

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW011725\
 Data File : VW038449.D
 Acq On : 17 Jan 2025 12:06
 Operator : SY/MD
 Sample : VSTD01026
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 18 00:19:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 00:13:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	248015	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	257670	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	139494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	213604	11.067	ug/L	0.00
7) Chloroethane-d5	1.532	69	176662	11.260	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	93386	11.294	ug/L	0.00
20) 2-Butanone-d5	3.809	46	481266	123.858	ug/L	0.00
24) Chloroform-d	4.239	84	401904	10.880	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	180297	10.791	ug/L	0.00
32) Benzene-d6	4.950	84	787963	11.721	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.979	67	236871	11.363	ug/L	0.00
41) Toluene-d8	7.233	98	723343	11.650	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	89546	11.606	ug/L	0.00
46) 2-Hexanone-d5	8.017	63	375538	125.481	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.143	84	182677	10.540	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.551	152	246157	10.325	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	269578	10.937	ug/L	99
3) Chloromethane	1.214	50	275497	12.642	ug/L	99
5) Vinyl chloride	1.281	62	285979	11.791	ug/L	99
6) Bromomethane	1.487	94	146392	14.408	ug/L	96
8) Chloroethane	1.548	64	169759	11.231	ug/L	98
9) Trichlorofluoromethane	1.712	101	354251	10.530	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	207509	10.762	ug/L	99
12) 1,1-Dichloroethene	2.066	96	201134	10.960	ug/L	95
13) Acetone	2.153	43	314465	109.381	ug/L	98
14) Carbon disulfide	2.236	76	689172	11.502	ug/L	99
15) Methyl Acetate	2.387	43	79983	11.222	ug/L	100
16) Methylene chloride	2.442	84	223198	10.813	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	454406	11.150	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	216698	11.340	ug/L	98
19) 1,1-Dichloroethane	3.104	63	409127	11.642	ug/L	99
21) 2-Butanone	3.886	43	500082	119.021	ug/L	95
22) cis-1,2-Dichloroethene	3.805	96	227772	11.508	ug/L	98
23) Bromochloromethane	4.143	128	100130	10.468	ug/L	95
25) Chloroform	4.265	83	402836	10.944	ug/L	97
27) 1,2-Dichloroethane	5.034	62	230483	11.418	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	351956	11.167	ug/L	96
30) Cyclohexane	4.574	56	344320	12.645	ug/L	98
31) Carbon tetrachloride	4.725	117	306866	10.961	ug/L	100
33) Benzene	5.001	78	886202	11.901	ug/L	100
34) Trichloroethene	5.825	95	222467	11.009	ug/L	94
35) Methylcyclohexane	6.040	83	359086	12.190	ug/L	99
37) 1,2-Dichloropropane	6.082	63	230011	12.291	ug/L	98
38) Bromodichloromethane	6.423	83	281536	11.298	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	331374	12.593	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	1214482	123.927	ug/L	99
42) Toluene	7.304	91	952811	12.089	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	272266	12.316	ug/L	98

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

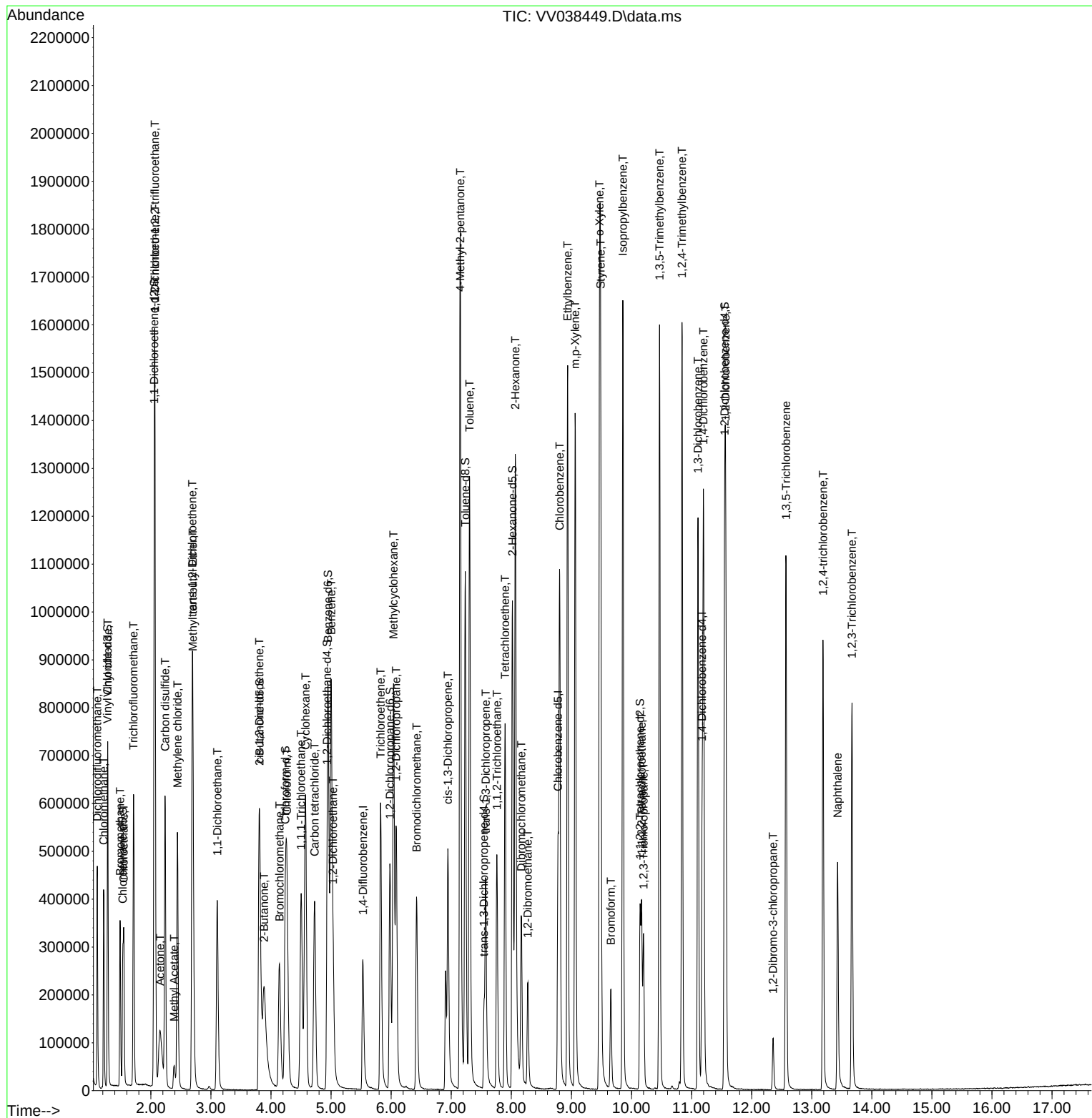
45) 1,1,2-Trichloroethane	7.760	97	156263	10.530	ug/L	97
47) Tetrachloroethene	7.895	164	172990	10.708	ug/L	99
48) 2-Hexanone	8.066	43	890426	123.826	ug/L	97
49) Dibromochloromethane	8.165	129	184426	11.241	ug/L	98
50) 1,2-Dibromoethane	8.275	107	149800	10.870	ug/L	98
51) Chlorobenzene	8.805	112	605783	11.263	ug/L	99
52) Ethylbenzene	8.937	91	1037616	12.348	ug/L	99
53) m,p-Xylene	9.062	106	400463	12.700	ug/L	96
54) o-Xylene	9.468	106	385202	12.517	ug/L	97
55) Styrene	9.487	104	676066	12.574	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.168	83	188597	10.872	ug/L	99
59) Bromoform	9.657	173	96561	11.436	ug/L	99
60) Isopropylbenzene	9.857	105	1035245	12.394	ug/L	98
61) 1,2,3-Trichloropropane	10.201	75	132857	10.962	ug/L	98
62) 1,3,5-Trimethylbenzene	10.467	105	829922	12.553	ug/L	100
63) 1,2,4-Trimethylbenzene	10.840	105	841171	12.689	ug/L	99
64) 1,3-Dichlorobenzene	11.107	146	487747	11.046	ug/L	98
65) 1,4-Dichlorobenzene	11.197	146	491419	10.998	ug/L	99
67) 1,2-Dichlorobenzene	11.567	146	444828	10.920	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.358	75	28995	10.633	ug/L	89
69) 1,3,5-Trichlorobenzene	12.574	180	329038	10.521	ug/L	98
70) 1,2,4-trichlorobenzene	13.188	180	268117	10.658	ug/L	98
71) Naphthalene	13.432	128	405939	10.508	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	241144	10.462	ug/L	99

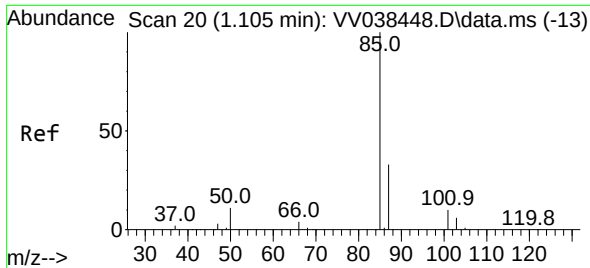
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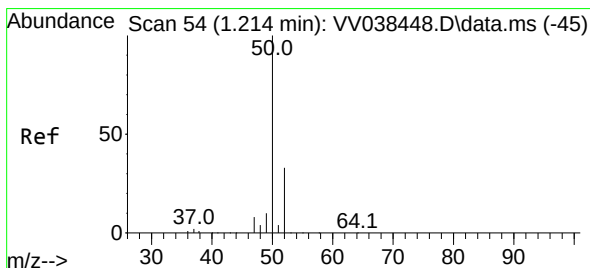
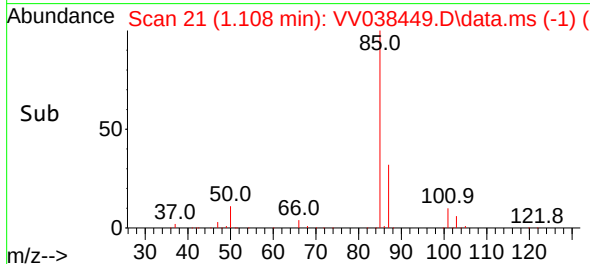
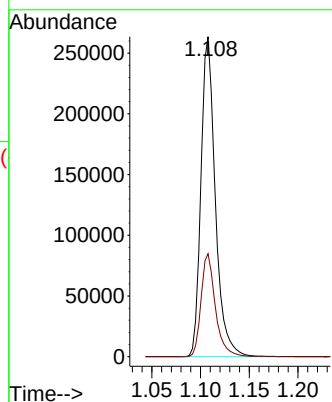
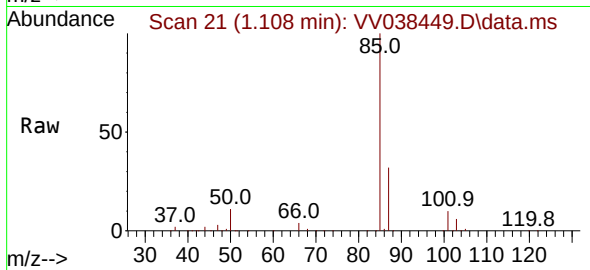




#2
 Dichlorodifluoromethane
 Concen: 10.937 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV038449.D
 Acq: 17 Jan 2025 12:06

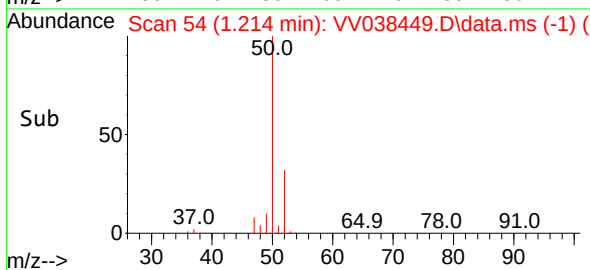
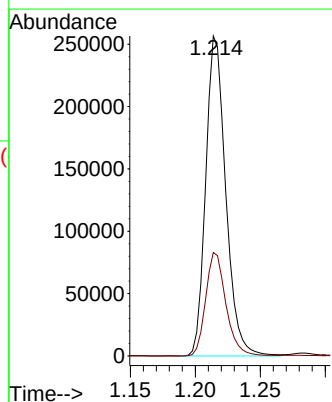
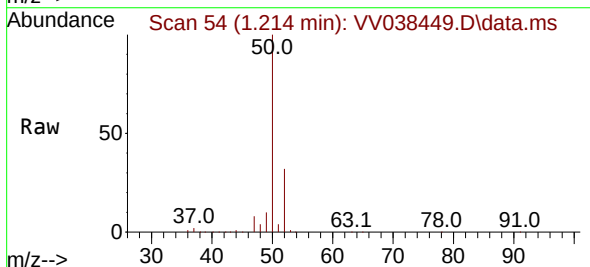
Instrument :
 MSVOA_V
 ClientSampleId :

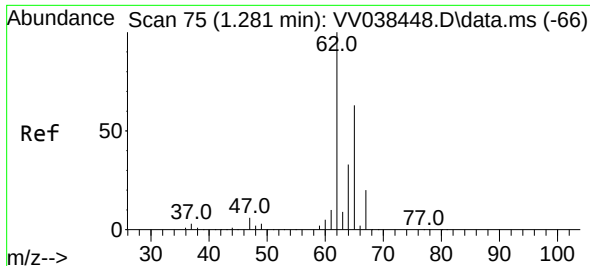
Tgt Ion: 85 Resp: 269578
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 12.642 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV038449.D
 Acq: 17 Jan 2025 12:06

Tgt Ion: 50 Resp: 275497
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.0 42.6

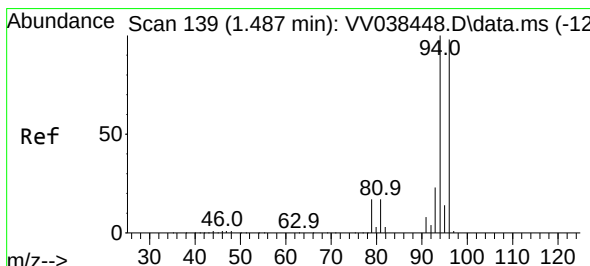
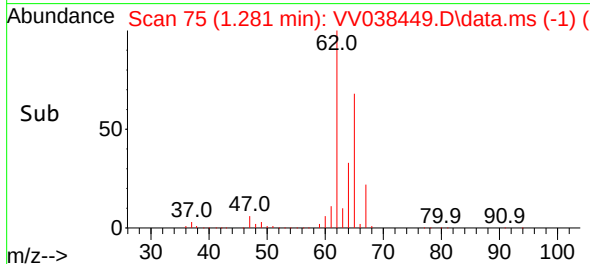
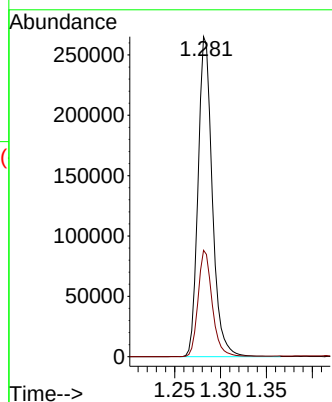
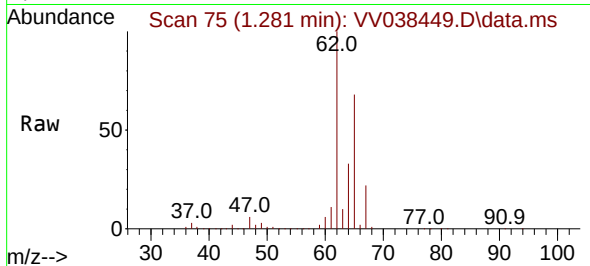




#5
 Vinyl chloride
 Concen: 11.791 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV038449.D
 Acq: 17 Jan 2025 12:06

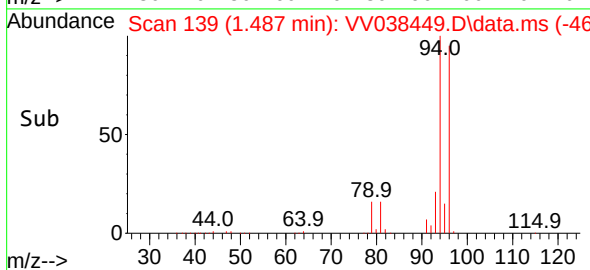
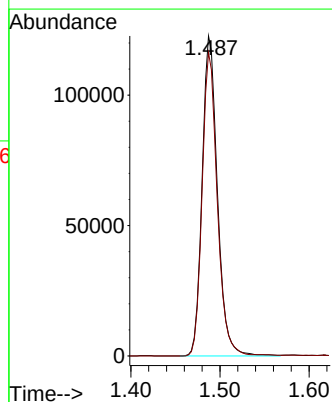
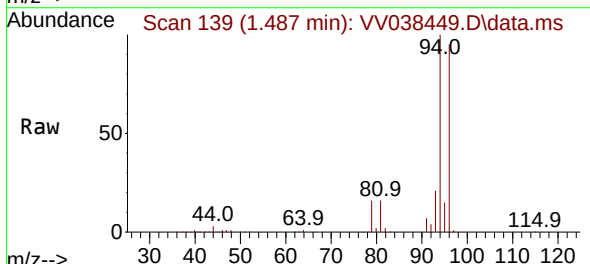
Instrument :
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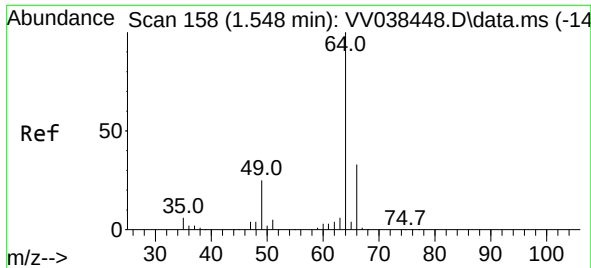
Tgt Ion: 62 Resp: 285979
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.5 43.7



