

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120524\
 Data File : VV038416.D
 Acq On : 05 Dec 2024 12:26
 Operator : SY/MD
 Sample : P4776-06
 Misc : 5.00g/5mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 01:31:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 01:27:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	484043	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	497440	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	218122	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	183962	45.484	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.960%
7) Chloroethane-d5	1.526	69	155355	45.588	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.180%
11) 1,1-Dichloroethene-d2	2.050	65	83508	48.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.400%
21) 2-Butanone-d5	3.780	46	246361	127.997	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.000%
24) Chloroform-d	4.239	84	357346	48.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.120%
26) 1,2-Dichloroethane-d4	4.934	65	216575	49.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.700%
32) Benzene-d6	4.950	84	695595	48.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.060%
36) 1,2-Dichloropropane-d6	5.979	67	225130	50.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.040%
41) Toluene-d8	7.236	98	579298	44.690	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.380%
43) trans-1,3-Dichloroprop...	7.548	79	96675	44.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.700%
47) 2-Hexanone-d5	8.017	63	149503	109.851	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.850%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	324619	52.083	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.160%
66) 1,2-Dichlorobenzene-d4	11.554	152	228611	54.209	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	9001	2.025	ug/L	98
3) Chloromethane	1.211	50	10039	2.177	ug/L	100
5) Vinyl chloride	1.278	62	10288	2.187	ug/L #	71
6) Bromomethane	1.481	94	5927	2.034	ug/L	91
8) Chloroethane	1.542	64	6697	2.250	ug/L	95
9) Trichlorofluoromethane	1.706	101	13184	2.125	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	9731	2.724	ug/L #	82
12) 1,1-Dichloroethene	2.059	96	9480	2.787	ug/L #	1
13) Acetone	2.108	43	13028	4.908	ug/L	89
14) Carbon disulfide	2.233	76	24486	2.187	ug/L	96
15) Methyl Acetate	2.381	43	8233	2.396	ug/L	94
17) trans-1,2-Dichloroethene	2.696	96	7870	2.122	ug/L	84
18) Methyl tert-butyl Ether	2.699	73	20424	1.906	ug/L	99
19) 1,1-Dichloroethane	3.108	63	14649	2.153	ug/L	96
20) cis-1,2-Dichloroethene	3.815	96	8277	2.122	ug/L	96
23) Bromochloromethane	4.159	128	4539	2.140	ug/L	90
29) Cyclohexane	4.571	56	8822	1.651	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	12479	1.985	ug/L	94
31) Carbon tetrachloride	4.731	117	11167	2.021	ug/L	99

