

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035420.D
 Acq On : 26 Apr 2024 11:11
 Operator : SY/MD
 Sample : VSTD20045
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 00:04:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:01:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	563395	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	572544	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	319625	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	903519	199.552	ug/L	0.00
7) Chloroethane-d5	1.526	69	402327	155.089	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	368628	199.201	ug/L	0.00
21) 2-Butanone-d5	3.783	46	993148	429.958	ug/L	0.00
24) Chloroform-d	4.243	84	1504108	197.420	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	895739	201.850	ug/L	0.00
32) Benzene-d6	4.953	84	3035423	201.743	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	936473	201.730	ug/L	0.00
41) Toluene-d8	7.239	98	2840957	209.489	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	487920	224.679	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	693538	529.618	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	1319596	199.441	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	1136302	203.200	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	782570	188.932	ug/L	99
3) Chloromethane	1.214	50	778138	185.133	ug/L	99
5) Vinyl chloride	1.282	62	871769	196.611	ug/L	100
6) Bromomethane	1.484	94	492853	189.789	ug/L	99
8) Chloroethane	1.542	64	299250	152.882	ug/L	99
9) Trichlorofluoromethane	1.703	101	1131544	188.944	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	714734	190.493	ug/L	99
12) 1,1-Dichloroethene	2.063	96	640574	192.440	ug/L	94
13) Acetone	2.117	43	1052533	381.701	ug/L	98
14) Carbon disulfide	2.233	76	1777574	192.249	ug/L	100
15) Methyl Acetate	2.371	43	800693	191.468	ug/L	98
16) Methylene chloride	2.442	84	796939	189.300	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	710040	198.409	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	2555893	212.050	ug/L	100
19) 1,1-Dichloroethane	3.105	63	1443167	194.813	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	859389	213.460	ug/L	99
22) 2-Butanone	3.863	43	1268895	414.959	ug/L	94
23) Bromochloromethane	4.137	128	437336	195.207	ug/L	97
25) Chloroform	4.269	83	1475507	192.694	ug/L	100
27) 1,2-Dichloroethane	5.034	62	1111647	197.689	ug/L	100
29) Cyclohexane	4.577	56	1154119	219.192	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	1253806	192.492	ug/L	98
31) Carbon tetrachloride	4.728	117	1093979	192.238	ug/L	100
33) Benzene	5.005	78	3032999	197.969	ug/L	100
34) Trichloroethene	5.828	95	826883	199.004	ug/L	99
35) Methylcyclohexane	6.047	83	1291145	214.765	ug/L	98
37) 1,2-Dichloropropane	6.088	63	852137	199.230	ug/L	100
38) Bromodichloromethane	6.426	83	1132017	196.001	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	1458471	230.388	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	2199466	430.616	ug/L	98
42) Toluene	7.310	91	3266925	203.491	ug/L	98
44) trans-1,3-Dichloropropene	7.574	75	1349234	222.026	ug/L	99

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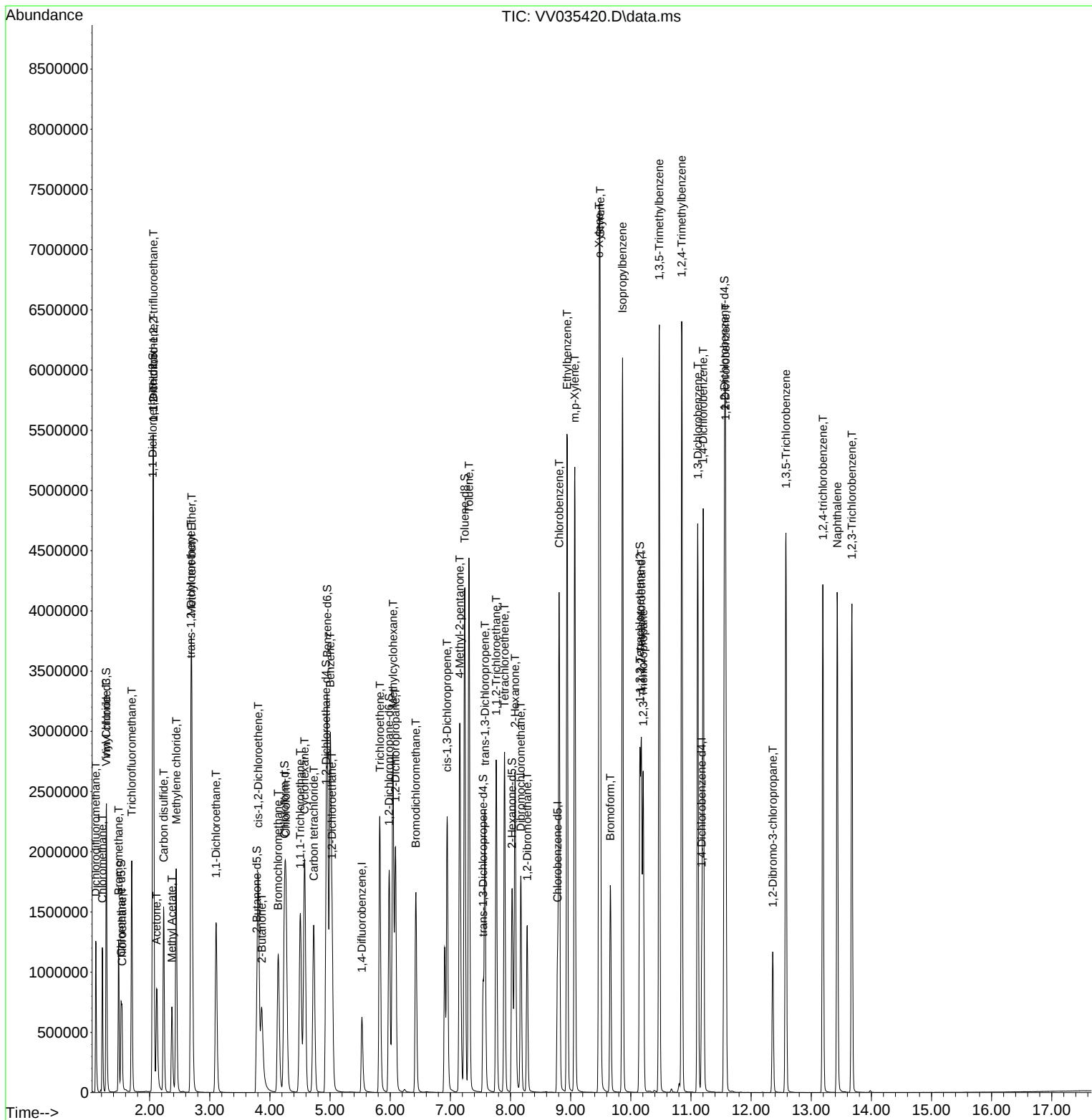
Instrument :
 MSVOA_V
 ClientSampleId :

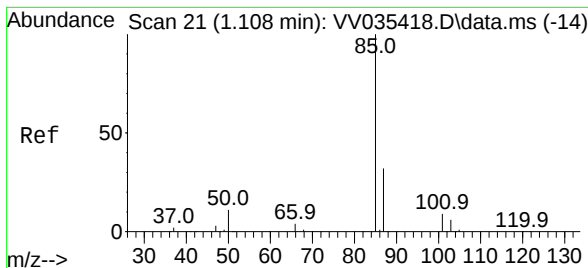
Quant Time: Apr 27 00:04:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:01:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	862236	193.045	ug/L	99
46) Tetrachloroethene	7.902	164	648638	198.991	ug/L	100
48) 2-Hexanone	8.075	43	1801661	418.483	ug/L	97
49) Dibromochloromethane	8.172	129	927620	203.159	ug/L	98
50) 1,2-Dibromoethane	8.278	107	909176	200.082	ug/L	99
51) Chlorobenzene	8.809	112	2228975	196.892	ug/L	99
52) Ethylbenzene	8.940	91	3766344	214.694	ug/L	98
53) m,p-Xylene	9.069	106	1446671	217.897	ug/L	99
54) o-Xylene	9.474	106	1447724	223.000	ug/L	97
55) Styrene	9.490	104	2535203	226.438	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	1408911	194.051	ug/L	100
59) Bromoform	9.661	173	772105	203.474	ug/L	100
60) Isopropylbenzene	9.863	105	3904214	212.914	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	1100796	183.998	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	3325158	225.092	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	3371522	233.111	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	1918091	201.921	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	1925894	193.291	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	1883348	195.684	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	296216	218.851	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	1457382	216.534	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	1289588	241.361	ug/L	99
71) Naphthalene	13.432	128	3155696	272.711	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	1241120	238.392	ug/L	100

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

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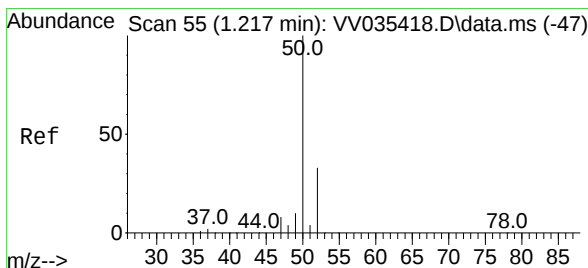
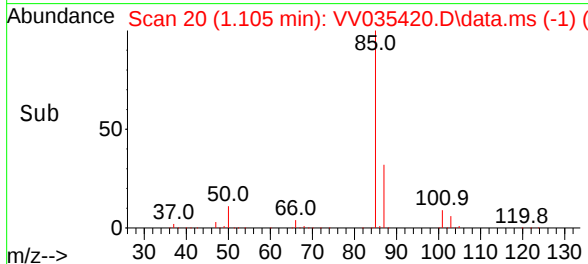
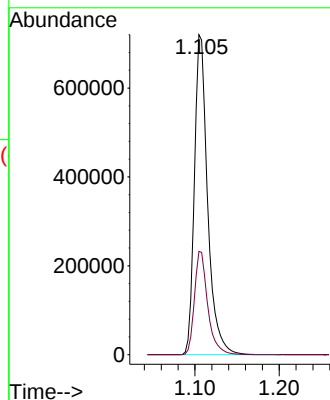
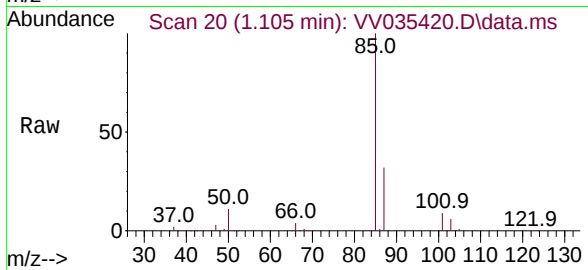




#2
 Dichlorodifluoromethane
 Concen: 188.932 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV035420.D
 Acq: 26 Apr 2024 11:11

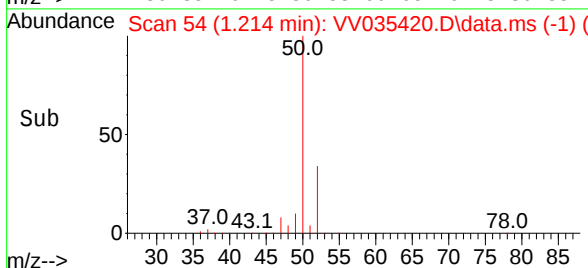
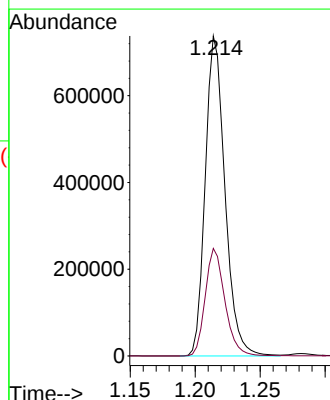
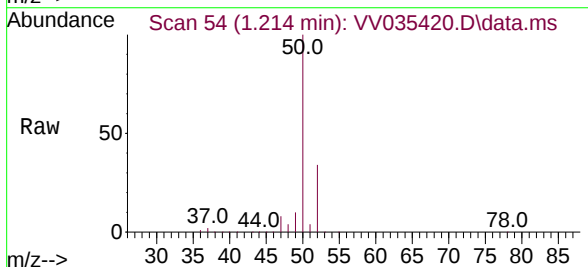
Instrument :
 MSVOA_V
 ClientSampleId :

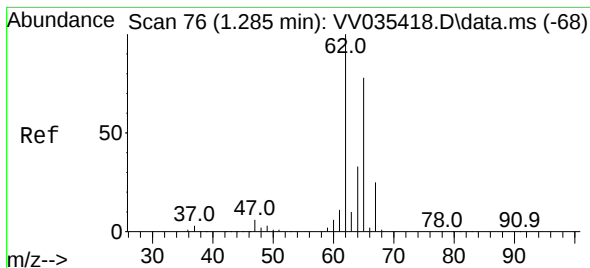
Tgt Ion: 85 Resp: 782570
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.4 38.2



#3
 Chloromethane
 Concen: 185.133 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV035420.D
 Acq: 26 Apr 2024 11:11

Tgt Ion: 50 Resp: 778138
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.0 42.8





#5

Vinyl chloride

Concen: 196.611 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min MSVOA_V

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

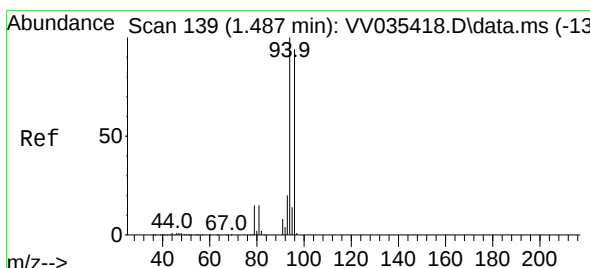
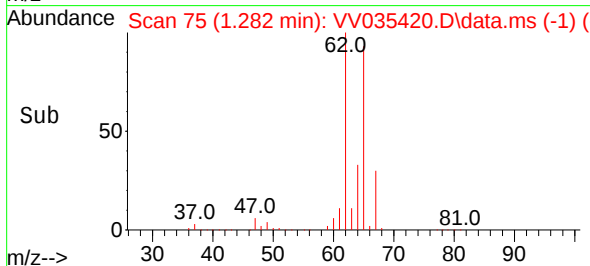
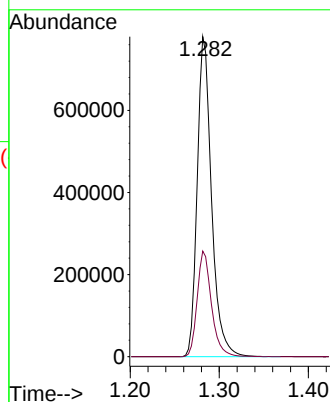
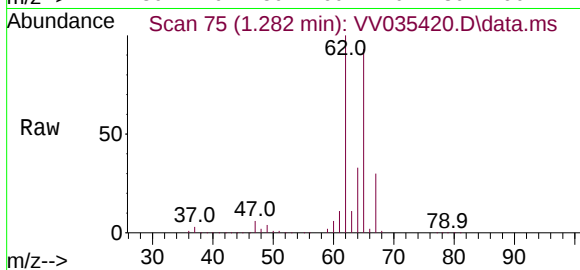
ClientSampleId :

Tgt Ion: 62 Resp: 871769

Ion Ratio Lower Upper

62 100

64 33.0 23.2 43.2



#6

Bromomethane

Concen: 189.789 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.003 min

Lab File: VV035420.D

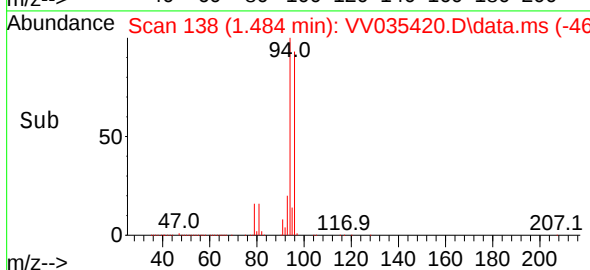
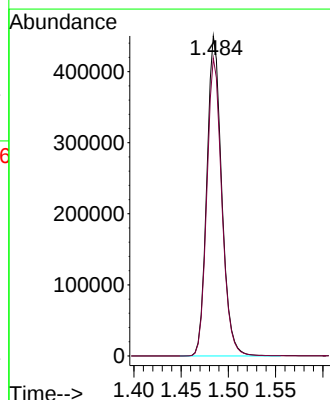
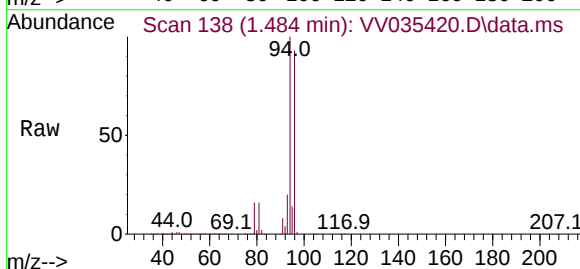
Acq: 26 Apr 2024 11:11