#6
 Bromomethane
 Concen: 14.408 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV038449.D
 Acq: 17 Jan 2025 12:06

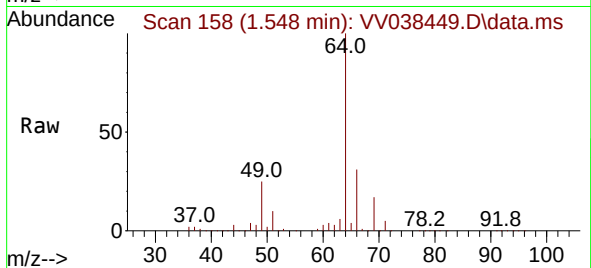
Tgt Ion: 94 Resp: 146392
 Ion Ratio Lower Upper
 94 100
 96 94.8 68.9 127.9



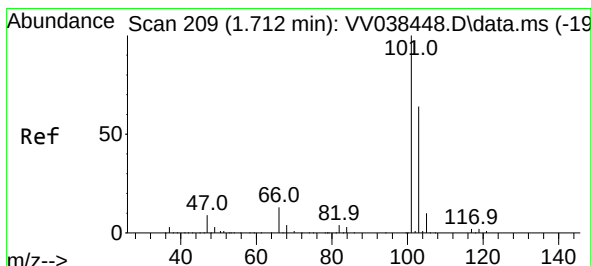
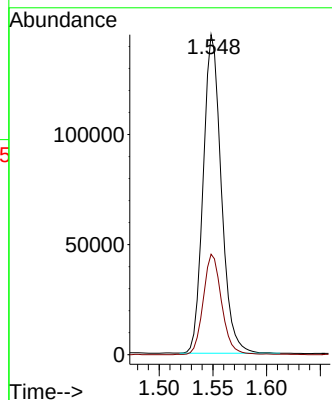
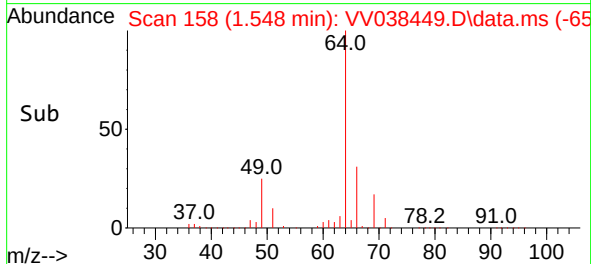


#8
Chloroethane
Concen: 11.231 ug/L
RT: 1.548 min Scan# 158
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Instrument :
MSVOA_V
ClientSampleId :

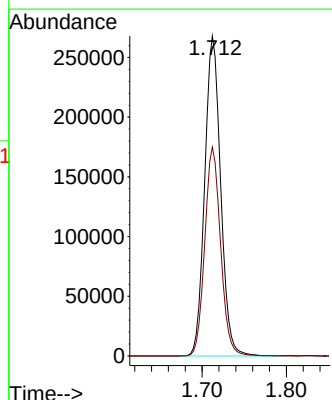
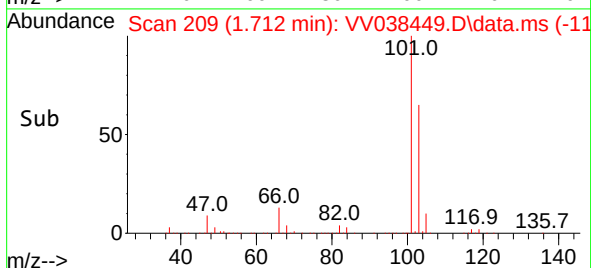
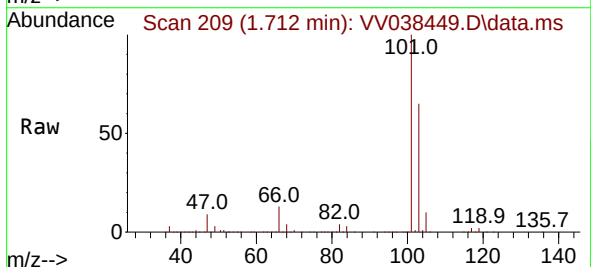


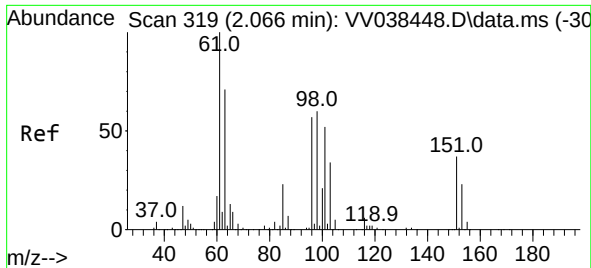
Tgt Ion: 64 Resp: 169759
Ion Ratio Lower Upper
64 100
66 31.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 10.530 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion:101 Resp: 354251
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

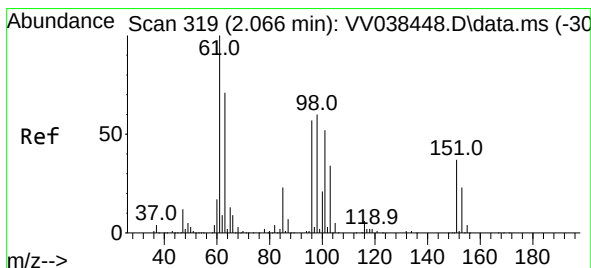
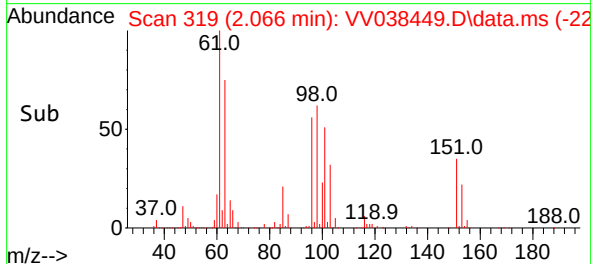
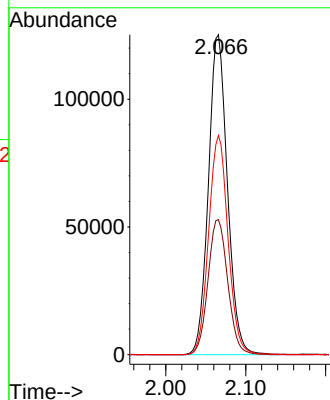
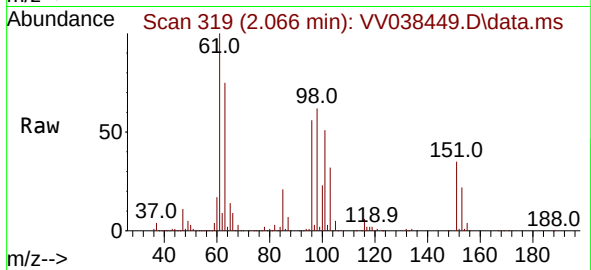




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.762 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV038449.D
 Acq: 17 Jan 2025 12:06

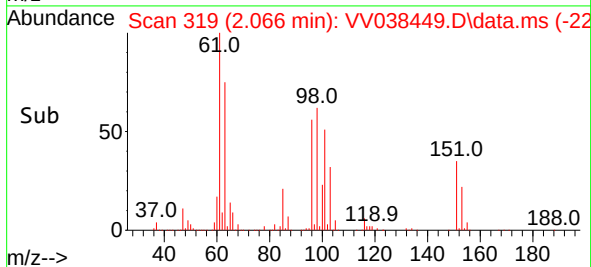
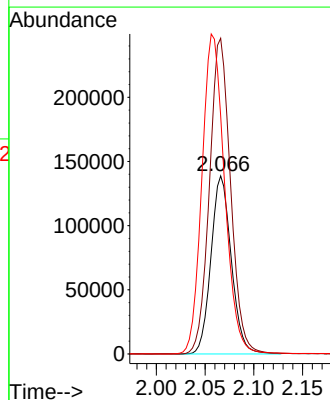
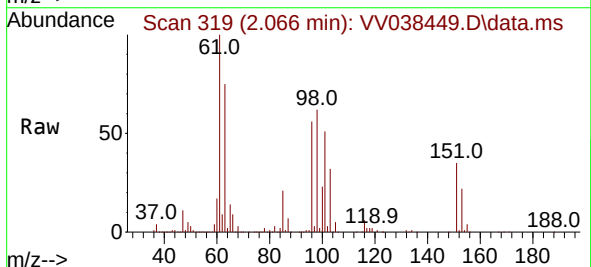
Instrument :
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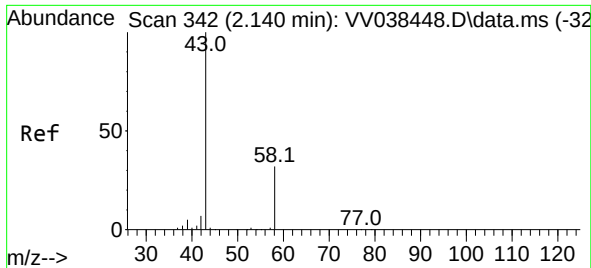
Tgt Ion:101 Resp: 207509
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.2 52.8
 151 69.8 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 10.960 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.000 min
 Lab File: VV038449.D
 Acq: 17 Jan 2025 12:06

Tgt Ion: 96 Resp: 201134
 Ion Ratio Lower Upper
 96 100
 61 177.3 122.2 227.0
 63 133.7 86.2 160.0





#13

Acetone

Concen: 109.381 ug/L

RT: 2.153 min Scan# 34

Delta R.T. 0.013 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

Instrument :

MSVOA_V

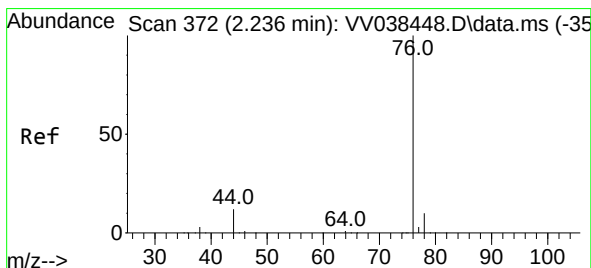
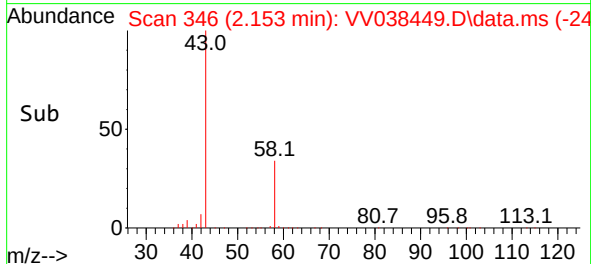
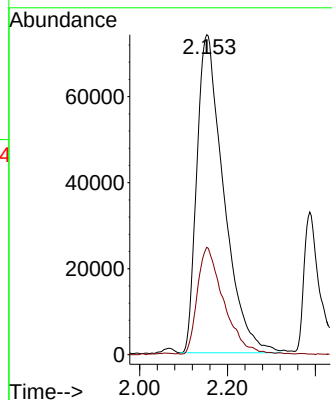
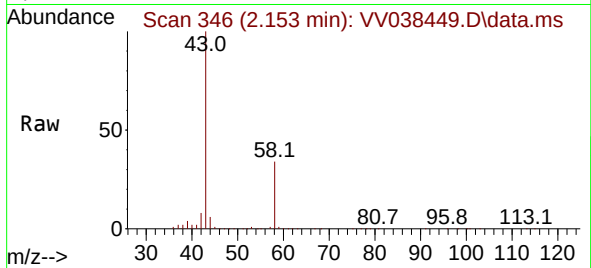
ClientSampleId :

Tgt Ion: 43 Resp: 314465

Ion Ratio Lower Upper

43 100

58 32.5 0.0 67.2



#14

Carbon disulfide

Concen: 11.502 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV038449.D

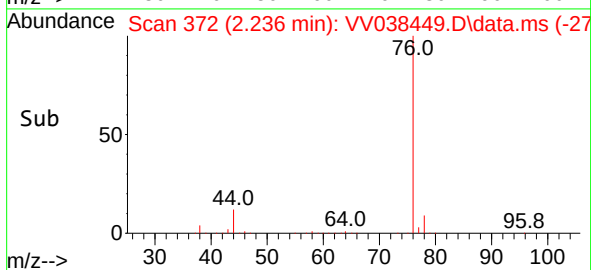
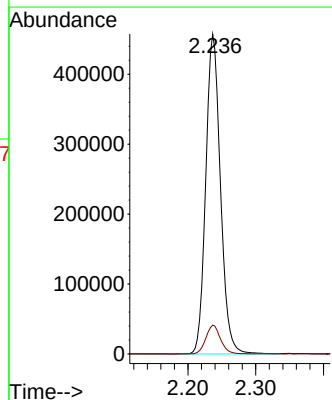
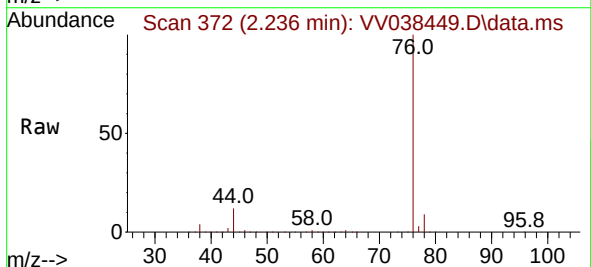
Acq: 17 Jan 2025 12:06

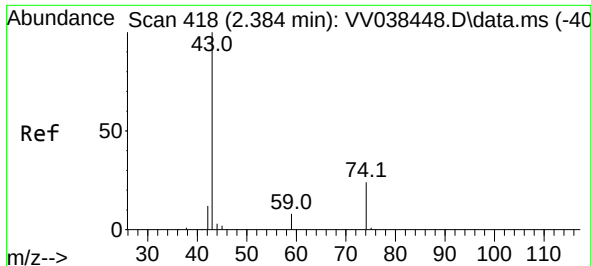
Tgt Ion: 76 Resp: 689172

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4

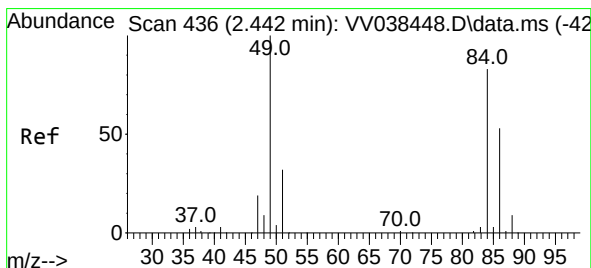
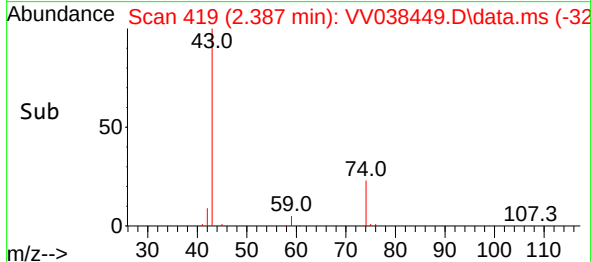
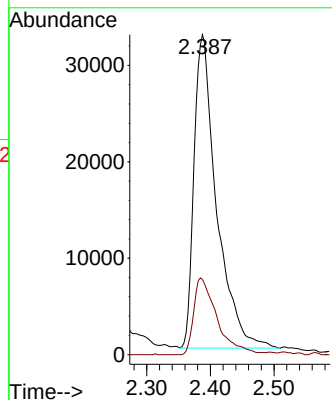
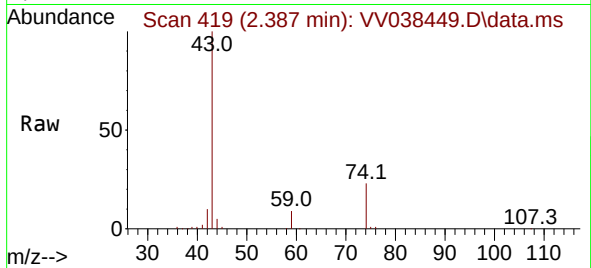




#15
Methyl Acetate
Concen: 11.222 ug/L
RT: 2.387 min Scan# 418
Delta R.T. 0.003 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