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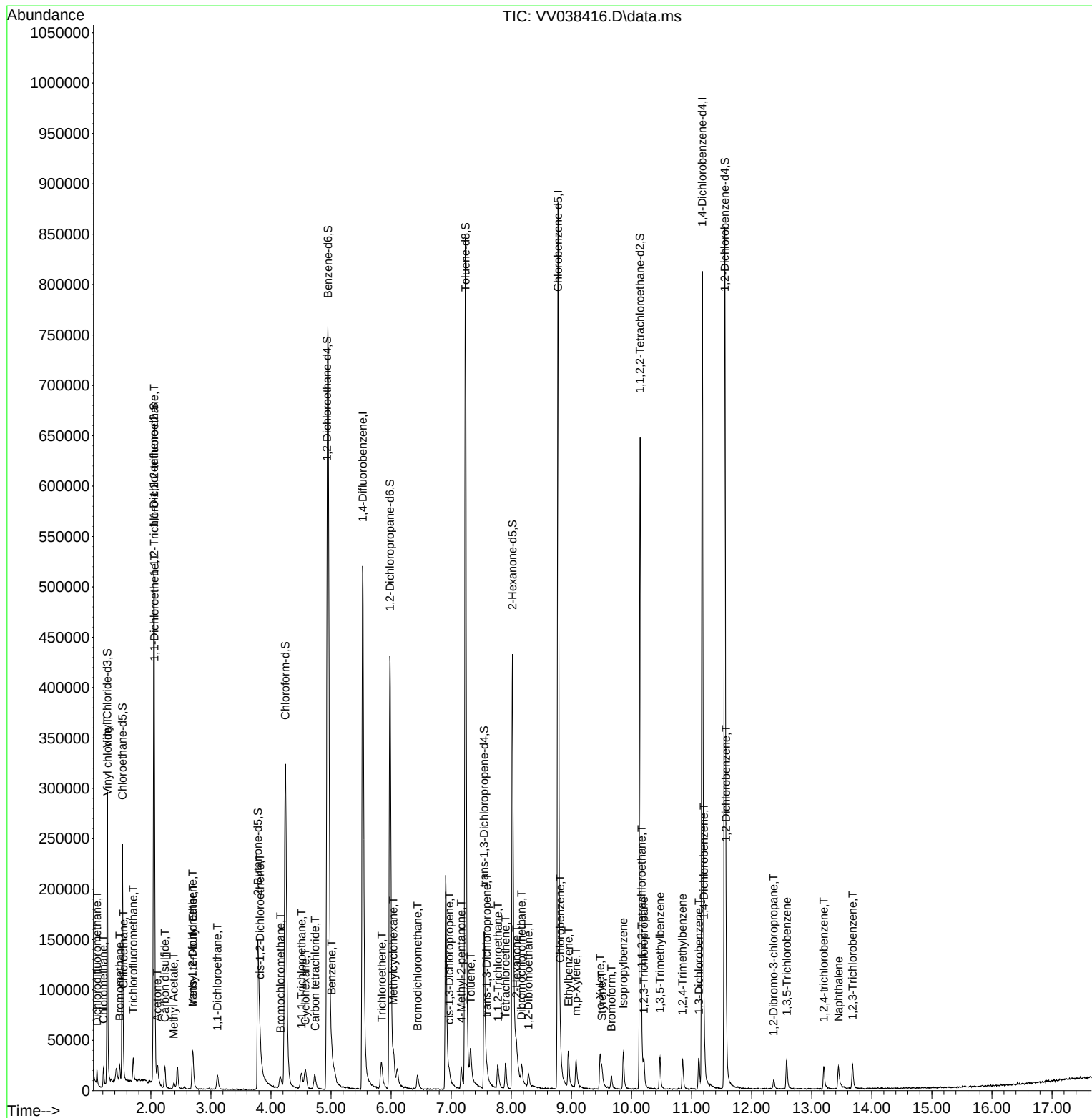
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.008	78	27779	1.850	ug/L	100
34) Trichloroethene	5.847	95	7068	1.762	ug/L	96
35) Methylcyclohexane	6.037	83	9816	1.704	ug/L #	76
38) Bromodichloromethane	6.439	83	11072	2.043	ug/L	93
39) cis-1,3-Dichloropropene	6.966	75	8477	1.399	ug/L	94
40) 4-Methyl-2-pentanone	7.165	43	15110	3.458	ug/L	98
42) Toluene	7.323	91	30823	1.976	ug/L	94
44) trans-1,3-Dichloropropene	7.590	75	7361	1.258	ug/L	90
45) 1,1,2-Trichloroethane	7.776	97	8361	2.064	ug/L	94
46) Tetrachloroethene	7.905	164	5912	1.909	ug/L	94
48) 2-Hexanone	8.088	43	22244	6.102	ug/L #	88
49) Dibromochloromethane	8.172	129	8330	1.994	ug/L	98
50) 1,2-Dibromoethane	8.284	107	8730	2.045	ug/L	85
51) Chlorobenzene	8.812	112	21429	1.999	ug/L	98
52) Ethylbenzene	8.950	91	28291	1.691	ug/L	99
53) m,p-Xylene	9.078	106	8738	1.378	ug/L	99
54) o-Xylene	9.480	106	9321	1.528	ug/L	94
55) Styrene	9.506	104	14121	1.318	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	15120	2.403	ug/L #	97
59) Bromoform	9.667	173	5863	2.500	ug/L	99
60) Isopropylbenzene	9.863	105	23458	1.759	ug/L	96
61) 1,2,3-Trichloropropane	10.204	75	10959	2.886	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	17839	1.667	ug/L	95
63) 1,2,4-Trimethylbenzene	10.850	105	17177	1.633	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	14470	2.113	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	17162	2.358	ug/L	97
67) 1,2-Dichlorobenzene	11.574	146	17859	2.559	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.365	75	2746	2.744	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	9535	2.042	ug/L	97
70) 1,2,4-trichlorobenzene	13.200	180	7959	2.023	ug/L	95
71) Naphthalene	13.445	128	24326	2.281	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	7870	2.039	ug/L	98

