

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW012125\
 Data File : VW038474.D
 Acq On : 21 Jan 2025 10:34
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 22 02:48:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 21 00:50:24 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	187555	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	197059	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.175	152	106021	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	65337	4.224	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.532	69	57006	4.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.056	65	29146	4.182	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	3.799	46	182235	56.020	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.040%
24) Chloroform-d	4.236	84	131004	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.934	65	66125	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	4.950	84	240513	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	5.979	67	73787	4.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.233	98	217553	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.548	79	28713	4.758	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.018	63	124565	52.321	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.640%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	71447	5.463	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.551	152	78838	4.393	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	110981	5.283	ug/L	99
3) Chloromethane	1.214	50	109396	5.089	ug/L	99
5) Vinyl chloride	1.282	62	112515	5.181	ug/L	97
6) Bromomethane	1.487	94	57362	5.280	ug/L	93
8) Chloroethane	1.548	64	67895	5.218	ug/L	99
9) Trichlorofluoromethane	1.709	101	144027	5.211	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	86427	5.470	ug/L	100
12) 1,1-Dichloroethene	2.066	96	76790	4.938	ug/L	95
13) Acetone	2.134	43	147808	58.396	ug/L	100
14) Carbon disulfide	2.236	76	261751	5.010	ug/L	99
15) Methyl Acetate	2.381	43	38332	5.928	ug/L	99
16) Methylene chloride	2.439	84	87483	5.075	ug/L	97
17) Methyl tert-butyl Ether	2.693	73	180579	5.518	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	80103	5.010	ug/L	99
19) 1,1-Dichloroethane	3.101	63	152572	5.014	ug/L	99
21) 2-Butanone	3.876	43	220597	61.440	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	82550	5.078	ug/L	99
23) Bromochloromethane	4.140	128	41066	5.552	ug/L	97
25) Chloroform	4.262	83	154079	5.122	ug/L	100

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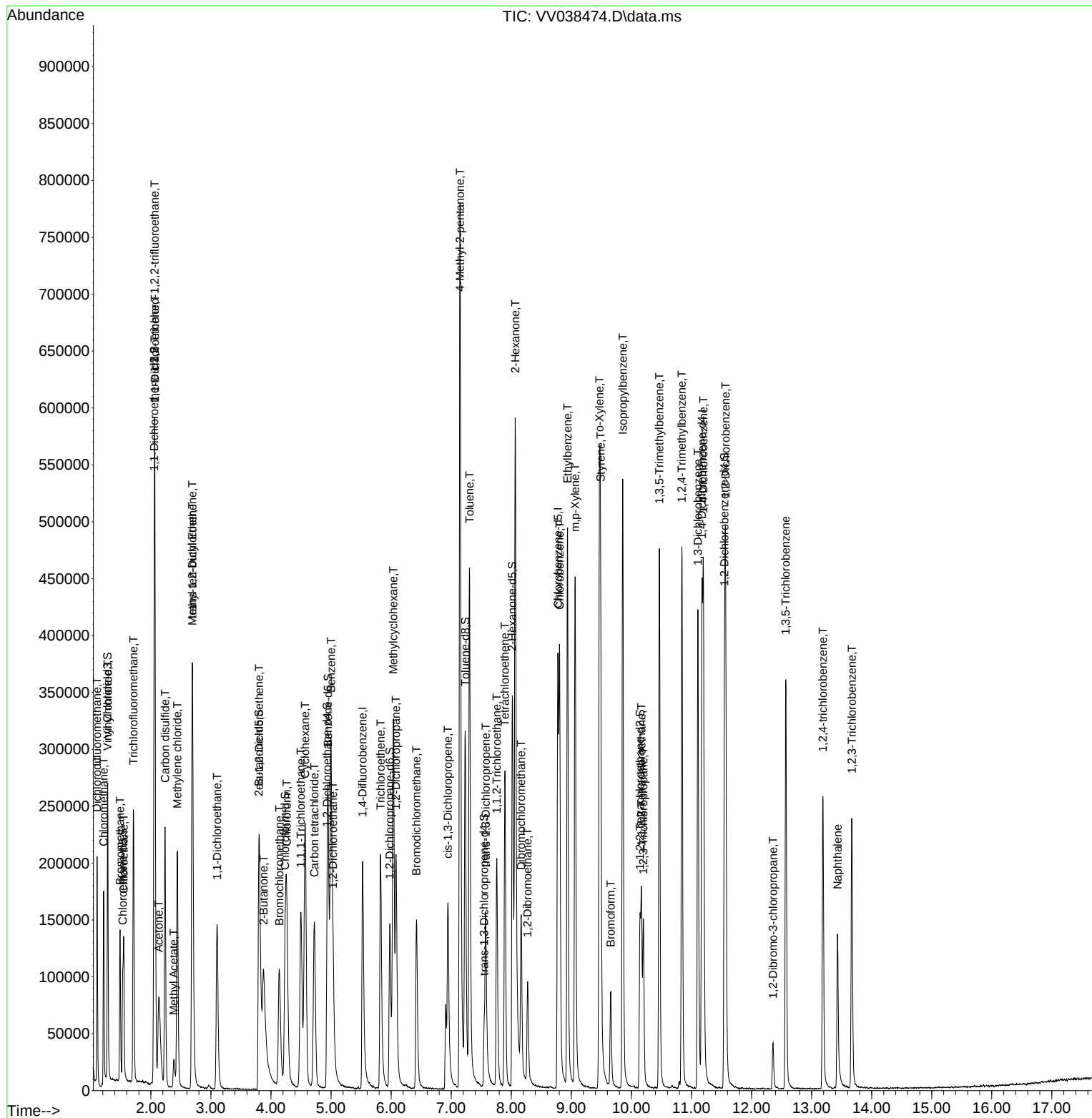
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 ClientSampleId :

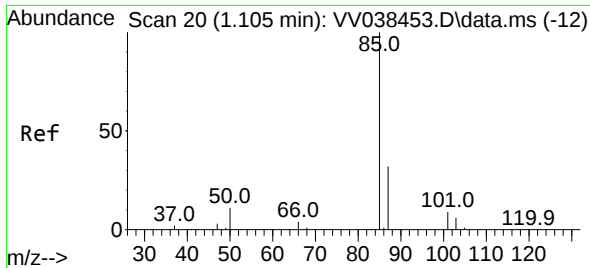
Quant Time: Jan 22 02:48:55 2025
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	98684	5.899	ug/L	99
29) 1,1,1-Trichloroethane	4.497	97	130889	4.996	ug/L	99
30) Cyclohexane	4.568	56	123761	5.187	ug/L	98
31) Carbon tetrachloride	4.722	117	116002	5.009	ug/L	99
33) Benzene	4.998	78	323660	5.172	ug/L	100
34) Trichloroethene	5.825	95	81131	4.989	ug/L	94
35) Methylcyclohexane	6.037	83	129870	5.239	ug/L	96
37) 1,2-Dichloropropane	6.082	63	85368	5.283	ug/L	97
38) Bromodichloromethane	6.423	83	108929	5.197	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	115596	5.189	ug/L	99
40) 4-Methyl-2-pentanone	7.146	43	560728	67.063	ug/L	99
42) Toluene	7.304	91	348187	5.339	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	101796	5.393	ug/L	99
45) 1,1,2-Trichloroethane	7.760	97	66147	5.691	ug/L	95
47) Tetrachloroethene	7.895	164	62201	4.942	ug/L	97
48) 2-Hexanone	8.066	43	407961	67.388	ug/L	98
49) Dibromochloromethane	8.166	129	73237	5.473	ug/L	96
50) 1,2-Dibromoethane	8.272	107	63000	5.825	ug/L	100
51) Chlorobenzene	8.805	112	218501	4.979	ug/L	99
52) Ethylbenzene	8.937	91	349224	4.978	ug/L	99
53) m,p-Xylene	9.063	106	130332	4.901	ug/L	95
54) o-Xylene	9.468	106	124538	4.915	ug/L	98
55) Styrene	9.487	104	228366	5.168	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.169	83	86530	6.113	ug/L	100
59) Bromoform	9.657	173	39510	5.344	ug/L	99
60) Isopropylbenzene	9.857	105	343347	4.813	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	61640	6.051	ug/L	97
62) 1,3,5-Trimethylbenzene	10.464	105	253149	4.531	ug/L	99
63) 1,2,4-Trimethylbenzene	10.841	105	259534	4.651	ug/L	98
64) 1,3-Dichlorobenzene	11.108	146	172034	4.861	ug/L	99
65) 1,4-Dichlorobenzene	11.198	146	178991	4.892	ug/L	98
67) 1,2-Dichlorobenzene	11.567	146	163689	4.939	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	11002	5.226	ug/L	100
69) 1,3,5-Trichlorobenzene	12.570	180	108669	4.464	ug/L	97
70) 1,2,4-trichlorobenzene	13.188	180	81524	4.506	ug/L	96
71) Naphthalene	13.432	128	120558	4.498	ug/L	98
72) 1,2,3-Trichlorobenzene	13.670	180	72000	4.603	ug/L	99

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

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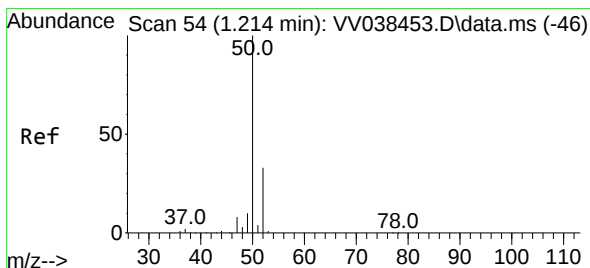
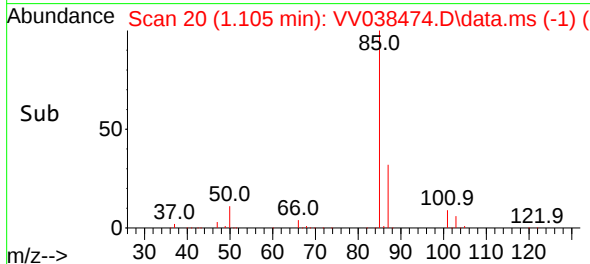
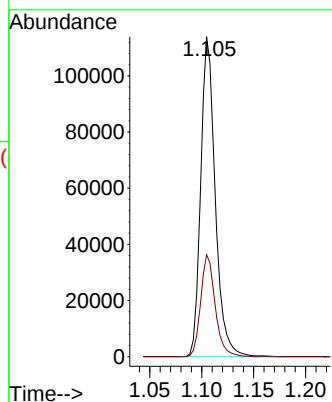
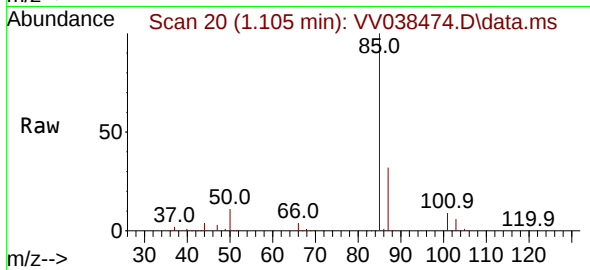




#2
 Dichlorodifluoromethane
 Concen: 5.283 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038474.D
 Acq: 21 Jan 2025 10:34

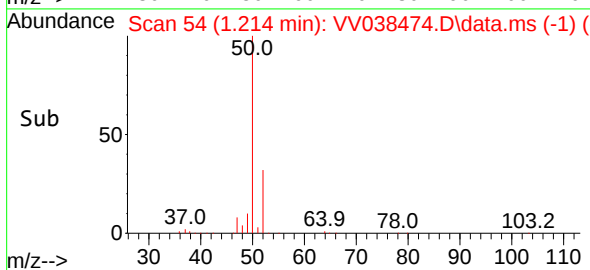
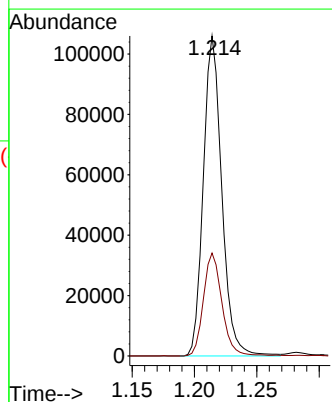
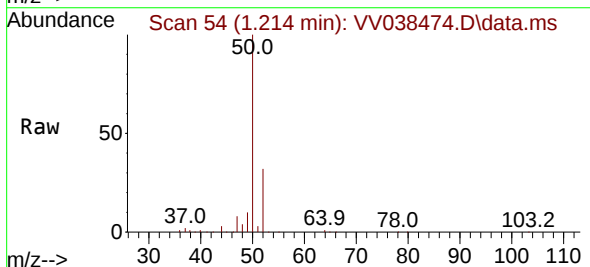
Instrument :
 MSVOA_V
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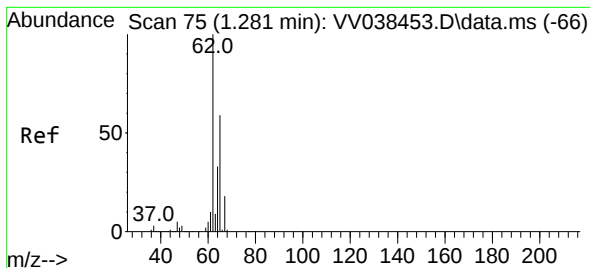
Tgt Ion: 85 Resp: 110981
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 5.089 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038474.D
 Acq: 21 Jan 2025 10:34

Tgt Ion: 50 Resp: 109396
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.6





#5

Vinyl chloride

Concen: 5.181 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Instrument :

MSVOA_V

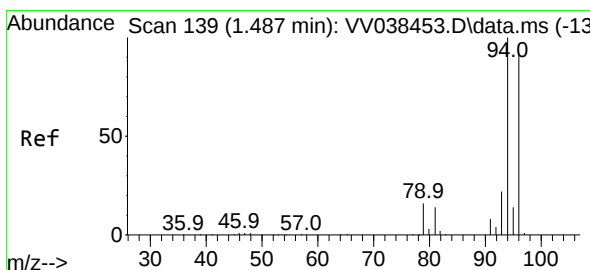
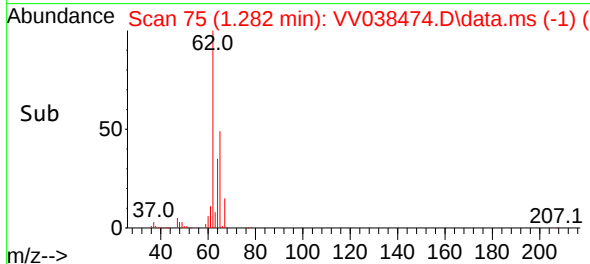
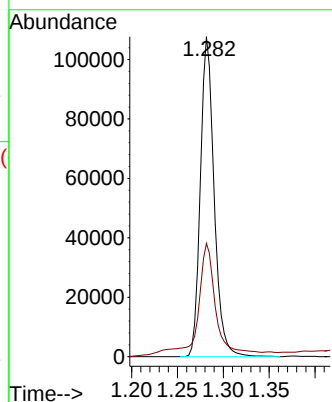
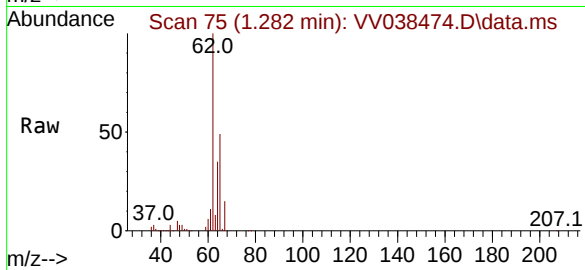
ClientSampleId :

Tgt Ion: 62 Resp: 112515

Ion Ratio Lower Upper

62 100

64 35.4 23.5 43.7



#6

Bromomethane

Concen: 5.280 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV038474.D

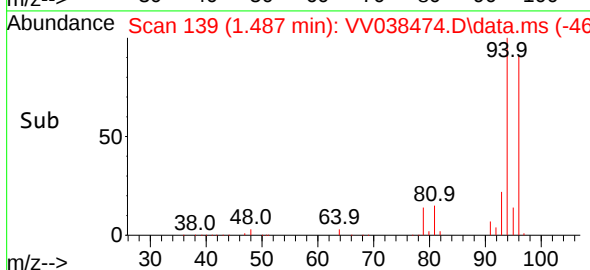
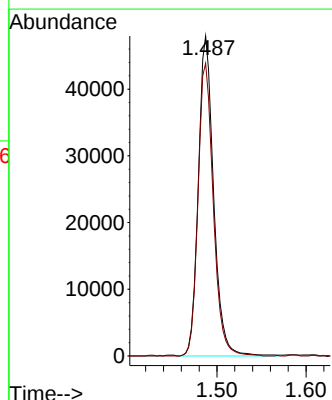
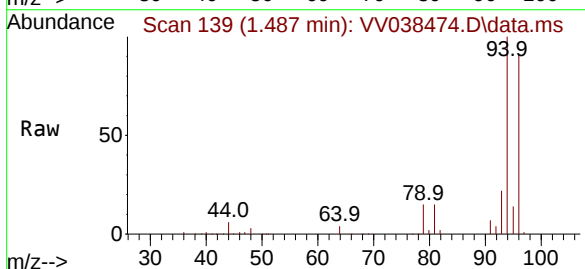
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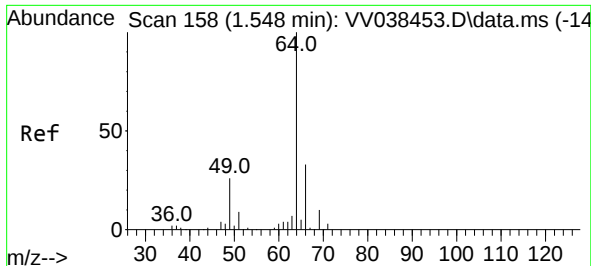
Tgt Ion: 94 Resp: 57362