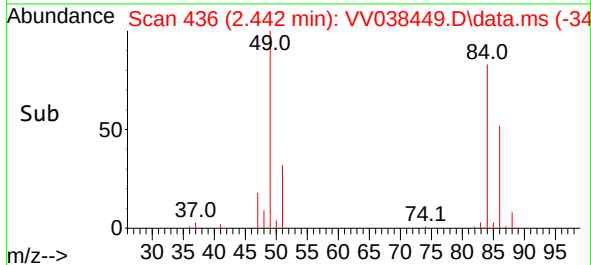
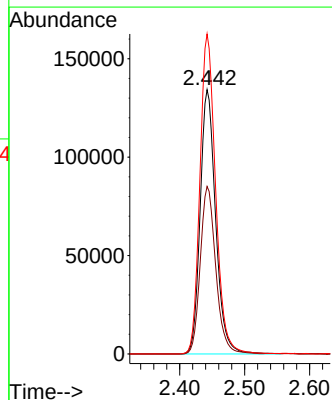
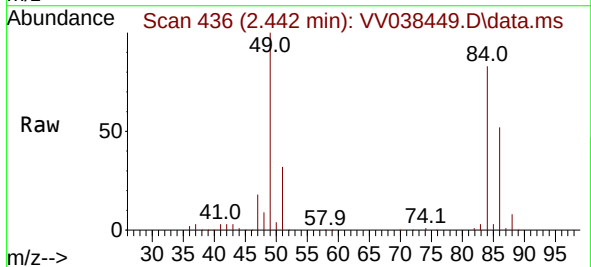
Instrument :
MSVOA_V
ClientSampleId :

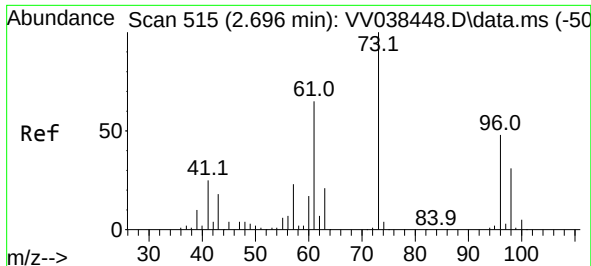
Tgt Ion: 43 Resp: 79983
Ion Ratio Lower Upper
43 100
74 25.4 20.4 30.6



#16
Methylene chloride
Concen: 10.813 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion: 84 Resp: 223198
Ion Ratio Lower Upper
84 100
86 63.4 44.7 82.9
49 121.1 84.1 156.1

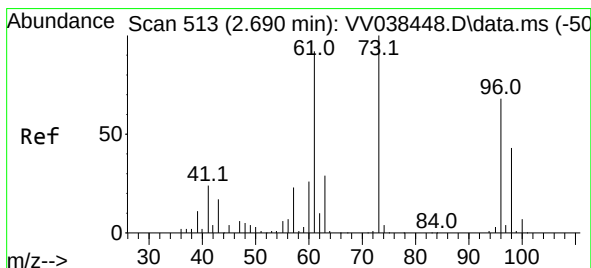
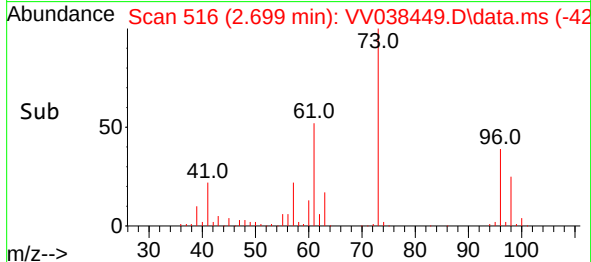
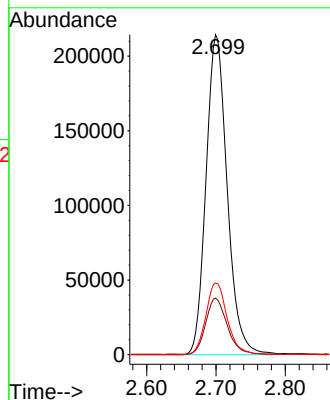
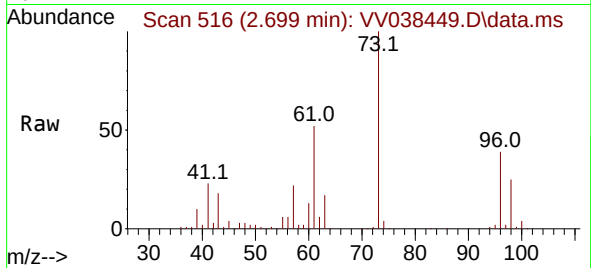




#17
Methyl tert-butyl Ether
Concen: 11.150 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

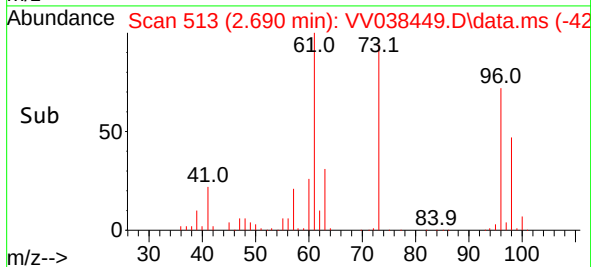
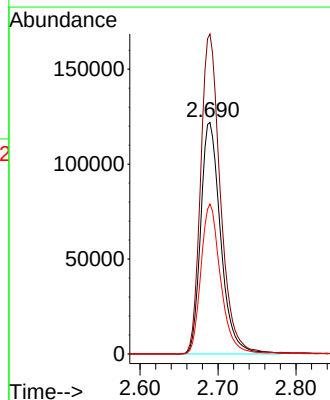
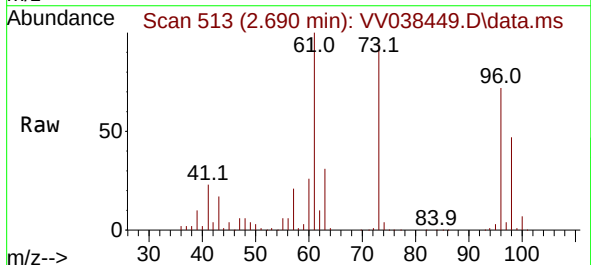
Instrument :
MSVOA_V
ClientSampleId :

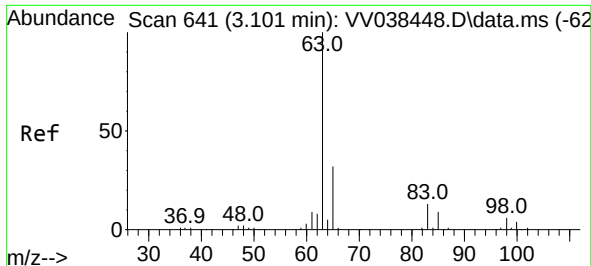
Tgt Ion: 73 Resp: 454406
Ion Ratio Lower Upper
73 100
43 17.7 14.6 21.8
57 22.7 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 11.340 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

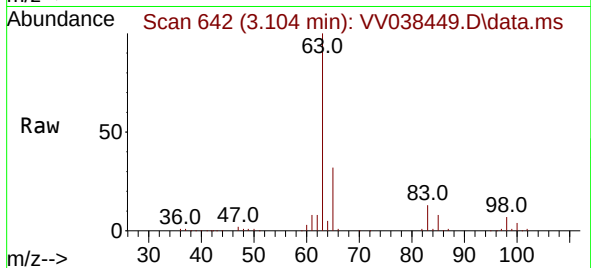
Tgt Ion: 96 Resp: 216698
Ion Ratio Lower Upper
96 100
61 138.2 94.8 176.2
98 64.7 44.2 82.2



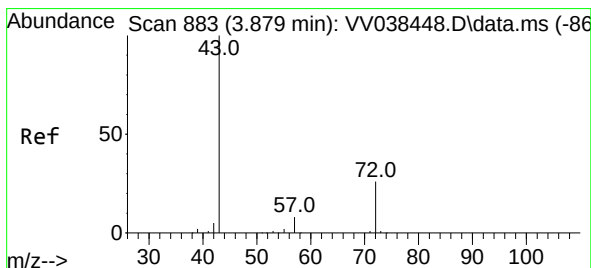
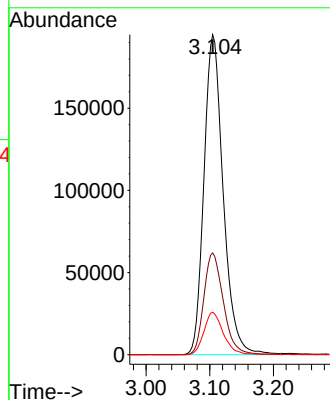
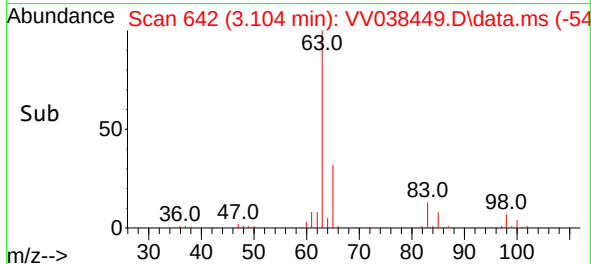


#19
1,1-Dichloroethane
Concen: 11.642 ug/L
RT: 3.104 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Instrument :
MSVOA_V
ClientSampleId :

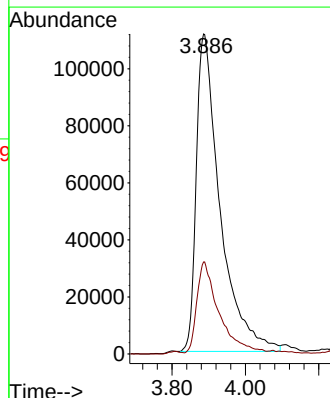
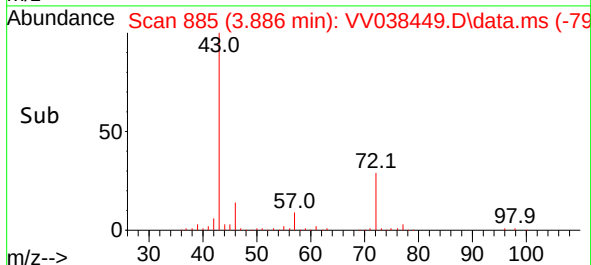
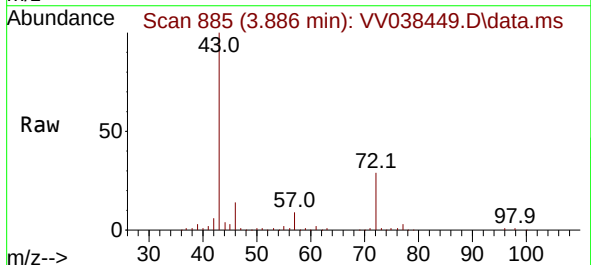


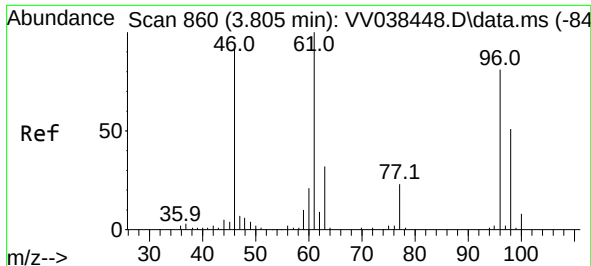
Tgt Ion: 63 Resp: 409127
Ion Ratio Lower Upper
63 100
65 31.8 22.5 41.9
83 13.3 9.4 17.6



#21
2-Butanone
Concen: 119.021 ug/L
RT: 3.886 min Scan# 885
Delta R.T. 0.006 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion: 43 Resp: 500082
Ion Ratio Lower Upper
43 100
72 26.7 12.2 36.4





#22

cis-1,2-Dichloroethene

Concen: 11.508 ug/L

RT: 3.805 min Scan# 860

Delta R.T. -0.000 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

Instrument :

MSVOA_V

ClientSampleId :

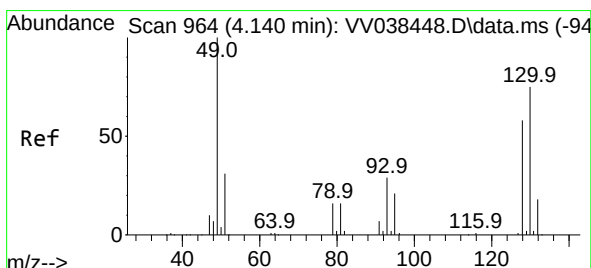
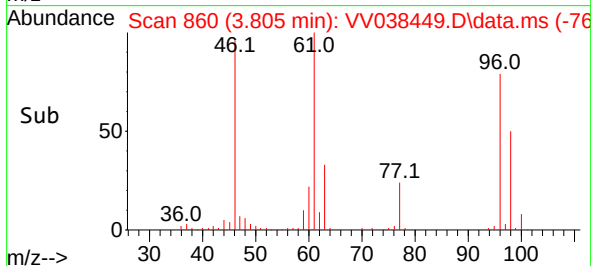
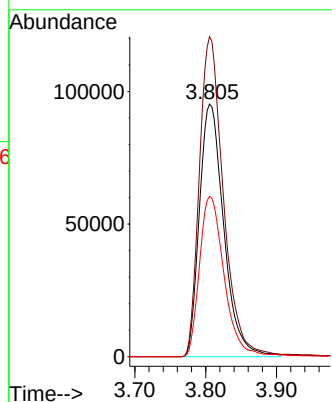
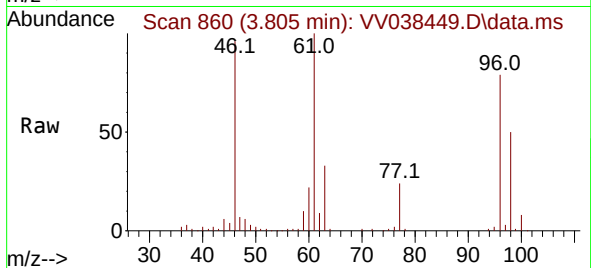
Tgt Ion: 96 Resp: 227772

Ion Ratio Lower Upper

96 100

61 126.7 86.5 160.7

98 63.4 43.8 81.3



#23

Bromochloromethane

Concen: 10.468 ug/L

RT: 4.143 min Scan# 965

Delta R.T. 0.003 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

Tgt Ion:128 Resp: 100130

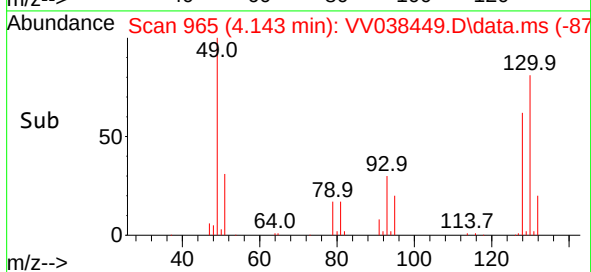
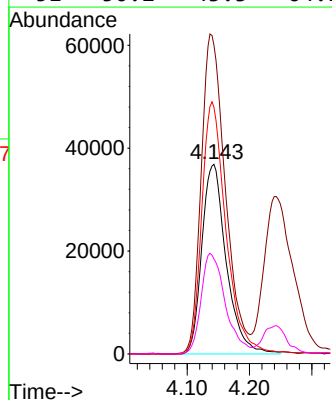
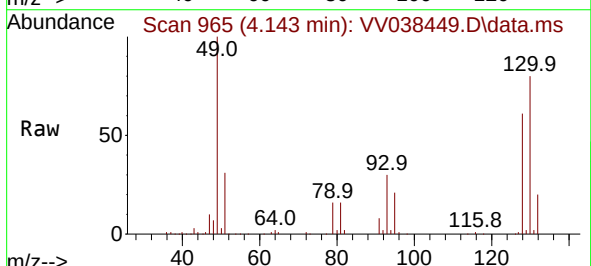
Ion Ratio Lower Upper