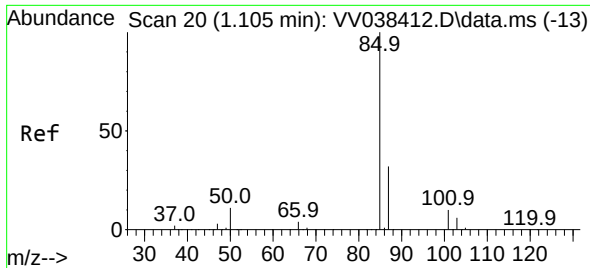
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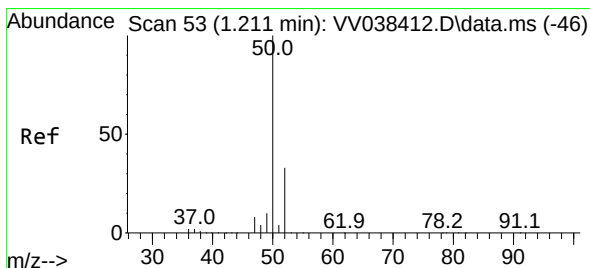
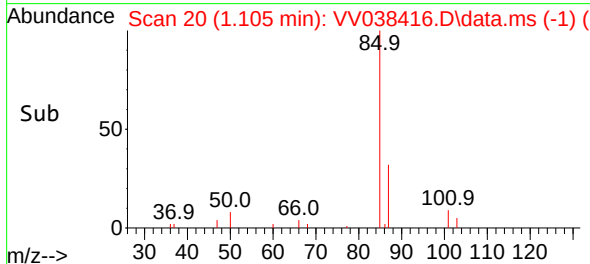
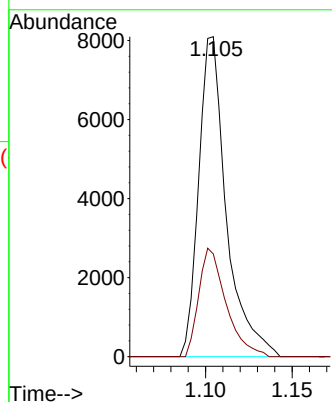
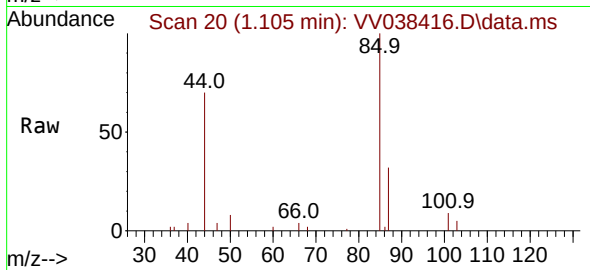




#2
 Dichlorodifluoromethane
 Concen: 2.025 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

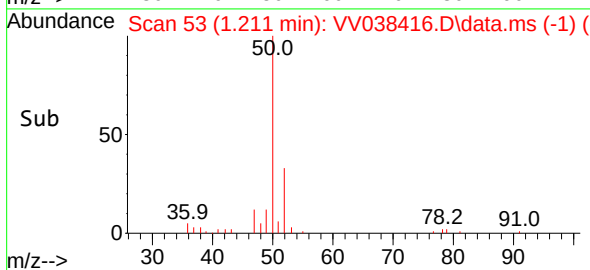
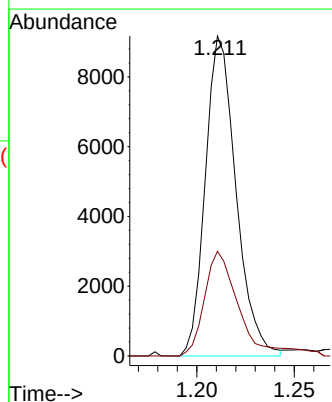
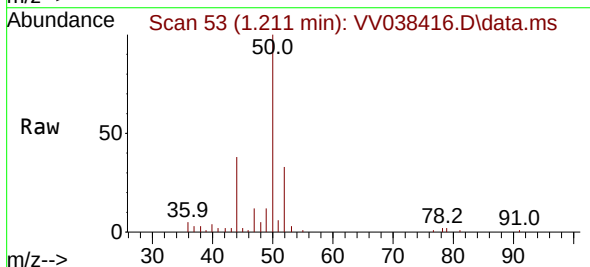
Instrument :
 MSVOA_V
 ClientSampleId :

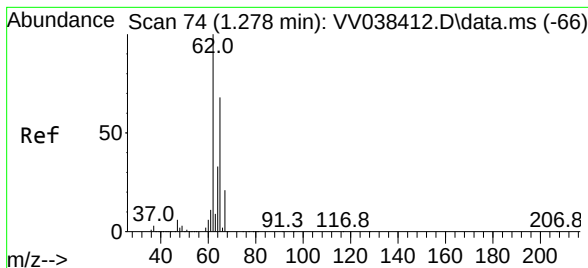
Tgt Ion: 85 Resp: 9001
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.8 38.6



#3
 Chloromethane
 Concen: 2.177 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.000 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