Ion Ratio Lower Upper

94 100

96 91.4 68.9 127.9

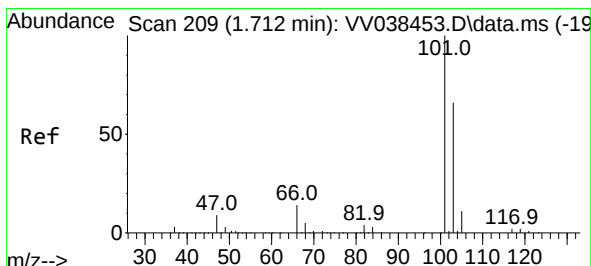
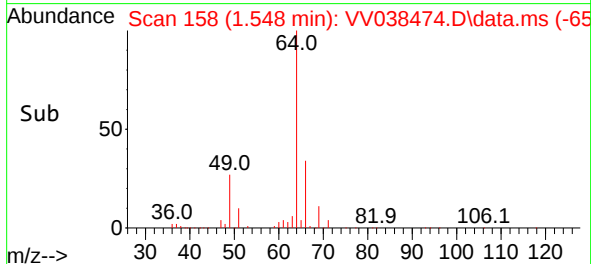
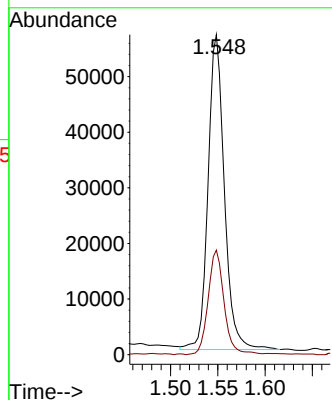
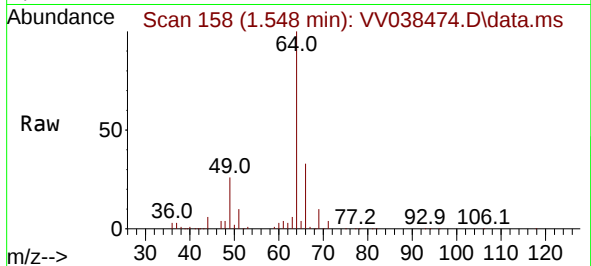




#8
Chloroethane
Concen: 5.218 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

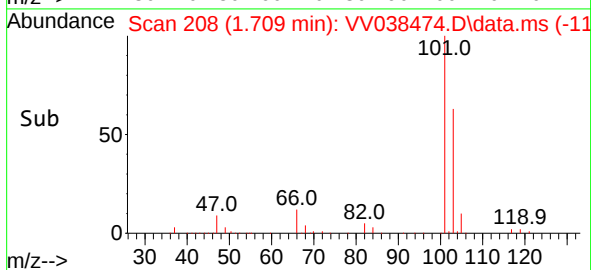
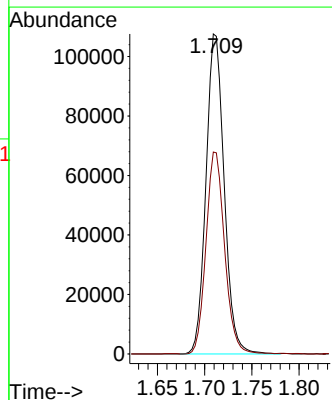
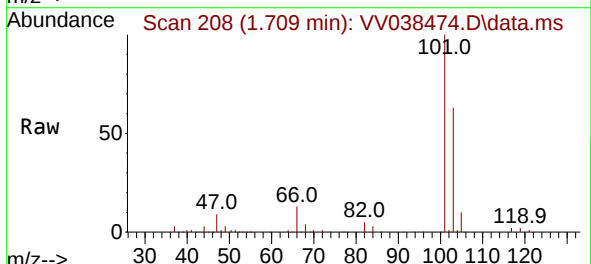
Instrument :
MSVOA_V
ClientSampleId :

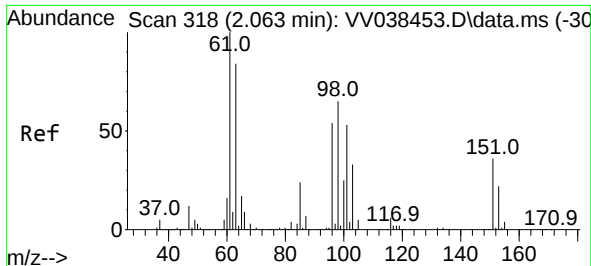
Tgt Ion: 64 Resp: 67895
Ion Ratio Lower Upper
64 100
66 32.7 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.211 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

Tgt Ion:101 Resp: 144027
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

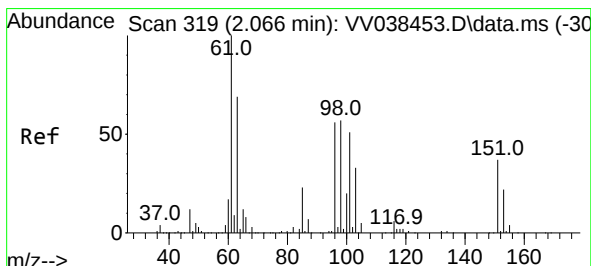
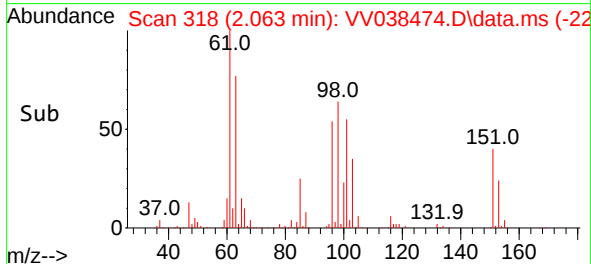
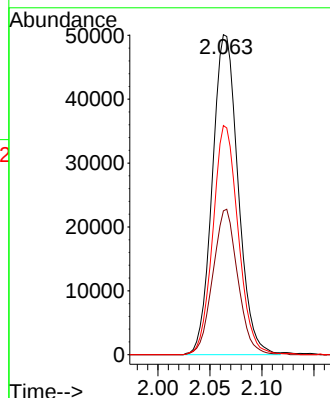
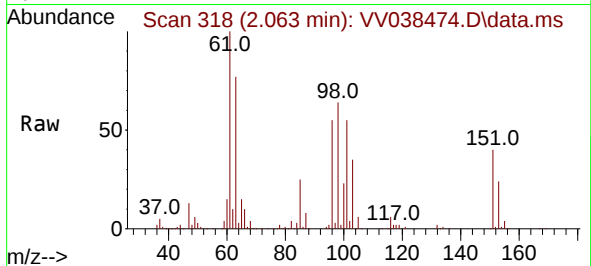




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.470 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038474.D
 Acq: 21 Jan 2025 10:34

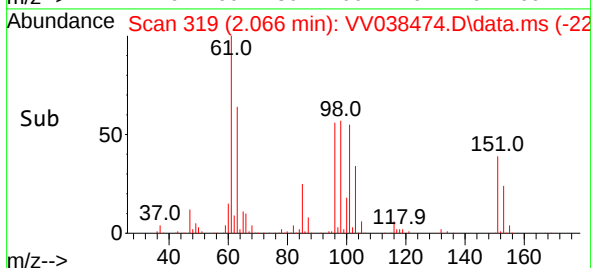
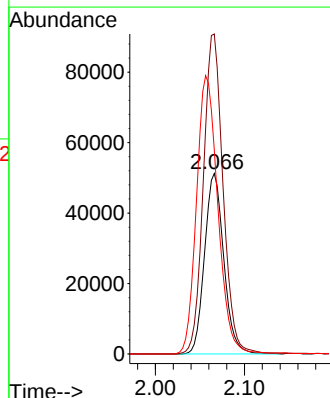
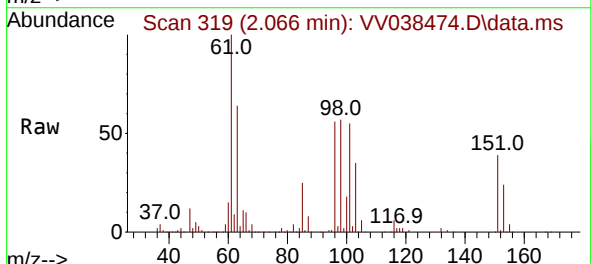
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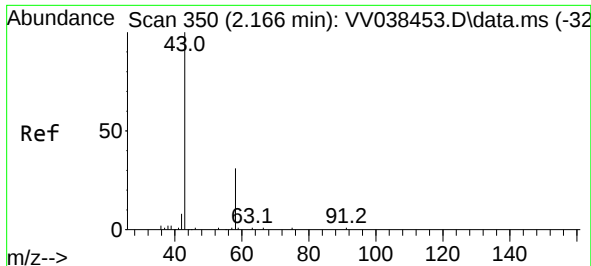
Tgt Ion:101 Resp: 86427
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.2 52.8
 151 70.4 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 4.938 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038474.D
 Acq: 21 Jan 2025 10:34

Tgt Ion: 96 Resp: 76790
 Ion Ratio Lower Upper
 96 100
 61 177.3 122.2 227.0
 63 113.2 86.2 160.0





#13

Acetone

Concen: 58.396 ug/L

RT: 2.134 min Scan# 34

Delta R.T. -0.032 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Instrument :

MSVOA_V

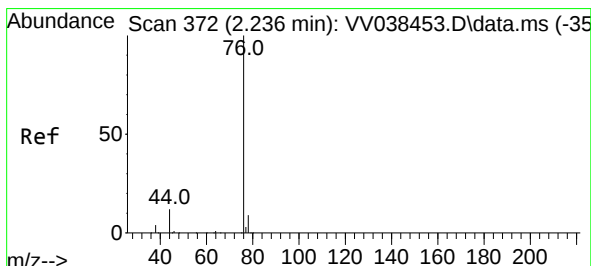
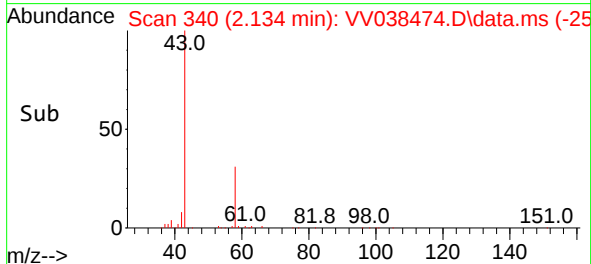
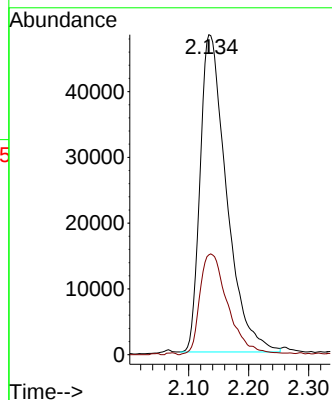
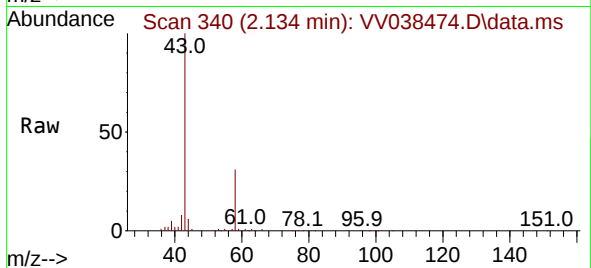
ClientSampleId :

Tgt Ion: 43 Resp: 147808

Ion Ratio Lower Upper

43 100

58 33.8 0.0 67.2



#14

Carbon disulfide

Concen: 5.010 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038474.D

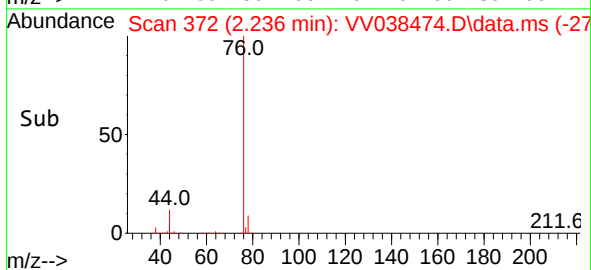
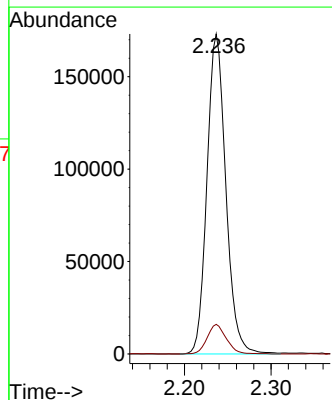
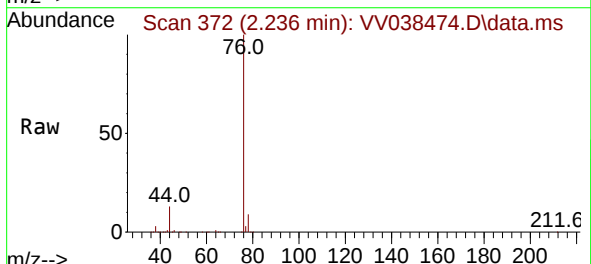
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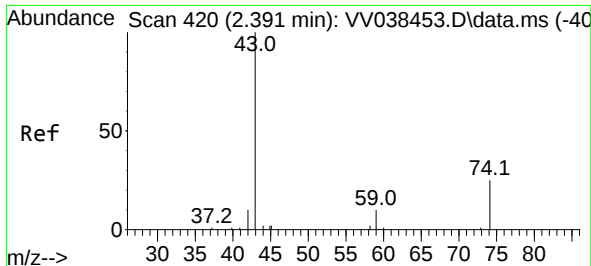
Tgt Ion: 76 Resp: 261751

Ion Ratio Lower Upper

76 100

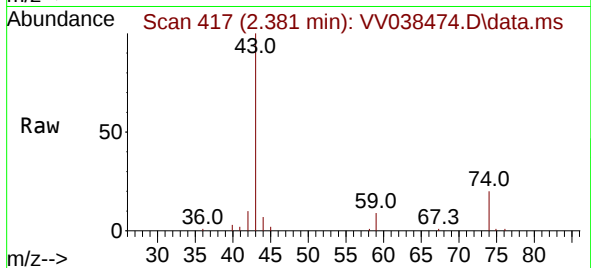
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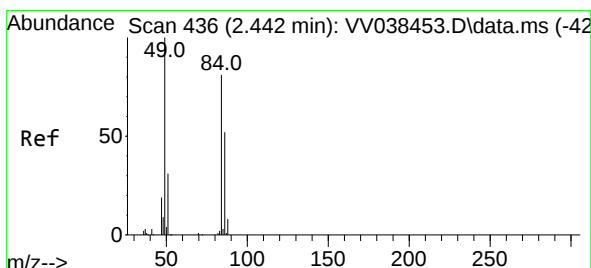
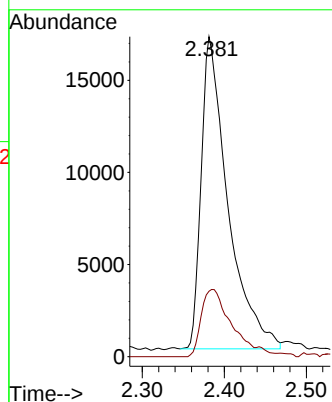
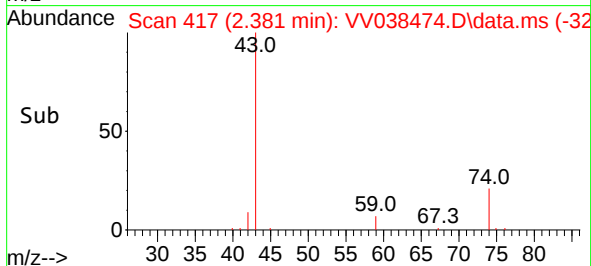


#15
Methyl Acetate
Concen: 5.928 ug/L
RT: 2.381 min Scan# 417
Delta R.T. -0.009 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

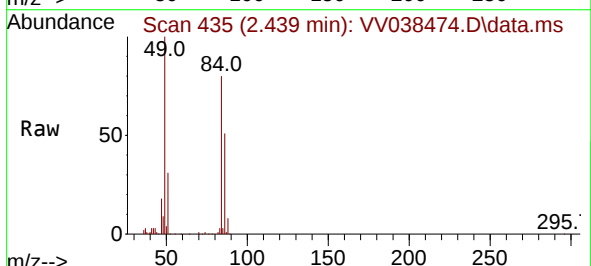
Instrument :
MSVOA_V
ClientSampleId :