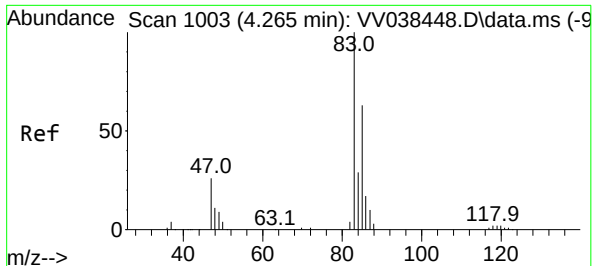
128 100

49 162.7 121.0 224.8

130 130.0 90.1 167.3

51 50.2 43.3 64.9

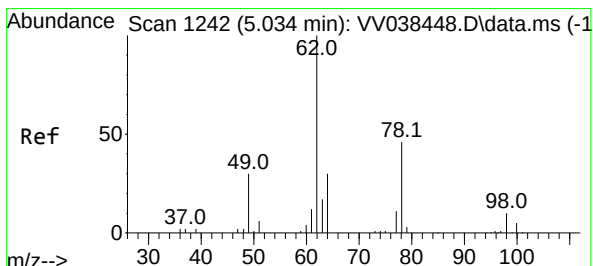
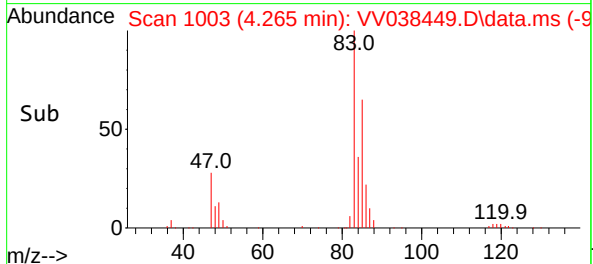
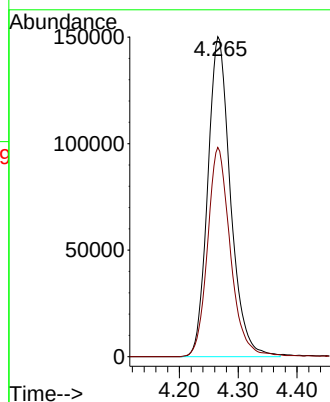
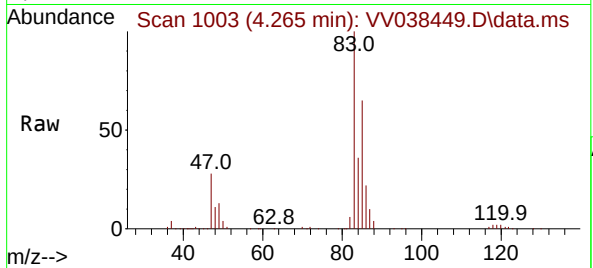




#25
Chloroform
Concen: 10.944 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

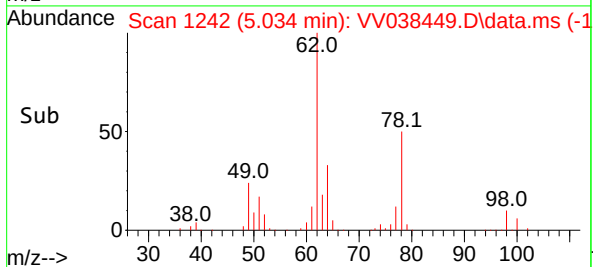
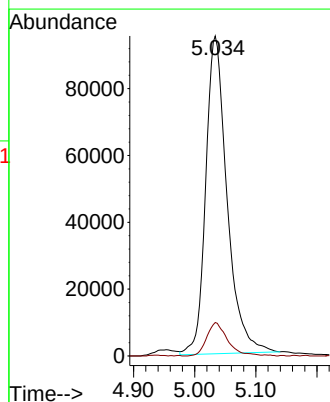
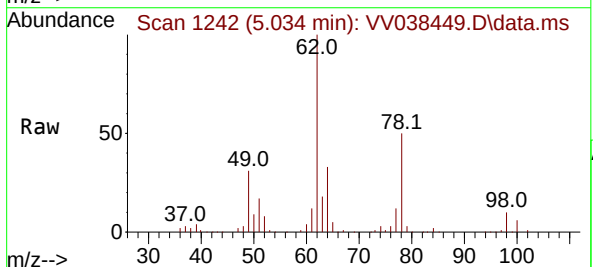
Instrument :
MSVOA_V
ClientSampleId :

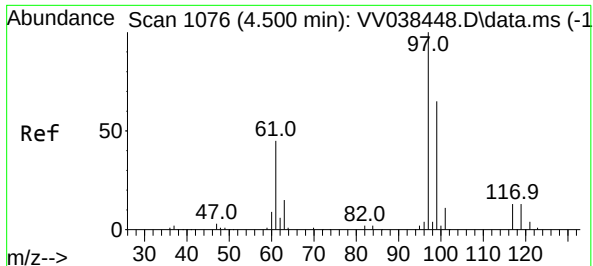
Tgt Ion: 83 Resp: 402836
Ion Ratio Lower Upper
83 100
85 65.4 44.0 81.8



#27
1,2-Dichloroethane
Concen: 11.418 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion: 62 Resp: 230483
Ion Ratio Lower Upper
62 100
98 10.4 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 11.167 ug/L

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

Instrument :

MSVOA_V

ClientSampleId :

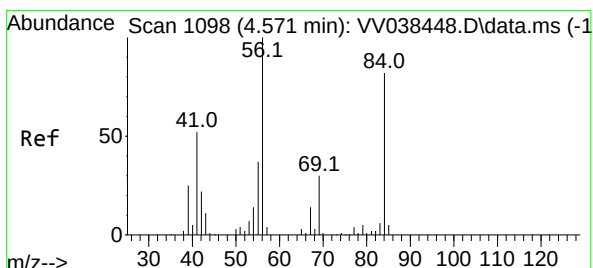
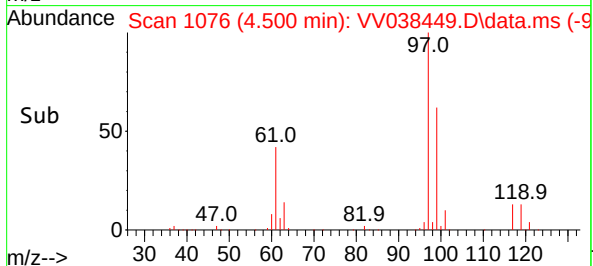
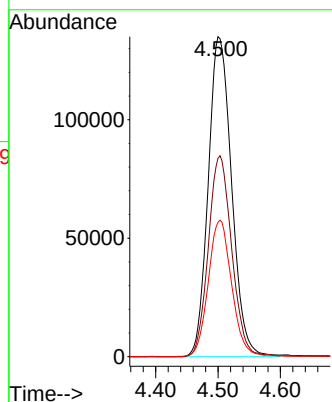
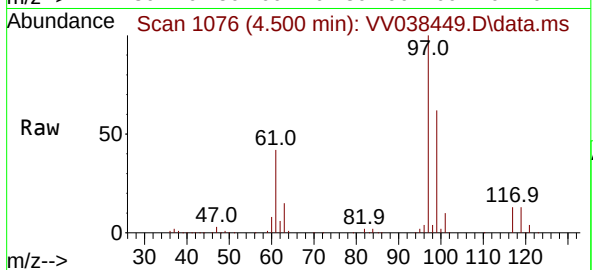
Tgt Ion: 97 Resp: 351956

Ion Ratio Lower Upper

97 100

99 62.9 52.9 79.3

61 42.6 36.4 54.6



#30

Cyclohexane

Concen: 12.645 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.003 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

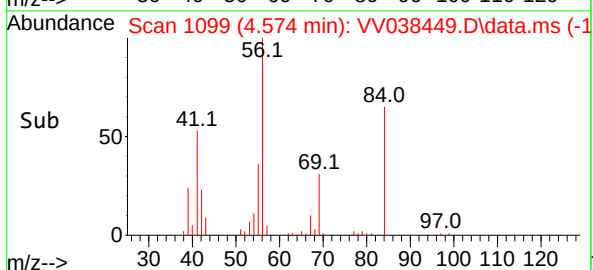
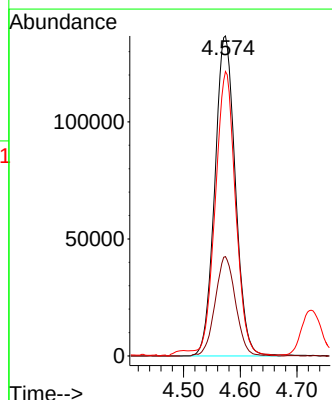
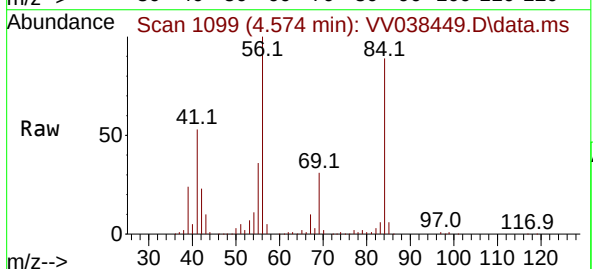
Tgt Ion: 56 Resp: 344320

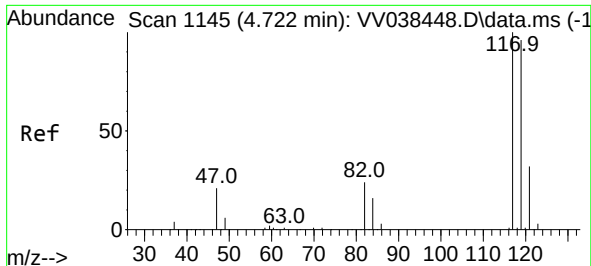
Ion Ratio Lower Upper

56 100

69 30.9 24.7 37.1

84 88.1 68.2 102.2

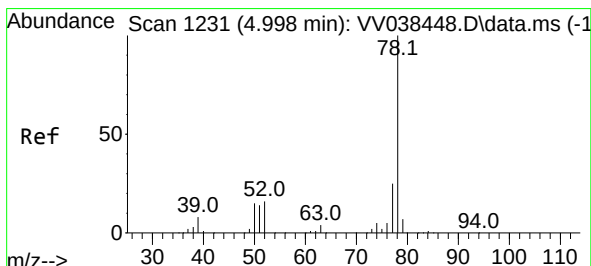
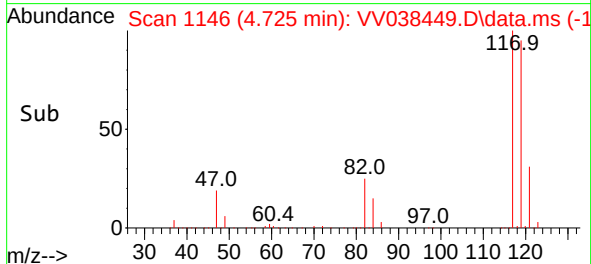
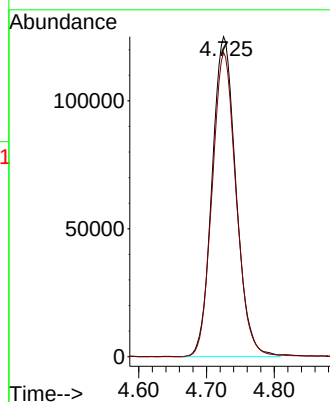
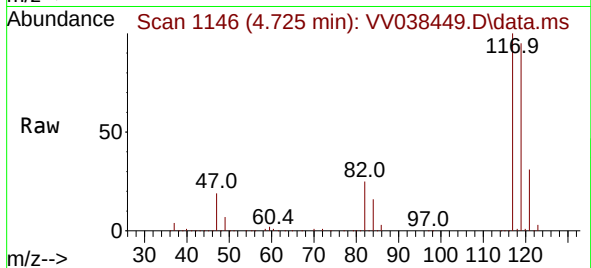




#31
Carbon tetrachloride
Concen: 10.961 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

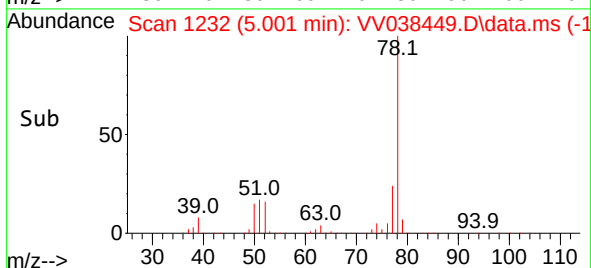
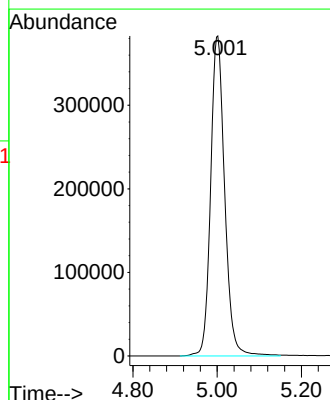
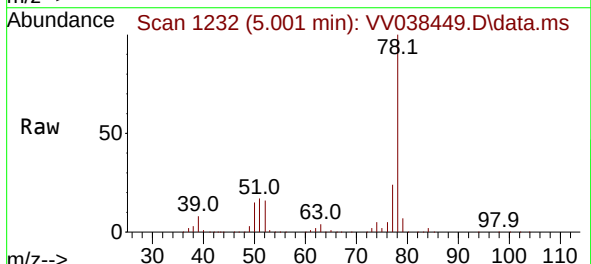
Instrument :
MSVOA_V
ClientSampleId :

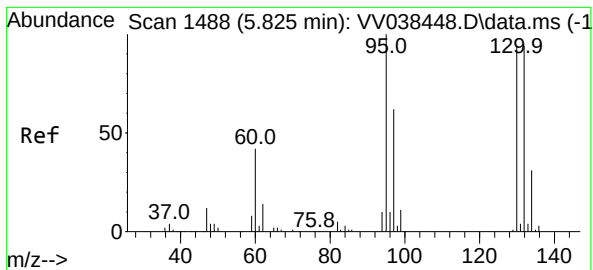
Tgt Ion:117 Resp: 306866
Ion Ratio Lower Upper
117 100
119 95.6 76.6 115.0



#33
Benzene
Concen: 11.901 ug/L
RT: 5.001 min Scan# 1232
Delta R.T. 0.003 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion: 78 Resp: 886202





#34

Trichloroethene

Concen: 11.009 ug/L

RT: 5.825 min Scan# 14

Delta R.T. -0.000 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 222467

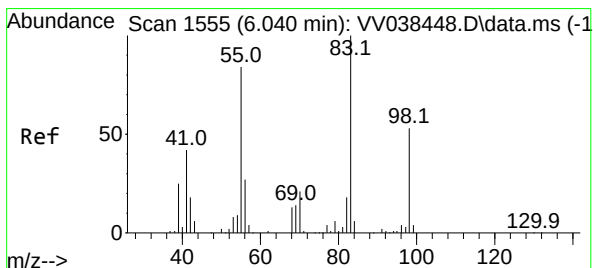
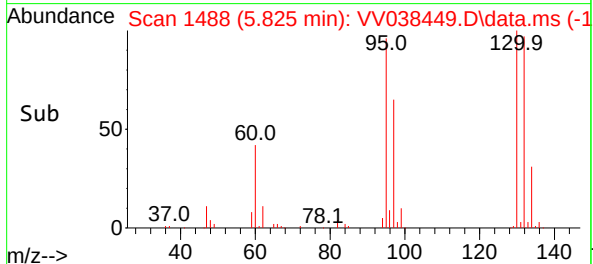
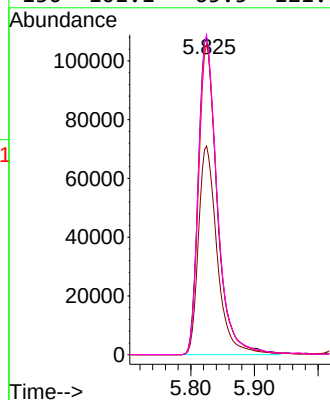
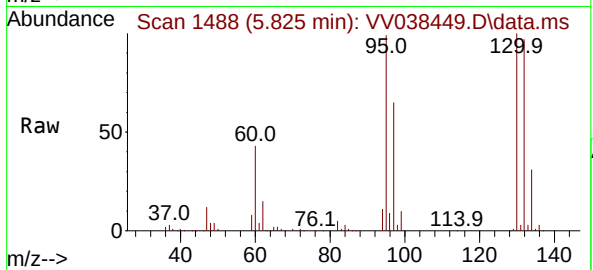
Ion Ratio Lower Upper

95 100

97 65.9 43.4 80.6

132 98.0 65.5 121.6

130 101.1 65.5 121.6



#35

Methylcyclohexane

Concen: 12.190 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

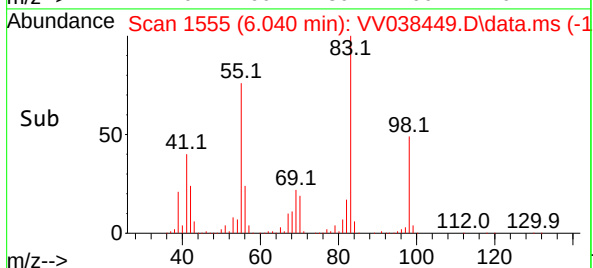
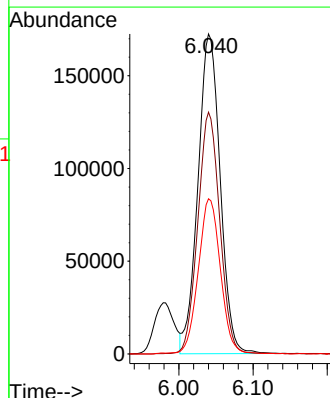
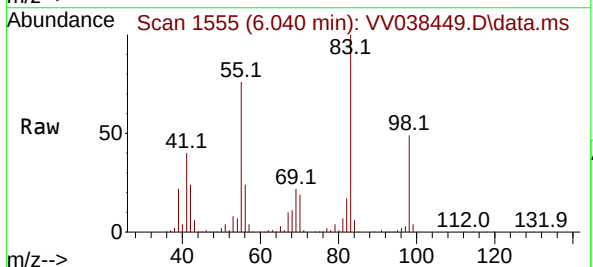
Tgt Ion: 83 Resp: 359086