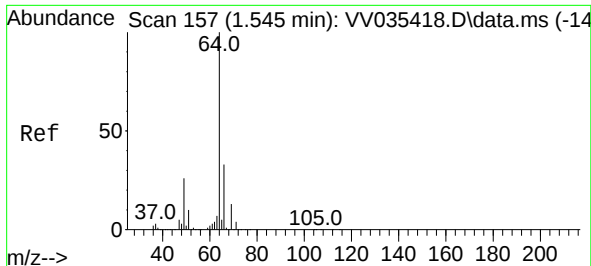
Tgt Ion: 94 Resp: 492853

Ion Ratio Lower Upper

94 100

96 93.1 66.1 122.7

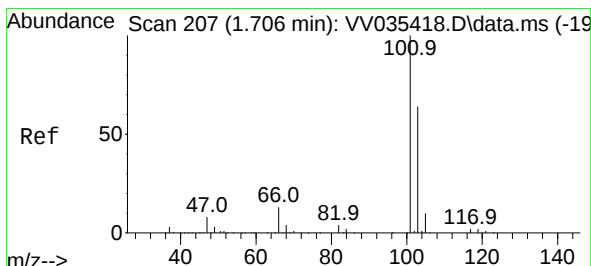
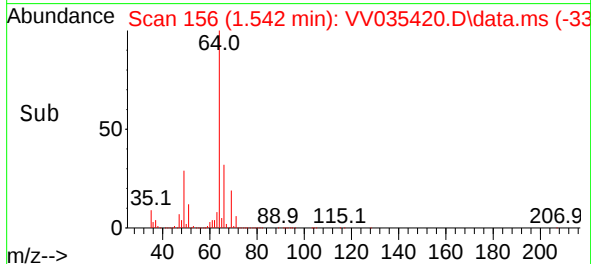
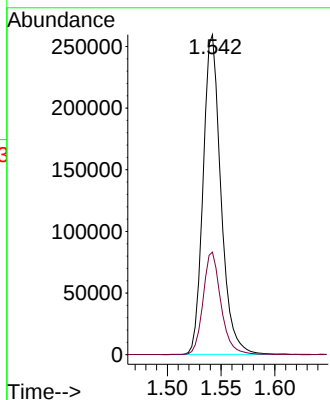
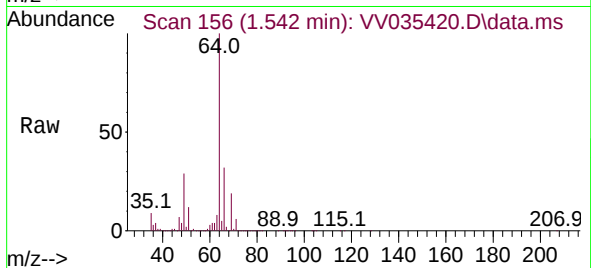




#8
Chloroethane
Concen: 152.882 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

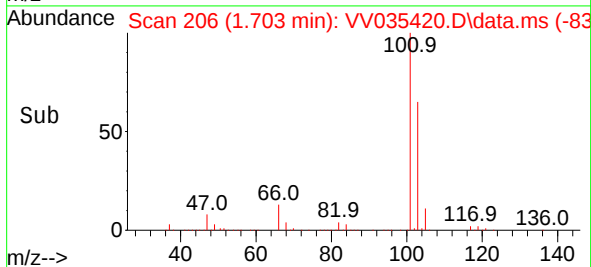
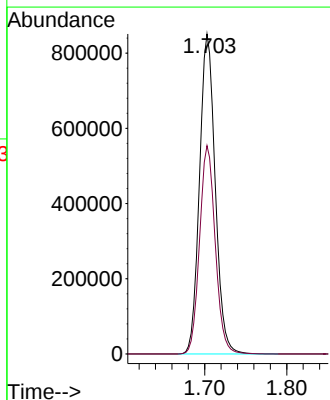
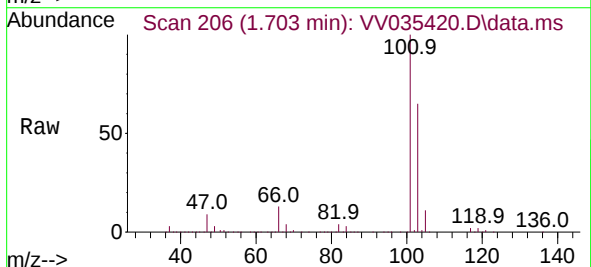
Instrument :
MSVOA_V
ClientSampleId :

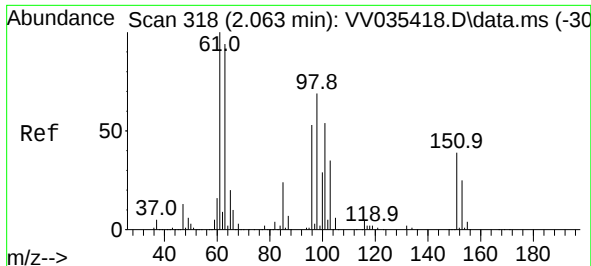
Tgt Ion: 64 Resp: 299250
Ion Ratio Lower Upper
64 100
66 32.0 22.9 42.5



#9
Trichlorofluoromethane
Concen: 188.944 ug/L
RT: 1.703 min Scan# 206
Delta R.T. -0.003 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Tgt Ion:101 Resp: 1131544
Ion Ratio Lower Upper
101 100
103 64.9 51.2 76.8





#10

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

Concen: 190.493 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

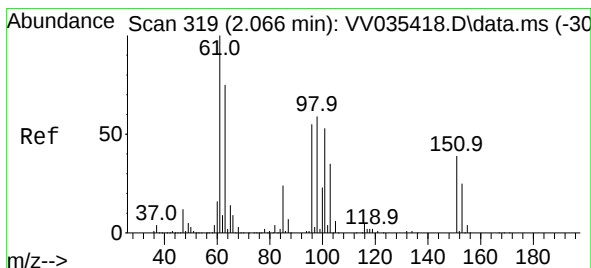
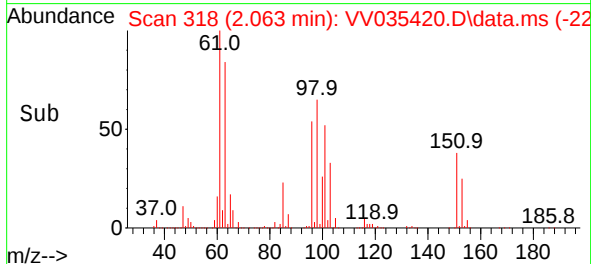
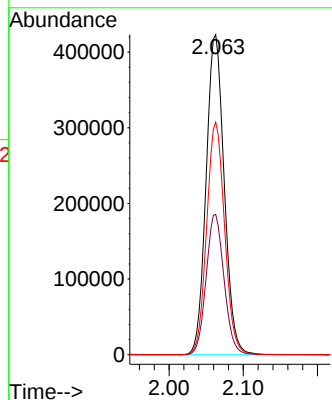
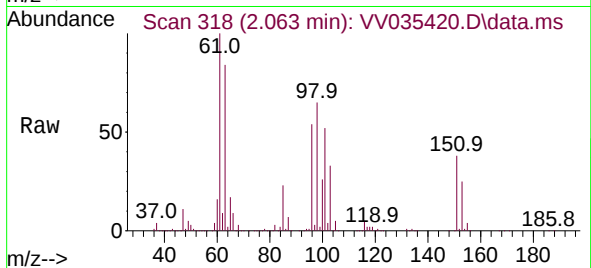
Tgt Ion:101 Resp: 714734

Ion Ratio Lower Upper

101 100

85 43.5 35.0 52.6

151 72.3 58.6 87.8



#12

1,1-Dichloroethene

Concen: 192.440 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

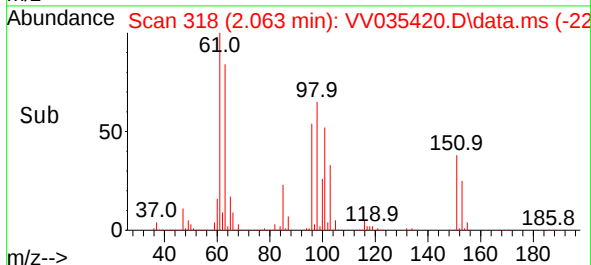
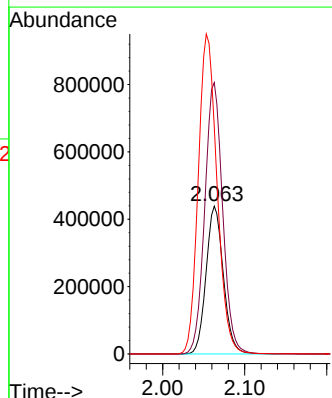
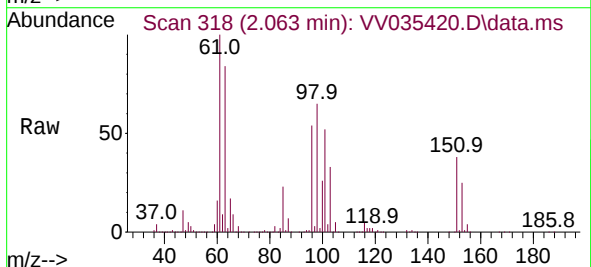
Tgt Ion: 96 Resp: 640574

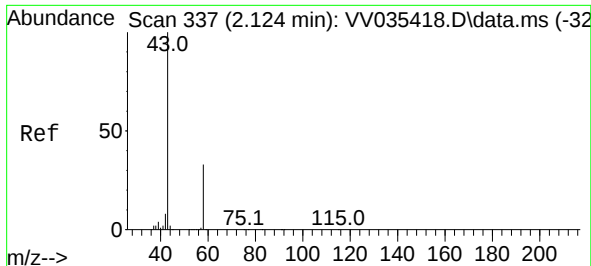
Ion Ratio Lower Upper

96 100

61 183.6 128.2 238.0

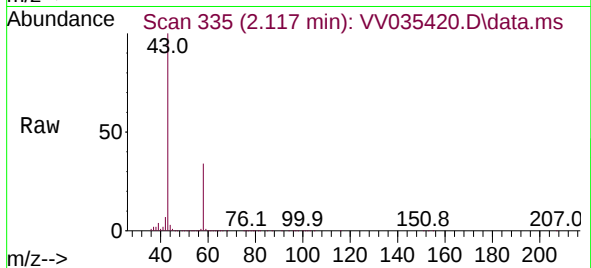
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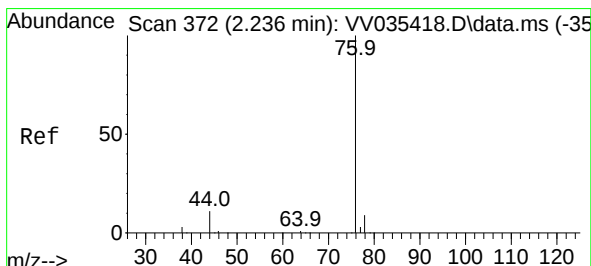
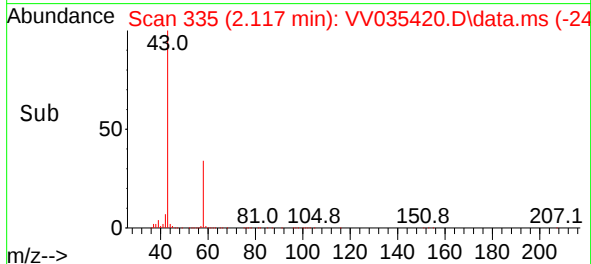
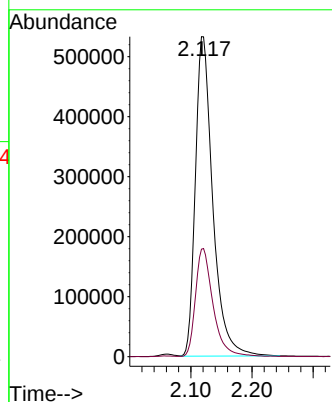


#13
Acetone
Concen: 381.701 ug/L
RT: 2.117 min Scan# 30
Delta R.T. -0.006 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Instrument :
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ClientSampleId :

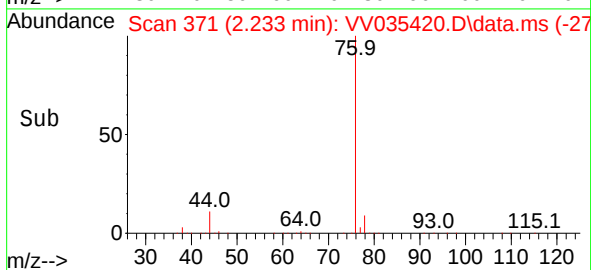
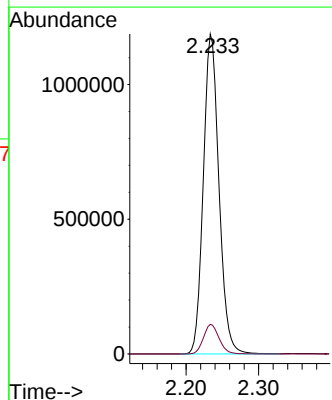
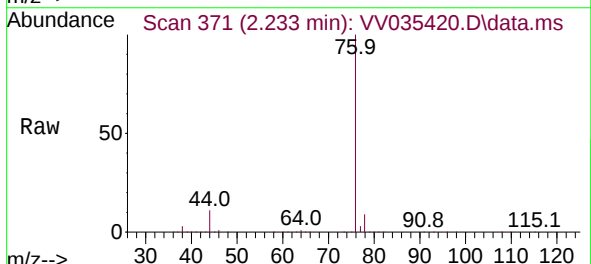


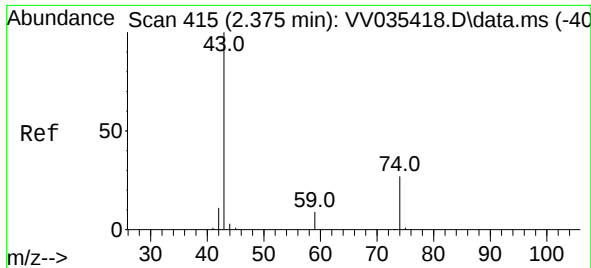
Tgt Ion: 43 Resp: 1052533
Ion Ratio Lower Upper
43 100
58 34.0 0.0 65.8



#14
Carbon disulfide
Concen: 192.249 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.003 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Tgt Ion: 76 Resp: 1777574
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

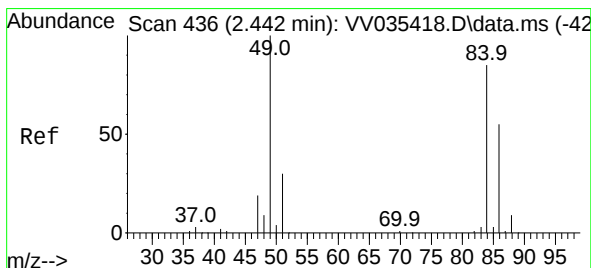
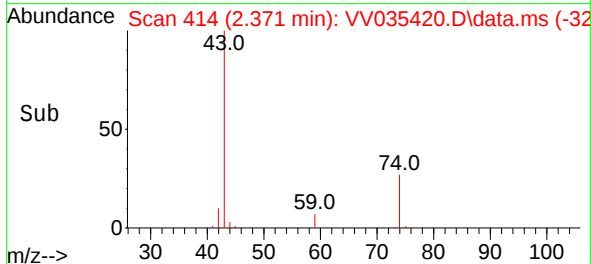
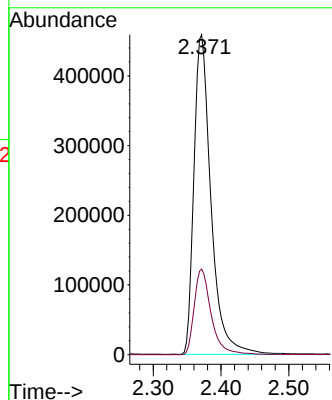
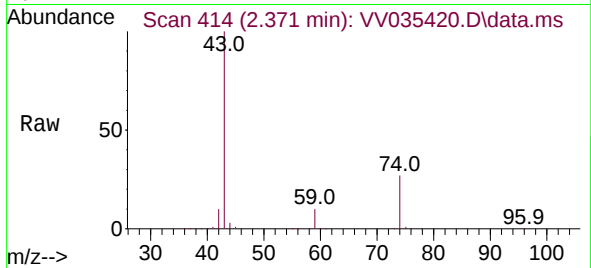




#15
Methyl Acetate
Concen: 191.468 ug/L
RT: 2.371 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