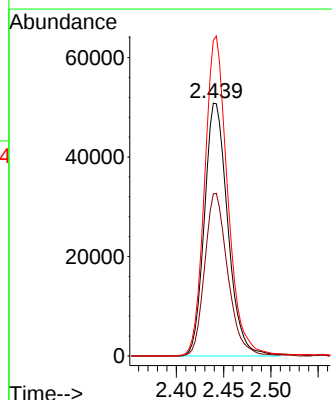
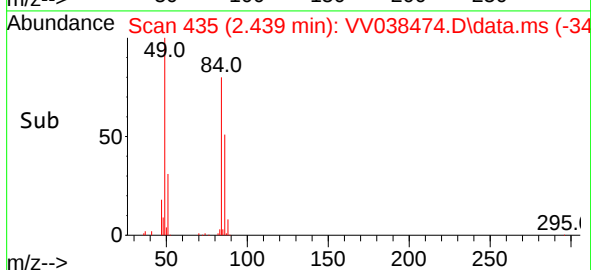
Tgt Ion: 43 Resp: 38332
Ion Ratio Lower Upper
43 100
74 24.9 20.4 30.6

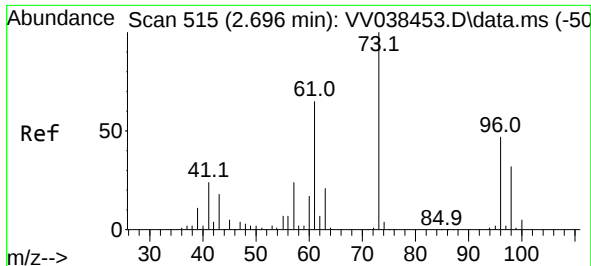


#16
Methylene chloride
Concen: 5.075 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34



Tgt Ion: 84 Resp: 87483
Ion Ratio Lower Upper
84 100
86 64.2 44.7 82.9
49 124.9 84.1 156.1

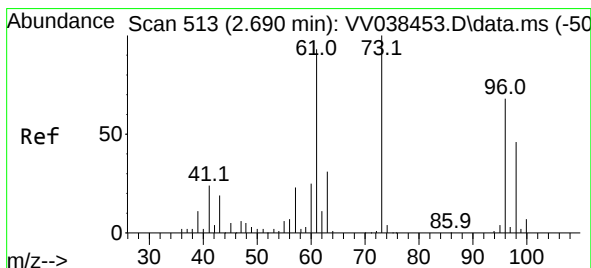
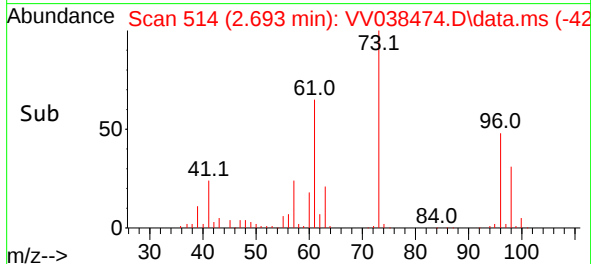
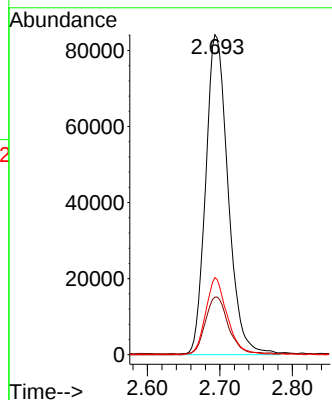
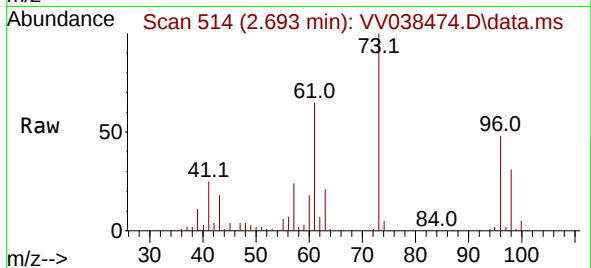




#17
Methyl tert-butyl Ether
Concen: 5.518 ug/L
RT: 2.693 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

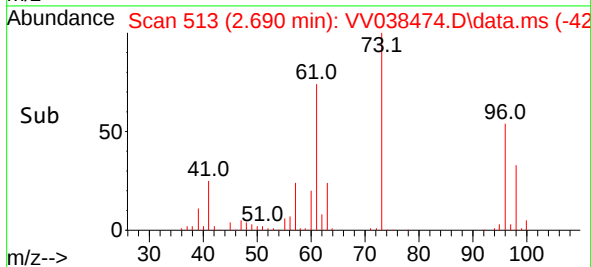
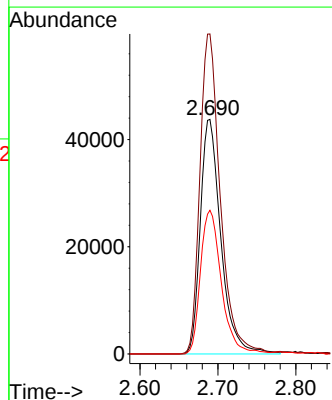
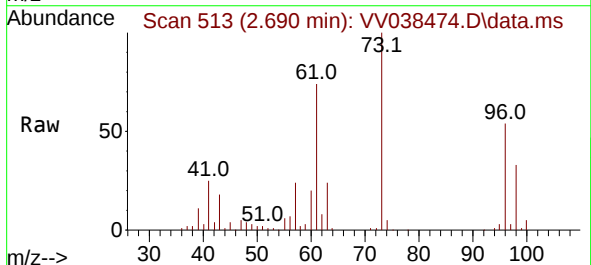
Instrument :
MSVOA_V
ClientSampleId :

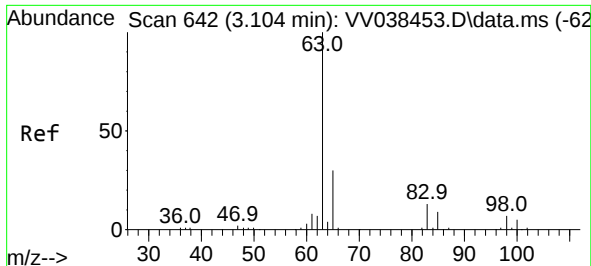
Tgt Ion: 73 Resp: 180579
Ion Ratio Lower Upper
73 100
43 18.0 14.6 21.8
57 23.2 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.010 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

Tgt Ion: 96 Resp: 80103
Ion Ratio Lower Upper
96 100
61 136.4 94.8 176.2
98 61.2 44.2 82.2

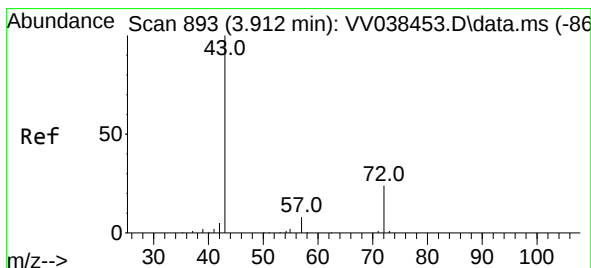
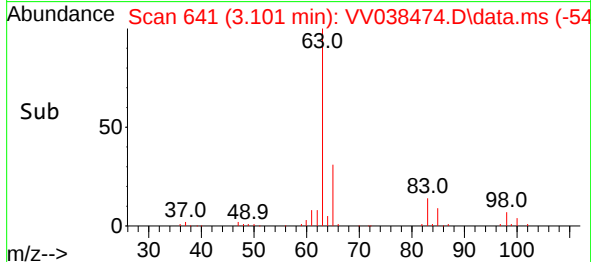
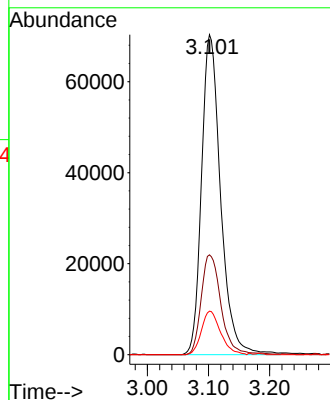
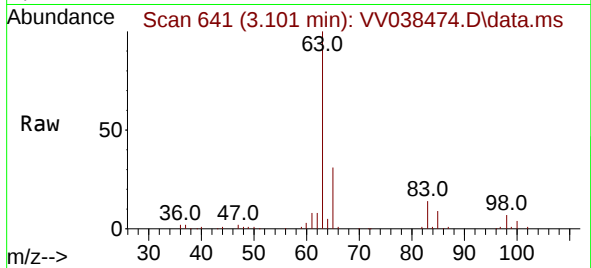




#19
1,1-Dichloroethane
Concen: 5.014 ug/L
RT: 3.101 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

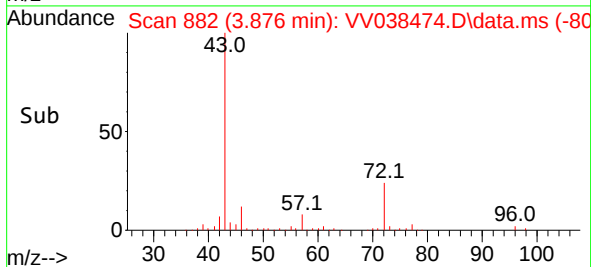
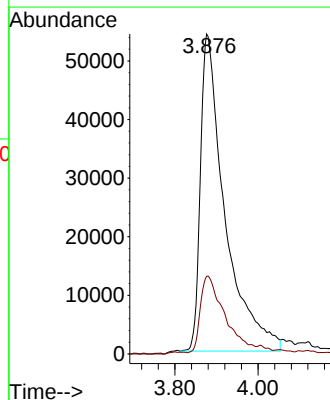
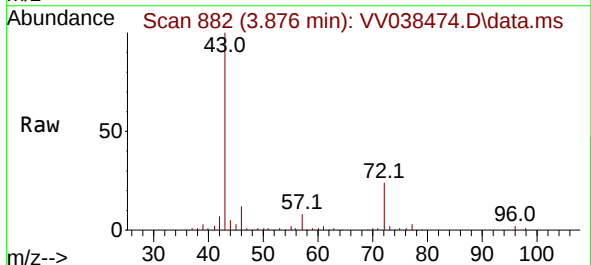
Instrument :
MSVOA_V
ClientSampleId :

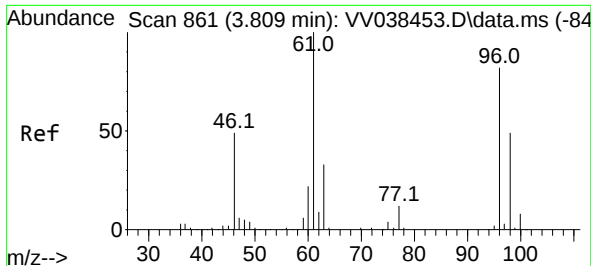
Tgt Ion: 63 Resp: 152572
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.9
83 13.6 9.4 17.6



#21
2-Butanone
Concen: 61.440 ug/L
RT: 3.876 min Scan# 882
Delta R.T. -0.035 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

Tgt Ion: 43 Resp: 220597
Ion Ratio Lower Upper
43 100
72 24.0 12.2 36.4





#22

cis-1,2-Dichloroethene

Concen: 5.078 ug/L

RT: 3.802 min Scan# 81

Delta R.T. -0.006 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Instrument :

MSVOA_V

ClientSampleId :

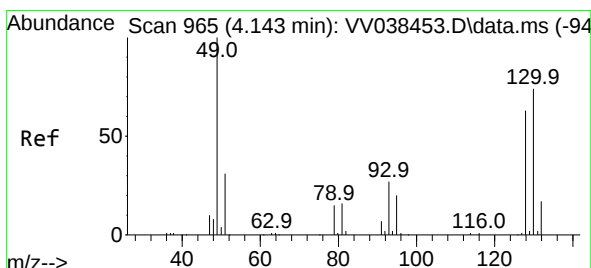
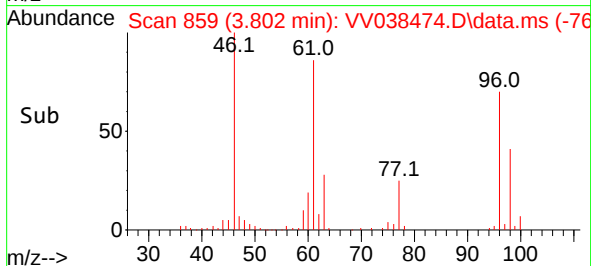
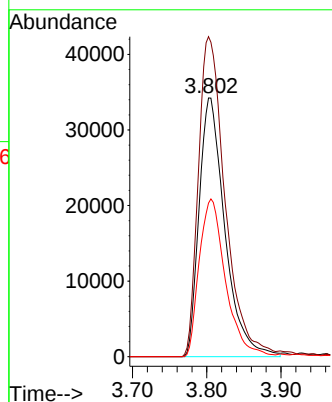
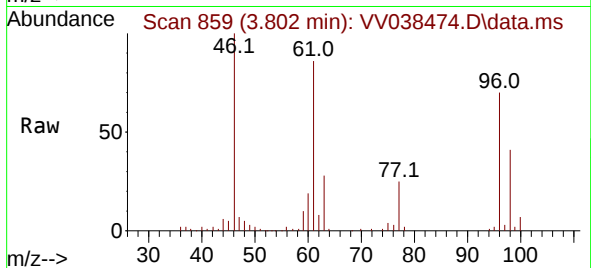
Tgt Ion: 96 Resp: 82550

Ion Ratio Lower Upper

96 100

61 123.7 86.5 160.7

98 59.4 43.8 81.3



#23

Bromochloromethane

Concen: 5.552 ug/L

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Tgt Ion:128 Resp: 41066

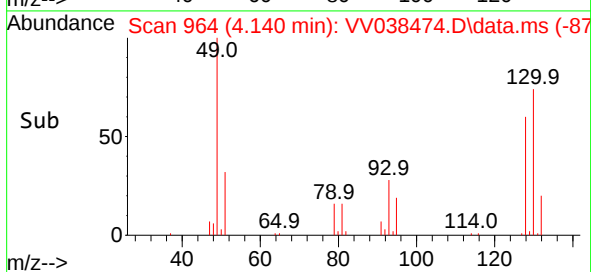
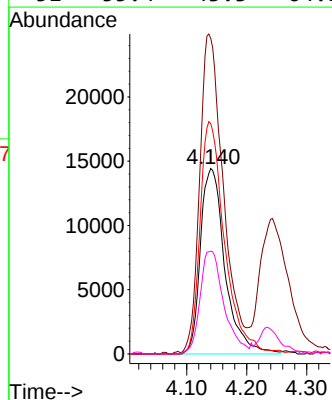
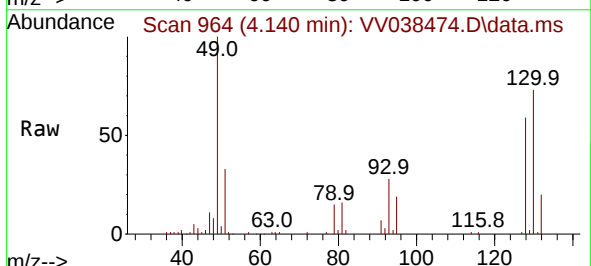
Ion Ratio Lower Upper

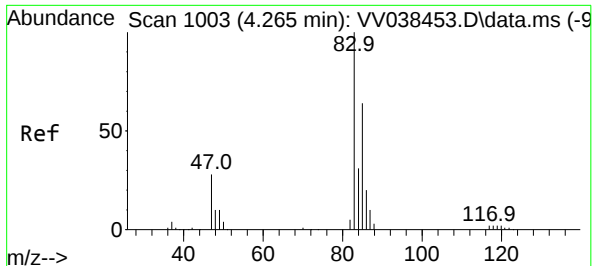
128 100

49 170.1 121.0 224.8

130 124.2 90.1 167.3

51 55.4 43.3 64.9





#25

Chloroform

Concen: 5.122 ug/L

RT: 4.262 min Scan# 1003

Delta R.T. -0.003 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Instrument :