Tgt Ion: 50 Resp: 10039
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.3

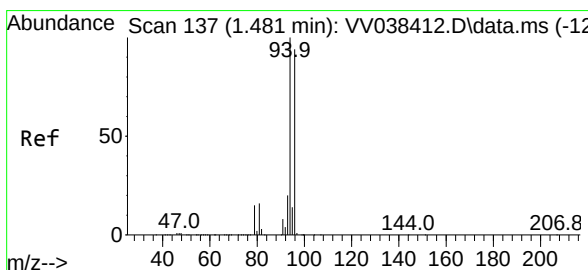
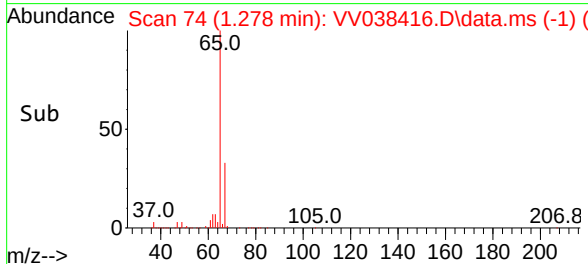
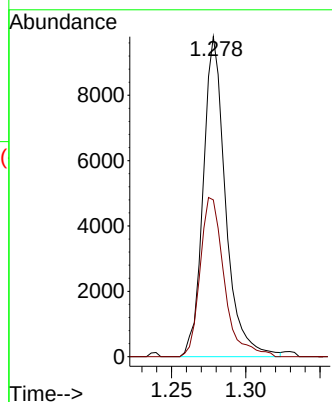
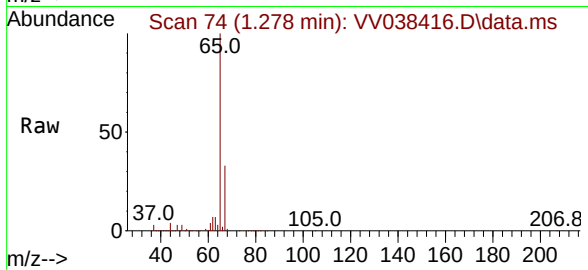




#5
 Vinyl chloride
 Concen: 2.187 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

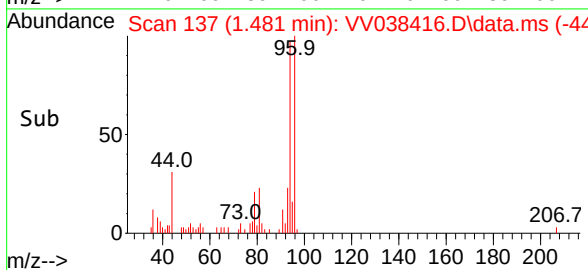
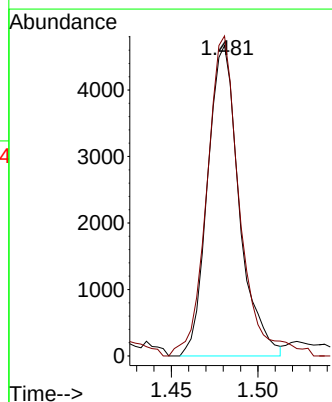
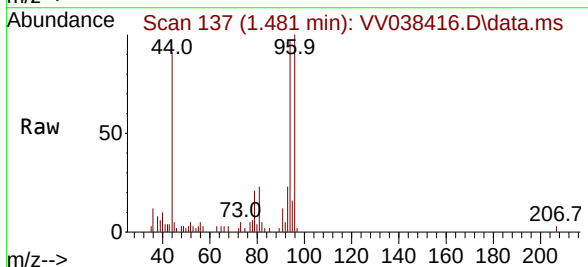
Instrument :
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 ClientSampleId :

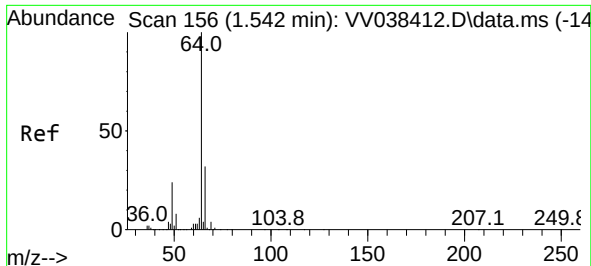
Tgt Ion: 62 Resp: 10288
 Ion Ratio Lower Upper
 62 100
 64 49.0 22.8 42.4#



#6
 Bromomethane
 Concen: 2.034 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.000 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