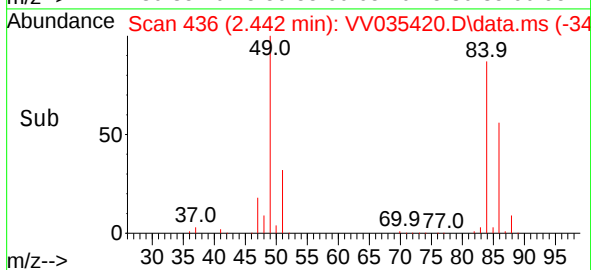
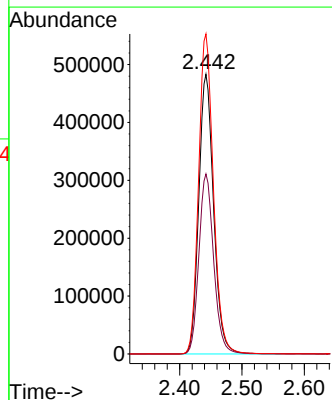
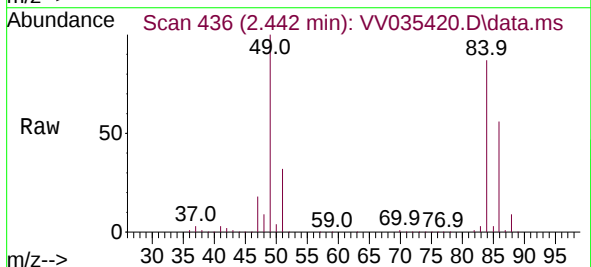
Instrument :
MSVOA_V
ClientSampleId :

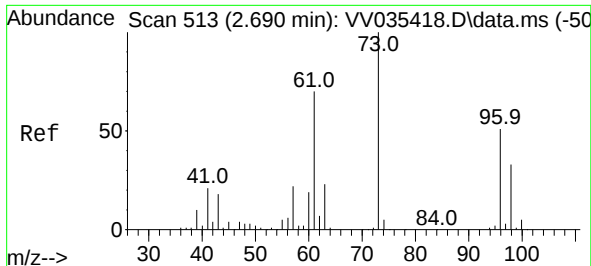
Tgt Ion: 43 Resp: 800693
Ion Ratio Lower Upper
43 100
74 26.8 20.6 30.8



#16
Methylene chloride
Concen: 189.300 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Tgt Ion: 84 Resp: 796939
Ion Ratio Lower Upper
84 100
86 64.3 45.1 83.9
49 114.4 82.3 152.8





#17

trans-1,2-Dichloroethene

Concen: 198.409 ug/L

RT: 2.687 min Scan# 513

Delta R.T. -0.003 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

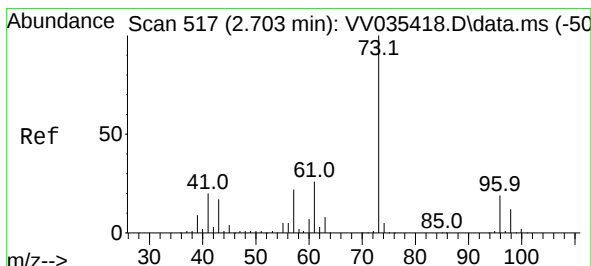
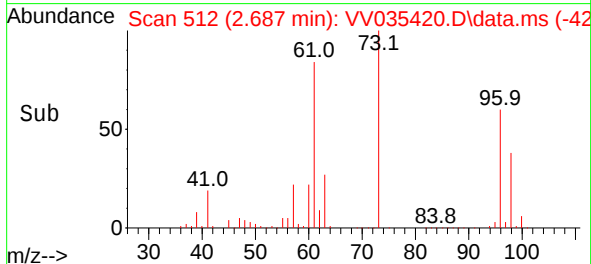
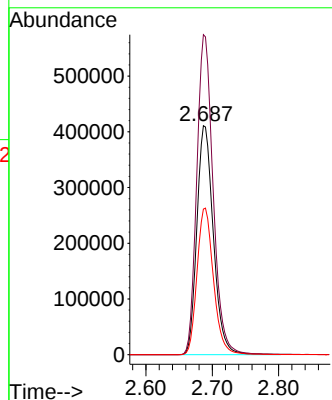
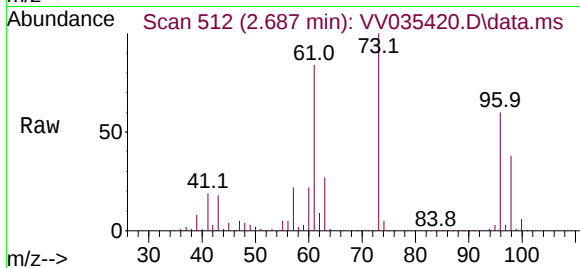
Tgt Ion: 96 Resp: 710040

Ion Ratio Lower Upper

96 100

61 139.8 96.4 179.0

98 63.6 45.2 84.0



#18

Methyl tert-butyl Ether

Concen: 212.050 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

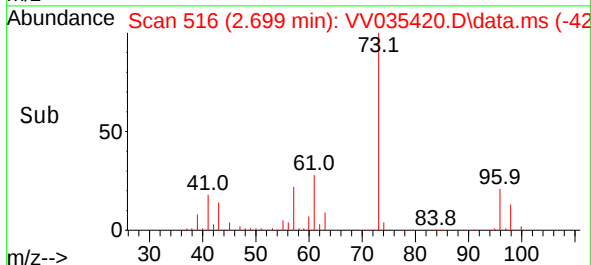
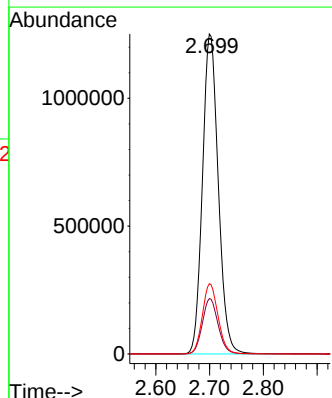
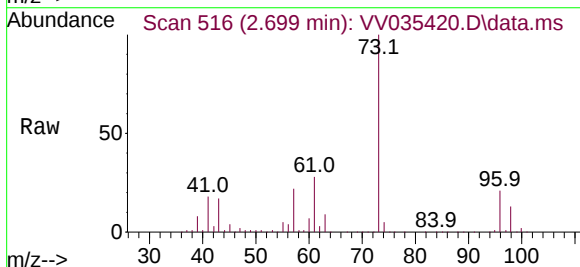
Tgt Ion: 73 Resp: 2555893

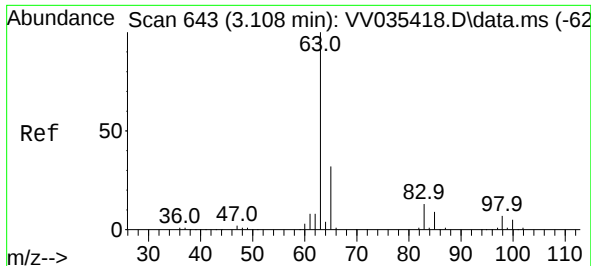
Ion Ratio Lower Upper

73 100

43 17.1 13.9 20.9

57 21.8 17.4 26.0





#19

1,1-Dichloroethane

Concen: 194.813 ug/L

RT: 3.105 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

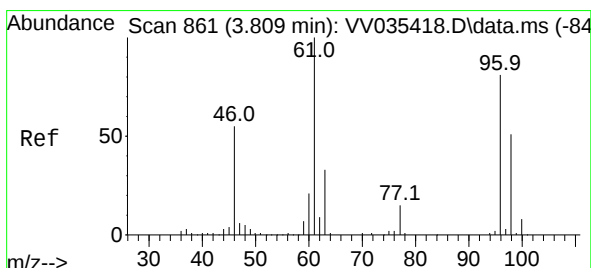
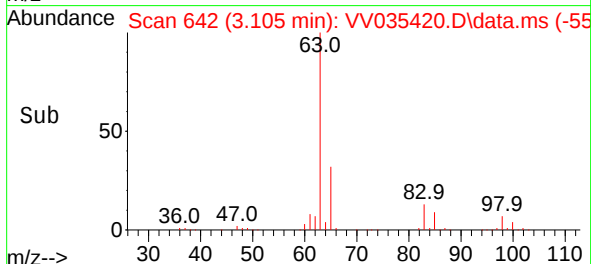
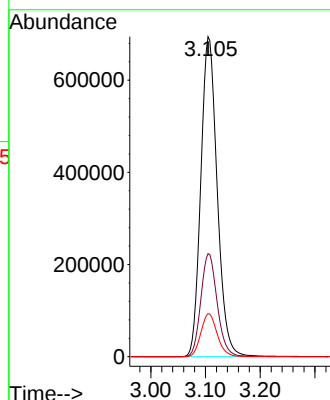
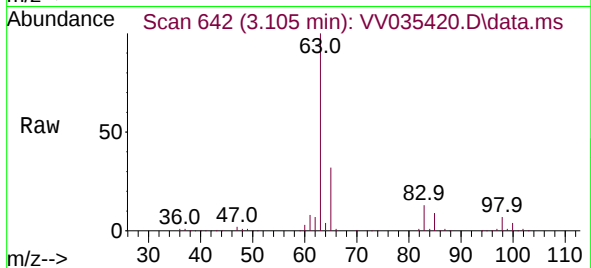
Tgt Ion: 63 Resp: 1443167

Ion Ratio Lower Upper

63 100

65 32.2 22.1 41.1

83 13.5 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 213.460 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

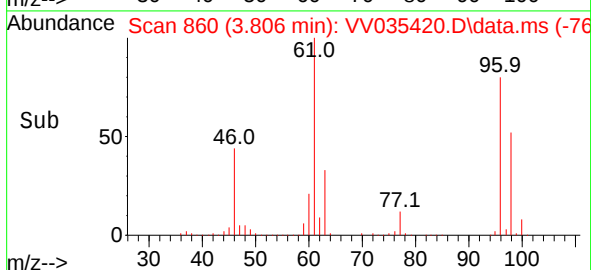
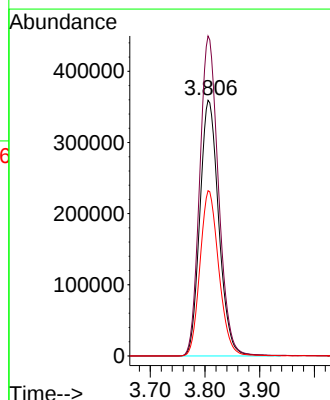
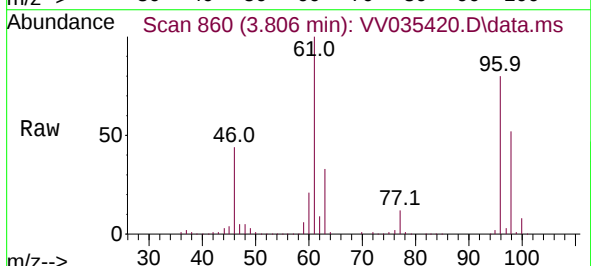
Tgt Ion: 96 Resp: 859389

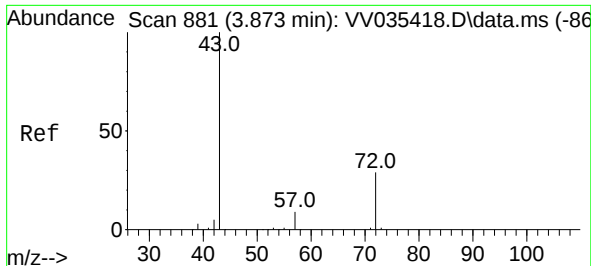
Ion Ratio Lower Upper

96 100

61 125.2 86.9 161.5

98 64.7 44.6 82.8

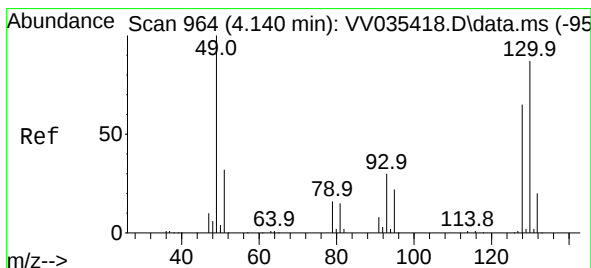
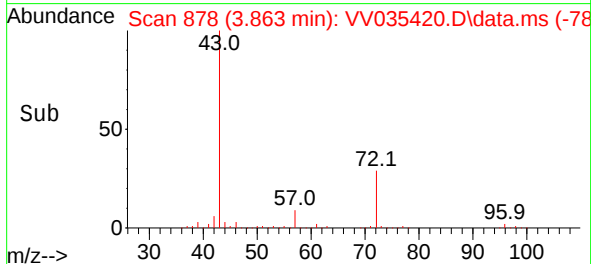
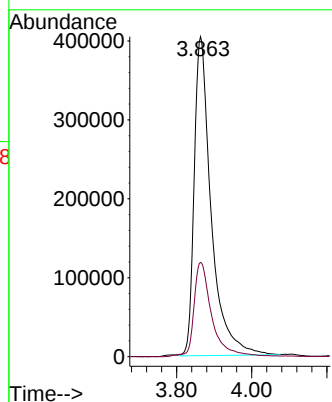
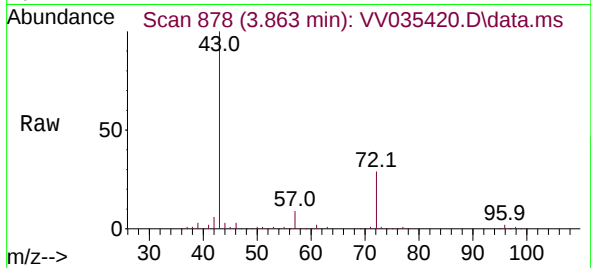




#22
2-Butanone
Concen: 414.959 ug/L
RT: 3.863 min Scan# 81
Delta R.T. -0.010 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

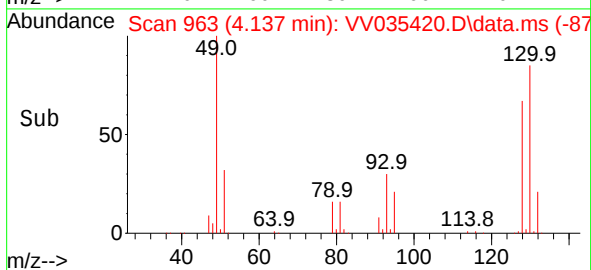
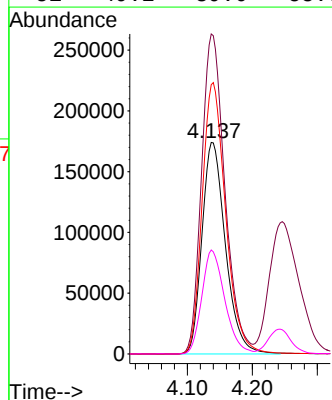
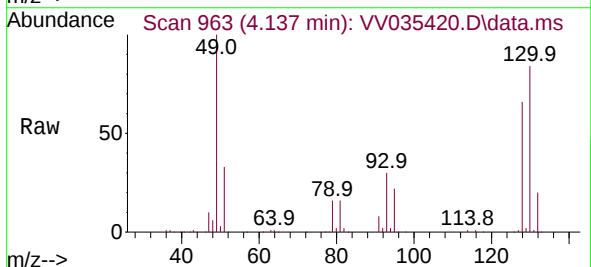
Instrument :
MSVOA_V
ClientSampleId :

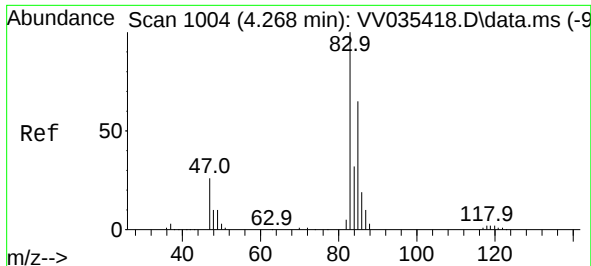
Tgt Ion: 43 Resp: 1268895
Ion Ratio Lower Upper
43 100
72 30.8 13.8 41.4



#23
Bromochloromethane
Concen: 195.207 ug/L
RT: 4.137 min Scan# 963
Delta R.T. -0.003 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Tgt Ion:128 Resp: 437336
Ion Ratio Lower Upper
128 100
49 151.3 107.7 200.1
130 127.3 93.4 173.4
51 49.2 39.0 58.6