MSVOA_V

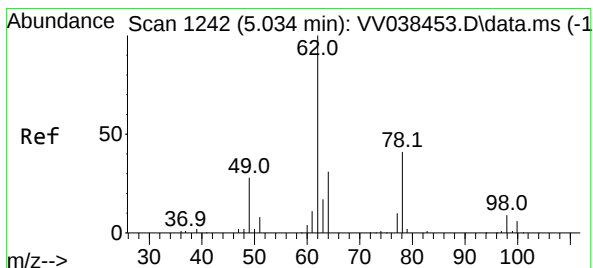
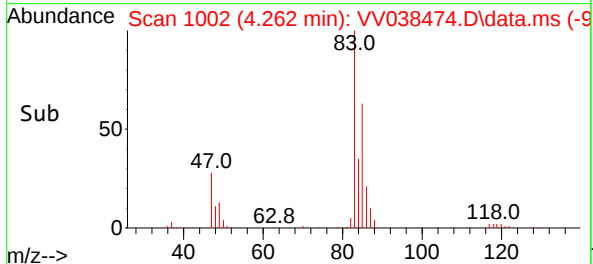
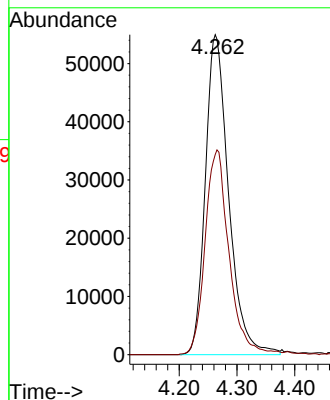
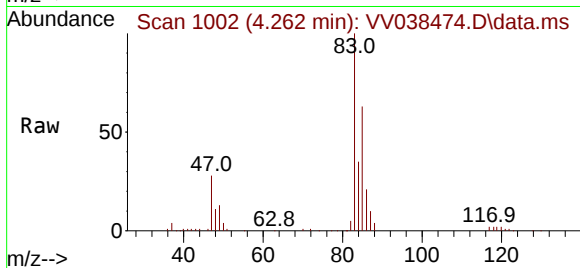
ClientSampleId :

Tgt Ion: 83 Resp: 154079

Ion Ratio Lower Upper

83 100

85 62.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 5.899 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VV038474.D

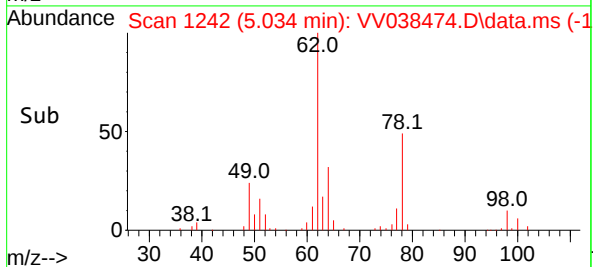
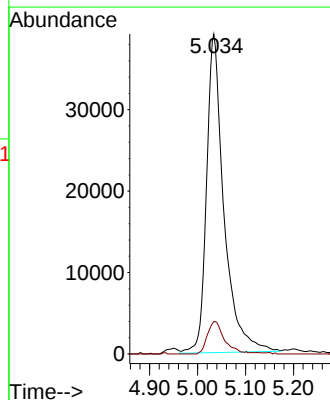
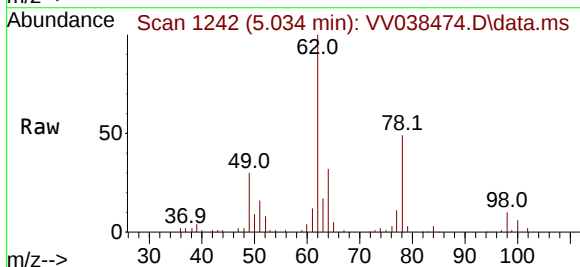
Acq: 21 Jan 2025 10:34

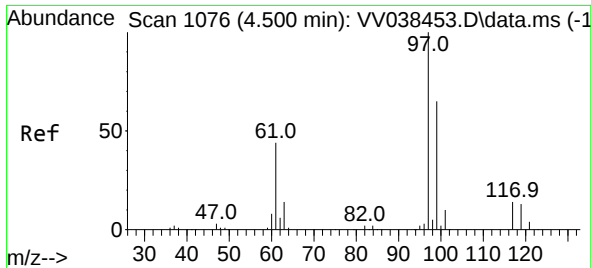
Tgt Ion: 62 Resp: 98684

Ion Ratio Lower Upper

62 100

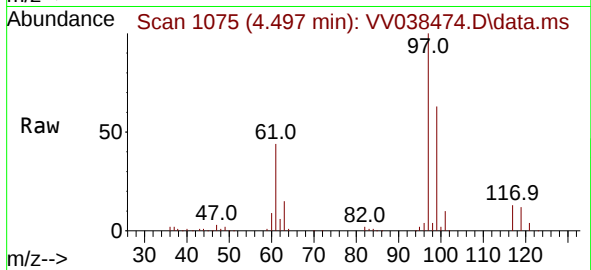
98 10.1 7.8 11.6



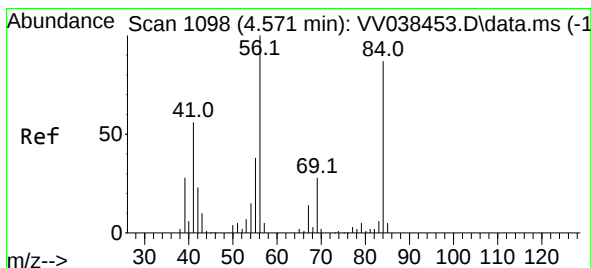
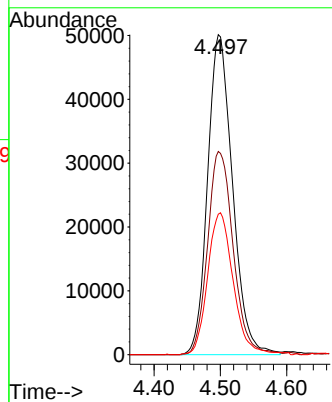
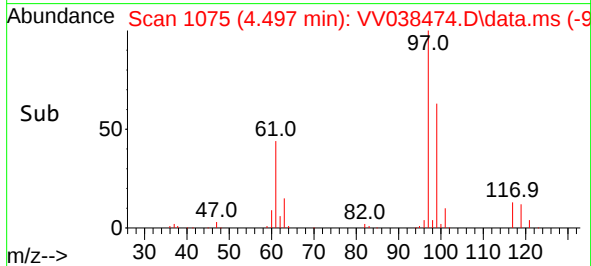


#29
1,1,1-Trichloroethane
Concen: 4.996 ug/L
RT: 4.497 min Scan# 1075
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

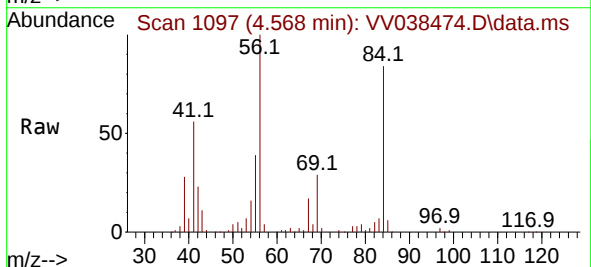
Instrument :
MSVOA_V
ClientSampleId :



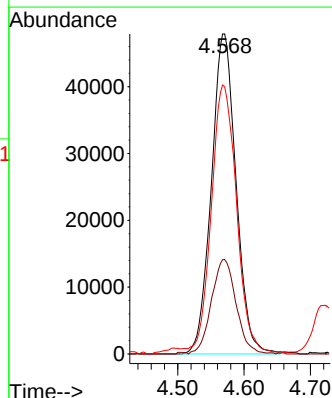
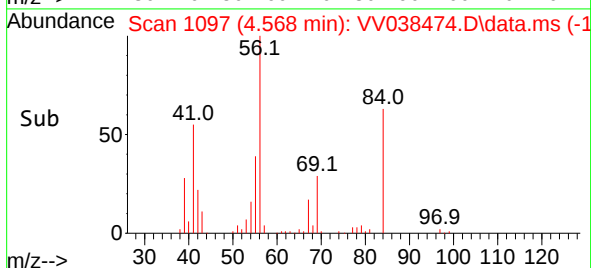
Tgt Ion: 97 Resp: 130889
Ion Ratio Lower Upper
97 100
99 65.3 52.9 79.3
61 45.7 36.4 54.6

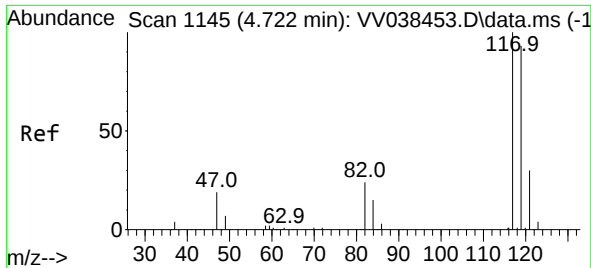


#30
Cyclohexane
Concen: 5.187 ug/L
RT: 4.568 min Scan# 1097
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34



Tgt Ion: 56 Resp: 123761
Ion Ratio Lower Upper
56 100
69 29.5 24.7 37.1
84 86.2 68.2 102.2

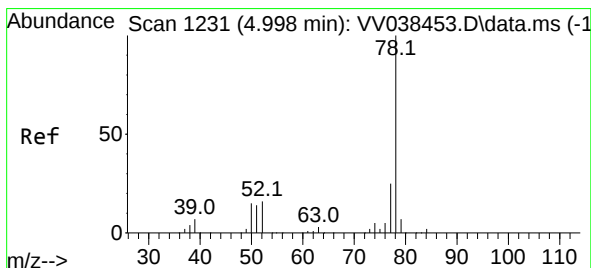
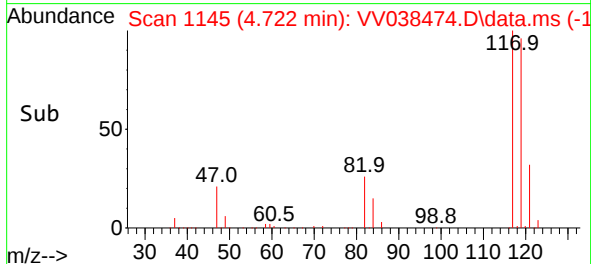
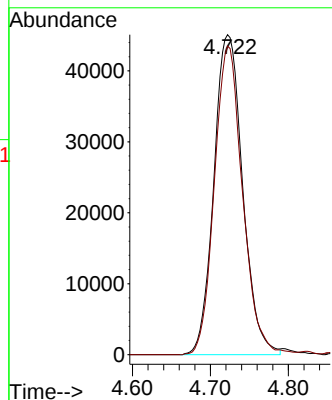
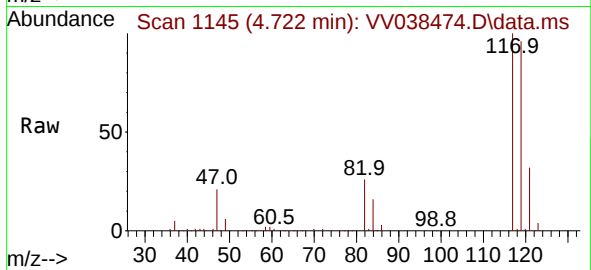




#31
Carbon tetrachloride
Concen: 5.009 ug/L
RT: 4.722 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

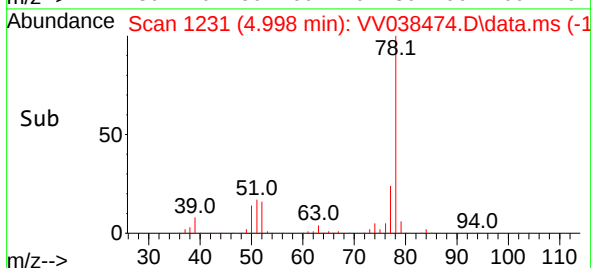
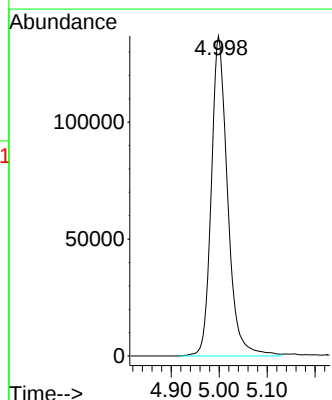
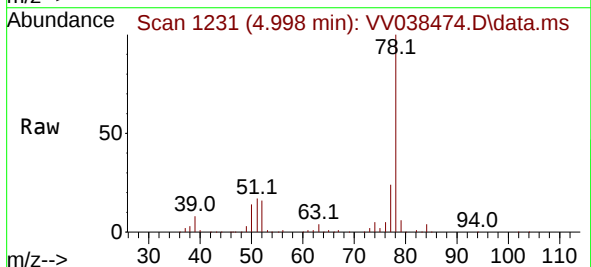
Instrument :
MSVOA_V
ClientSampleId :

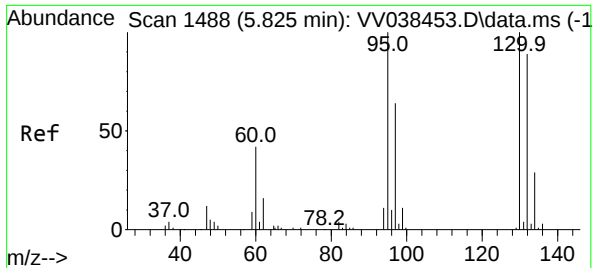
Tgt Ion:117 Resp: 116002
Ion Ratio Lower Upper
117 100
119 94.4 76.6 115.0



#33
Benzene
Concen: 5.172 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

Tgt Ion: 78 Resp: 323660





#34

Trichloroethene

Concen: 4.989 ug/L

RT: 5.825 min Scan# 14

Delta R.T. 0.000 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 81131

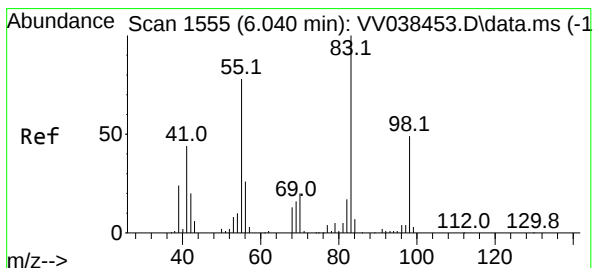
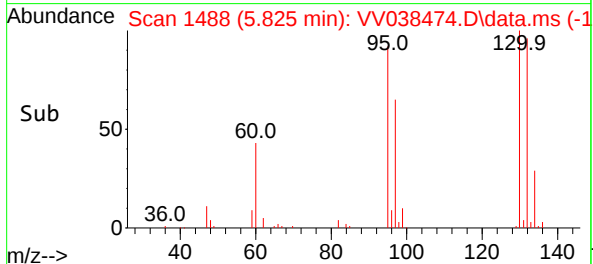
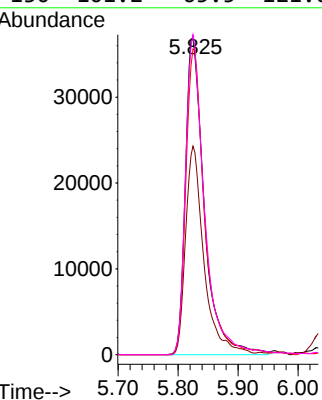
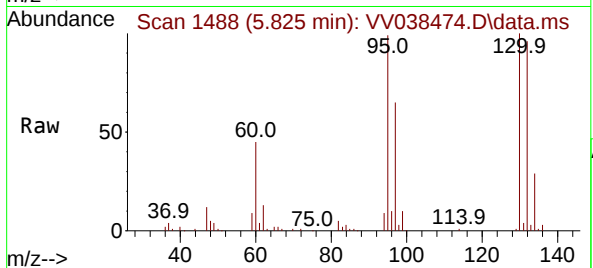
Ion Ratio Lower Upper

95 100

97 66.0 43.4 80.6

132 96.7 65.5 121.6

130 101.2 65.5 121.6



#35

Methylcyclohexane

Concen: 5.239 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. -0.003 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

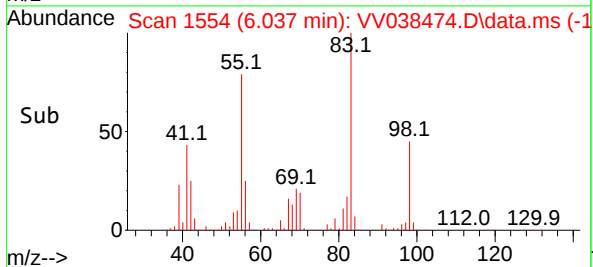
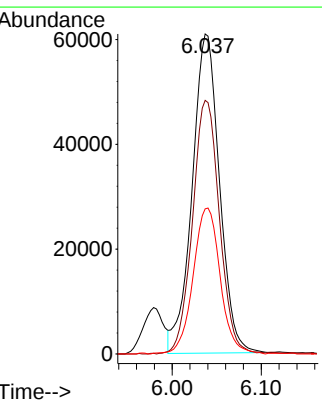
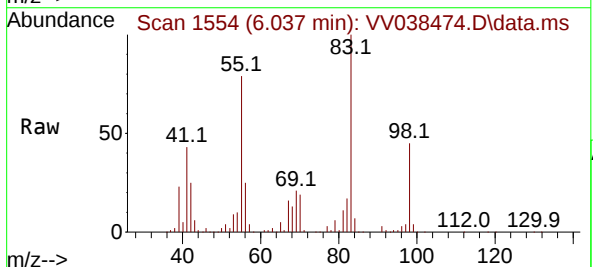
Tgt Ion: 83 Resp: 129870