Tgt Ion: 94 Resp: 5927
 Ion Ratio Lower Upper
 94 100
 96 103.1 66.1 122.8

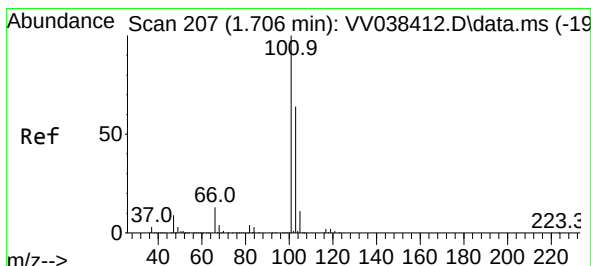
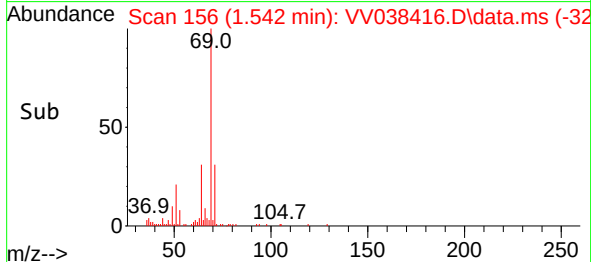
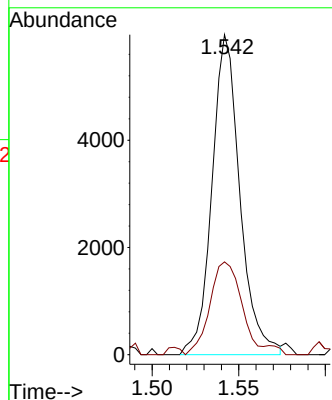
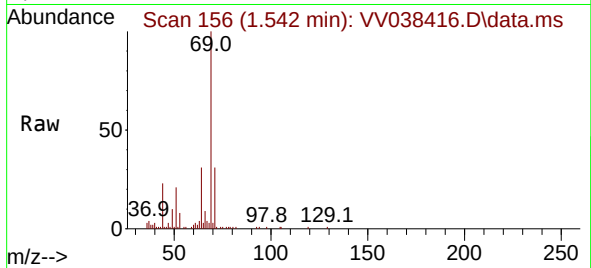




#8
Chloroethane
Concen: 2.250 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

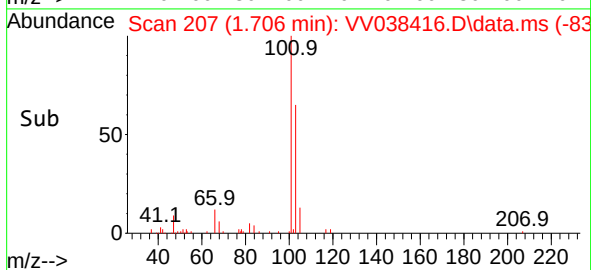
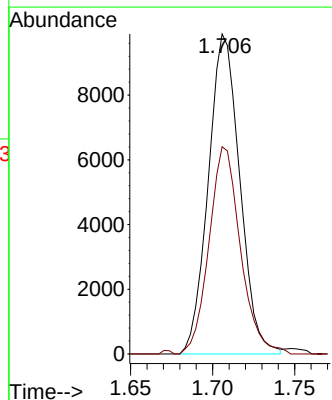
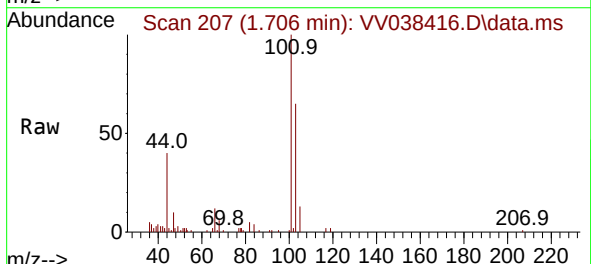
Instrument :
MSVOA_V
ClientSampleId :

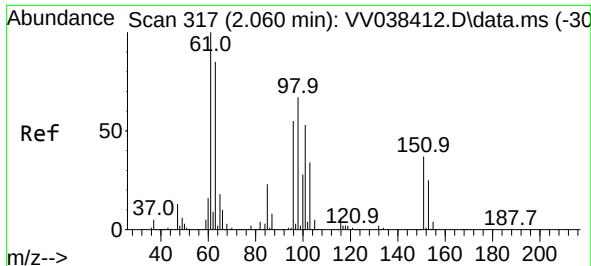
Tgt Ion: 64 Resp: 6697
Ion Ratio Lower Upper
64 100
66 29.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 2.125 ug/L
RT: 1.706 min Scan# 207
Delta R.T. -0.000 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion:101 Resp: 13184
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

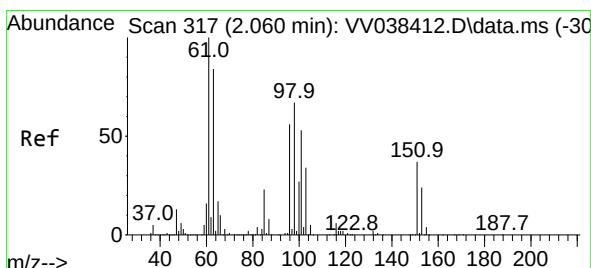
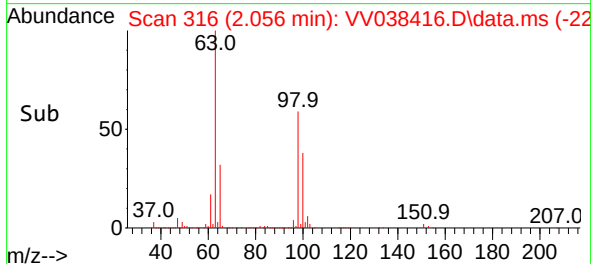
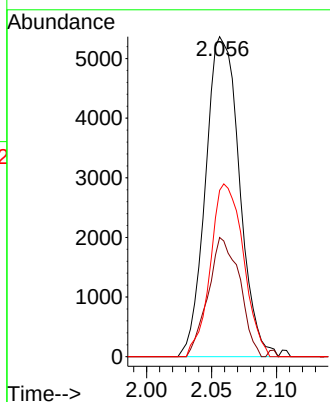
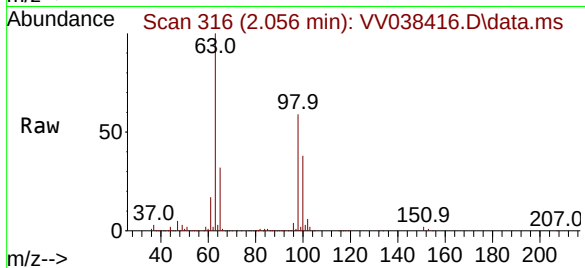