#25

Chloroform

Concen: 192.694 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

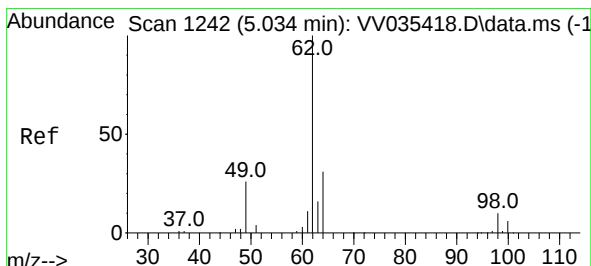
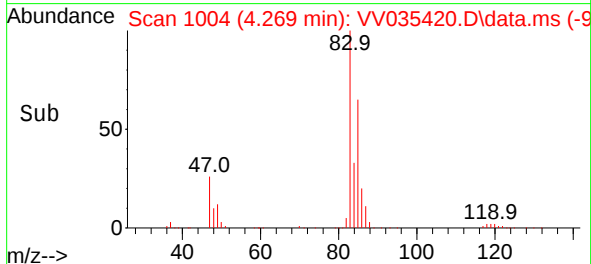
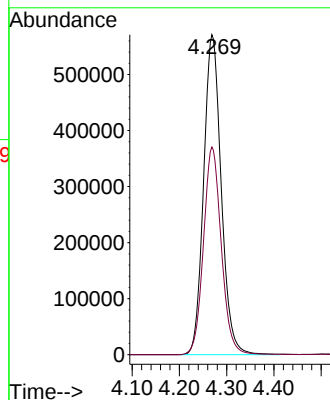
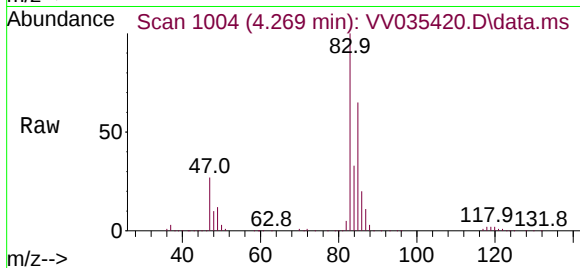
ClientSampleId :

Tgt Ion: 83 Resp: 1475507

Ion Ratio Lower Upper

83 100

85 64.9 45.6 84.6



#27

1,2-Dichloroethane

Concen: 197.689 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV035420.D

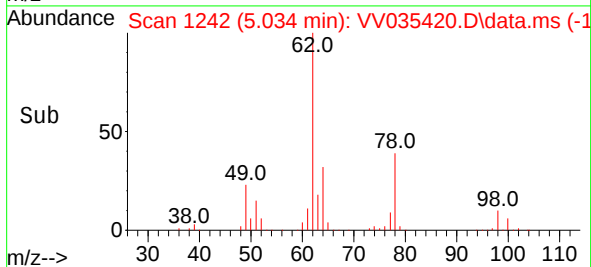
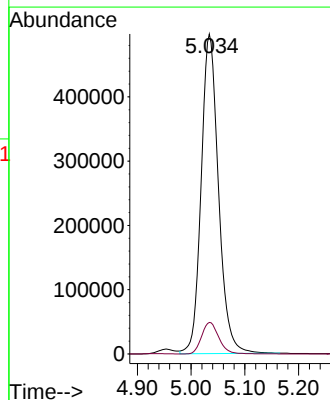
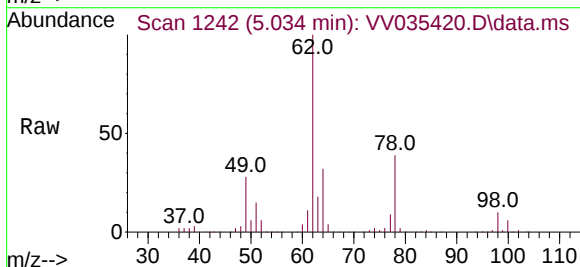
Acq: 26 Apr 2024 11:11

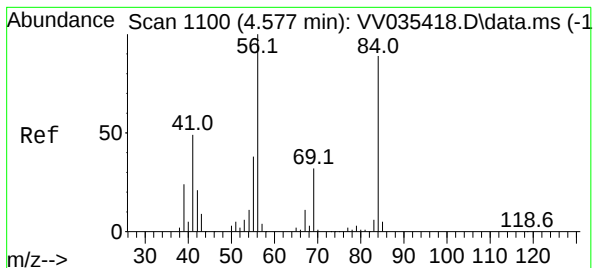
Tgt Ion: 62 Resp: 1111647

Ion Ratio Lower Upper

62 100

98 9.8 8.0 12.0





#29

Cyclohexane

Concen: 219.192 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

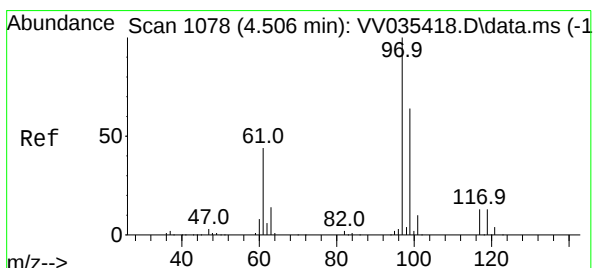
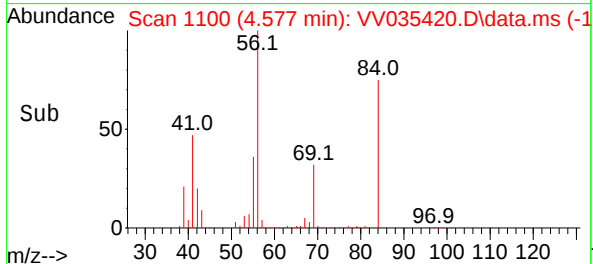
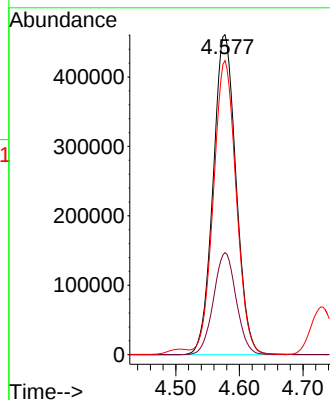
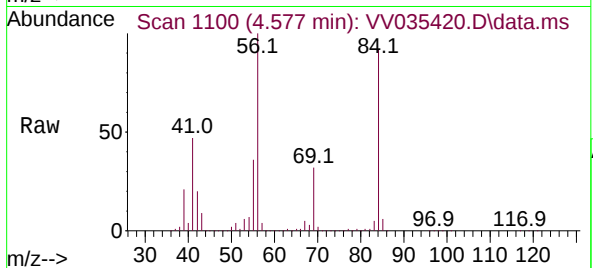
Tgt Ion: 56 Resp: 1154119

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

84 91.5 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 192.492 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

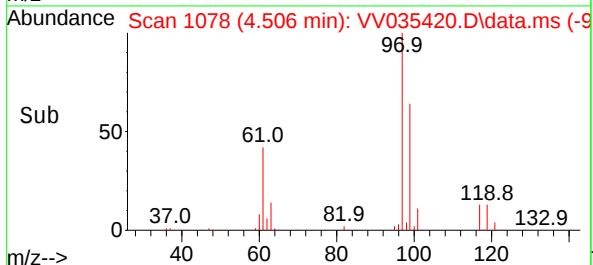
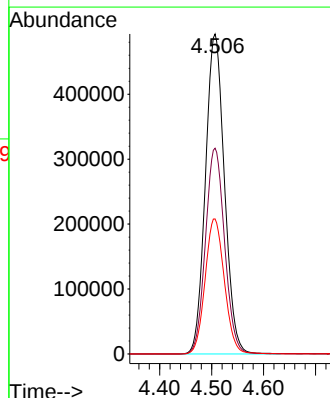
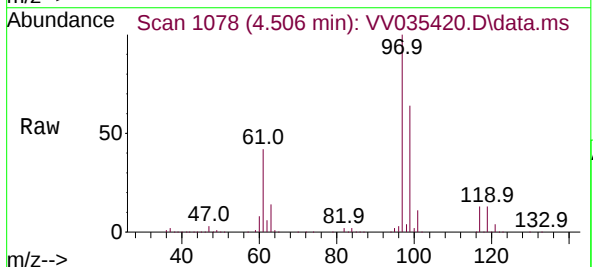
Tgt Ion: 97 Resp: 1253806

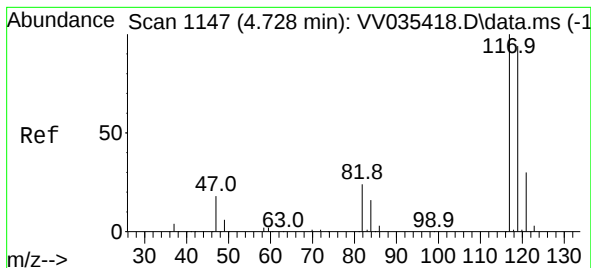
Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 42.7 35.4 53.2

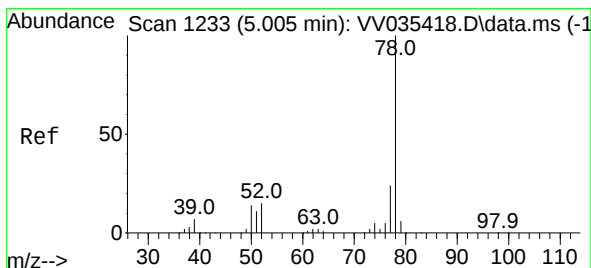
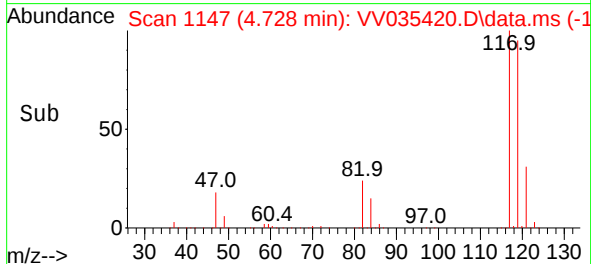
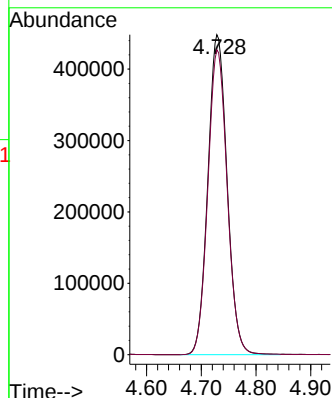
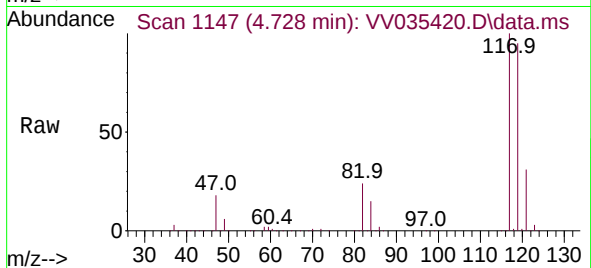




#31
Carbon tetrachloride
Concen: 192.238 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

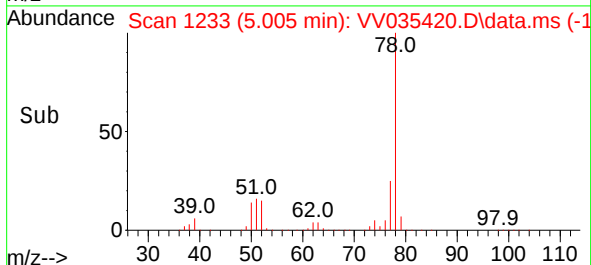
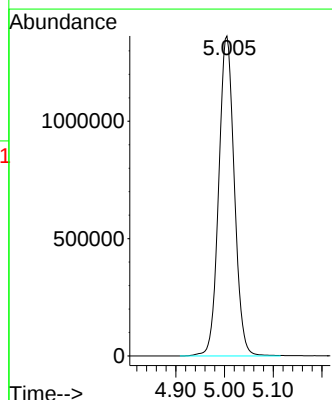
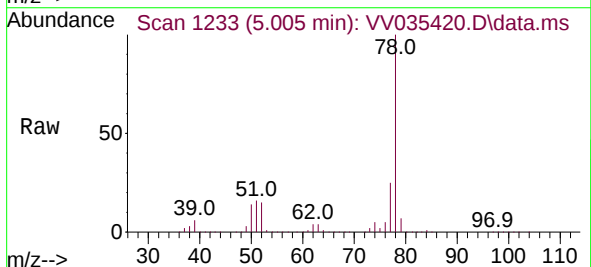
Instrument :
MSVOA_V
ClientSampleId :

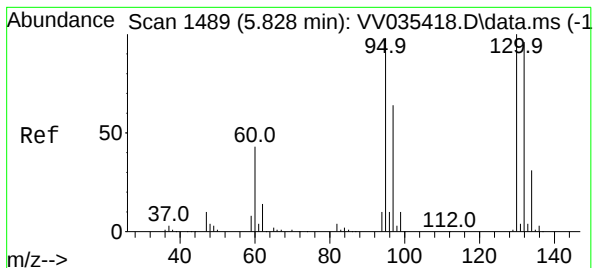
Tgt Ion:117 Resp: 1093979
Ion Ratio Lower Upper
117 100
119 95.9 76.4 114.6



#33
Benzene
Concen: 197.969 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Tgt Ion: 78 Resp: 3032999





#34

Trichloroethene

Concen: 199.004 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 826883

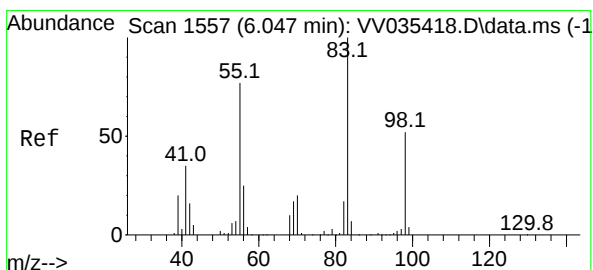
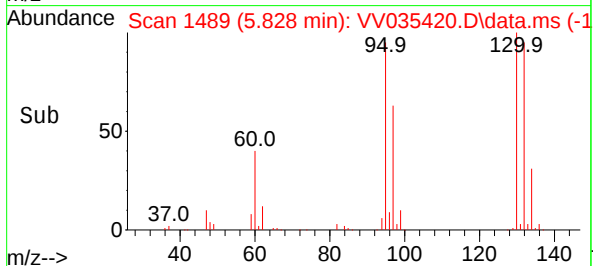
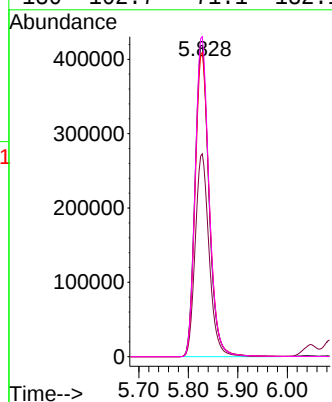
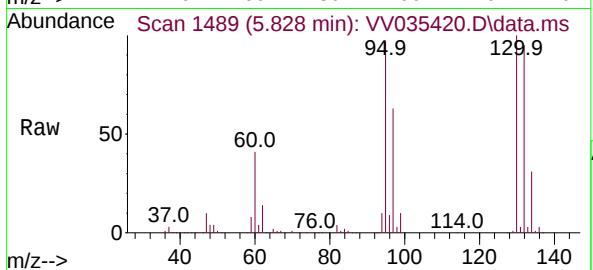
Ion Ratio Lower Upper

95 100

97 65.1 45.8 85.0

132 97.6 68.0 126.2

130 102.7 71.1 132.1



#35

Methylcyclohexane

Concen: 214.765 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

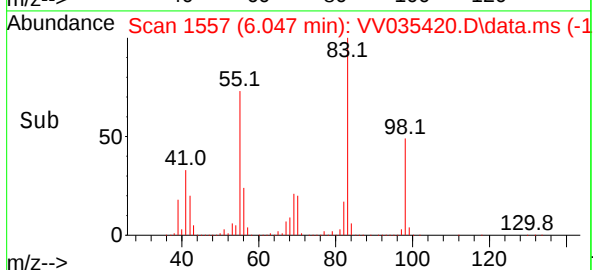
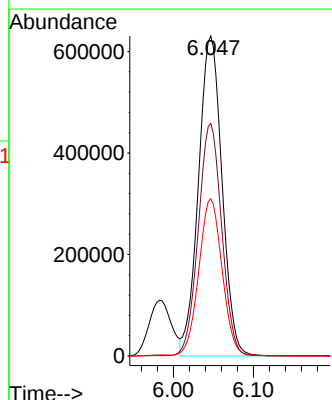
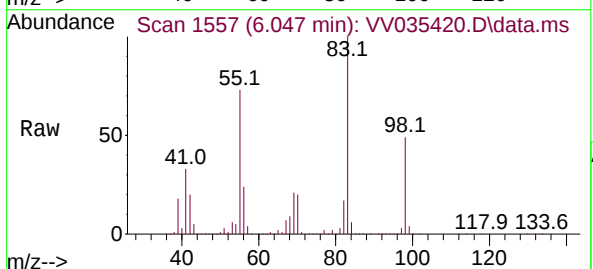
Tgt Ion: 83 Resp: 1291145