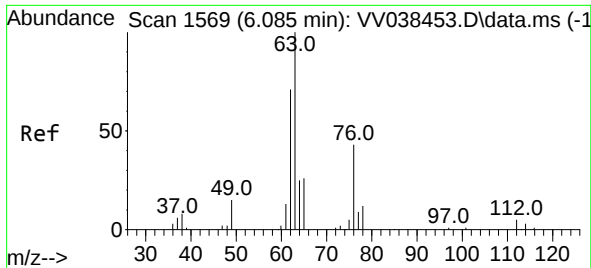
Ion Ratio Lower Upper

83 100

55 78.3 59.4 89.0

98 45.4 37.8 56.8

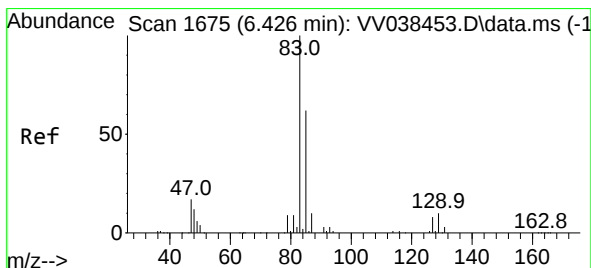
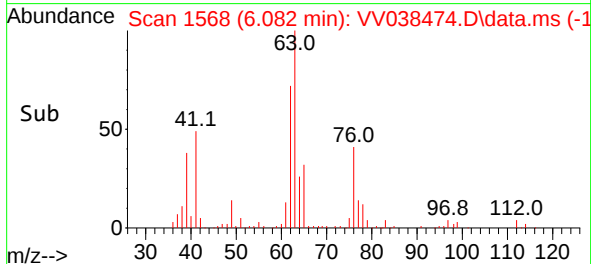
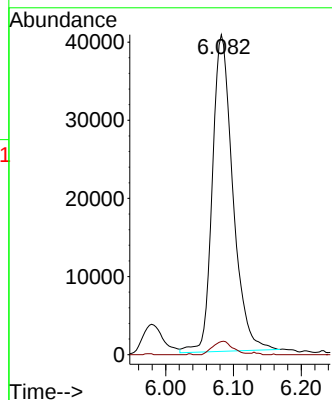
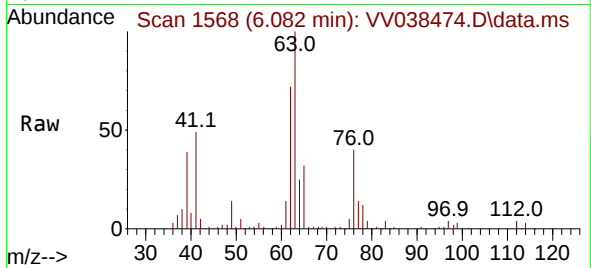




#37
1,2-Dichloropropane
Concen: 5.283 ug/L
RT: 6.082 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

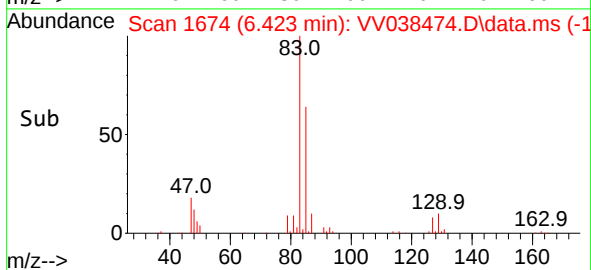
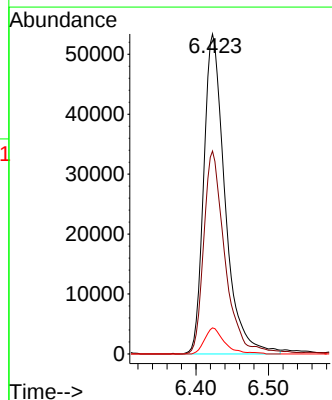
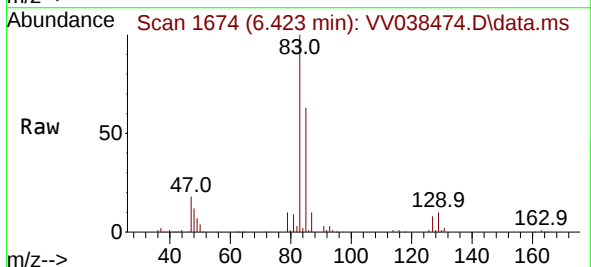
Instrument :
MSVOA_V
ClientSampleId :

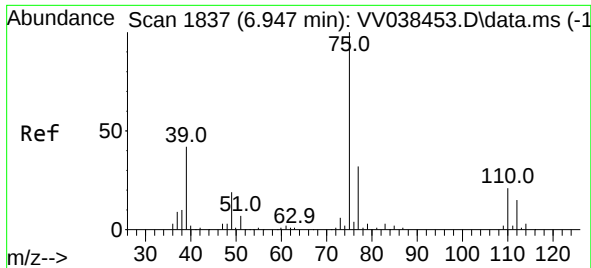
Tgt Ion: 63 Resp: 85368
Ion Ratio Lower Upper
63 100
112 4.1 4.1 6.1



#38
Bromodichloromethane
Concen: 5.197 ug/L
RT: 6.423 min Scan# 1674
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

Tgt Ion: 83 Resp: 108929
Ion Ratio Lower Upper
83 100
85 63.4 44.7 83.1
127 8.2 6.8 10.2

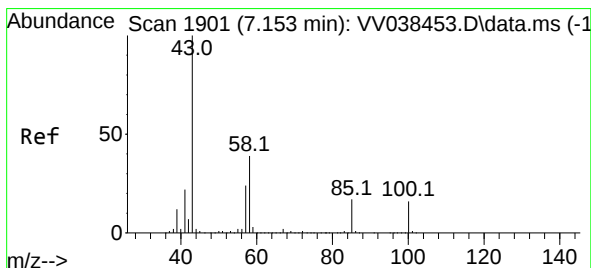
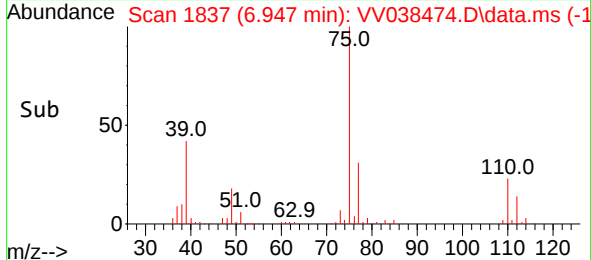
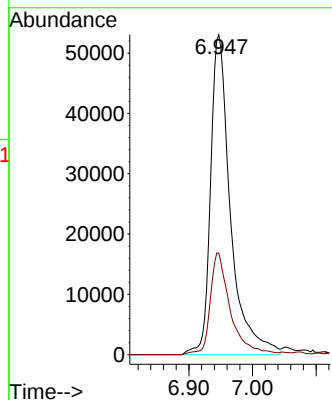
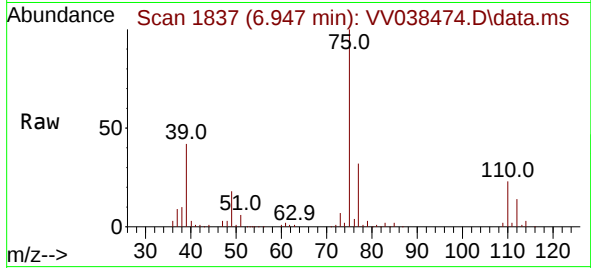




#39
 cis-1,3-Dichloropropene
 Concen: 5.189 ug/L
 RT: 6.947 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV038474.D
 Acq: 21 Jan 2025 10:34

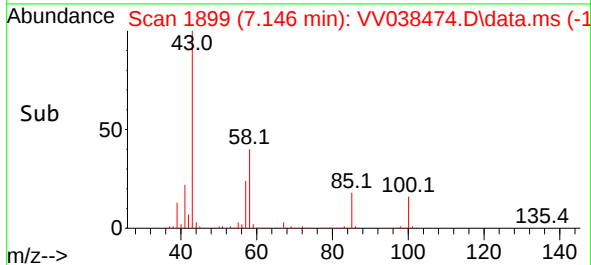
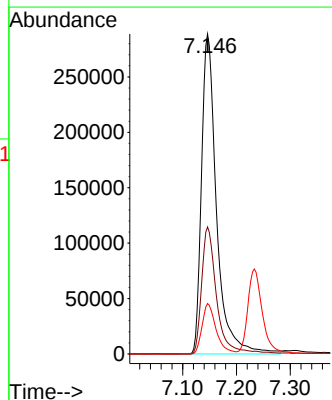
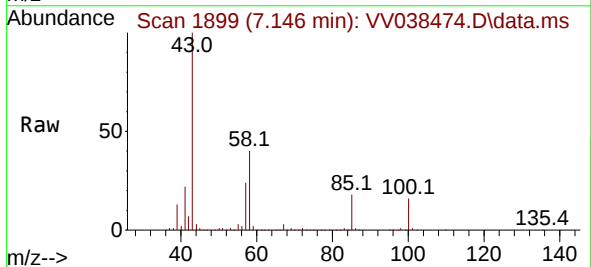
Instrument :
 MSVOA_V
 ClientSampleId :

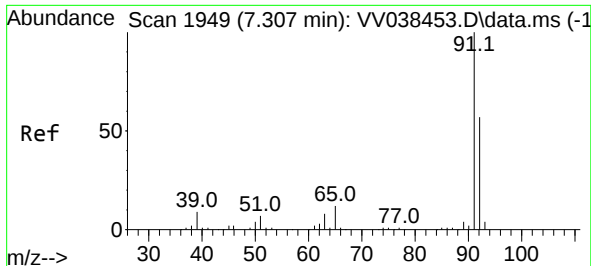
Tgt Ion: 75 Resp: 115596
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 67.063 ug/L
 RT: 7.146 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: VV038474.D
 Acq: 21 Jan 2025 10:34

Tgt Ion: 43 Resp: 560728
 Ion Ratio Lower Upper
 43 100
 58 39.6 31.7 47.5
 100 14.8 12.4 18.6





#42

Toluene

Concen: 5.339 ug/L

RT: 7.304 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Instrument :

MSVOA_V

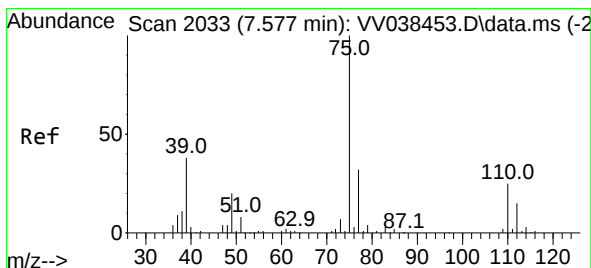
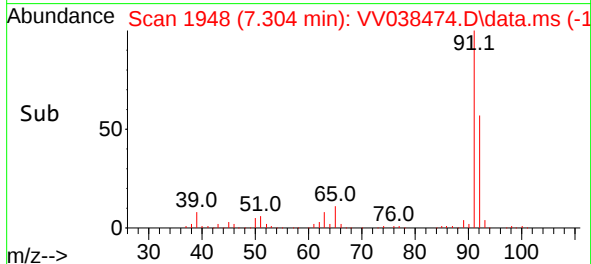
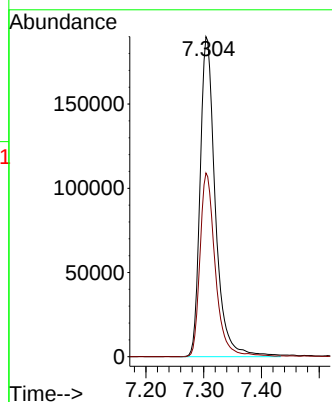
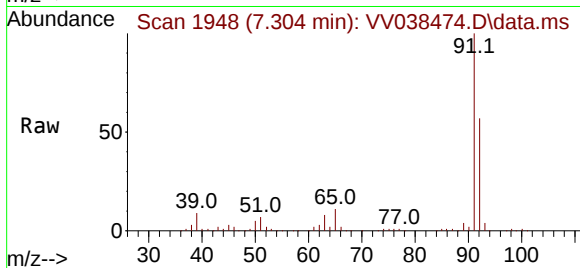
ClientSampleId :

Tgt Ion: 91 Resp: 348187

Ion Ratio Lower Upper

91 100

92 57.4 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.393 ug/L

RT: 7.574 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV038474.D

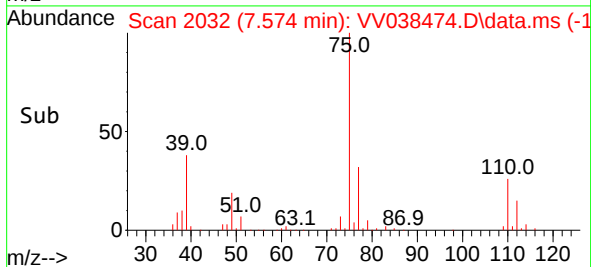
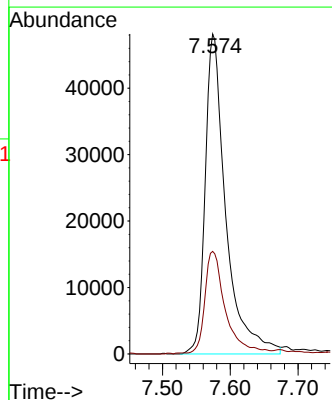
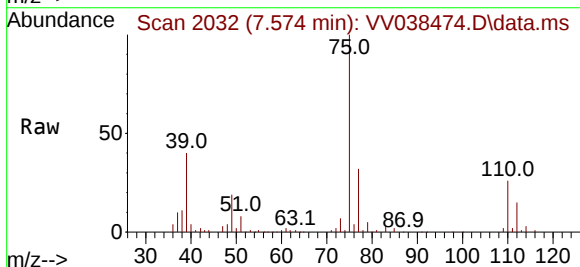
Acq: 21 Jan 2025 10:34

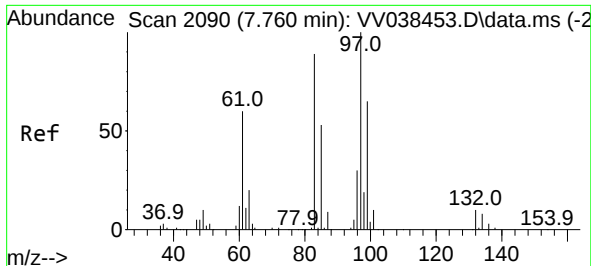
Tgt Ion: 75 Resp: 101796

Ion Ratio Lower Upper

75 100

77 32.0 22.8 42.4





#45

1,1,2-Trichloroethane

Concen: 5.691 ug/L

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

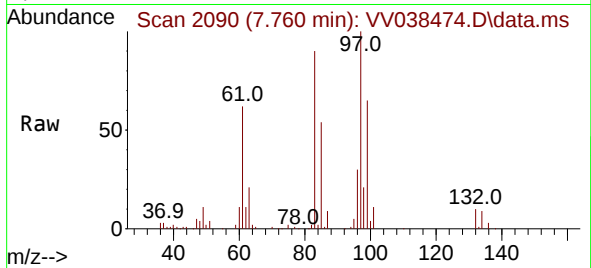
Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 66147

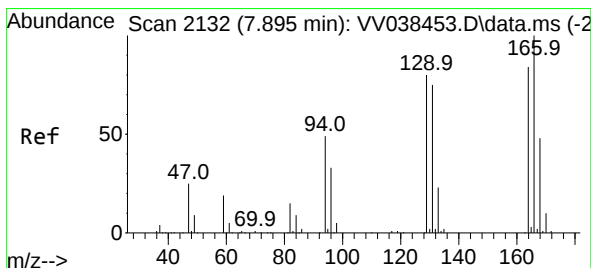
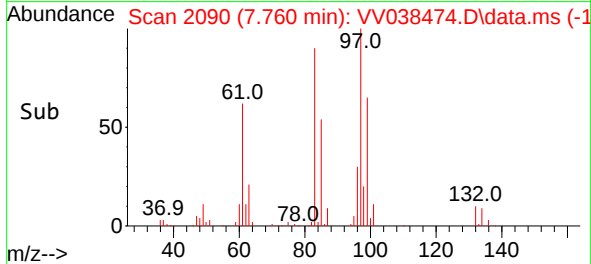
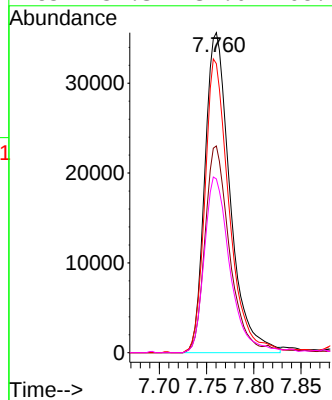
Ion Ratio Lower Upper

