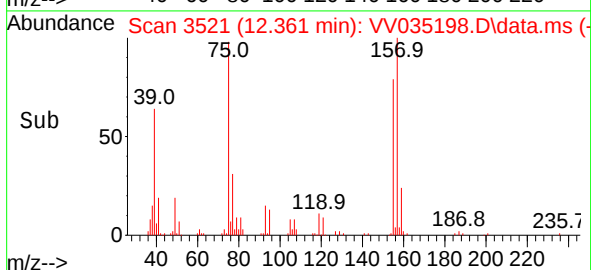
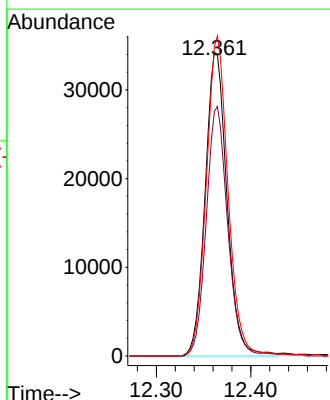
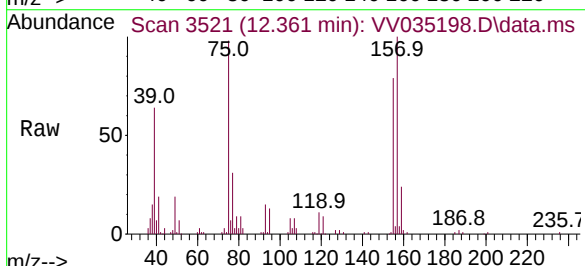
Tgt Ion: 75 Resp: 54967

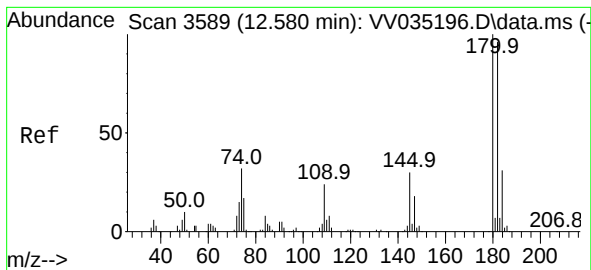
Ion Ratio Lower Upper

75 100

155 80.4 66.8 100.2

157 101.7 88.8 133.2





#69

1,3,5-Trichlorobenzene

Concen: 22.884 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

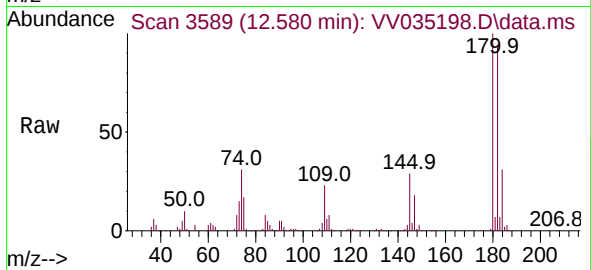
Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 663025

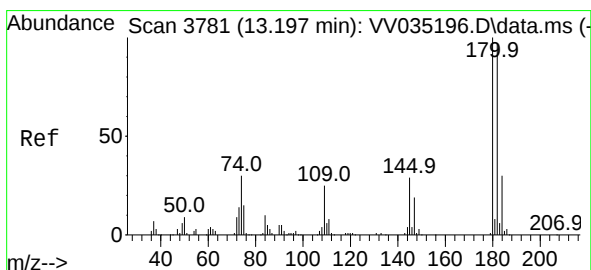
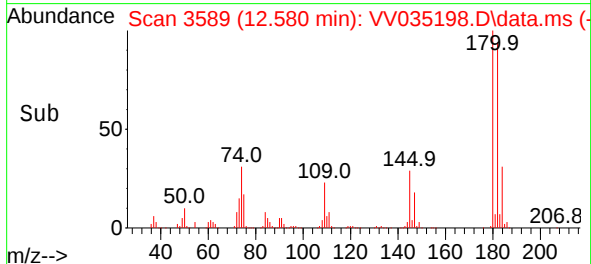
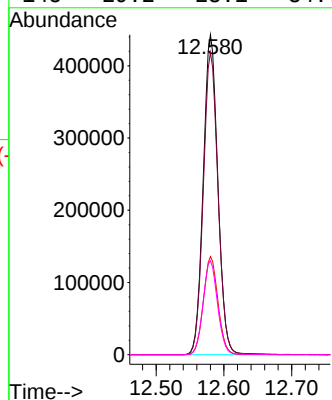
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.2

184 30.6 24.0 36.0

145 29.2 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 23.410 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. -0.003 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