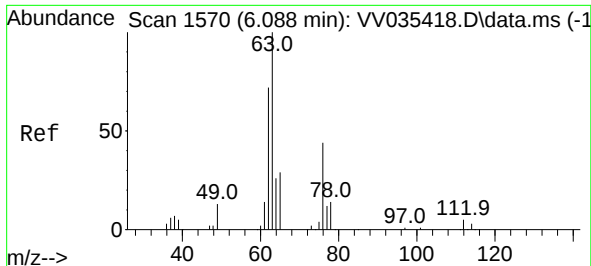
Ion Ratio Lower Upper

83 100

55 72.4 59.7 89.5

98 48.8 39.0 58.6

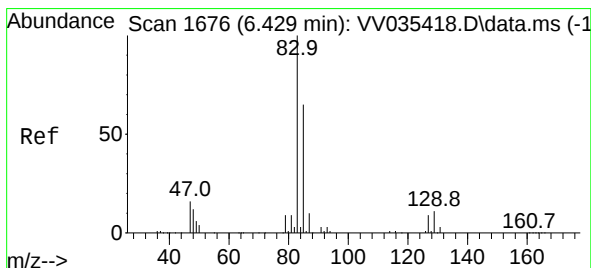
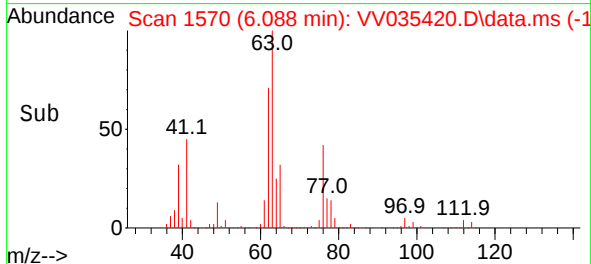
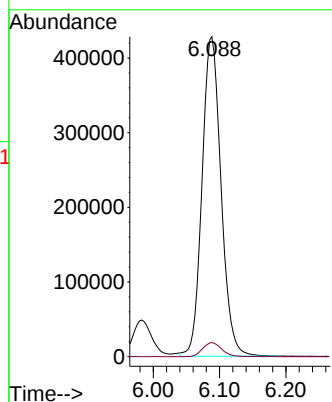
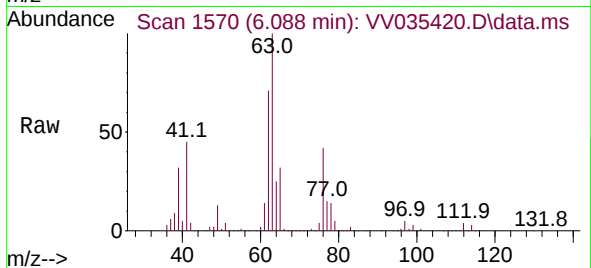




#37
1,2-Dichloropropane
Concen: 199.230 ug/L
RT: 6.088 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

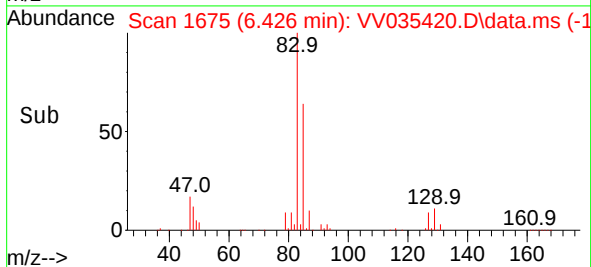
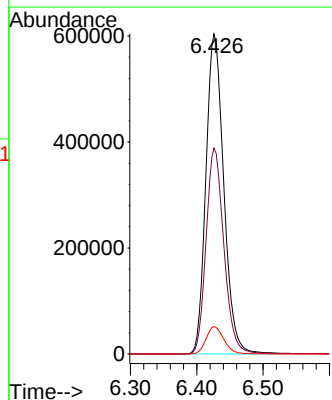
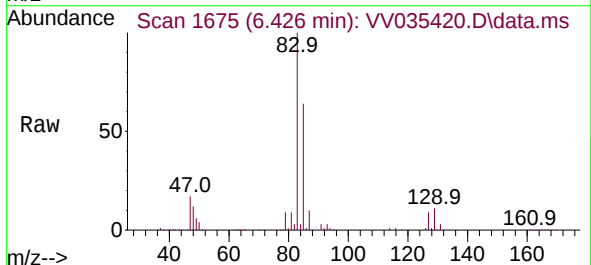
Instrument :
MSVOA_V
ClientSampleId :

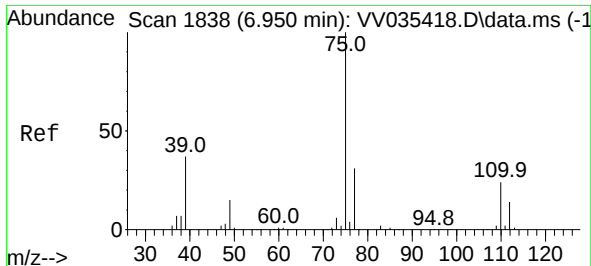
Tgt Ion: 63 Resp: 852137
Ion Ratio Lower Upper
63 100
112 4.4 3.5 5.3



#38
Bromodichloromethane
Concen: 196.001 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Tgt Ion: 83 Resp: 1132017
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.9
127 8.6 7.0 10.4

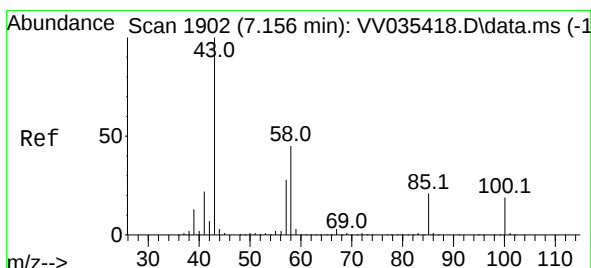
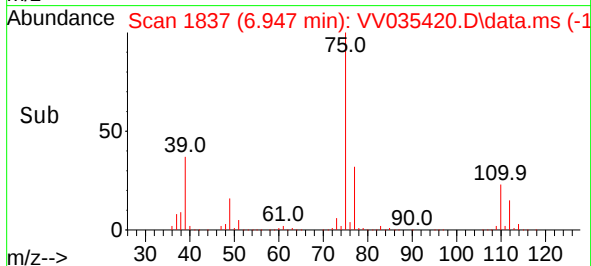
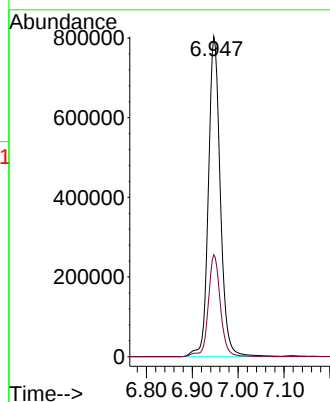
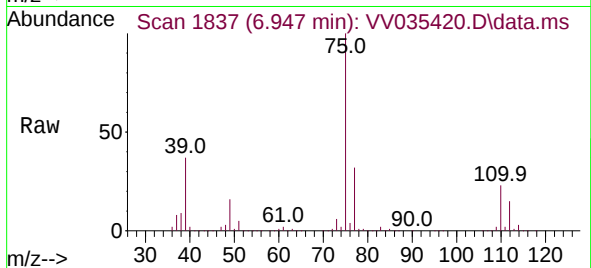




#39
 cis-1,3-Dichloropropene
 Concen: 230.388 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV035420.D
 Acq: 26 Apr 2024 11:11

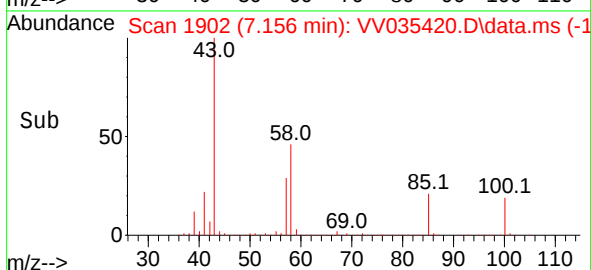
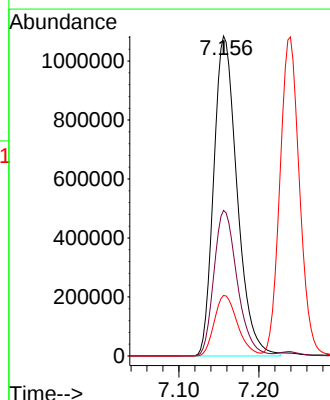
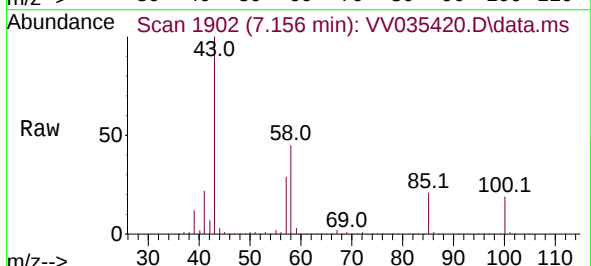
Instrument :
 MSVOA_V
 ClientSampleId :

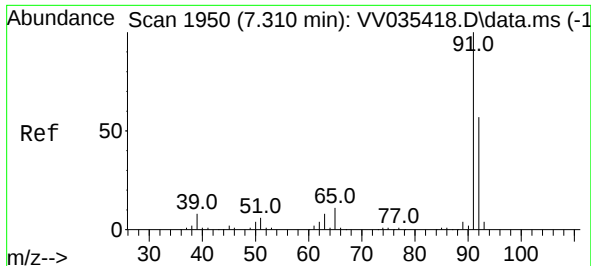
Tgt Ion: 75 Resp: 1458471
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 430.616 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VV035420.D
 Acq: 26 Apr 2024 11:11

Tgt Ion: 43 Resp: 2199466
 Ion Ratio Lower Upper
 43 100
 58 45.4 35.0 52.4
 100 18.8 14.3 21.5





#42

Toluene

Concen: 203.491 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

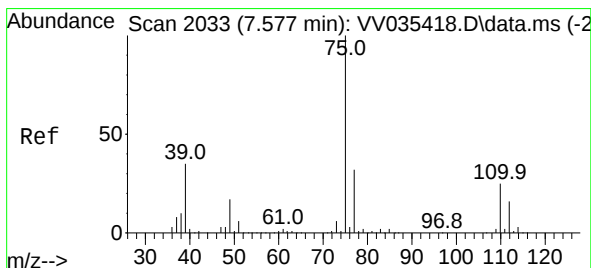
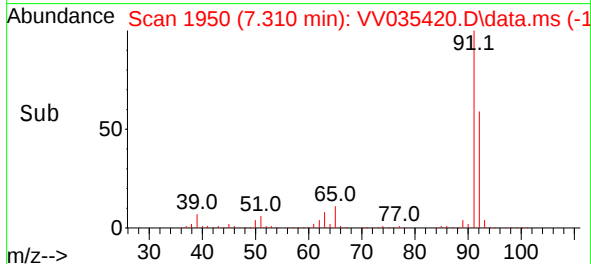
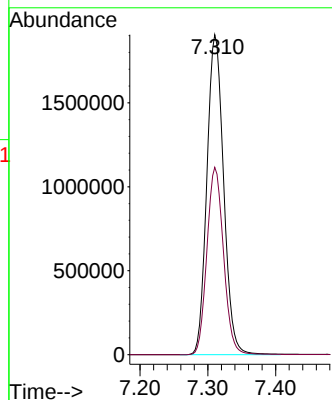
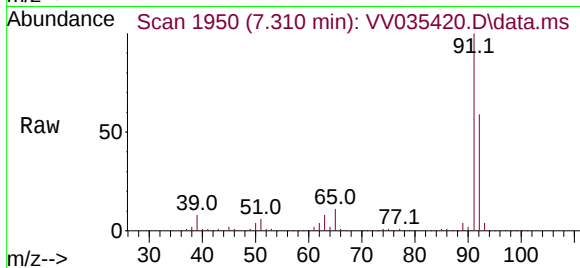
ClientSampleId :

Tgt Ion: 91 Resp: 3266925

Ion Ratio Lower Upper

91 100

92 58.5 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 222.026 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV035420.D

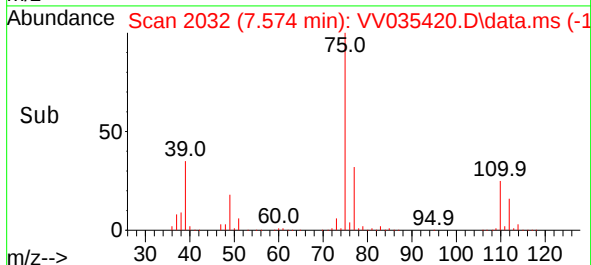
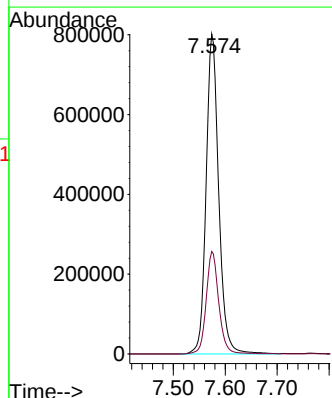
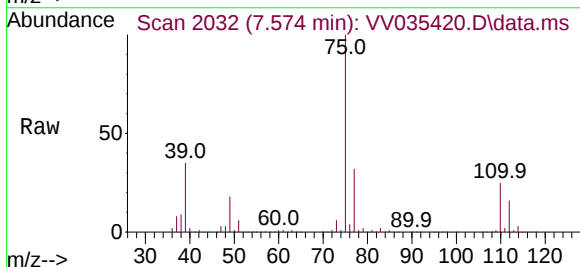
Acq: 26 Apr 2024 11:11

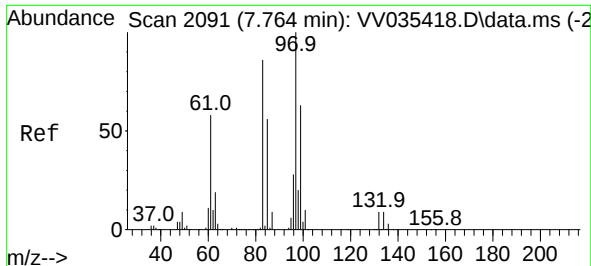
Tgt Ion: 75 Resp: 1349234

Ion Ratio Lower Upper

75 100

77 32.0 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 193.045 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 862236

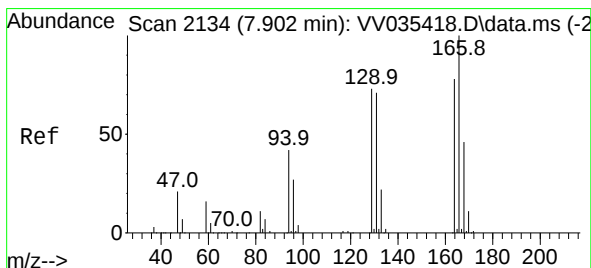
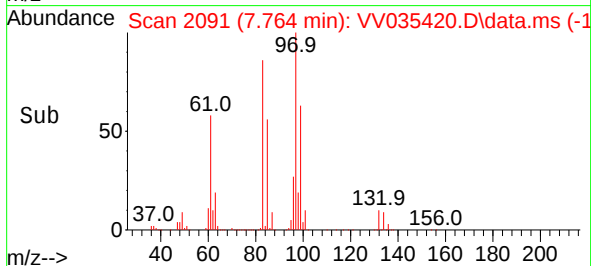
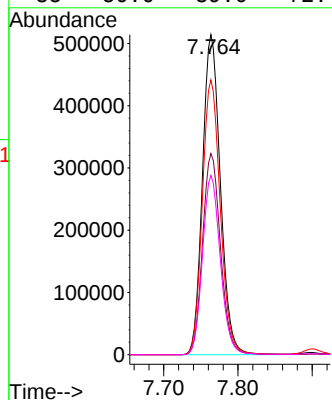
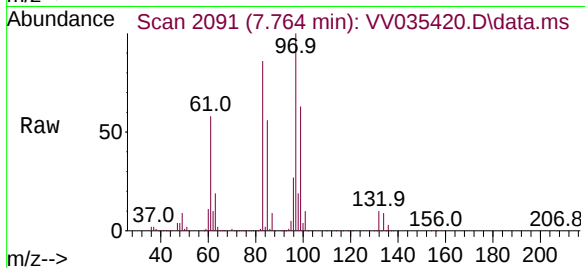
Ion Ratio Lower Upper

97 100

99 62.9 44.3 82.3

83 85.9 60.5 112.3

85 56.0 39.0 72.4



#46

Tetrachloroethene

Concen: 198.991 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Tgt Ion: 164 Resp: 648638