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.724 ug/L
 RT: 2.056 min Scan# 316
 Delta R.T. -0.003 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

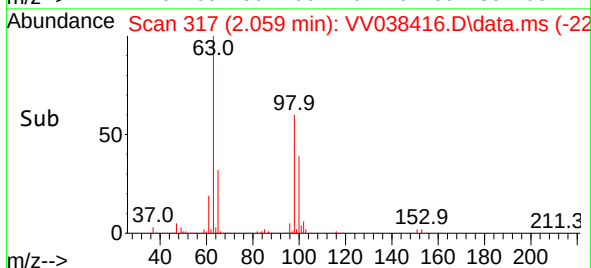
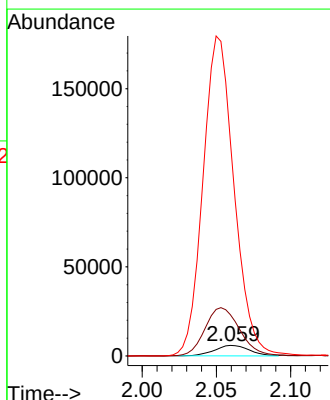
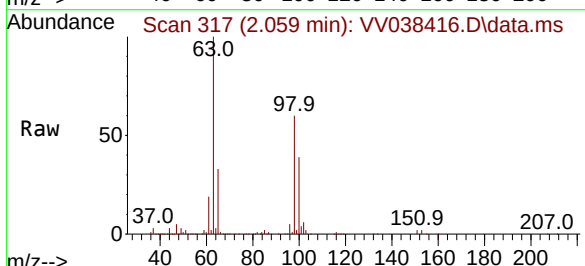
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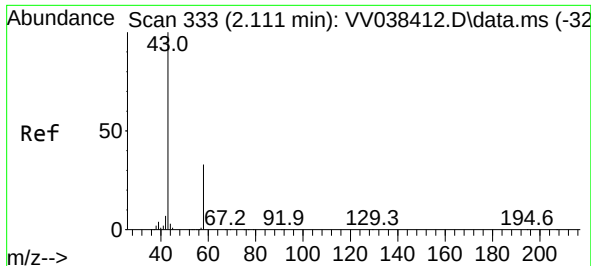
Tgt Ion:101 Resp: 9731
 Ion Ratio Lower Upper
 101 100
 85 34.6 34.7 52.1#
 151 52.6 55.3 82.9#



#12
 1,1-Dichloroethene
 Concen: 2.787 ug/L
 RT: 2.059 min Scan# 317
 Delta R.T. -0.000 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

Tgt Ion: 96 Resp: 9480
 Ion Ratio Lower Upper
 96 100
 61 392.3 120.9 224.5#
 63 2039.1 110.9 205.9#





#13

Acetone

Concen: 4.908 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

Instrument :

MSVOA_V

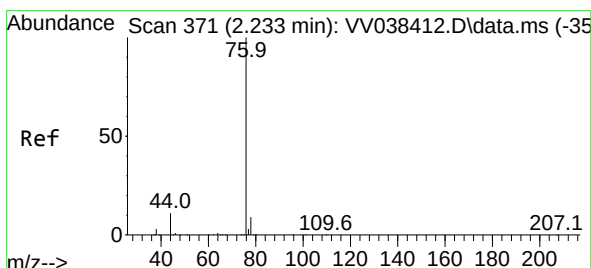
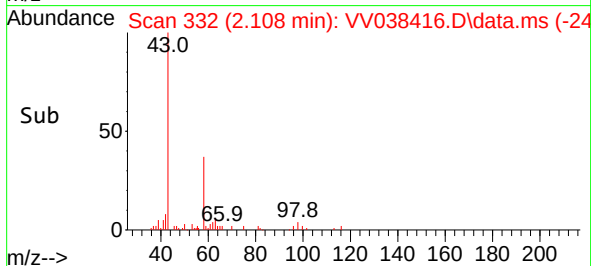
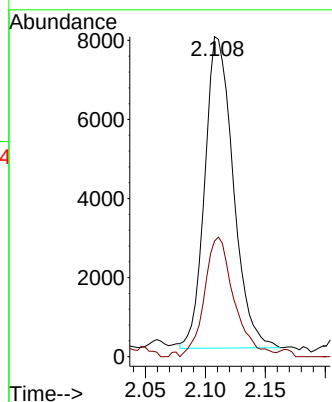
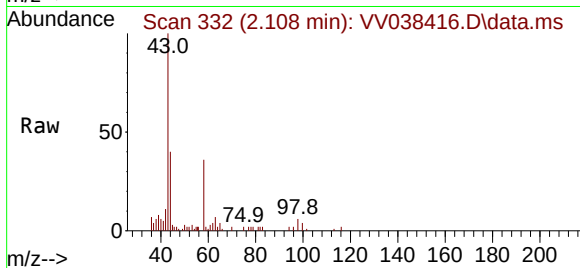
ClientSampleId :