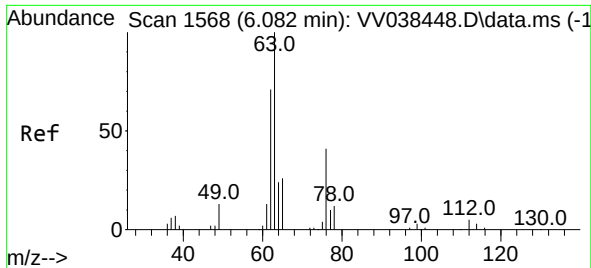
Ion Ratio Lower Upper

83 100

55 74.7 59.4 89.0

98 48.7 37.8 56.8





#37

1,2-Dichloropropane

Concen: 12.291 ug/L

RT: 6.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

Instrument :

MSVOA_V

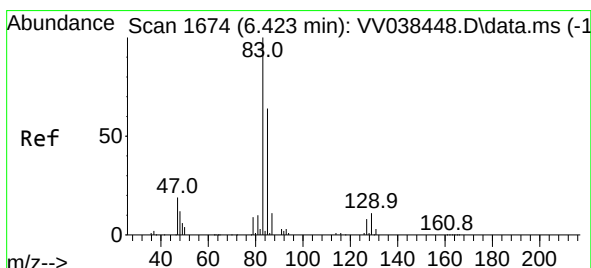
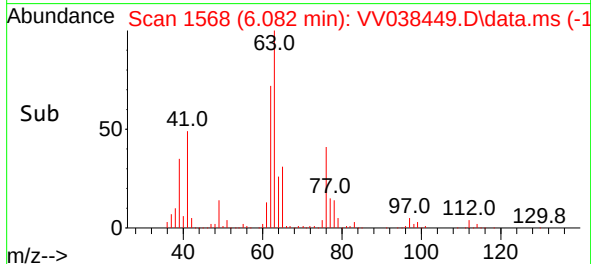
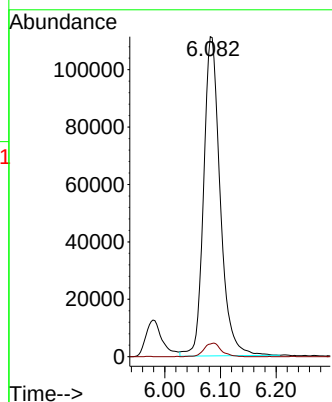
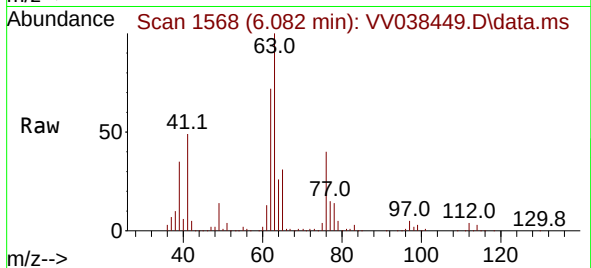
ClientSampleId :

Tgt Ion: 63 Resp: 230011

Ion Ratio Lower Upper

63 100

112 4.5 4.1 6.1



#38

Bromodichloromethane

Concen: 11.298 ug/L

RT: 6.423 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

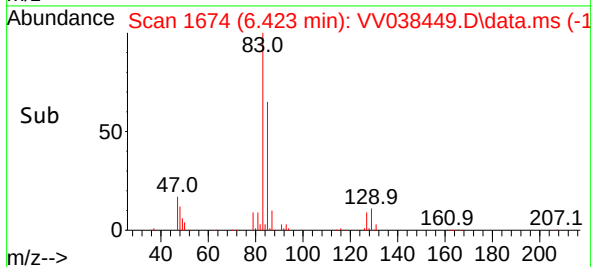
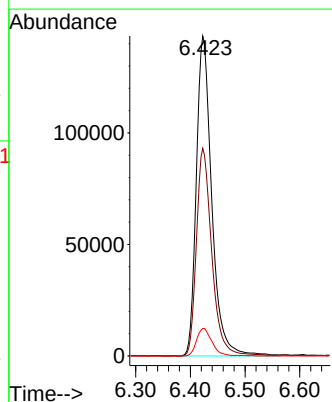
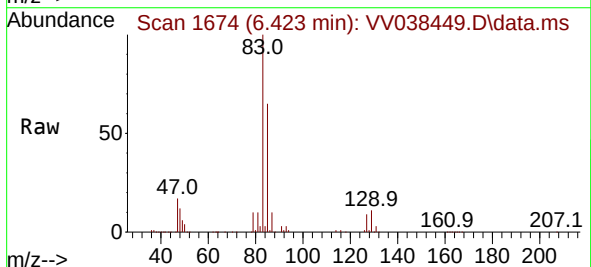
Tgt Ion: 83 Resp: 281536

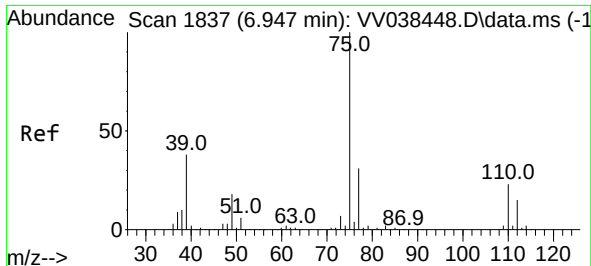
Ion Ratio Lower Upper

83 100

85 64.9 44.7 83.1

127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 12.593 ug/L

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

Instrument :

MSVOA_V

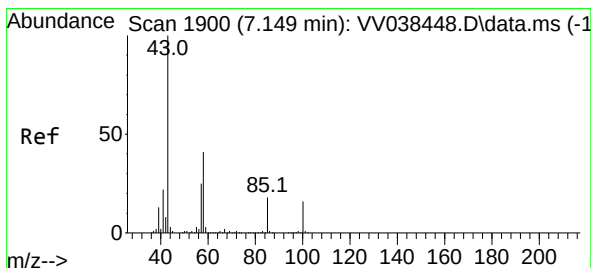
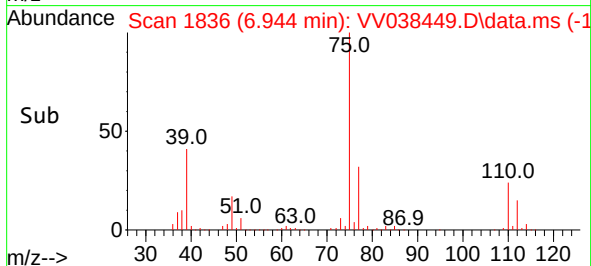
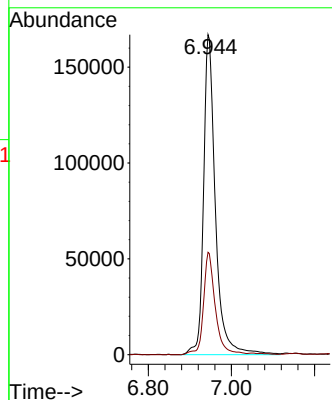
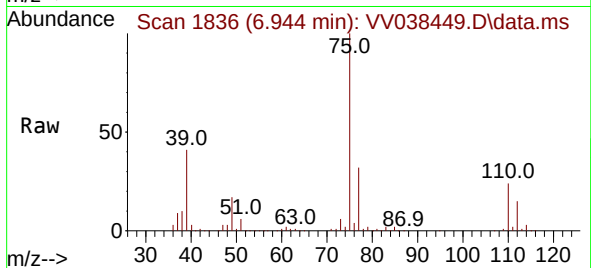
ClientSampleId :

Tgt Ion: 75 Resp: 331374

Ion Ratio Lower Upper

75 100

77 32.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 123.927 ug/L

RT: 7.149 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

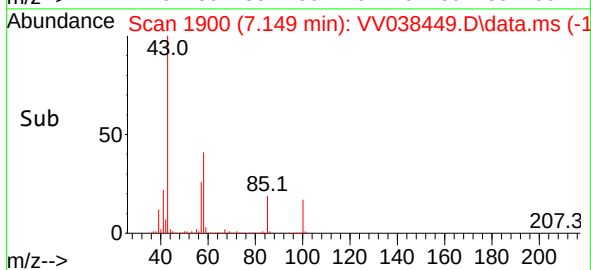
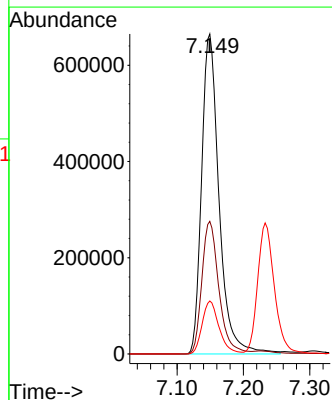
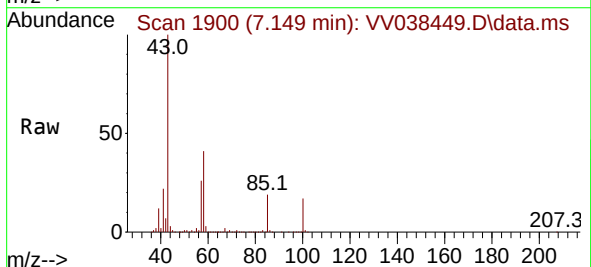
Tgt Ion: 43 Resp: 1214482

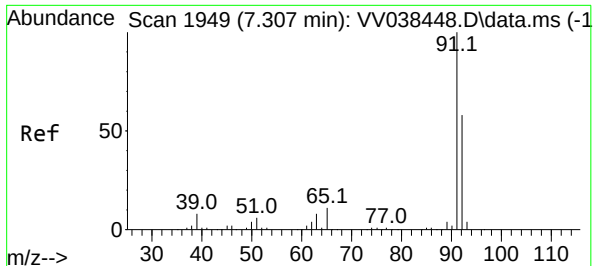
Ion Ratio Lower Upper

43 100

58 40.5 31.7 47.5

100 16.1 12.4 18.6

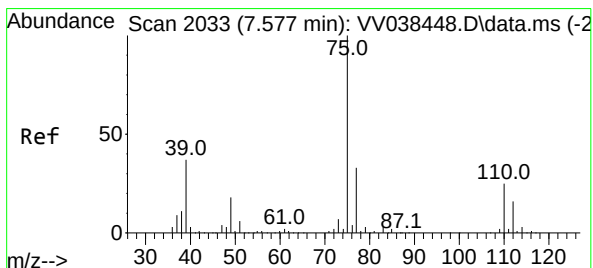
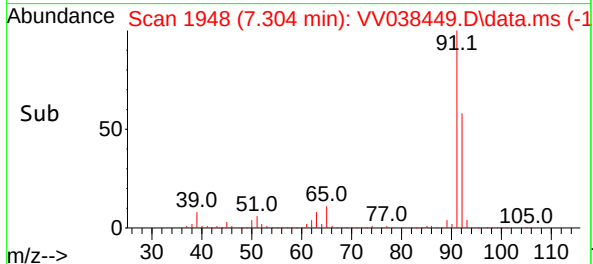
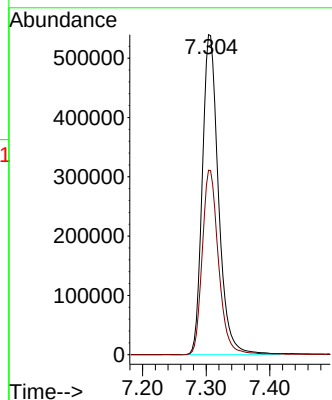
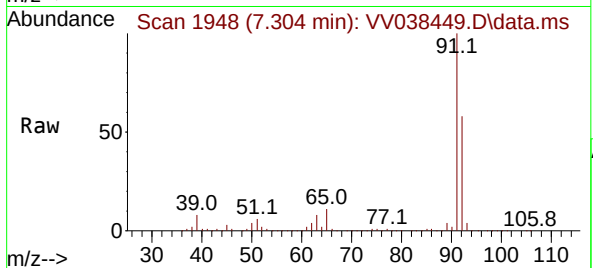




#42
Toluene
Concen: 12.089 ug/L
RT: 7.304 min Scan# 1948
Delta R.T. -0.003 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

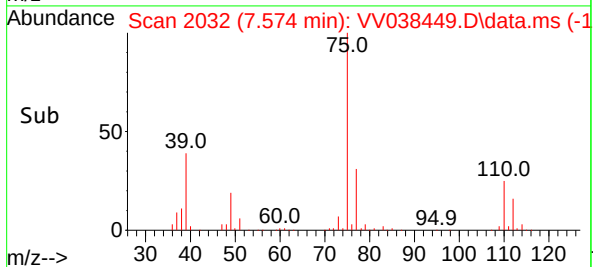
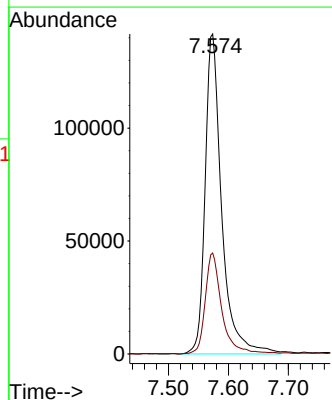
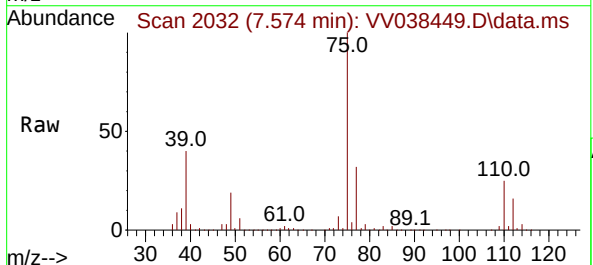
Instrument :
MSVOA_V
ClientSampleId :

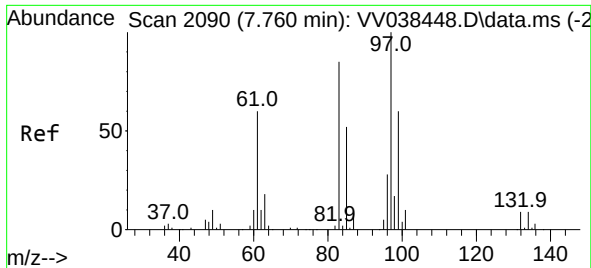
Tgt Ion: 91 Resp: 952811
Ion Ratio Lower Upper
91 100
92 57.7 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 12.316 ug/L
RT: 7.574 min Scan# 2032
Delta R.T. -0.003 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion: 75 Resp: 272266
Ion Ratio Lower Upper
75 100
77 31.5 22.8 42.4



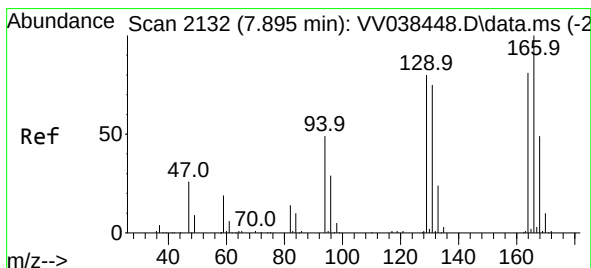
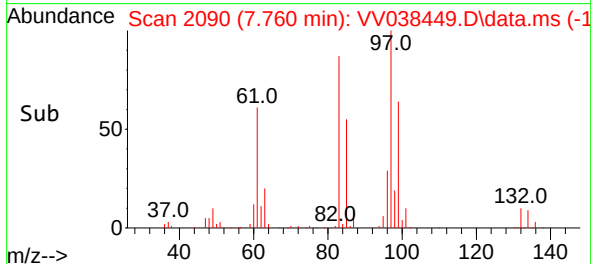
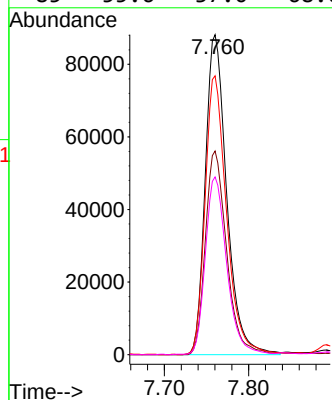
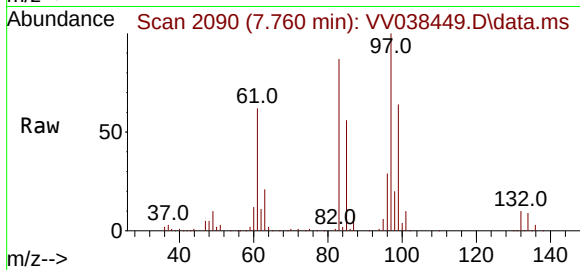


#45
1,1,2-Trichloroethane
Concen: 10.530 ug/L
RT: 7.760 min Scan# 2090
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 156263