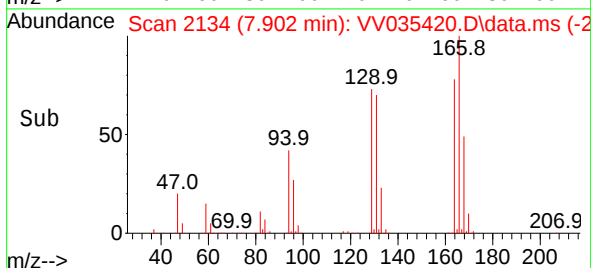
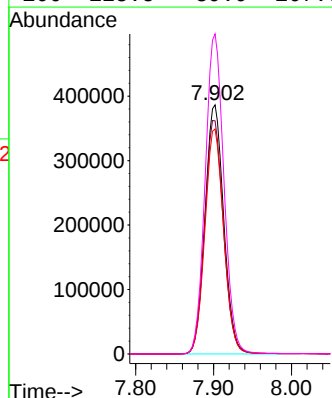
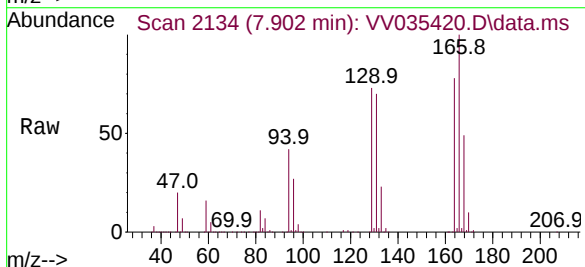
Ion Ratio Lower Upper

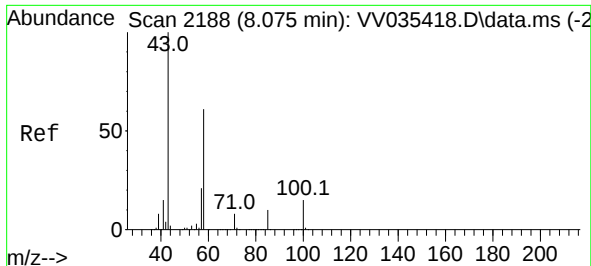
164 100

129 93.6 65.7 122.1

131 90.3 63.6 118.0

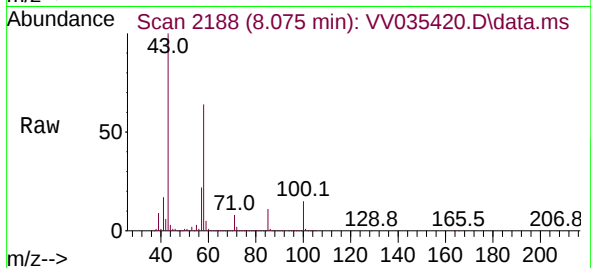
166 128.5 89.9 167.0



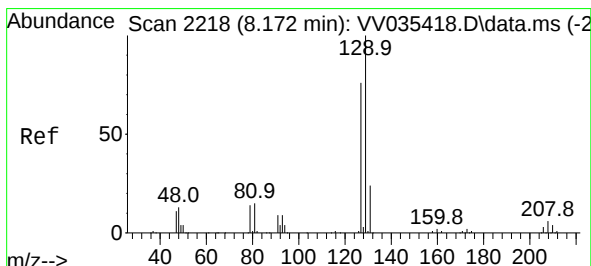
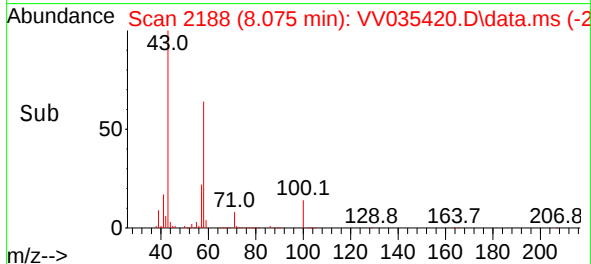
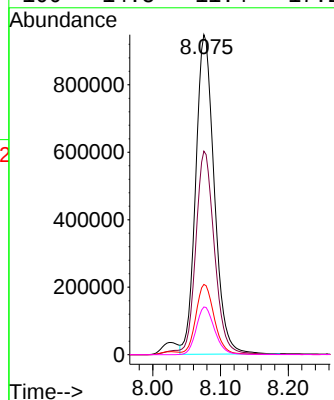


#48
2-Hexanone
Concen: 418.483 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Instrument :
MSVOA_V
ClientSampleId :

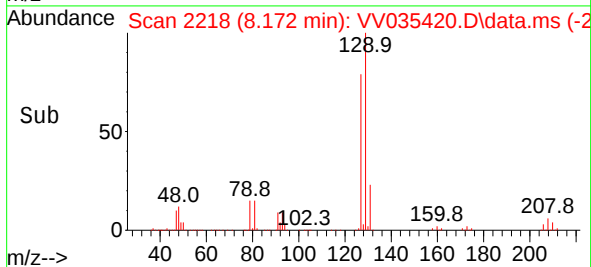
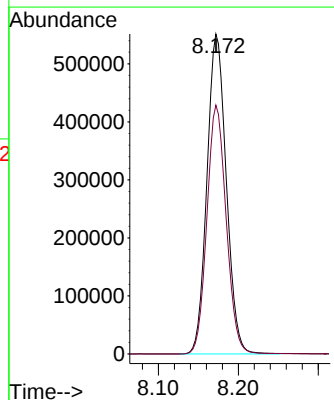
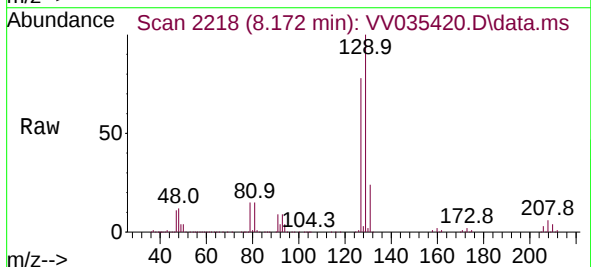


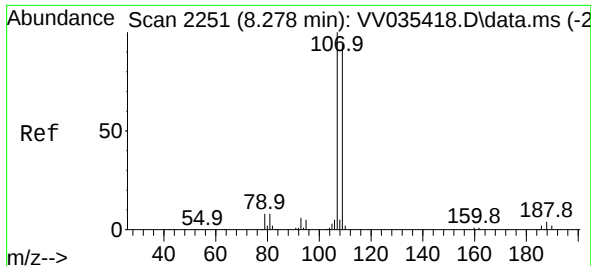
Tgt Ion: 43 Resp: 1801661
Ion Ratio Lower Upper
43 100
58 65.2 49.4 74.0
57 22.0 17.1 25.7
100 14.8 11.4 17.2



#49
Dibromochloromethane
Concen: 203.159 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Tgt Ion: 129 Resp: 927620
Ion Ratio Lower Upper
129 100
127 77.8 53.1 98.5

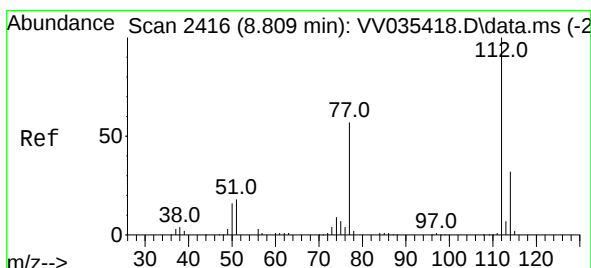
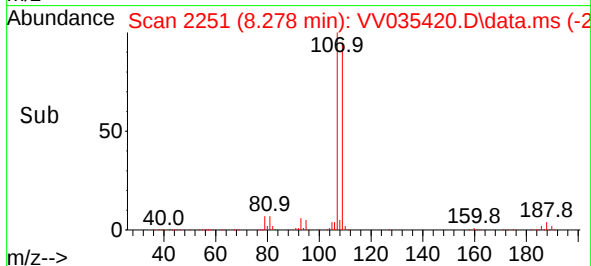
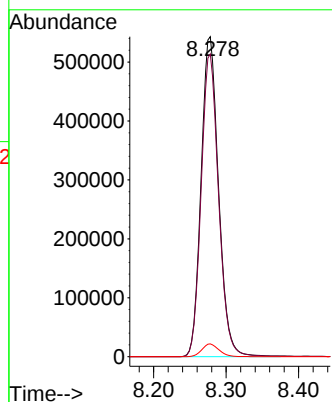
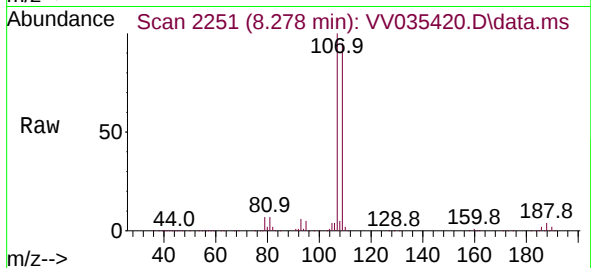




#50
1,2-Dibromoethane
Concen: 200.082 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

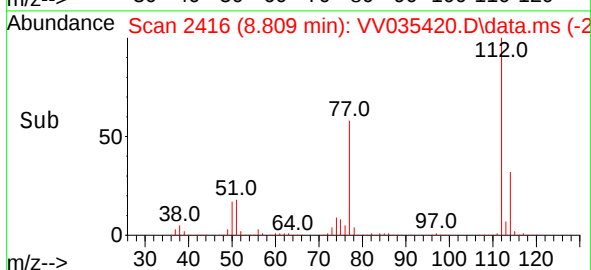
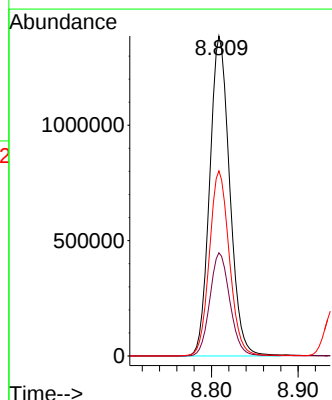
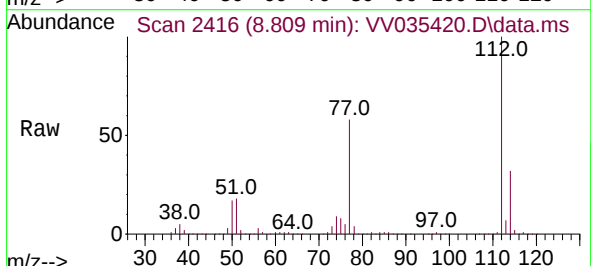
Instrument :
MSVOA_V
ClientSampleId :

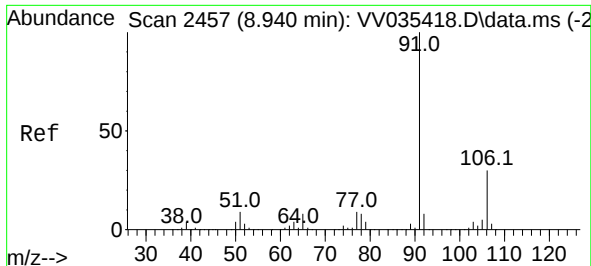
Tgt Ion:107 Resp: 909176
Ion Ratio Lower Upper
107 100
109 94.6 65.7 122.1
188 4.0 3.1 4.7



#51
Chlorobenzene
Concen: 196.892 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Tgt Ion:112 Resp: 2228975
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 57.9 45.6 68.4





#52

Ethylbenzene

Concen: 214.694 ug/L

RT: 8.940 min Scan# 2457

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

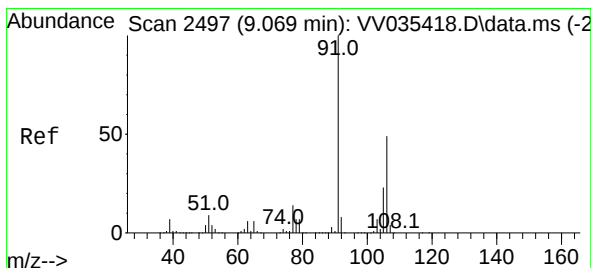
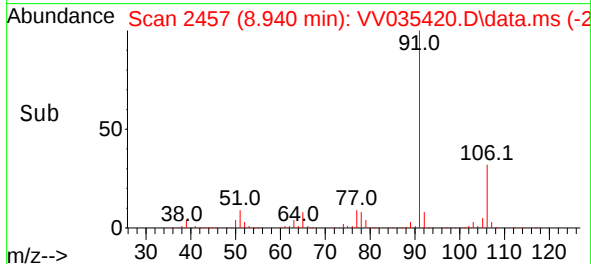
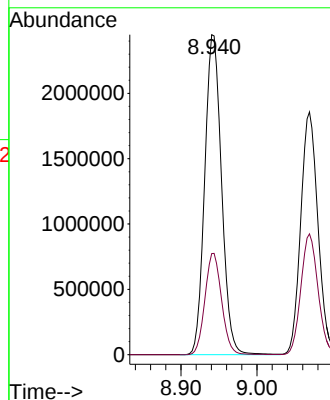
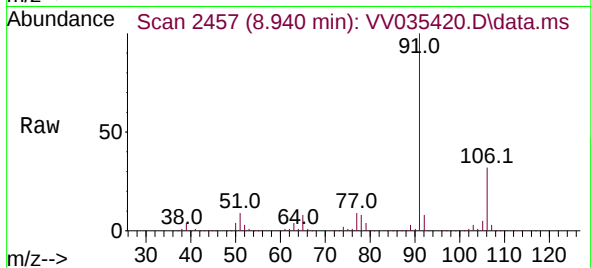
ClientSampleId :

Tgt Ion: 91 Resp: 3766344

Ion Ratio Lower Upper

91 100

106 31.6 21.3 39.5



#53

m,p-Xylene

Concen: 217.897 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV035420.D

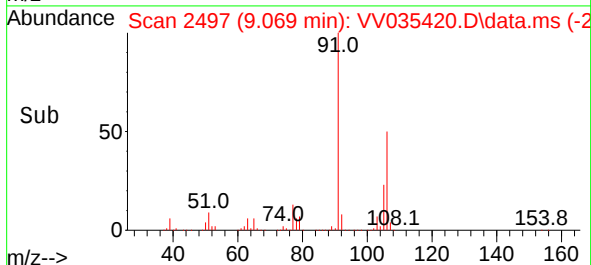
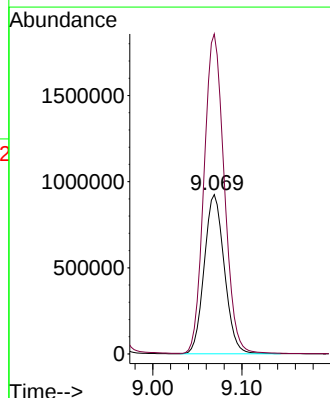
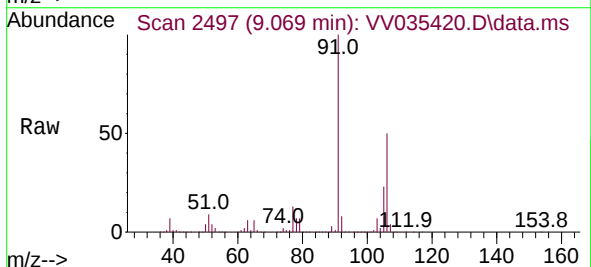
Acq: 26 Apr 2024 11:11