Tgt Ion: 43 Resp: 13028

Ion Ratio Lower Upper

43 100

58 40.0 0.0 67.2



#14

Carbon disulfide

Concen: 2.187 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV038416.D

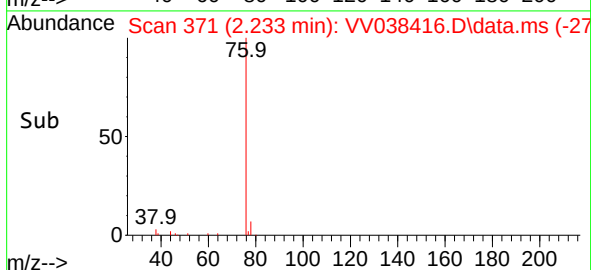
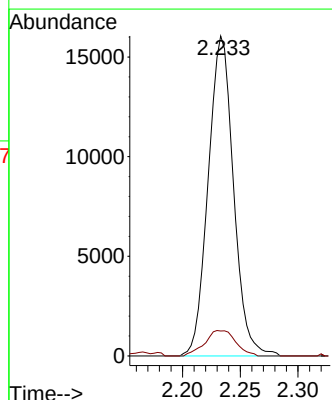
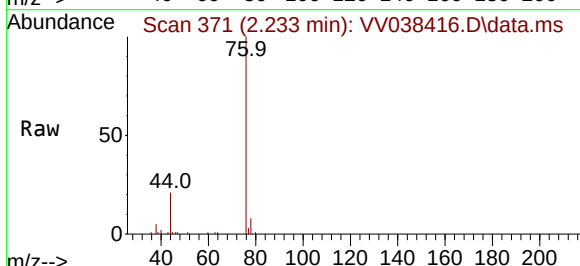
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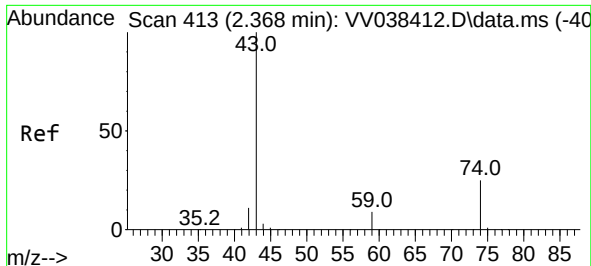
Tgt Ion: 76 Resp: 24486

Ion Ratio Lower Upper

76 100

78 7.8 7.4 11.0

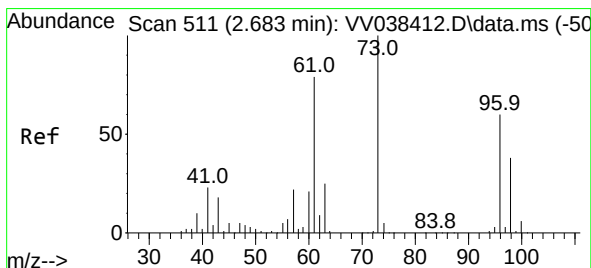
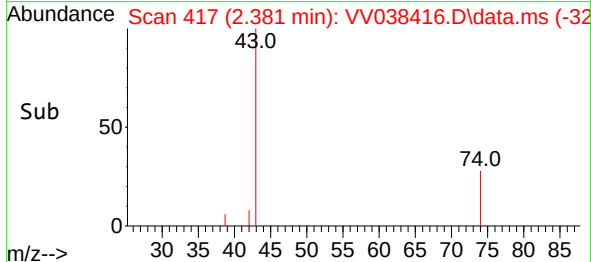
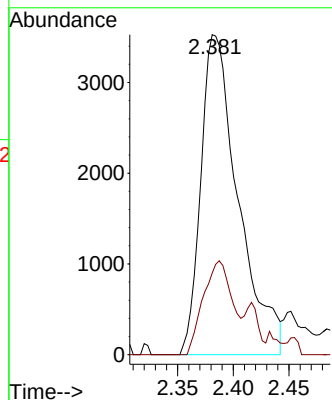
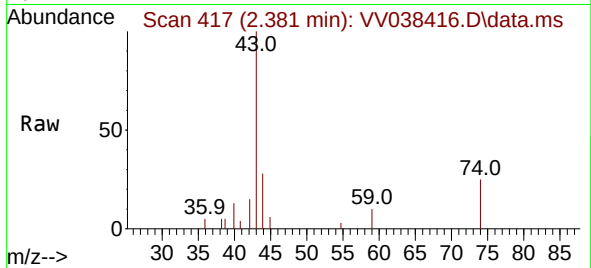