97 100

99 64.6 42.3 78.5

83 90.3 59.4 110.4

85 54.3 37.0 68.6



#47

Tetrachloroethene

Concen: 4.942 ug/L

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Tgt Ion: 164 Resp: 62201

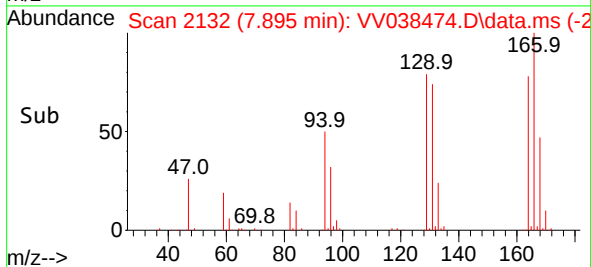
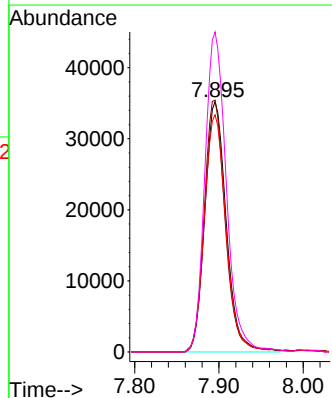
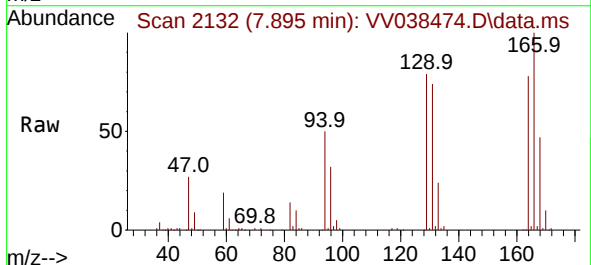
Ion Ratio Lower Upper

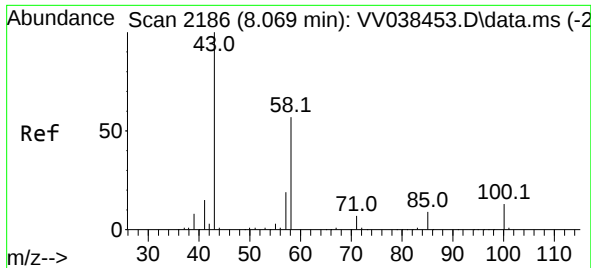
164 100

129 100.6 68.9 127.9

131 94.8 65.2 121.2

166 127.9 86.7 160.9



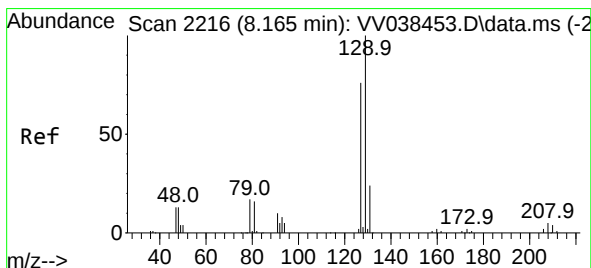
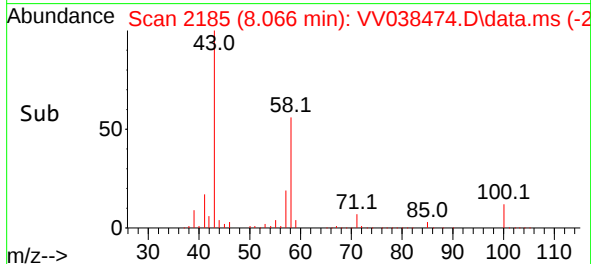
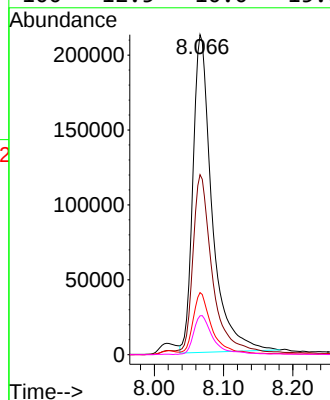
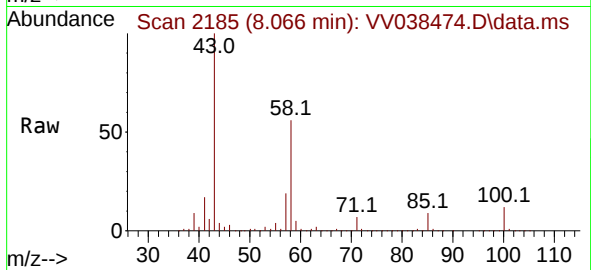


#48
2-Hexanone
Concen: 67.388 ug/L
RT: 8.066 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 407961

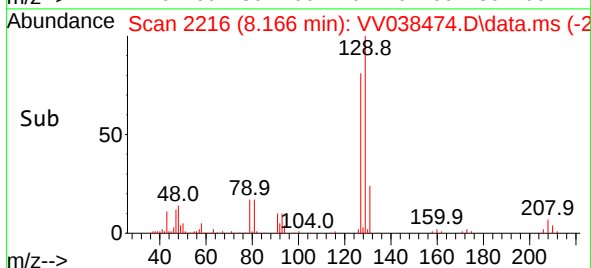
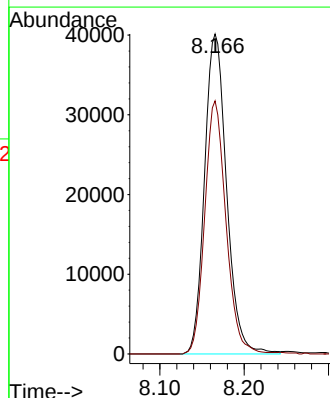
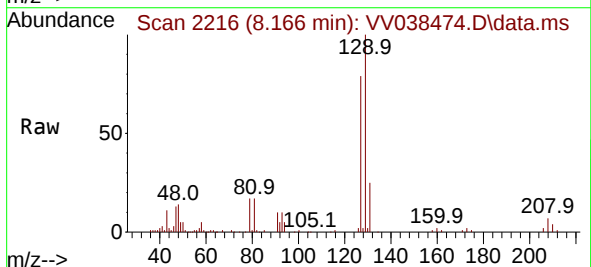
Ion	Ratio	Lower	Upper
43	100		
58	57.1	43.6	65.4
57	18.9	15.0	22.4
100	12.5	10.0	15.0

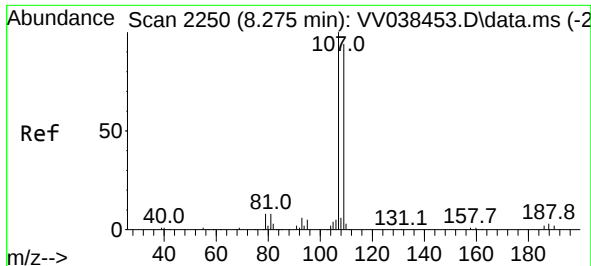


#49
Dibromochloromethane
Concen: 5.473 ug/L
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

Tgt Ion: 129 Resp: 73237

Ion	Ratio	Lower	Upper
129	100		
127	79.1	52.8	98.2





#50

1,2-Dibromoethane

Concen: 5.825 ug/L

RT: 8.272 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV038474.D

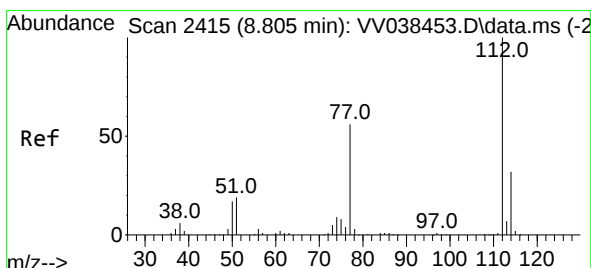
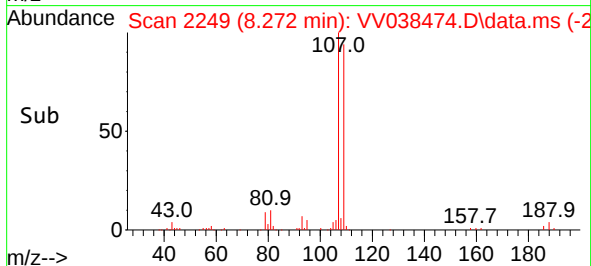
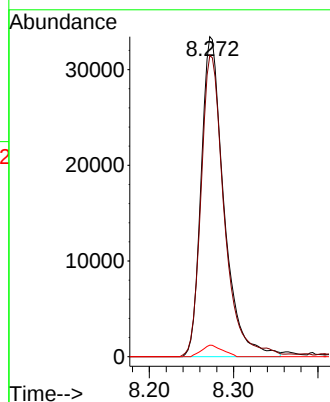
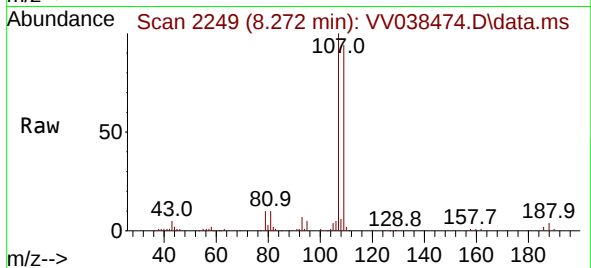
Acq: 21 Jan 2025 10:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	63000
Ion	Ratio	Lower	Upper
107	100		
109	94.1	65.9	122.3
188	3.6	2.8	4.2



#51

Chlorobenzene

Concen: 4.979 ug/L

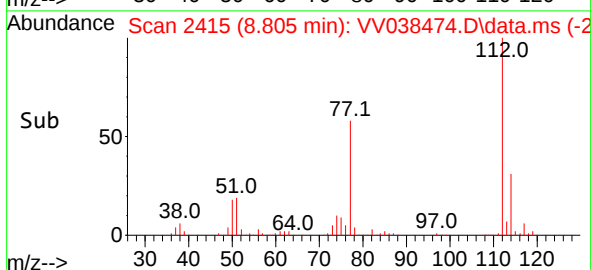
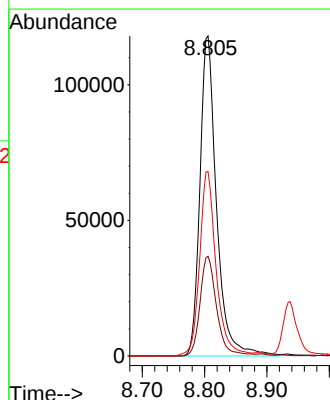
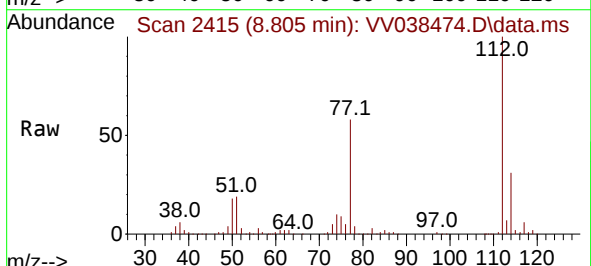
RT: 8.805 min Scan# 2415

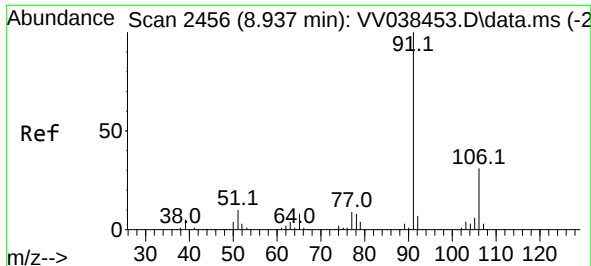
Delta R.T. 0.000 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Tgt Ion:	112	Resp:	218501
Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.9	42.5
77	57.6	46.1	69.1





#52

Ethylbenzene

Concen: 4.978 ug/L

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Instrument :

MSVOA_V

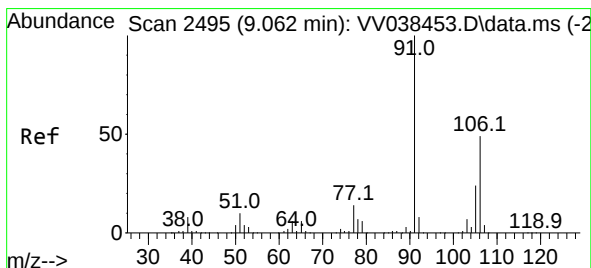
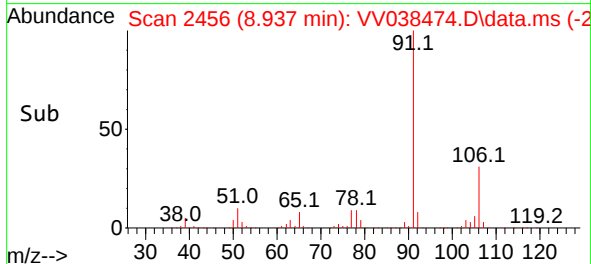
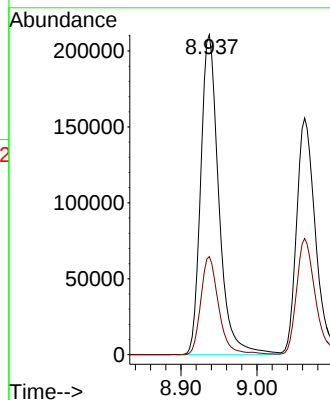
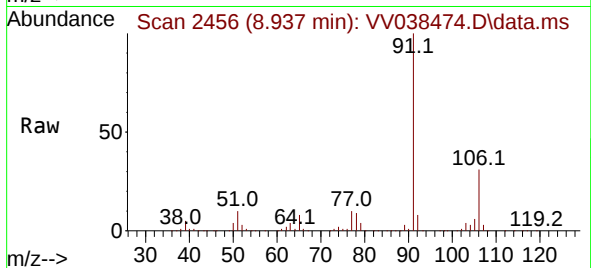
ClientSampleId :

Tgt Ion: 91 Resp: 349224

Ion Ratio Lower Upper

91 100

106 30.7 22.0 40.8



#53

m,p-Xylene

Concen: 4.901 ug/L

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038474.D

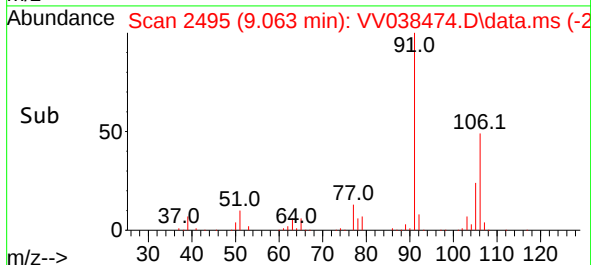
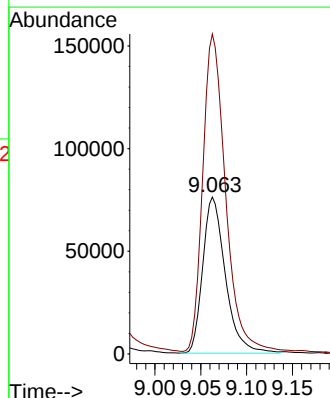
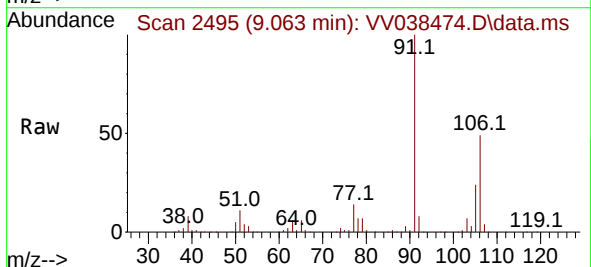
Acq: 21 Jan 2025 10:34

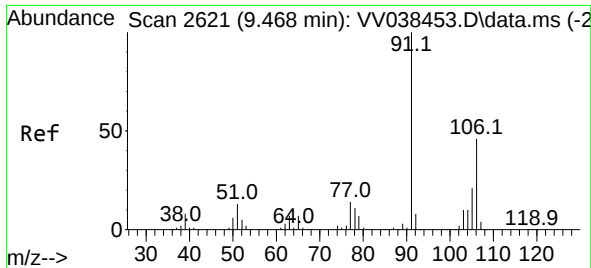
Tgt Ion: 106 Resp: 130332

Ion Ratio Lower Upper

106 100

91 203.8 148.2 275.2

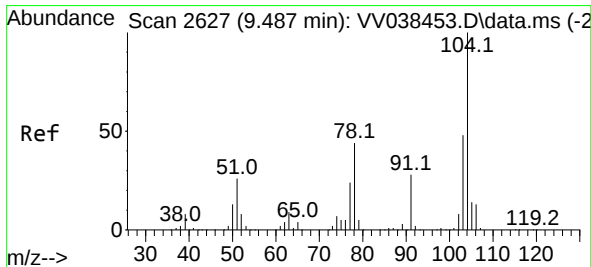
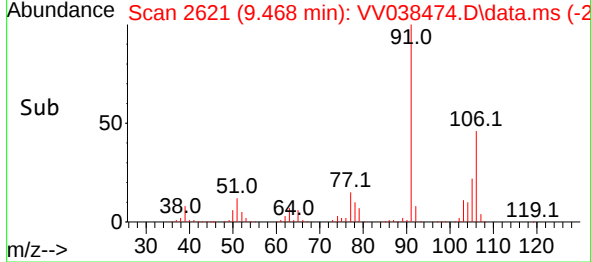
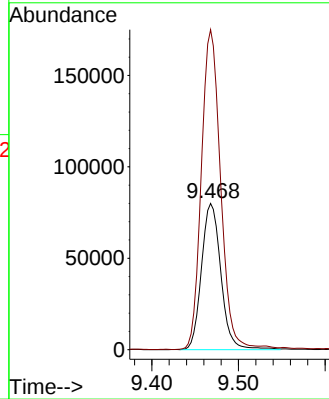
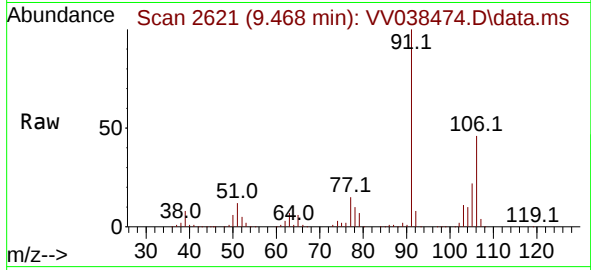