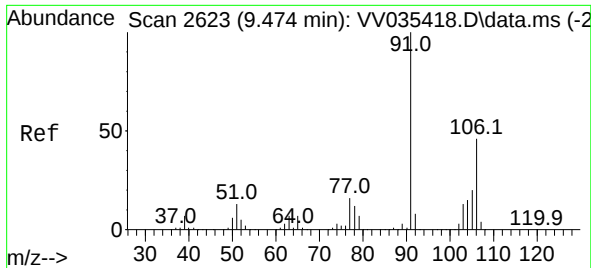
Tgt Ion:106 Resp: 1446671

Ion Ratio Lower Upper

106 100

91 200.9 142.2 264.0

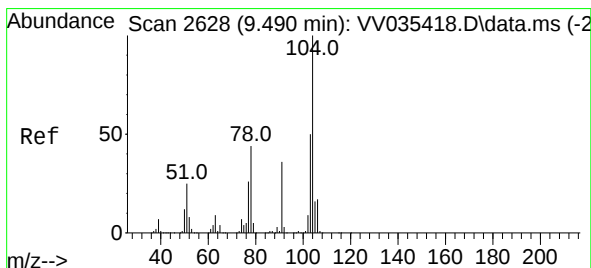
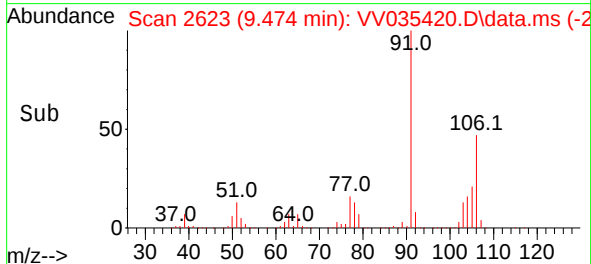
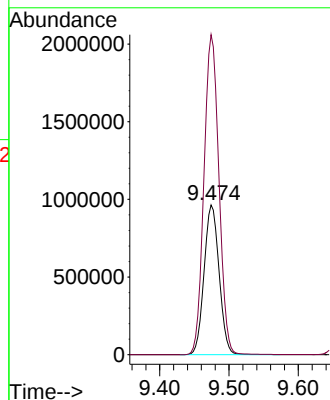
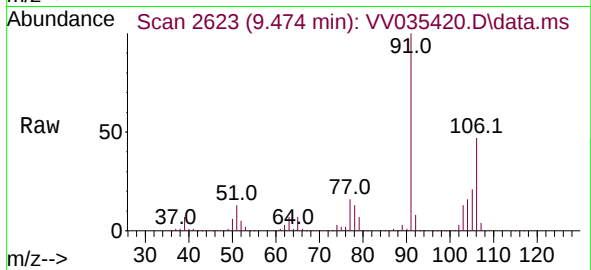




#54
o-Xylene
Concen: 223.000 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

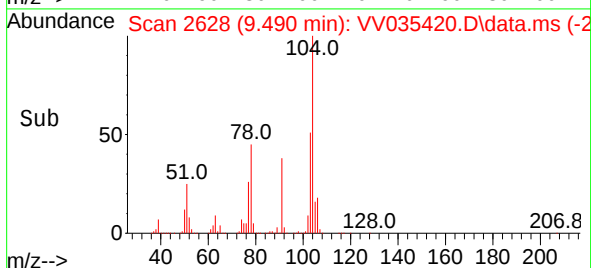
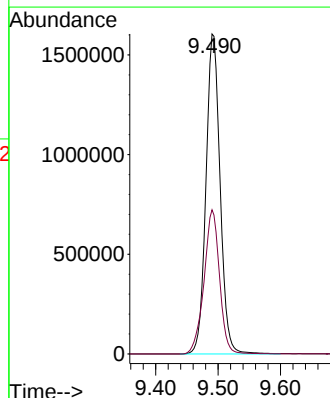
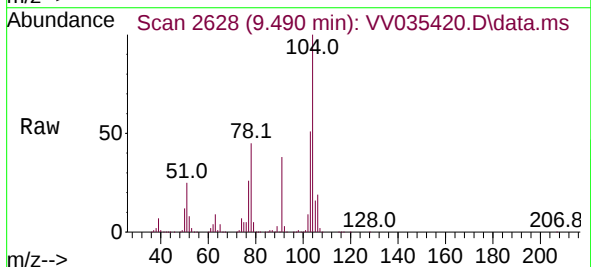
Instrument :
MSVOA_V
ClientSampleId :

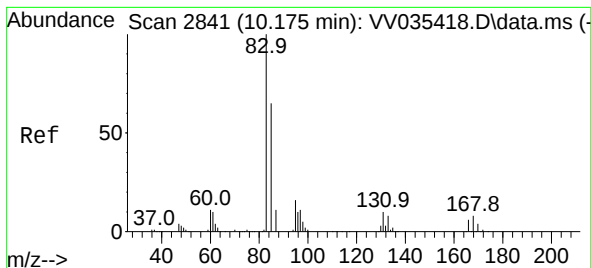
Tgt Ion:106 Resp: 1447724
Ion Ratio Lower Upper
106 100
91 213.7 152.7 283.5



#55
Styrene
Concen: 226.438 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Tgt Ion:104 Resp: 2535203
Ion Ratio Lower Upper
104 100
78 45.1 30.9 57.3

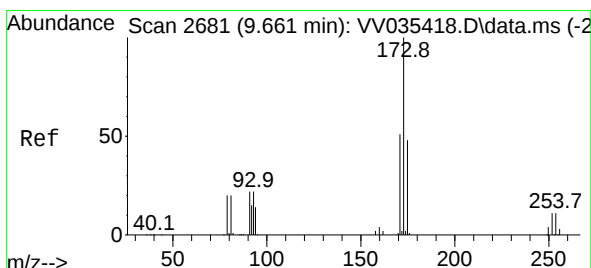
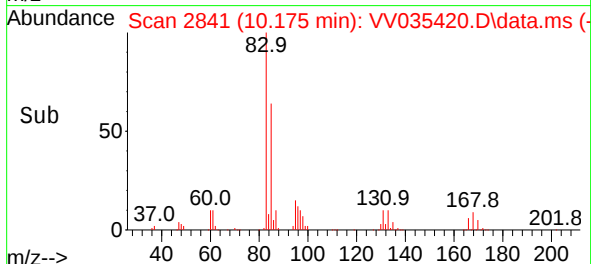
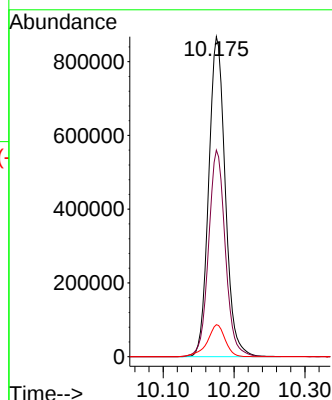
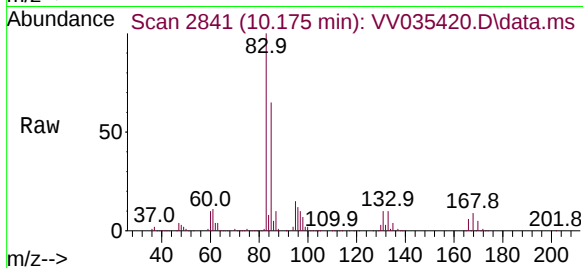




#57
1,1,2,2-Tetrachloroethane
Concen: 194.051 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

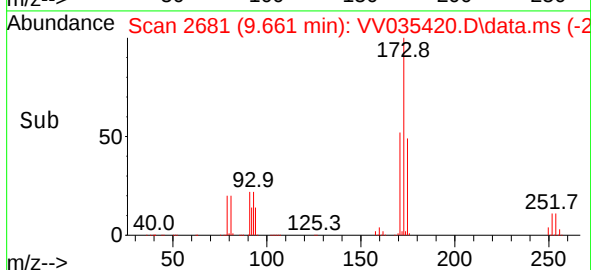
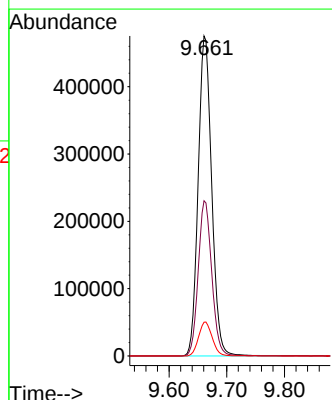
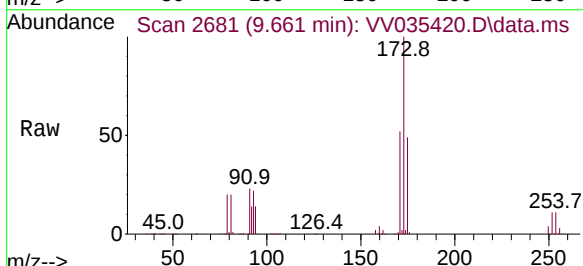
Instrument :
MSVOA_V
ClientSampleId :

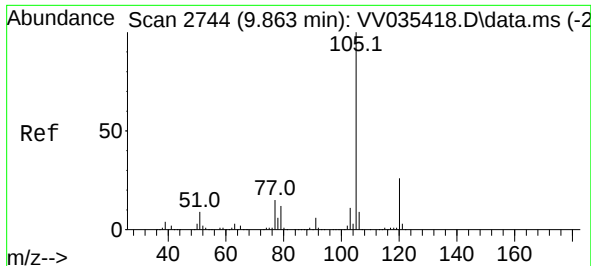
Tgt Ion: 83 Resp: 1408911
Ion Ratio Lower Upper
83 100
85 64.5 45.4 84.2
131 10.0 7.9 11.9



#59
Bromoform
Concen: 203.474 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

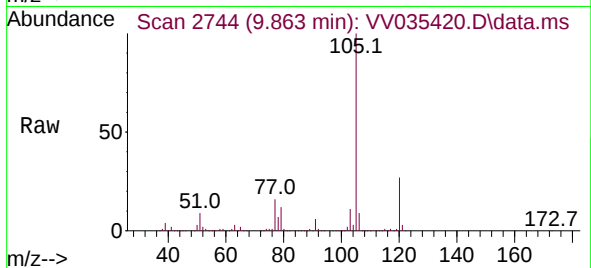
Tgt Ion:173 Resp: 772105
Ion Ratio Lower Upper
173 100
175 48.4 38.6 58.0
254 10.7 8.7 13.1



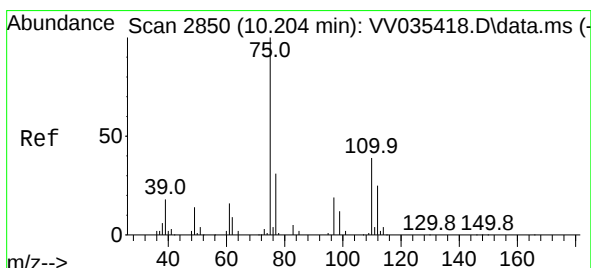
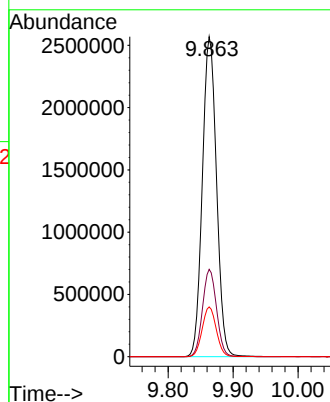
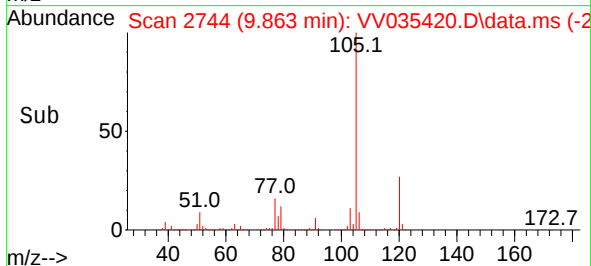


#60
Isopropylbenzene
Concen: 212.914 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

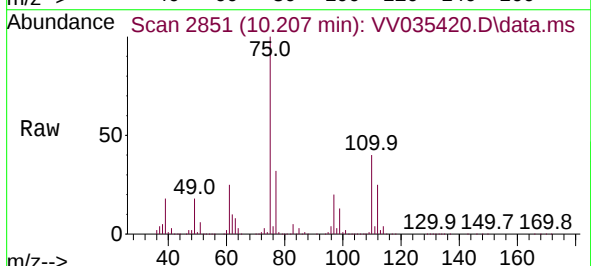
Instrument :
MSVOA_V
ClientSampleId :



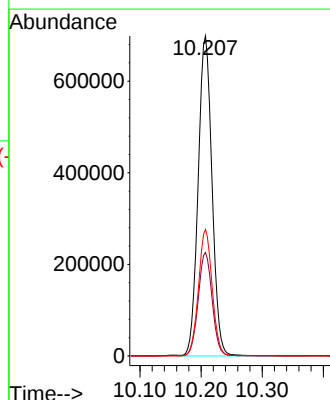
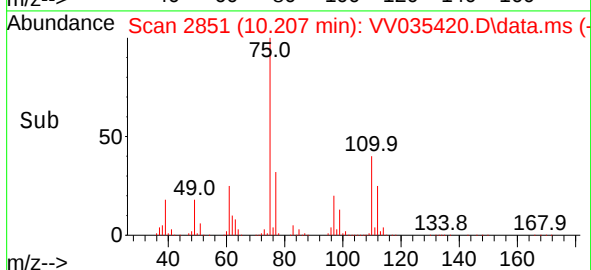
Tgt Ion:105 Resp: 3904214
Ion Ratio Lower Upper
105 100
120 27.1 21.1 31.7
77 15.5 12.4 18.6

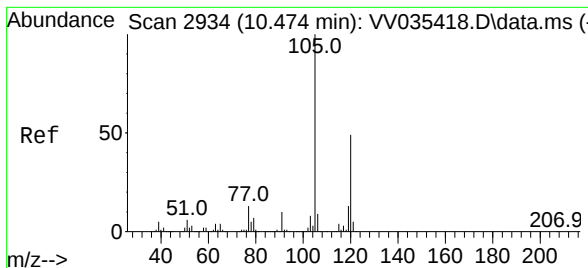


#61
1,2,3-Trichloropropane
Concen: 183.998 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.003 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11



Tgt Ion: 75 Resp: 1100796
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 39.2 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 225.092 ug/L

RT: 10.474 min Scan# 20

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

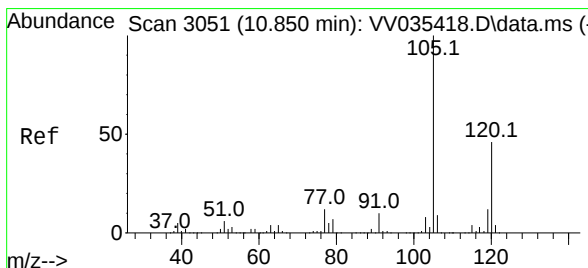
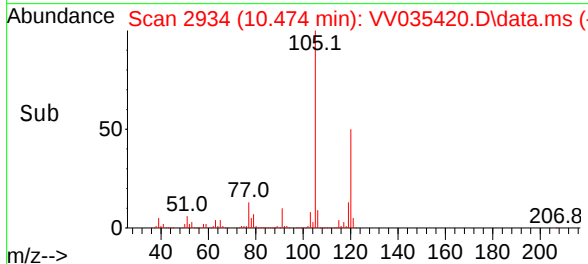
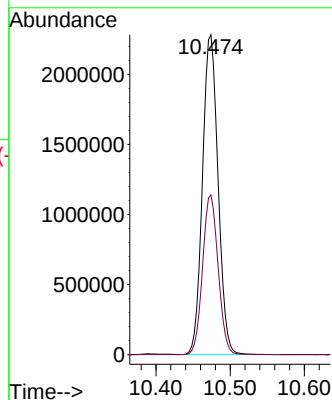
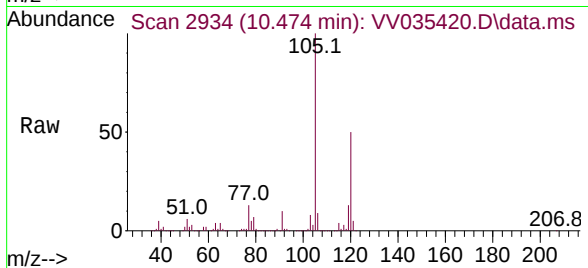
ClientSampleId :

Tgt Ion:105 Resp: 3325158

Ion Ratio Lower Upper

105 100

120 49.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 233.111 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. -0.003 min

Lab File: VV035420.D

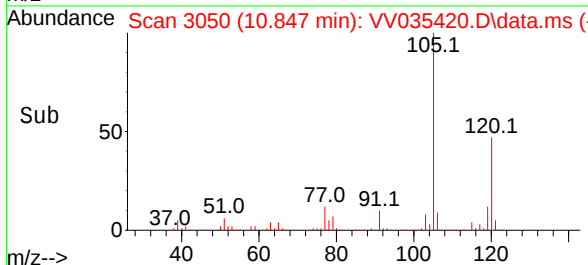
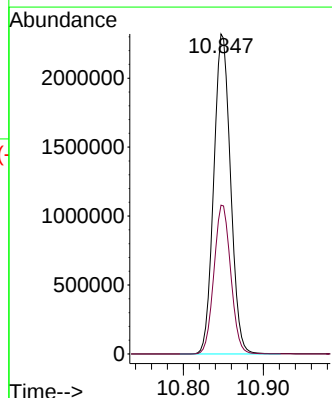
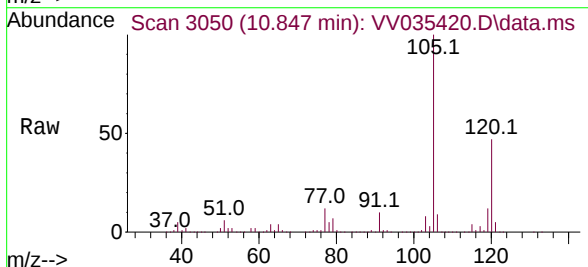
Acq: 26 Apr 2024 11:11