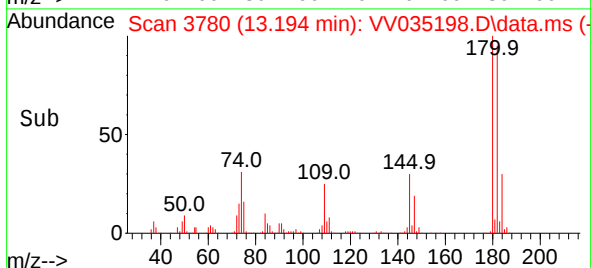
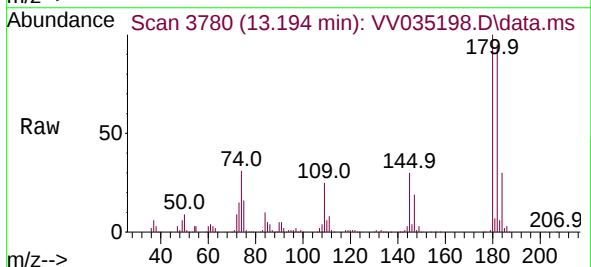
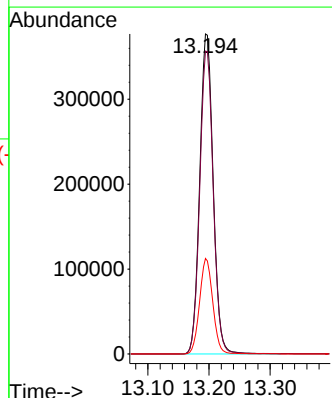
Tgt Ion:180 Resp: 576454

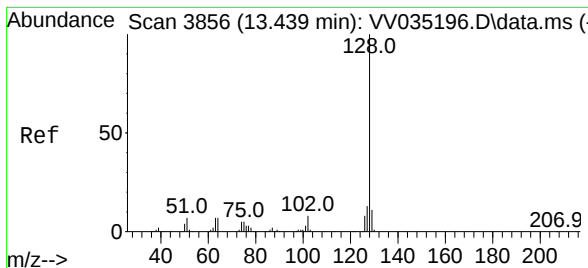
Ion Ratio Lower Upper

180 100

182 94.8 76.9 115.3

145 29.3 23.5 35.3





#71

Naphthalene

Concen: 22.128 ug/L

RT: 13.435 min Scan# 3856

Delta R.T. -0.003 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Instrument :

MSVOA_V

ClientSampleId :

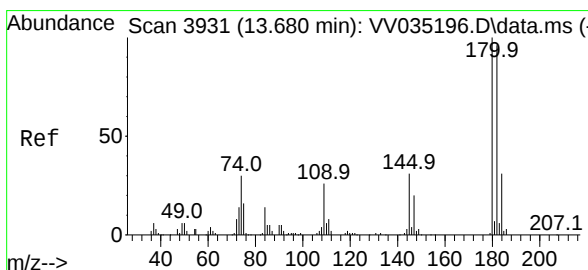
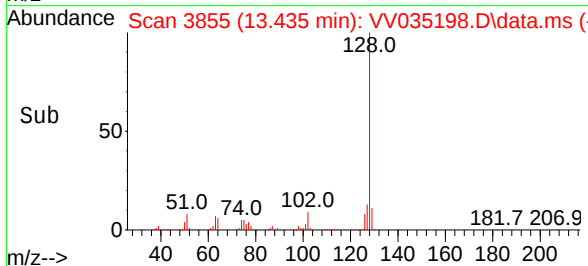
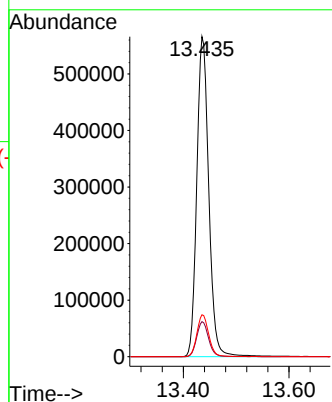
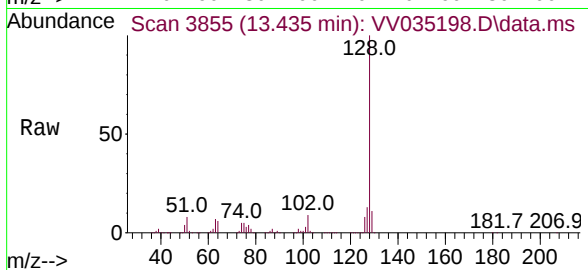
Tgt Ion:128 Resp: 887605

Ion Ratio Lower Upper

128 100

129 10.8 8.5 12.7

127 13.0 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 22.878 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. -0.003 min

Lab File: VV035198.D

Acq: 15 Apr 2024 13:53

Tgt Ion:180 Resp: 508424

Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 31.2 25.3 37.9