#54
o-Xylene
Concen: 4.915 ug/L
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

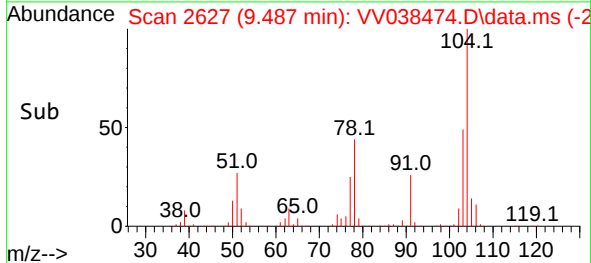
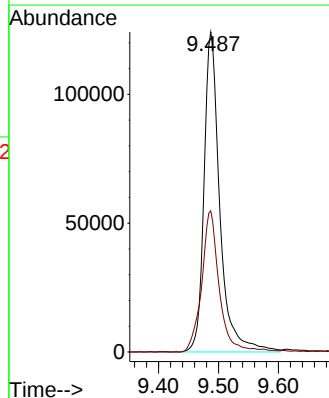
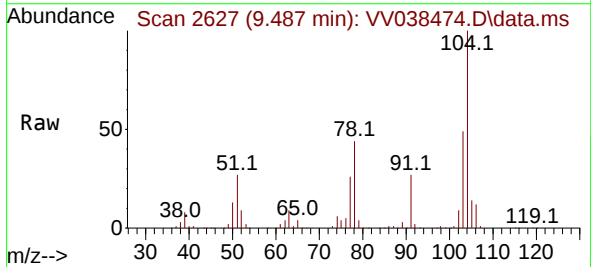
Instrument :
MSVOA_V
ClientSampleId :

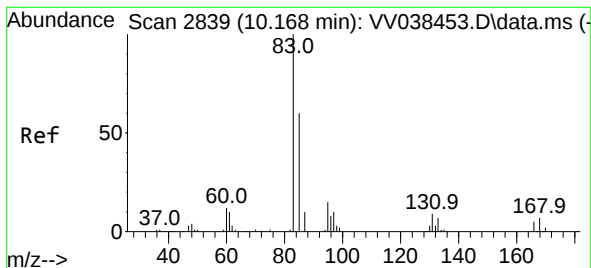
Tgt Ion:106 Resp: 124538
Ion Ratio Lower Upper
106 100
91 218.8 151.4 281.2



#55
Styrene
Concen: 5.168 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

Tgt Ion:104 Resp: 228366
Ion Ratio Lower Upper
104 100
78 44.1 30.8 57.2

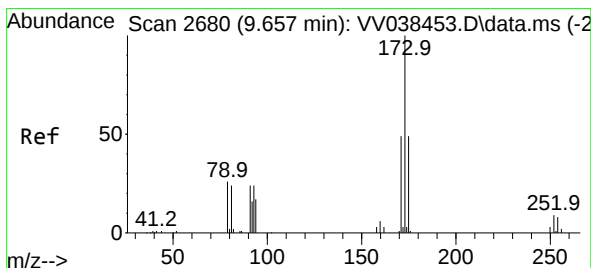
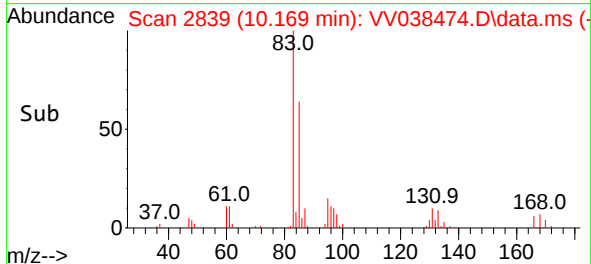
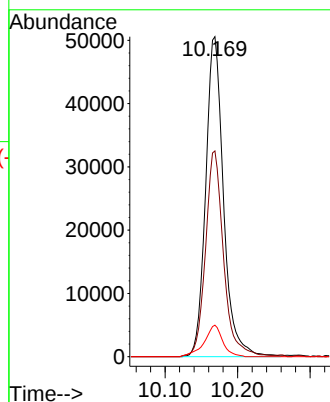
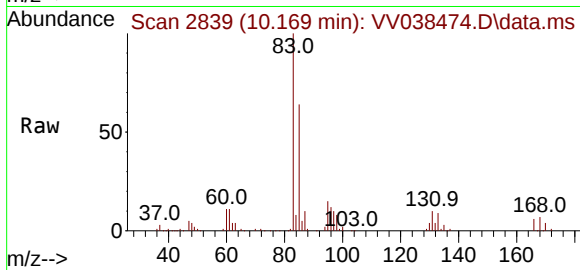




#57
 1,1,2,2-Tetrachloroethane
 Concen: 6.113 ug/L
 RT: 10.169 min Scan# 2839
 Delta R.T. 0.000 min
 Lab File: VV038474.D
 Acq: 21 Jan 2025 10:34

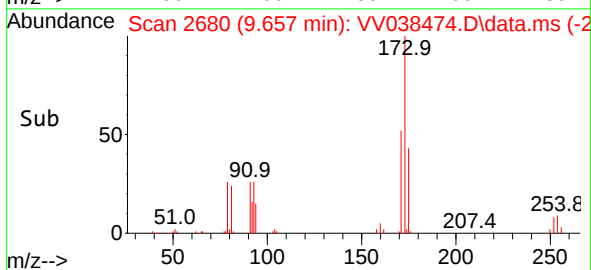
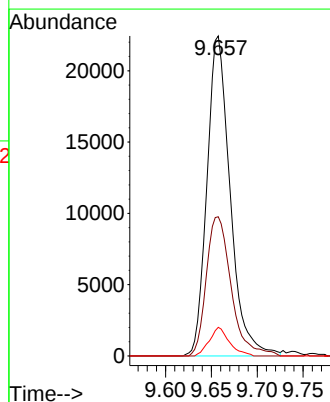
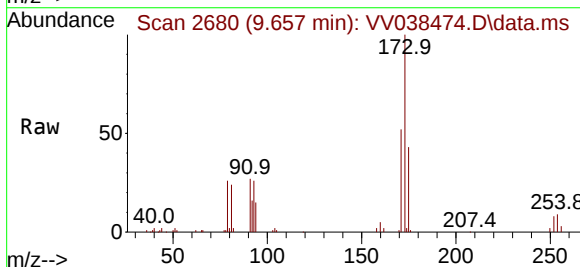
Instrument :
 MSVOA_V
 ClientSampleId :

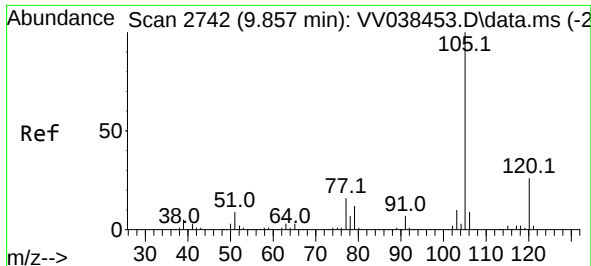
Tgt Ion: 83 Resp: 86530
 Ion Ratio Lower Upper
 83 100
 85 64.3 45.1 83.7
 131 9.8 7.5 11.3



#59
 Bromoform
 Concen: 5.344 ug/L
 RT: 9.657 min Scan# 2680
 Delta R.T. 0.000 min
 Lab File: VV038474.D
 Acq: 21 Jan 2025 10:34

Tgt Ion: 173 Resp: 39510
 Ion Ratio Lower Upper
 173 100
 175 46.6 37.6 56.4
 254 7.7 5.6 8.4

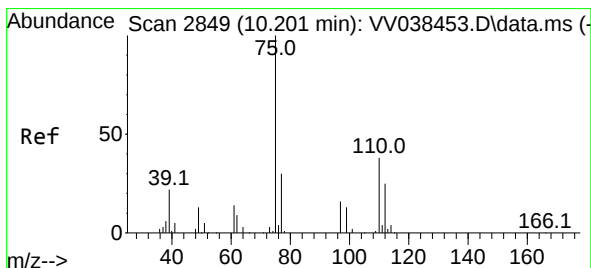
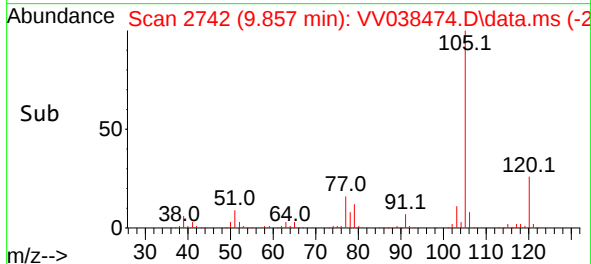
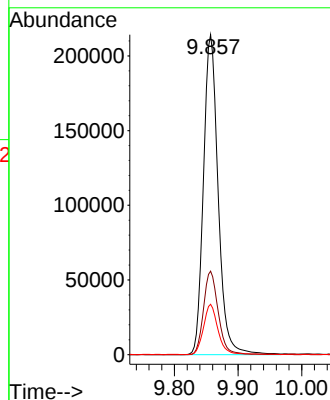
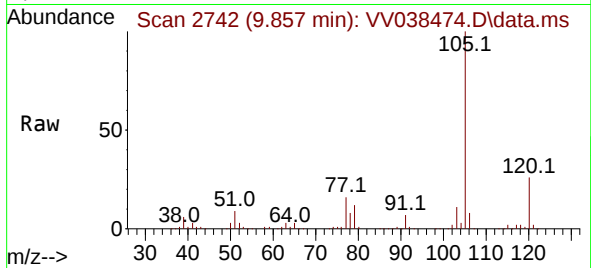




#60
Isopropylbenzene
Concen: 4.813 ug/L
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

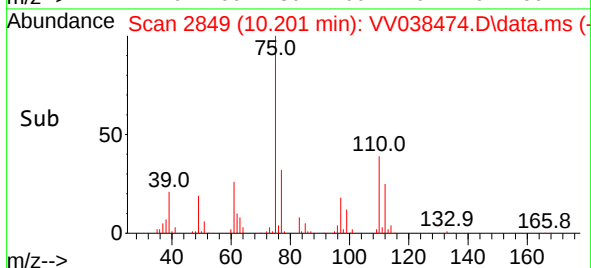
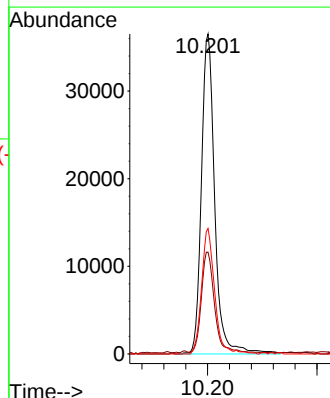
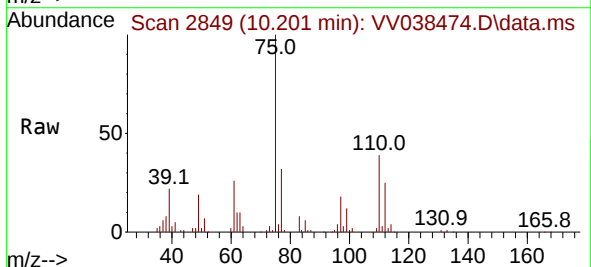
Instrument :
MSVOA_V
ClientSampleId :

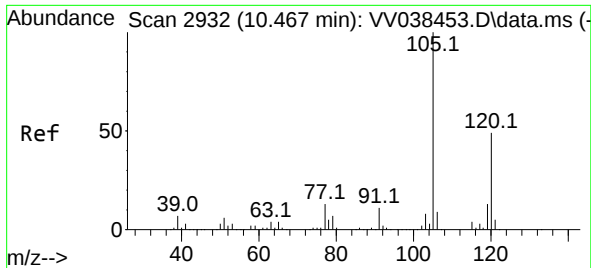
Tgt Ion:105 Resp: 343347
Ion Ratio Lower Upper
105 100
120 26.0 21.4 32.2
77 15.7 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 6.051 ug/L
RT: 10.201 min Scan# 2849
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

Tgt Ion: 75 Resp: 61640
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
110 37.6 32.6 48.8

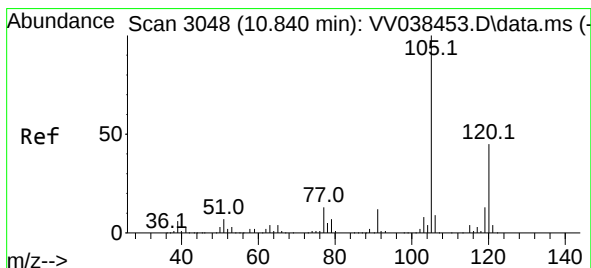
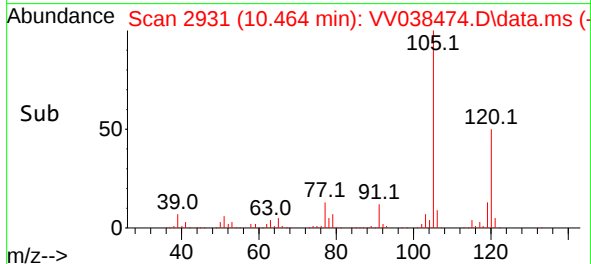
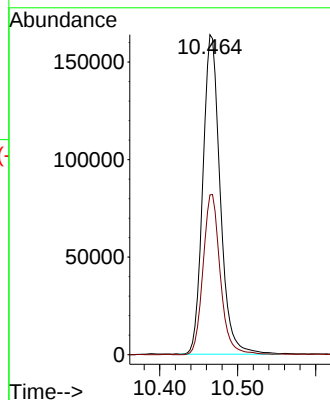
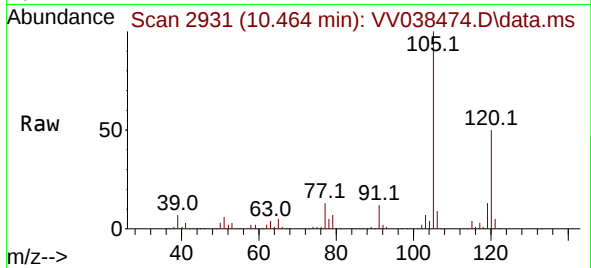




#62
1,3,5-Trimethylbenzene
Concen: 4.531 ug/L
RT: 10.464 min Scan# 2932
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

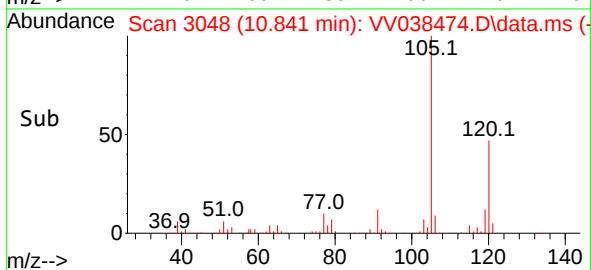
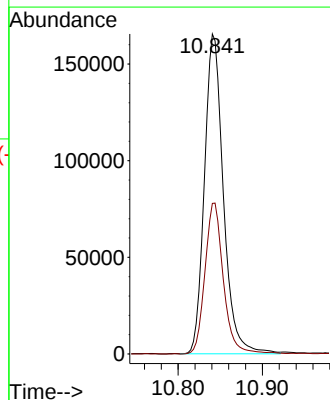
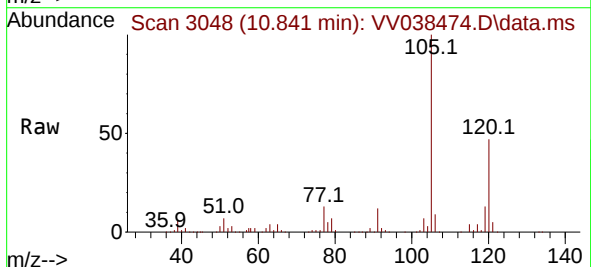
Instrument :
MSVOA_V
ClientSampleId :

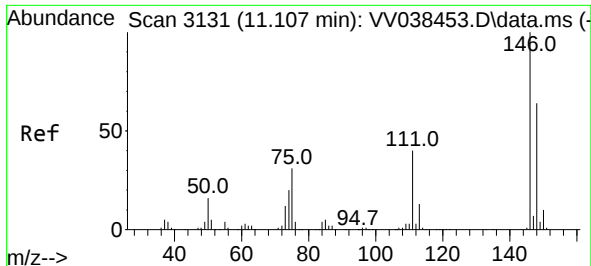
Tgt Ion:105 Resp: 253149
Ion Ratio Lower Upper
105 100
120 49.9 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 4.651 ug/L
RT: 10.841 min Scan# 3048
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