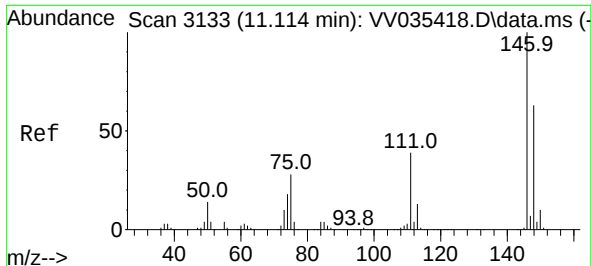
Tgt Ion:105 Resp: 3371522

Ion Ratio Lower Upper

105 100

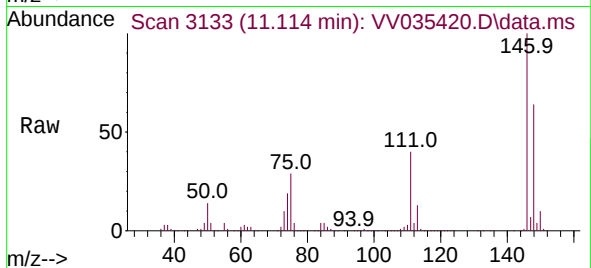
120 46.6 36.7 55.1



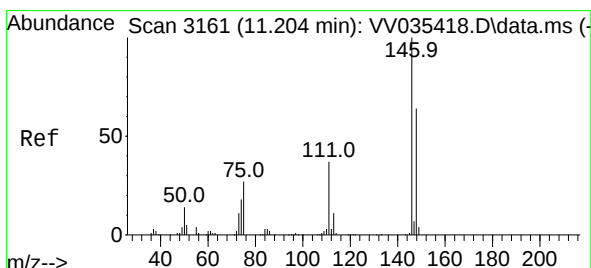
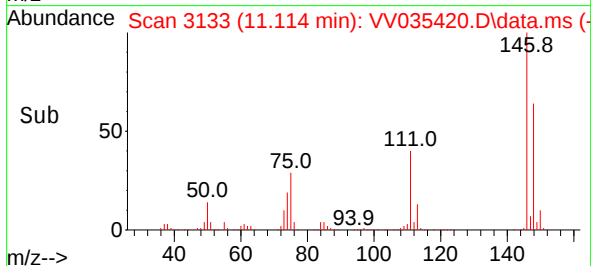
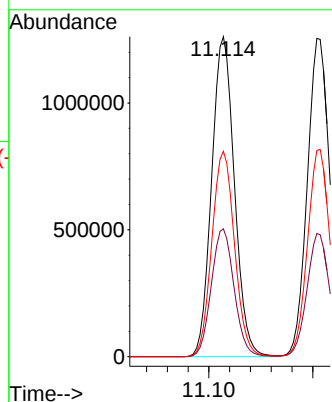


#64
1,3-Dichlorobenzene
Concen: 201.921 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Instrument :
MSVOA_V
ClientSampleId :

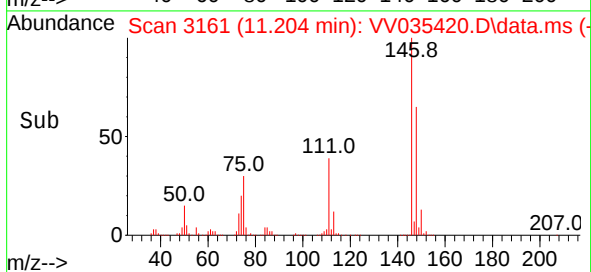
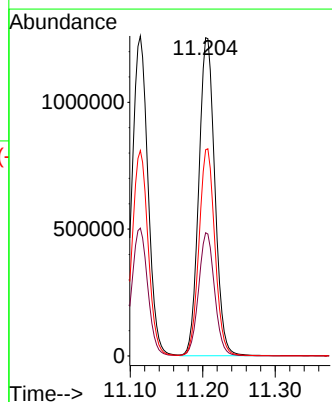
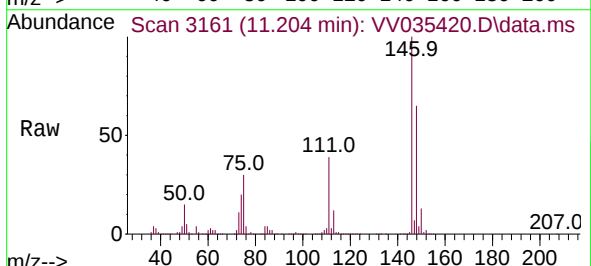


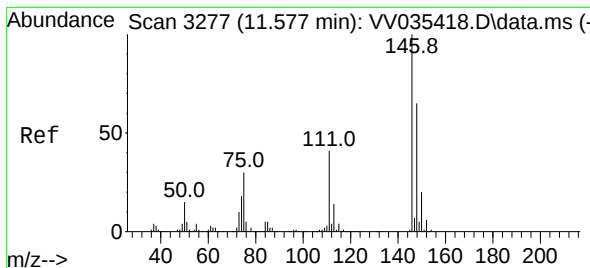
Tgt Ion:146 Resp: 1918091
Ion Ratio Lower Upper
146 100
111 40.0 27.0 50.2
148 64.2 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 193.291 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV035420.D
Acq: 26 Apr 2024 11:11

Tgt Ion:146 Resp: 1925894
Ion Ratio Lower Upper
146 100
111 38.7 26.5 49.1
148 64.8 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 195.684 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

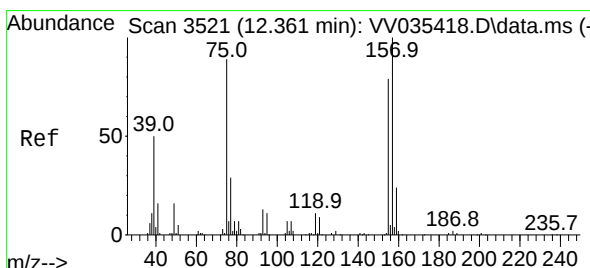
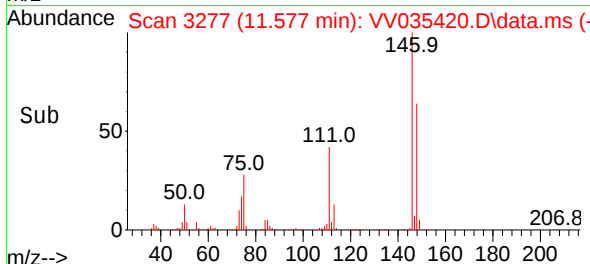
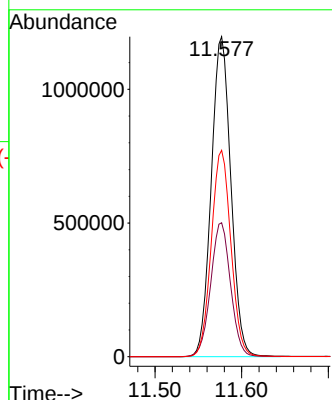
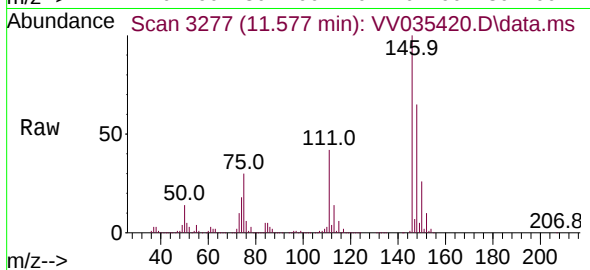
Tgt Ion:146 Resp: 1883348

Ion Ratio Lower Upper

146 100

111 41.9 33.3 49.9

148 64.5 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 218.851 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

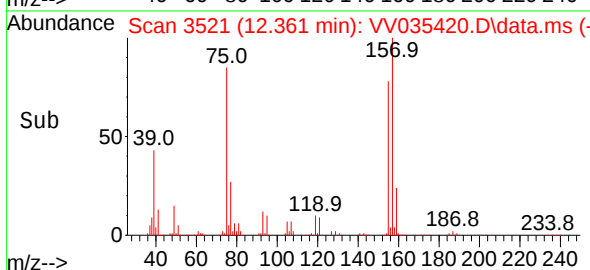
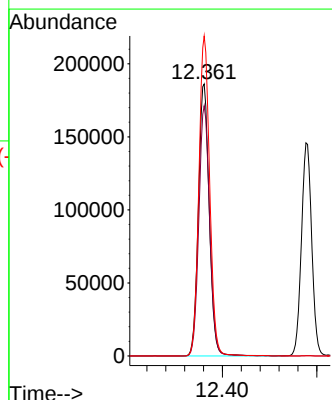
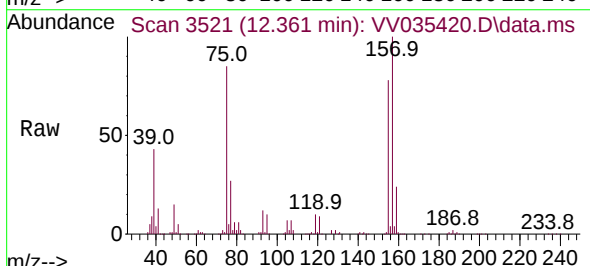
Tgt Ion: 75 Resp: 296216

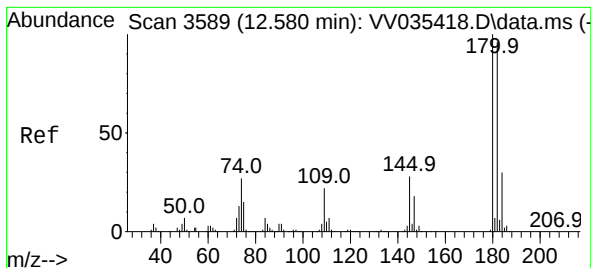
Ion Ratio Lower Upper

75 100

155 92.0 70.6 106.0

157 117.7 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 216.534 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

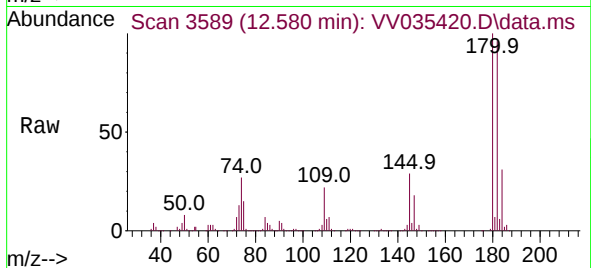
Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1457382

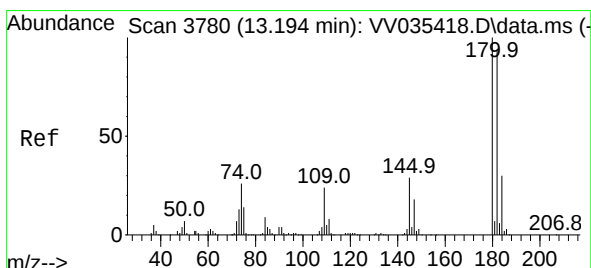
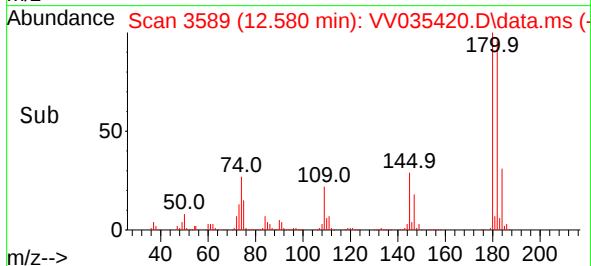
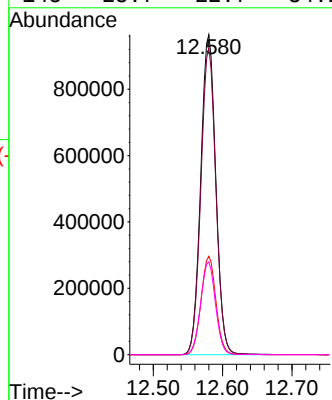
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

184 30.3 23.8 35.6

145 28.7 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 241.361 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

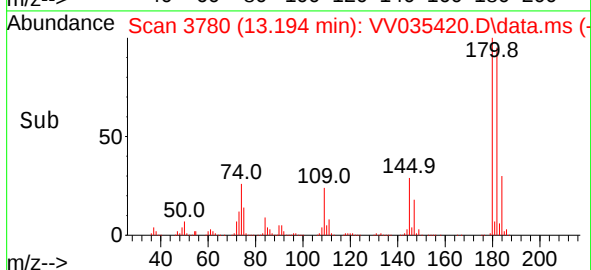
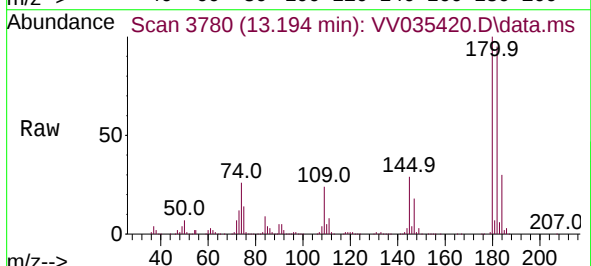
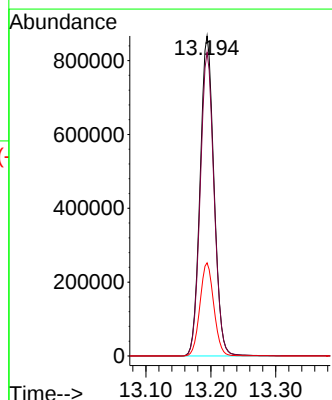
Tgt Ion:180 Resp: 1289588

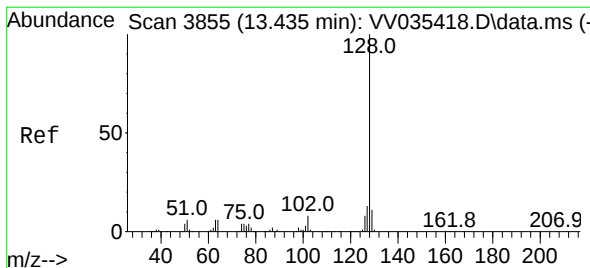
Ion Ratio Lower Upper

180 100

182 95.0 75.1 112.7

145 29.2 23.2 34.8





#71

Naphthalene

Concen: 272.711 ug/L

RT: 13.432 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Instrument :

MSVOA_V

ClientSampleId :

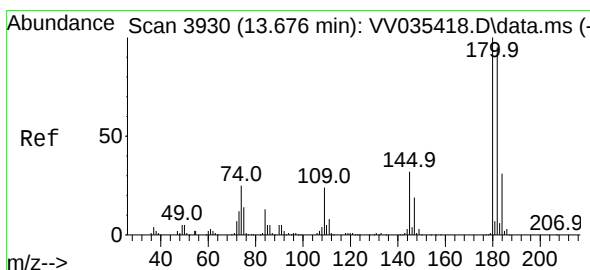
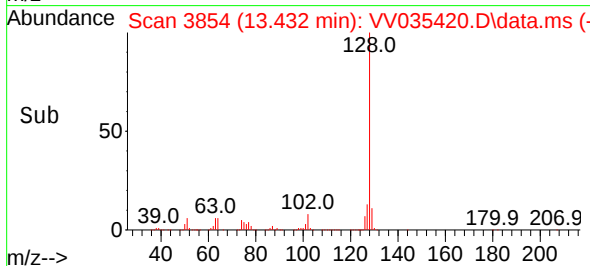
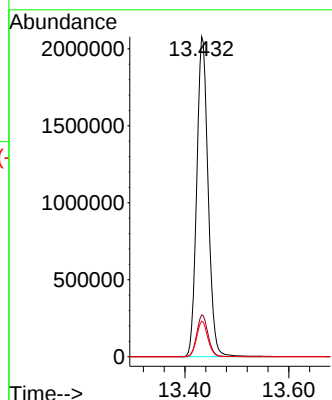
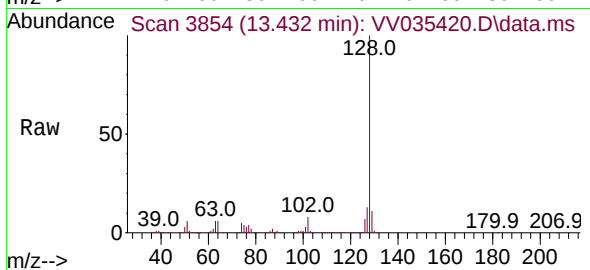
Tgt Ion:128 Resp: 3155696

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 238.392 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035420.D

Acq: 26 Apr 2024 11:11

Tgt Ion:180 Resp: 1241120

Ion Ratio Lower Upper

180 100

182 95.5 76.6 115.0

145 31.0 24.7 37.1