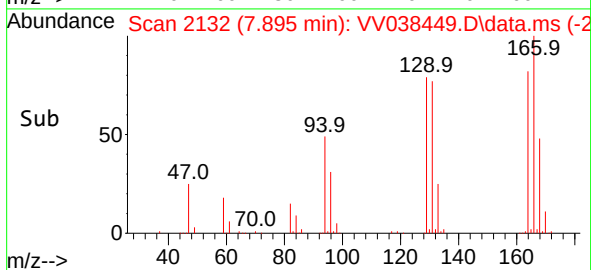
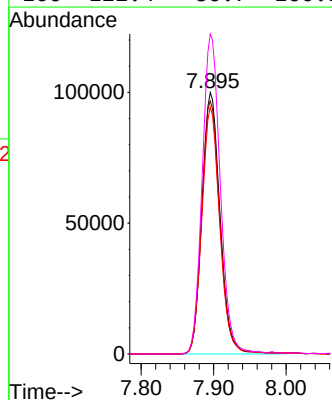
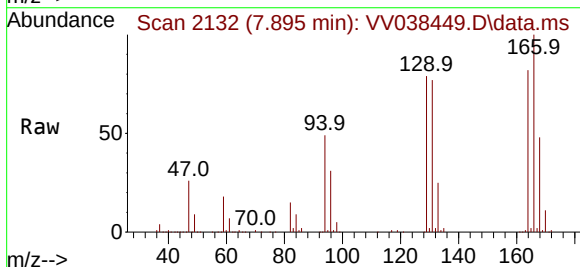
Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.3	78.5
83	87.1	59.4	110.4
85	55.6	37.0	68.6

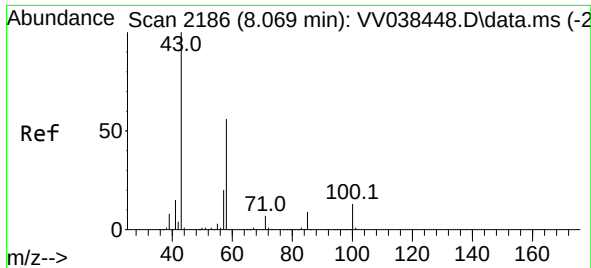


#47
Tetrachloroethene
Concen: 10.708 ug/L
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion: 164 Resp: 172990

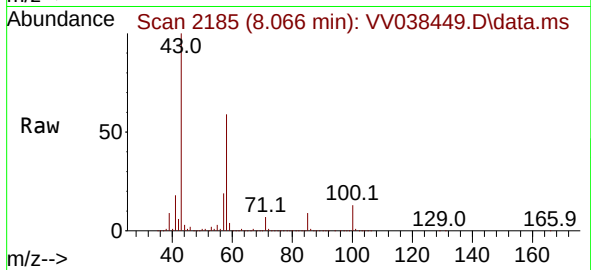
Ion	Ratio	Lower	Upper
164	100		
129	96.8	68.9	127.9
131	94.4	65.2	121.2
166	122.4	86.7	160.9



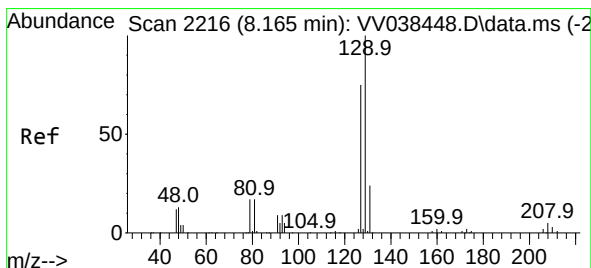
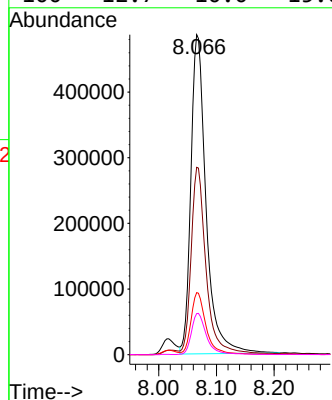
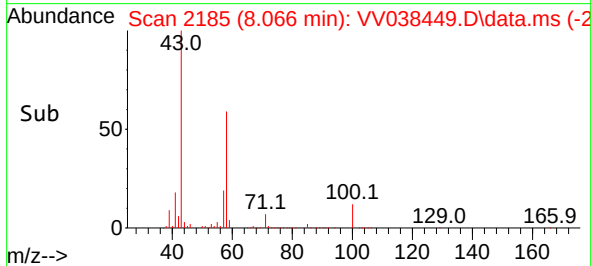


#48
2-Hexanone
Concen: 123.826 ug/L
RT: 8.066 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Instrument :
MSVOA_V
ClientSampleId :

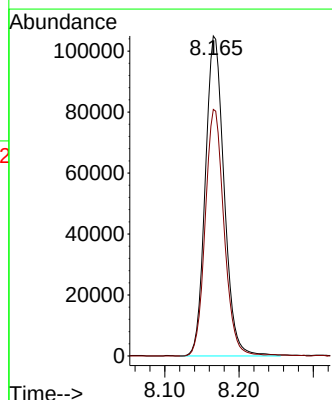
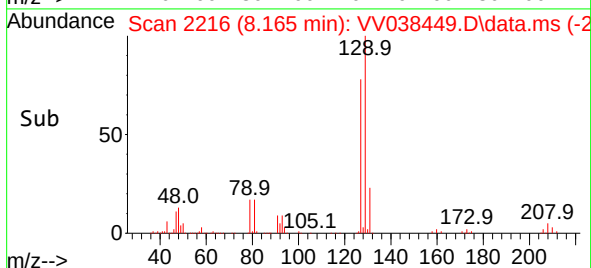
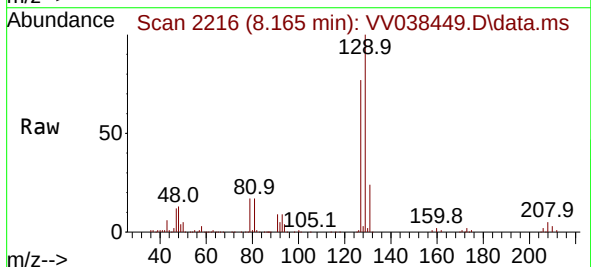


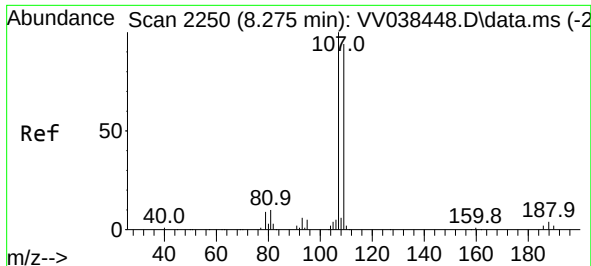
Tgt Ion: 43 Resp: 890426
Ion Ratio Lower Upper
43 100
58 57.5 43.6 65.4
57 19.0 15.0 22.4
100 12.7 10.0 15.0



#49
Dibromochloromethane
Concen: 11.241 ug/L
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion: 129 Resp: 184426
Ion Ratio Lower Upper
129 100
127 77.0 52.8 98.2





#50

1,2-Dibromoethane

Concen: 10.870 ug/L

RT: 8.275 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

Instrument :

MSVOA_V

ClientSampleId :

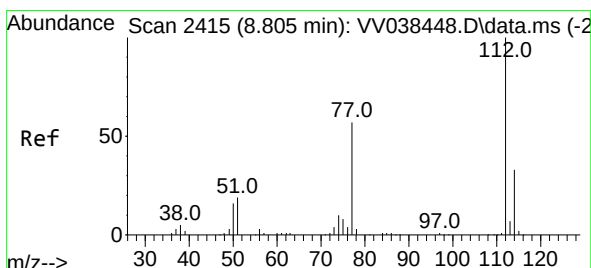
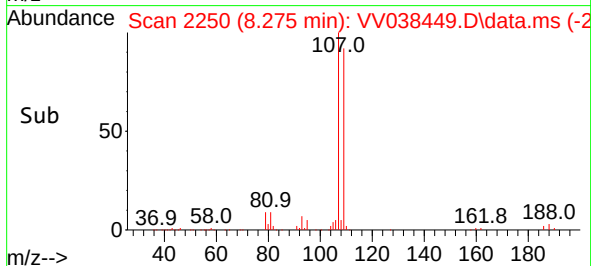
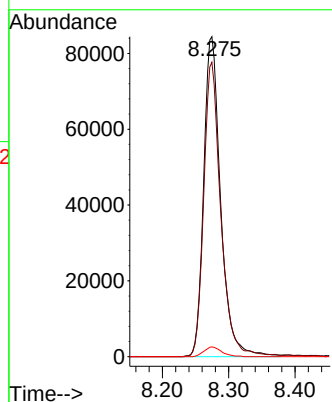
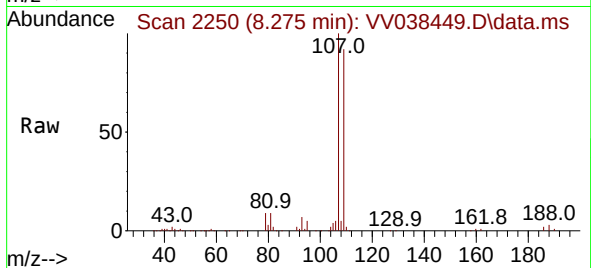
Tgt Ion:107 Resp: 149800

Ion Ratio Lower Upper

107 100

109 92.0 65.9 122.3

188 3.1 2.8 4.2



#51

Chlorobenzene

Concen: 11.263 ug/L

RT: 8.805 min Scan# 2415

Delta R.T. -0.000 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

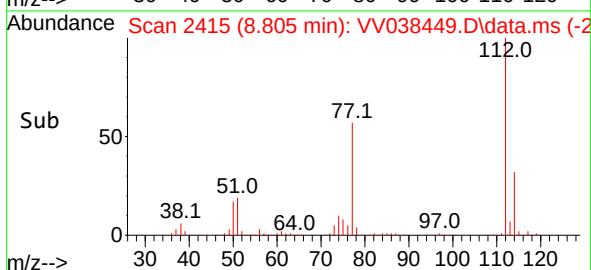
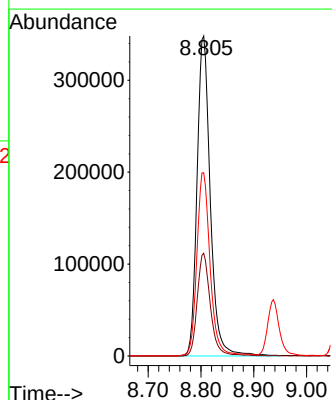
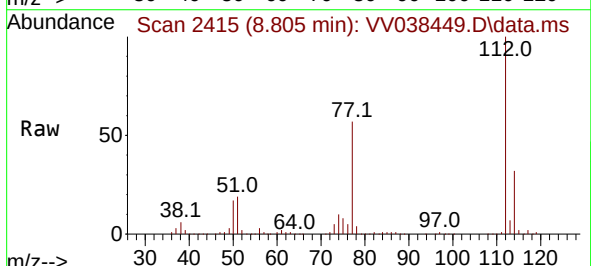
Tgt Ion:112 Resp: 605783

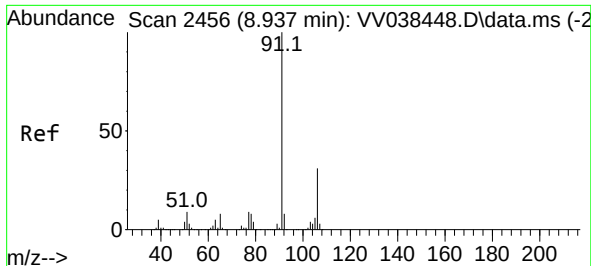
Ion Ratio Lower Upper

112 100

114 32.1 22.9 42.5

77 57.3 46.1 69.1

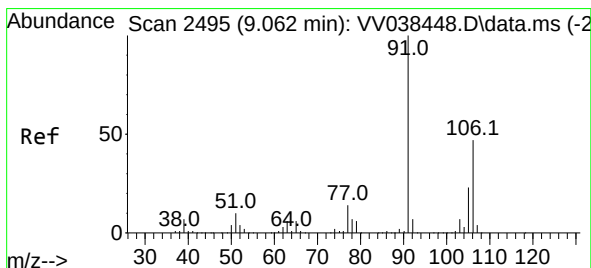
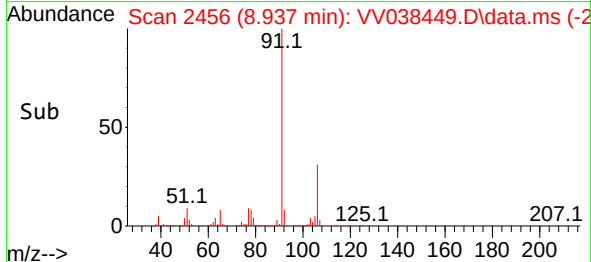
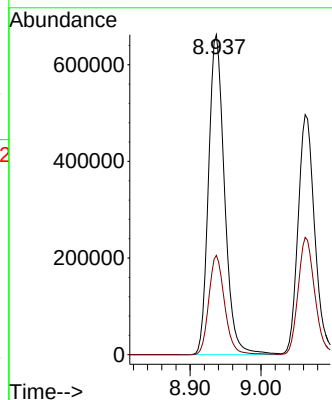
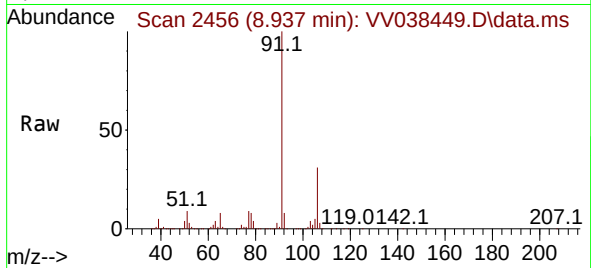




#52
Ethylbenzene
Concen: 12.348 ug/L
RT: 8.937 min Scan# 2456
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

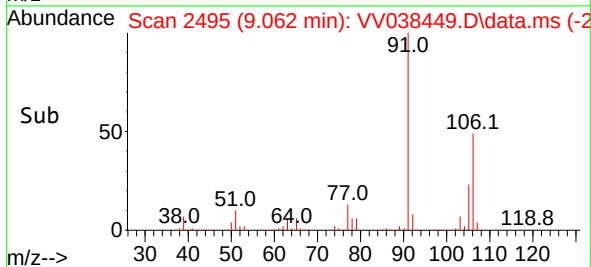
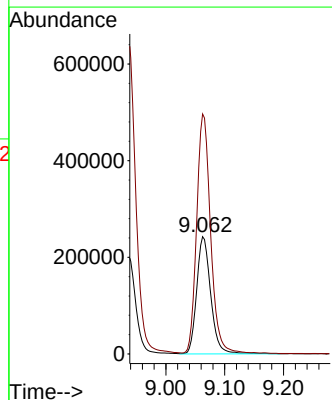
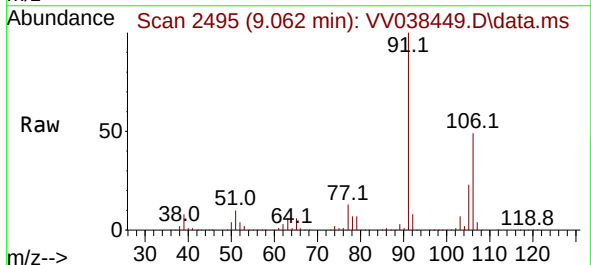
Instrument :
MSVOA_V
ClientSampleId :

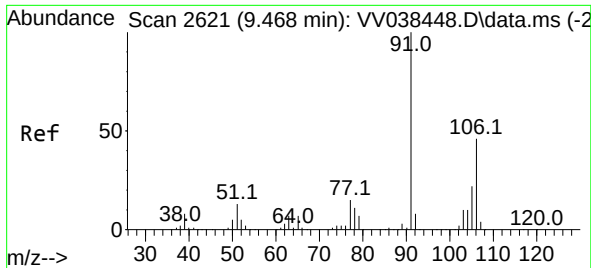
Tgt Ion: 91 Resp: 1037616
Ion Ratio Lower Upper
91 100
106 31.0 22.0 40.8



#53
m,p-Xylene
Concen: 12.700 ug/L
RT: 9.062 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion: 106 Resp: 400463
Ion Ratio Lower Upper
106 100
91 204.8 148.2 275.2

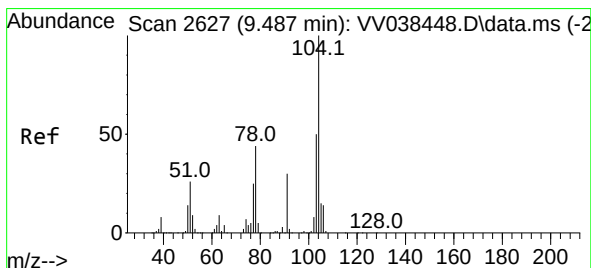
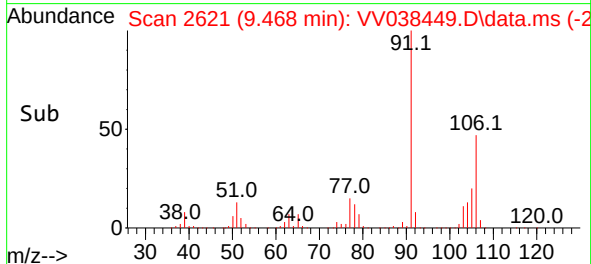
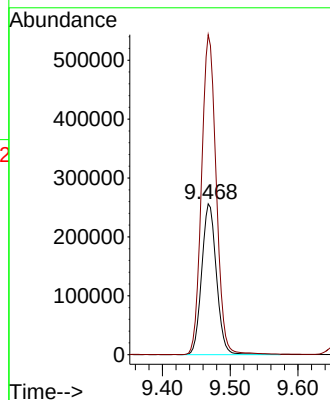
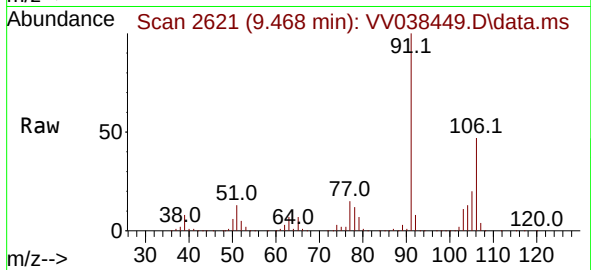