Tgt Ion:105 Resp: 259534
Ion Ratio Lower Upper
105 100
120 46.0 35.8 53.8

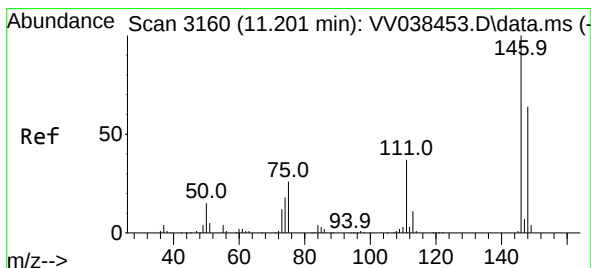
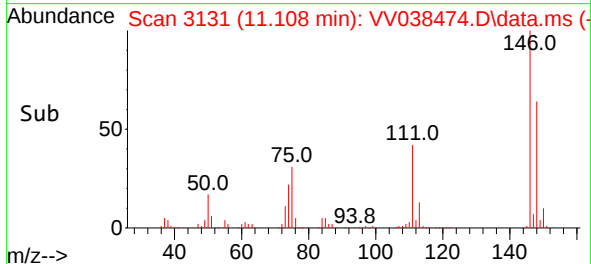
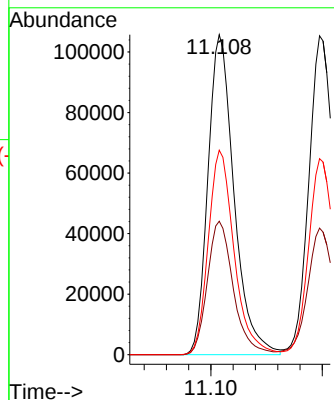
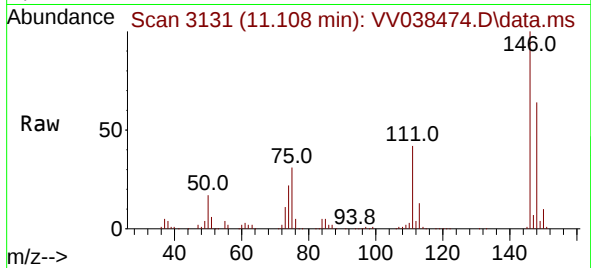




#64
1,3-Dichlorobenzene
Concen: 4.861 ug/L
RT: 11.108 min Scan# 3131
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

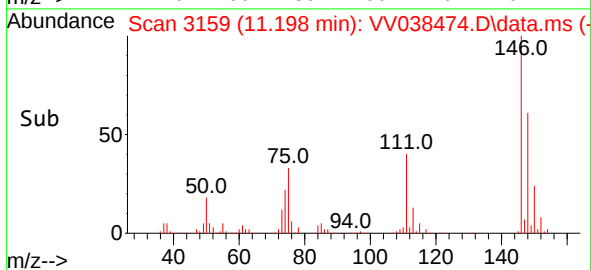
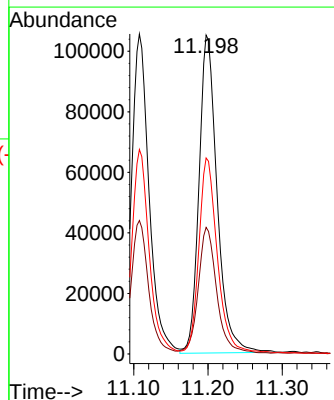
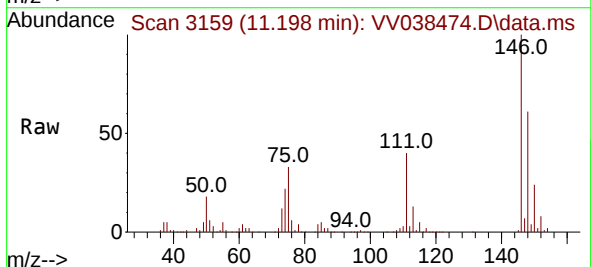
Instrument :
MSVOA_V
ClientSampleId :

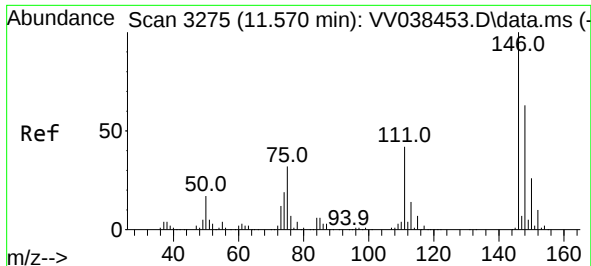
Tgt Ion:146 Resp: 172034
Ion Ratio Lower Upper
146 100
111 41.7 27.9 51.9
148 63.9 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 4.892 ug/L
RT: 11.198 min Scan# 3159
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

Tgt Ion:146 Resp: 178991
Ion Ratio Lower Upper
146 100
111 39.7 28.1 52.3
148 61.5 44.7 83.1

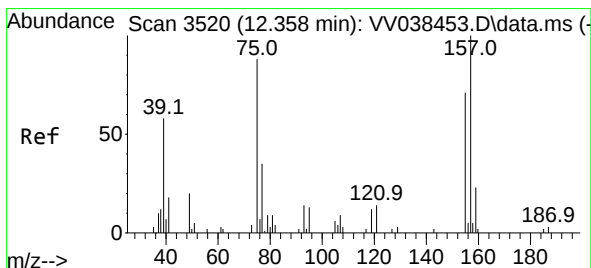
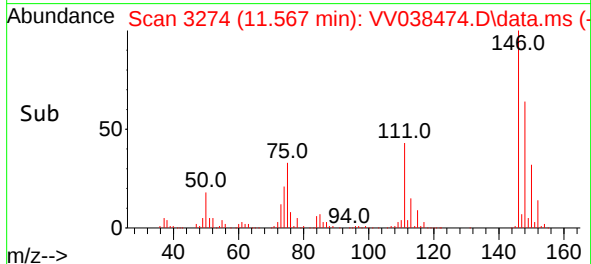
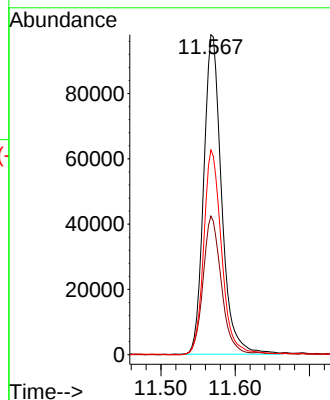
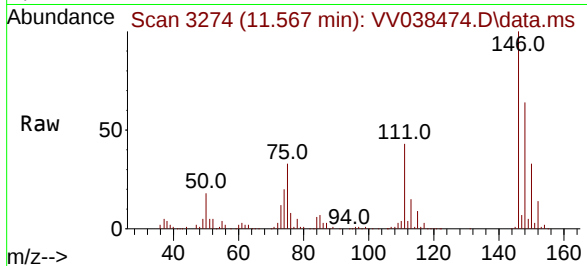




#67
1,2-Dichlorobenzene
Concen: 4.939 ug/L
RT: 11.567 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

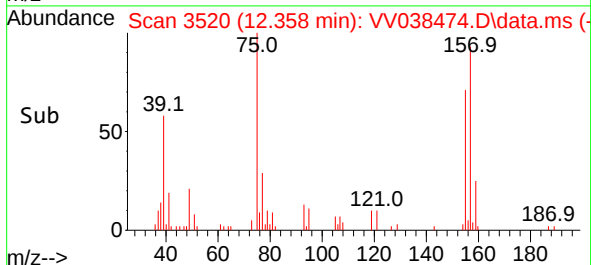
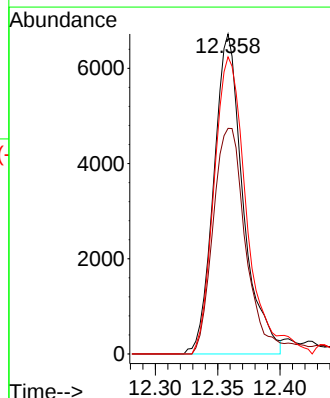
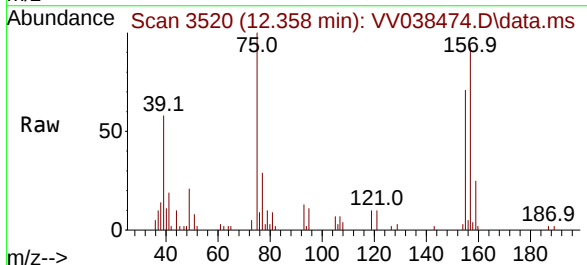
Instrument :
MSVOA_V
ClientSampleId :

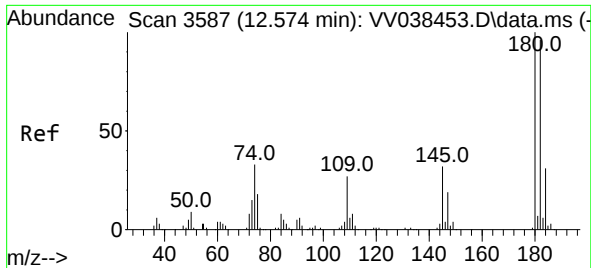
Tgt Ion:146 Resp: 163689
Ion Ratio Lower Upper
146 100
111 43.3 33.4 50.0
148 64.0 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.226 ug/L
RT: 12.358 min Scan# 3520
Delta R.T. 0.000 min
Lab File: VV038474.D
Acq: 21 Jan 2025 10:34

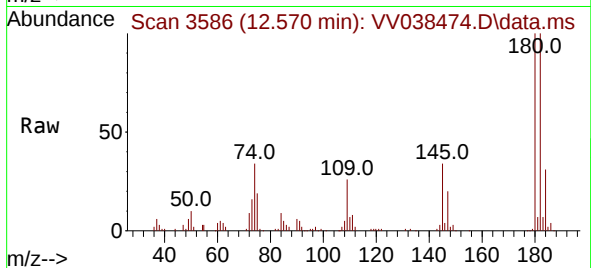
Tgt Ion: 75 Resp: 11002
Ion Ratio Lower Upper
75 100
155 70.5 56.7 85.1
157 92.8 74.4 111.6



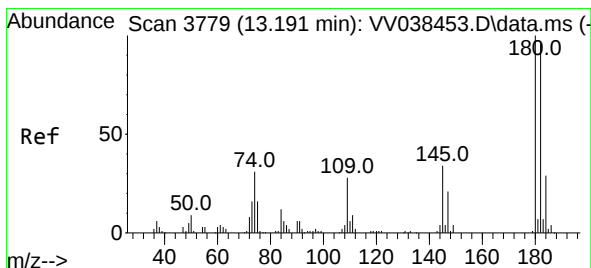
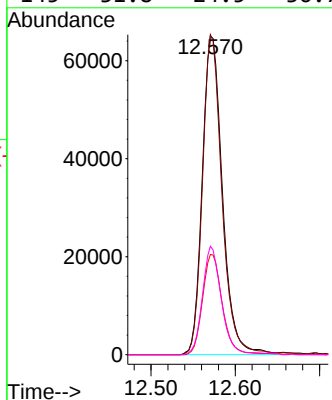
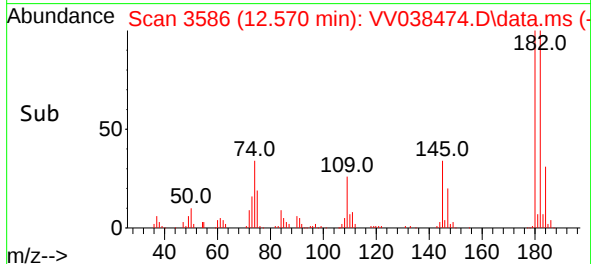


#69
 1,3,5-Trichlorobenzene
 Concen: 4.464 ug/L
 RT: 12.570 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV038474.D
 Acq: 21 Jan 2025 10:34

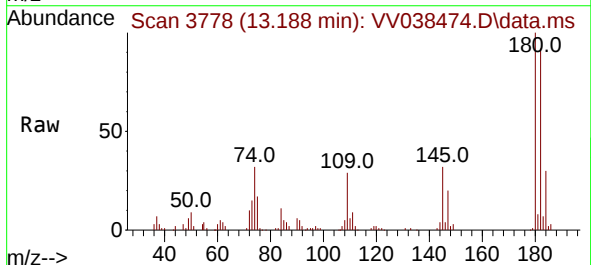
Instrument :
 MSVOA_V
 ClientSampleId :



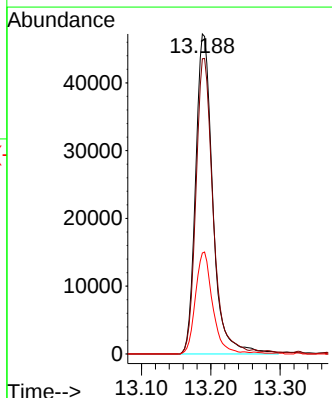
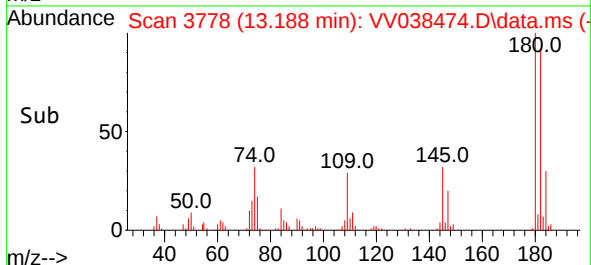
Tgt Ion:180 Resp: 108669
 Ion Ratio Lower Upper
 180 100
 182 96.4 74.3 111.5
 184 30.8 23.2 34.8
 145 31.8 24.5 36.7

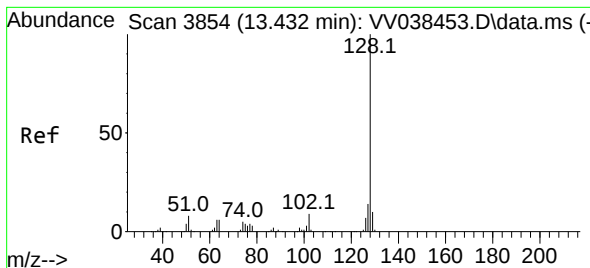


#70
 1,2,4-trichlorobenzene
 Concen: 4.506 ug/L
 RT: 13.188 min Scan# 3778
 Delta R.T. -0.003 min
 Lab File: VV038474.D
 Acq: 21 Jan 2025 10:34



Tgt Ion:180 Resp: 81524
 Ion Ratio Lower Upper
 180 100
 182 91.9 77.5 116.3
 145 31.6 26.2 39.4





#71

Naphthalene

Concen: 4.498 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Instrument :

MSVOA_V

ClientSampleId :

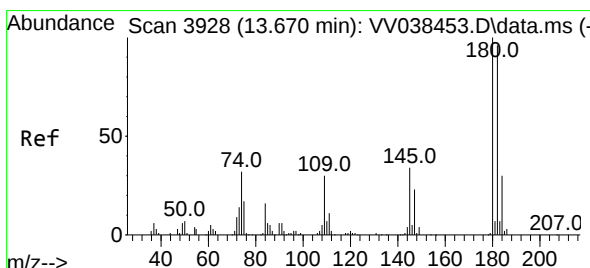
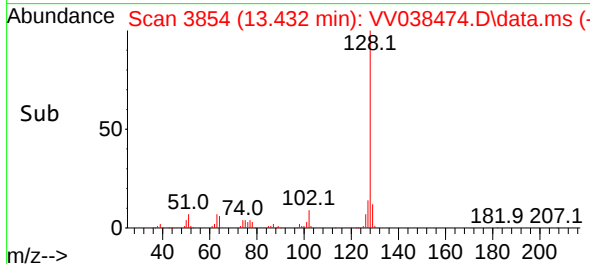
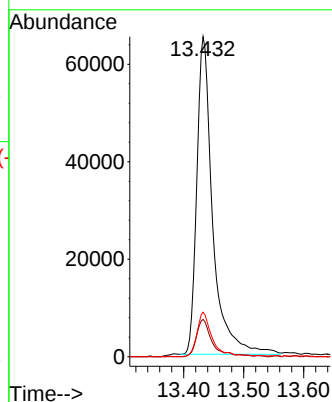
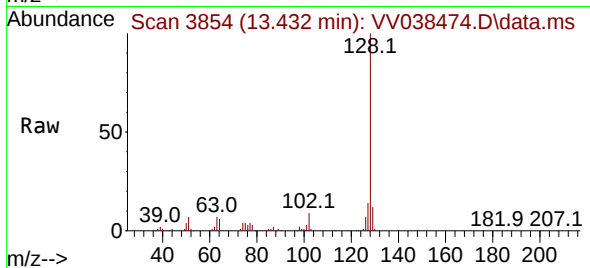
Tgt Ion:128 Resp: 120558

Ion Ratio Lower Upper

128 100

129 11.1 8.3 12.5

127 13.2 11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 4.603 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. 0.000 min

Lab File: VV038474.D

Acq: 21 Jan 2025 10:34

Tgt Ion:180 Resp: 72000

Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.6

145 35.0 27.1 40.7