#54
o-Xylene
Concen: 12.517 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

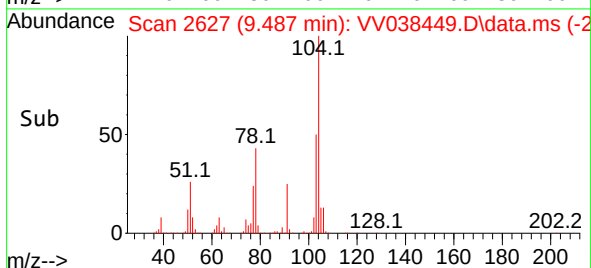
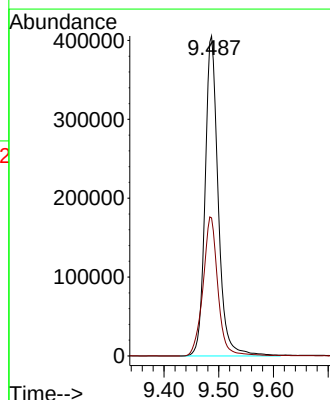
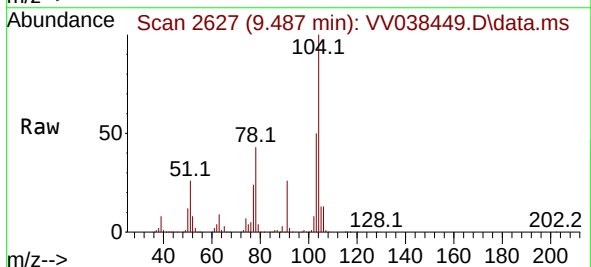
Instrument :
MSVOA_V
ClientSampleId :

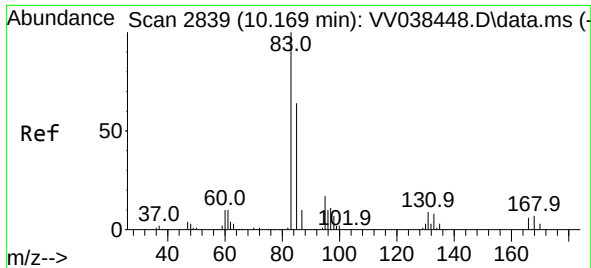
Tgt Ion:106 Resp: 385202
Ion Ratio Lower Upper
106 100
91 212.0 151.4 281.2



#55
Styrene
Concen: 12.574 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion:104 Resp: 676066
Ion Ratio Lower Upper
104 100
78 43.1 30.8 57.2

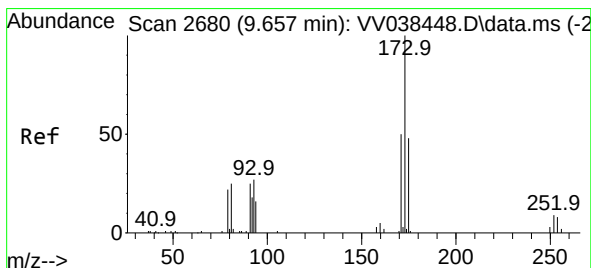
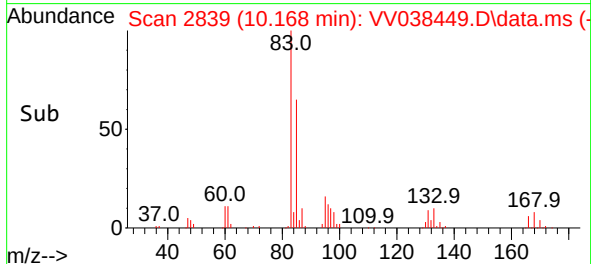
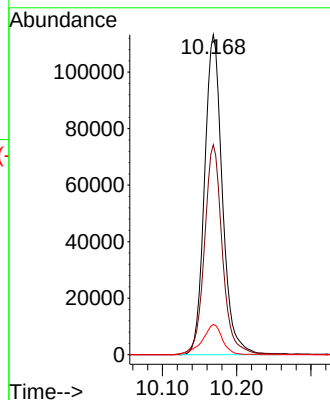
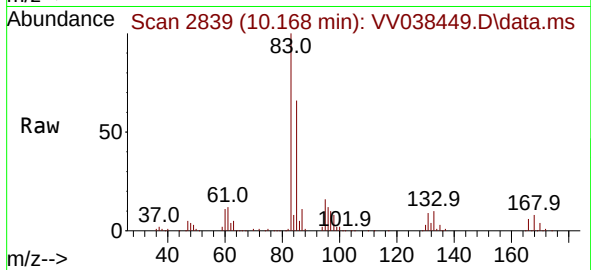




#57
1,1,2,2-Tetrachloroethane
Concen: 10.872 ug/L
RT: 10.168 min Scan# 2839
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

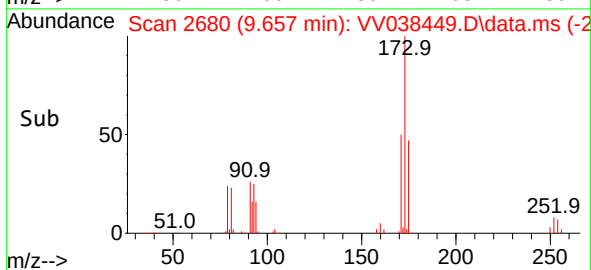
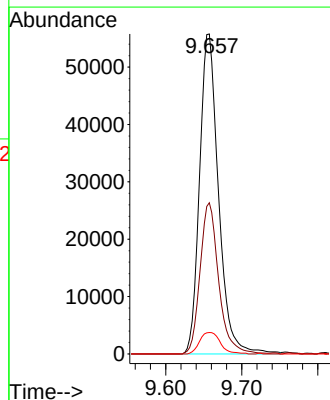
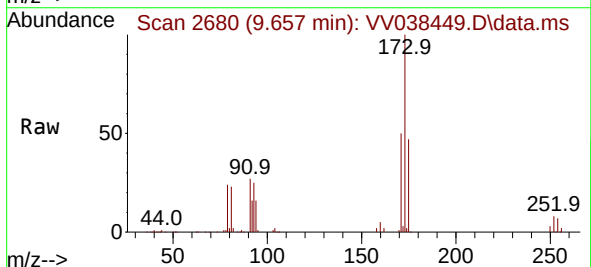
Instrument :
MSVOA_V
ClientSampleId :

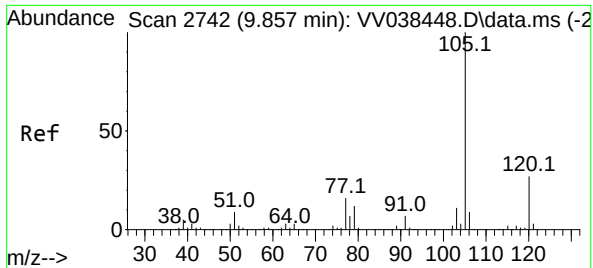
Tgt Ion: 83 Resp: 188597
Ion Ratio Lower Upper
83 100
85 65.6 45.1 83.7
131 9.5 7.5 11.3



#59
Bromoform
Concen: 11.436 ug/L
RT: 9.657 min Scan# 2680
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion: 173 Resp: 96561
Ion Ratio Lower Upper
173 100
175 46.3 37.6 56.4
254 7.4 5.6 8.4

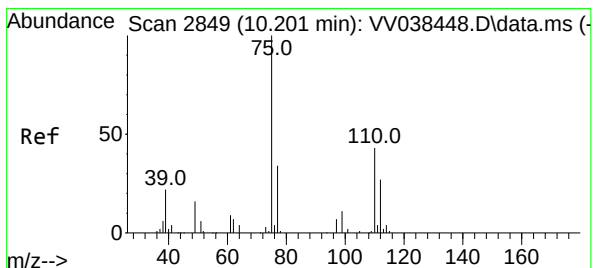
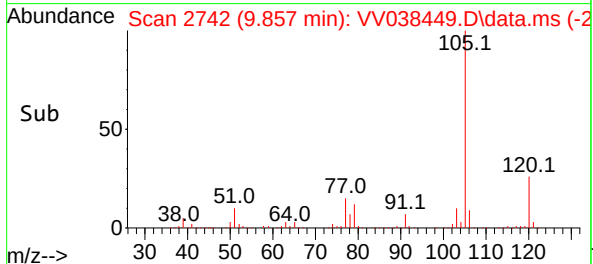
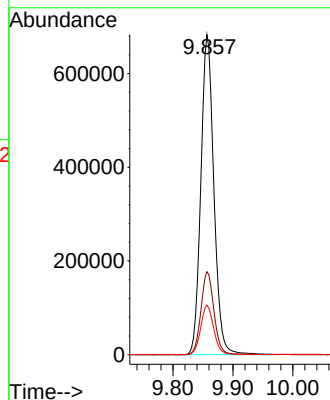
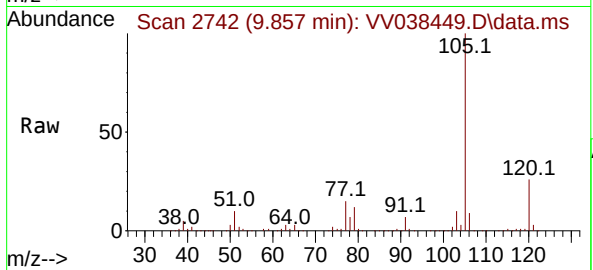




#60
Isopropylbenzene
Concen: 12.394 ug/L
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

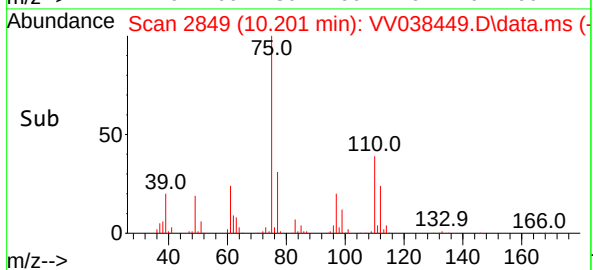
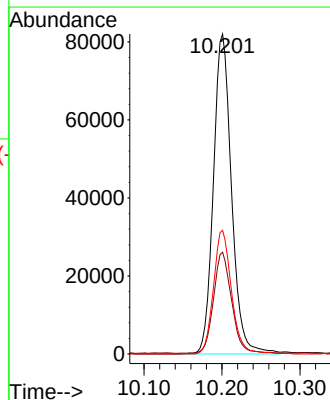
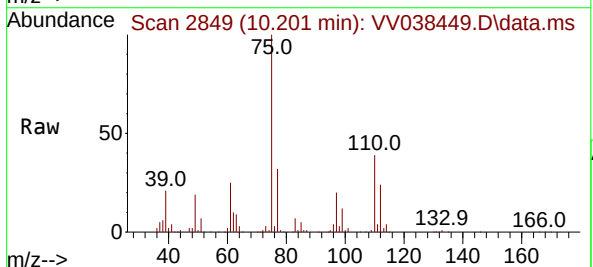
Instrument :
MSVOA_V
ClientSampleId :

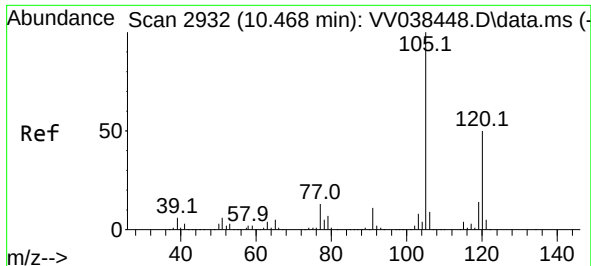
Tgt Ion:105 Resp: 1035245
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.2
77 15.4 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 10.962 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion: 75 Resp: 132857
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
110 38.5 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 12.553 ug/L

RT: 10.467 min Scan# 2932

Delta R.T. -0.000 min

Lab File: VV038449.D

Acq: 17 Jan 2025 12:06

Instrument :

MSVOA_V

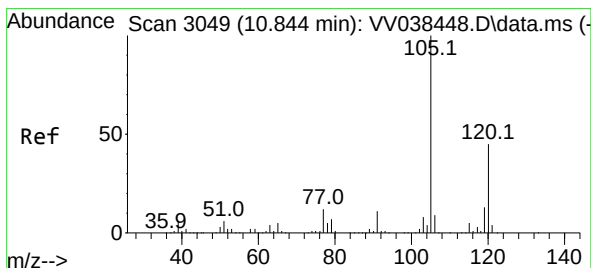
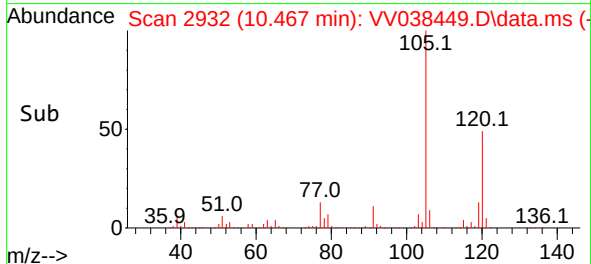
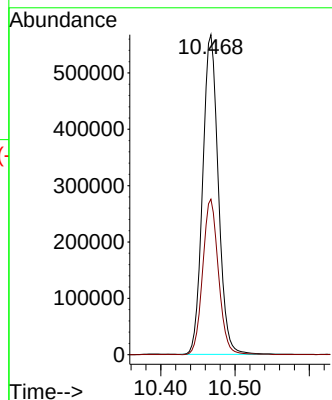
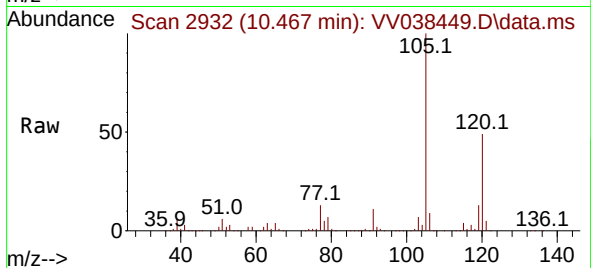
ClientSampleId :

Tgt Ion:105 Resp: 829922

Ion Ratio Lower Upper

105 100

120 48.9 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 12.689 ug/L

RT: 10.840 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VV038449.D

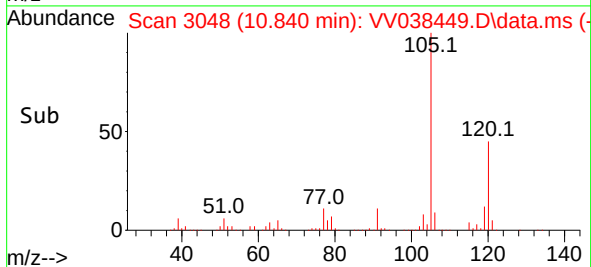
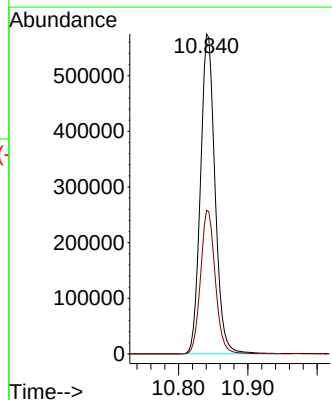
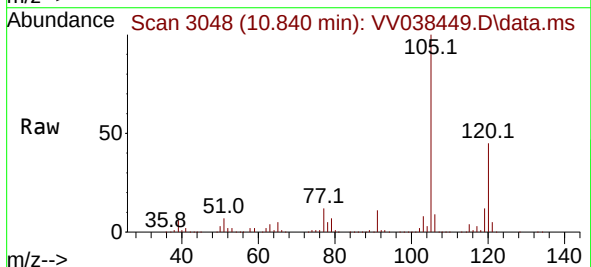
Acq: 17 Jan 2025 12:06

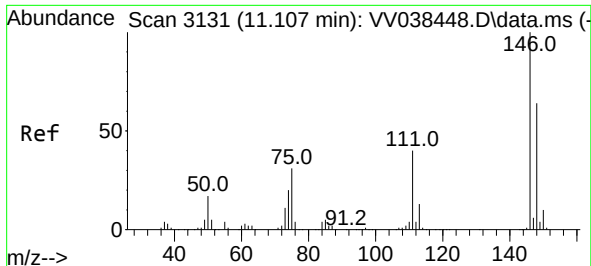
Tgt Ion:105 Resp: 841171

Ion Ratio Lower Upper

105 100

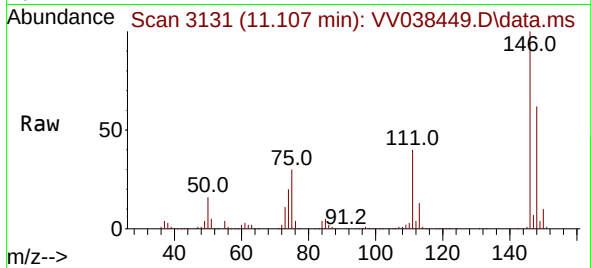
120 45.3 35.8 53.8



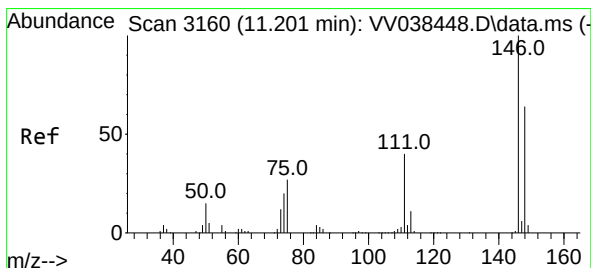
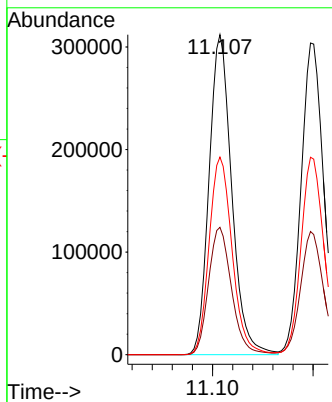
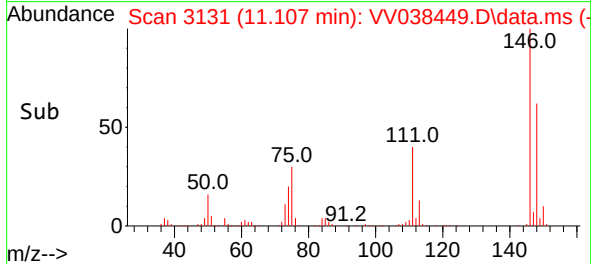


#64
1,3-Dichlorobenzene
Concen: 11.046 ug/L
RT: 11.107 min Scan# 3131
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

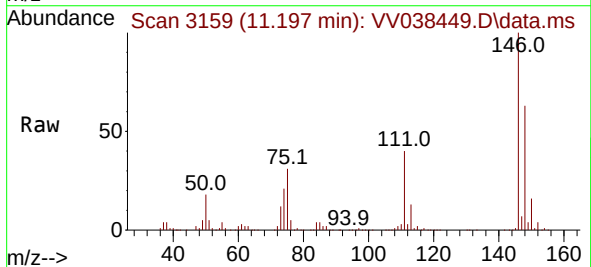
Instrument :
MSVOA_V
ClientSampleId :



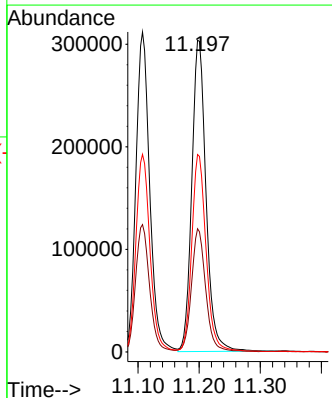
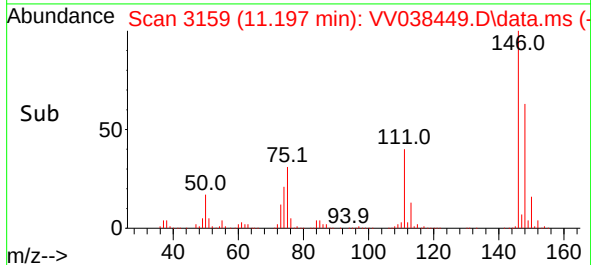
Tgt Ion:146 Resp: 487747
Ion Ratio Lower Upper
146 100
111 39.8 27.9 51.9
148 61.7 44.7 83.1

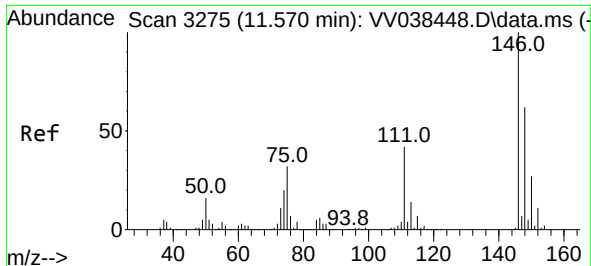


#65
1,4-Dichlorobenzene
Concen: 10.998 ug/L
RT: 11.197 min Scan# 3159
Delta R.T. -0.003 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06



Tgt Ion:146 Resp: 491419
Ion Ratio Lower Upper
146 100
111 39.5 28.1 52.3
148 63.3 44.7 83.1

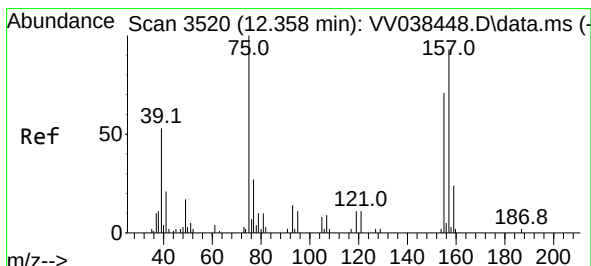
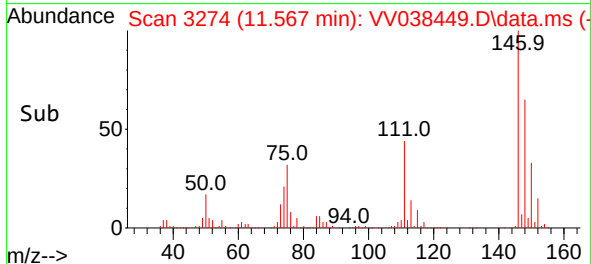
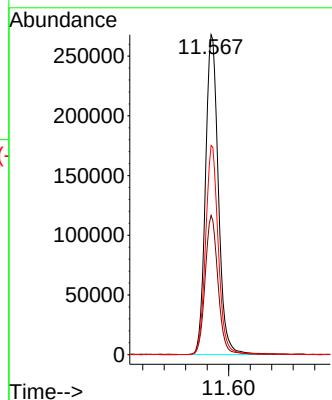
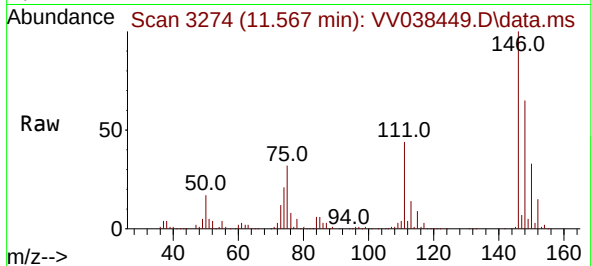




#67
1,2-Dichlorobenzene
Concen: 10.920 ug/L
RT: 11.567 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

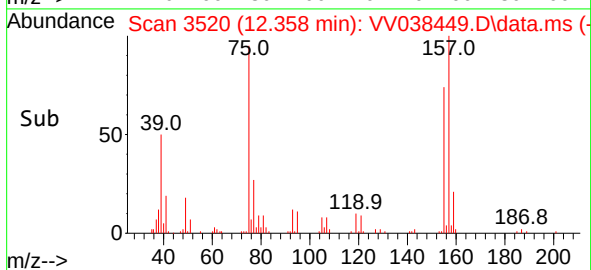
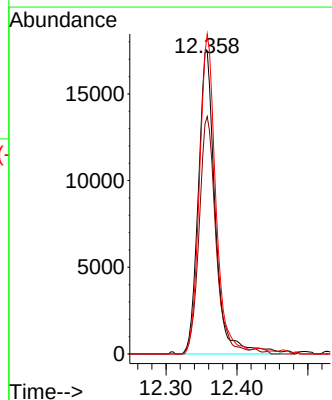
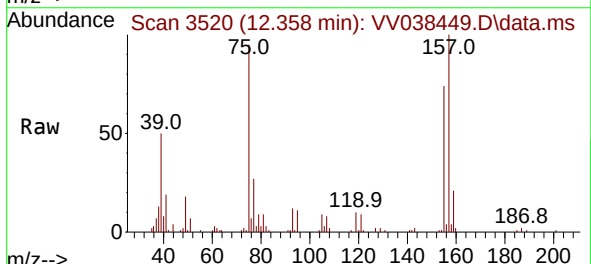
Instrument :
MSVOA_V
ClientSampleId :

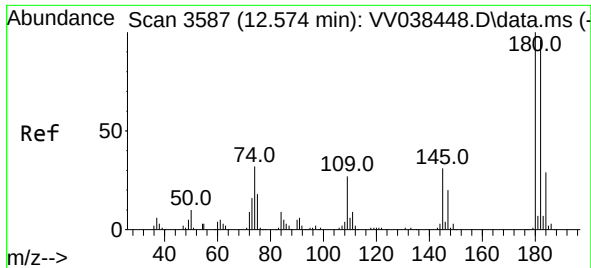
Tgt Ion:146 Resp: 444828
Ion Ratio Lower Upper
146 100
111 43.5 33.4 50.0
148 65.4 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 10.633 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

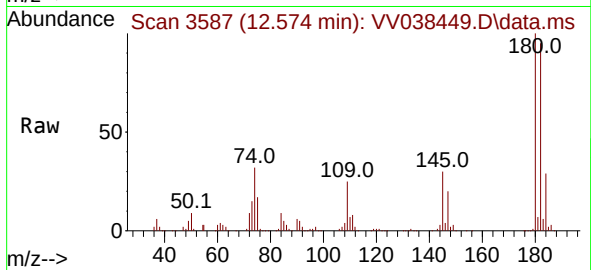
Tgt Ion: 75 Resp: 28995
Ion Ratio Lower Upper
75 100
155 78.4 56.7 85.1
157 105.7 74.4 111.6



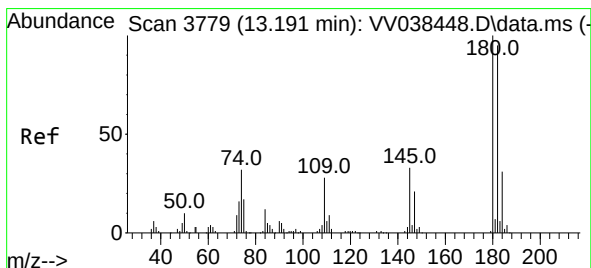
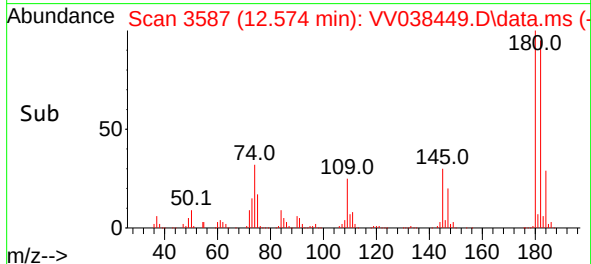
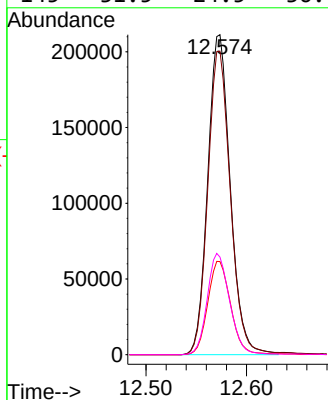


#69
 1,3,5-Trichlorobenzene
 Concen: 10.521 ug/L
 RT: 12.574 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV038449.D
 Acq: 17 Jan 2025 12:06

Instrument :
 MSVOA_V
 ClientSampleId :

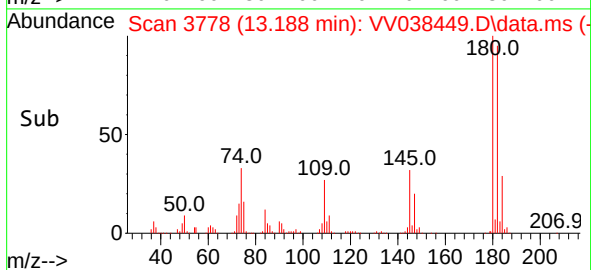
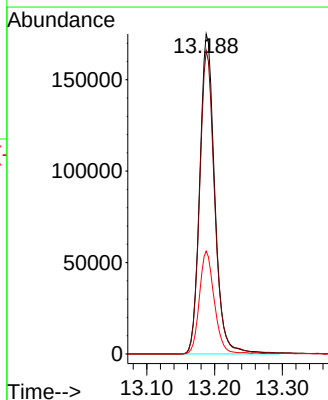
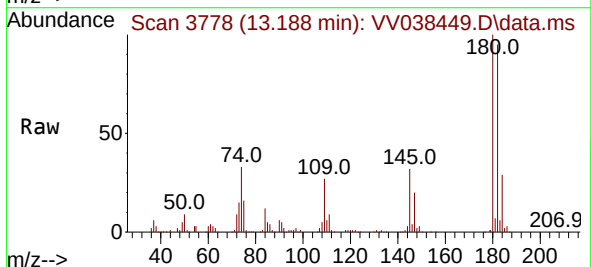


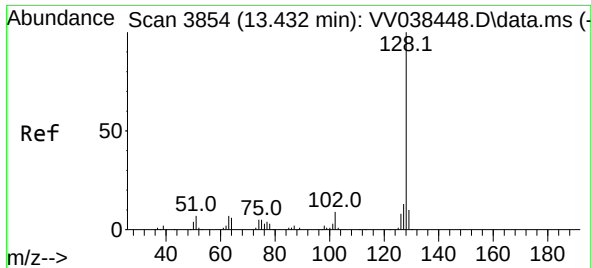
Tgt Ion:180 Resp: 329038
 Ion Ratio Lower Upper
 180 100
 182 95.8 74.3 111.5
 184 29.8 23.2 34.8
 145 31.5 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 10.658 ug/L
 RT: 13.188 min Scan# 3778
 Delta R.T. -0.003 min
 Lab File: VV038449.D
 Acq: 17 Jan 2025 12:06

Tgt Ion:180 Resp: 268117
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.5 116.3
 145 31.9 26.2 39.4

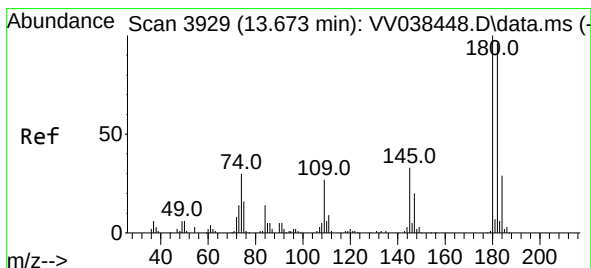
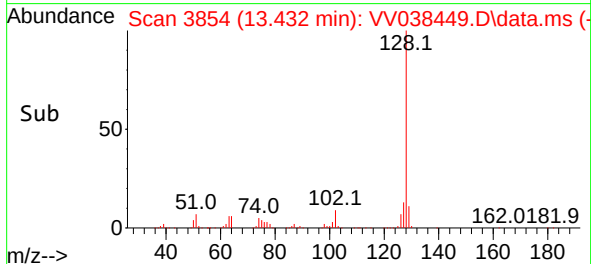
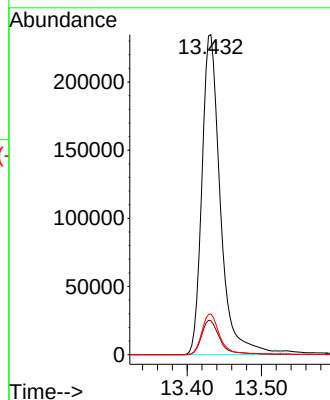
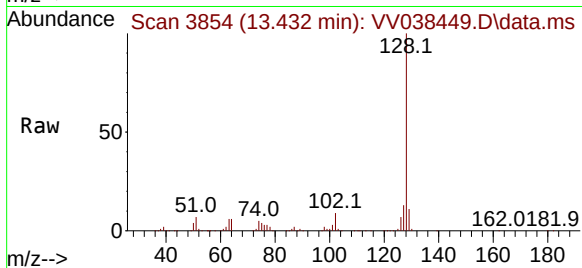




#71
Naphthalene
Concen: 10.508 ug/L
RT: 13.432 min Scan# 3854
Delta R.T. -0.000 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 405939
Ion Ratio Lower Upper
128 100
129 10.8 8.3 12.5
127 12.6 11.0 16.6



#72
1,2,3-Trichlorobenzene
Concen: 10.462 ug/L
RT: 13.670 min Scan# 3928
Delta R.T. -0.003 min
Lab File: VV038449.D
Acq: 17 Jan 2025 12:06

Tgt Ion:180 Resp: 241144
Ion Ratio Lower Upper
180 100
182 95.4 77.0 115.6
145 34.3 27.1 40.7