#15
Methyl Acetate
Concen: 2.396 ug/L
RT: 2.381 min Scan# 413
Delta R.T. 0.013 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

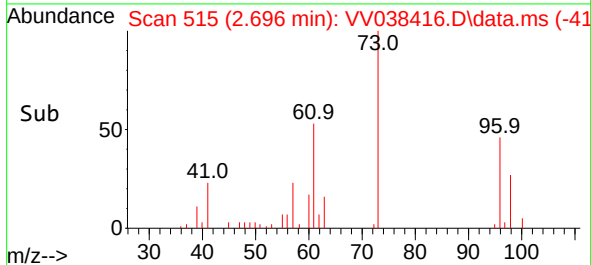
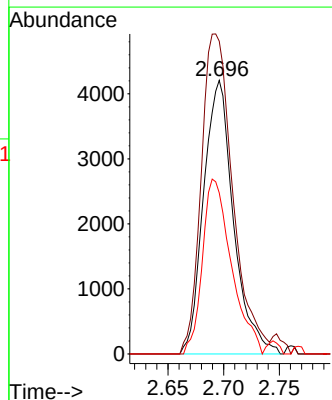
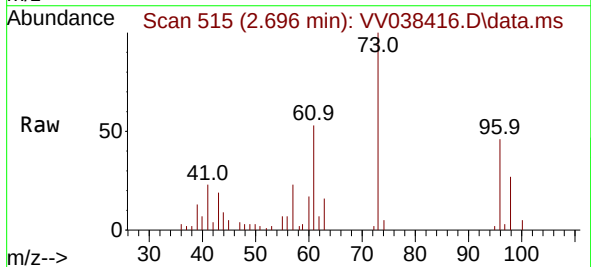
Instrument :
MSVOA_V
ClientSampleId :

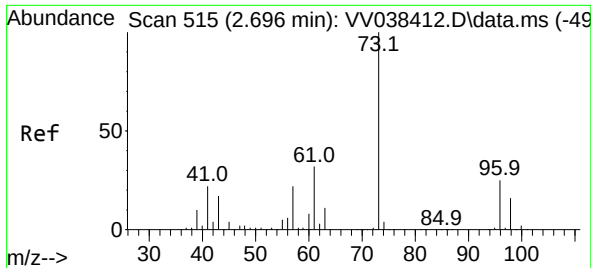
Tgt Ion: 43 Resp: 8233
Ion Ratio Lower Upper
43 100
74 22.7 20.6 31.0



#17
trans-1,2-Dichloroethene
Concen: 2.122 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.013 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion: 96 Resp: 7870
Ion Ratio Lower Upper
96 100
61 114.4 95.7 177.7
98 58.9 46.4 86.2

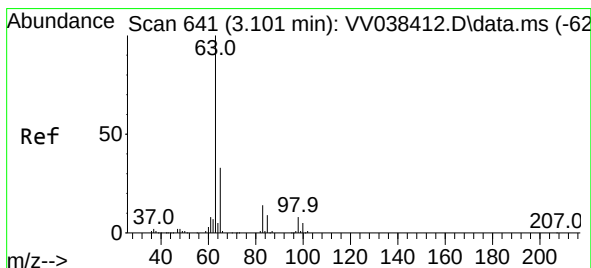
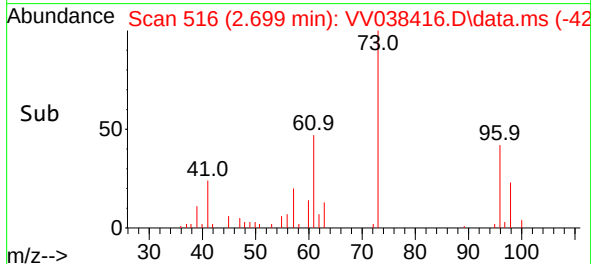
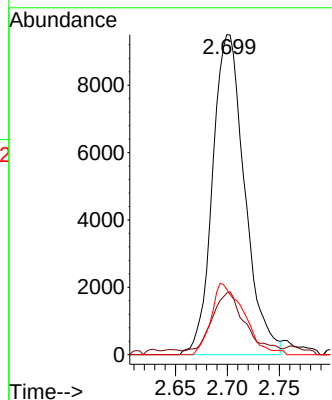
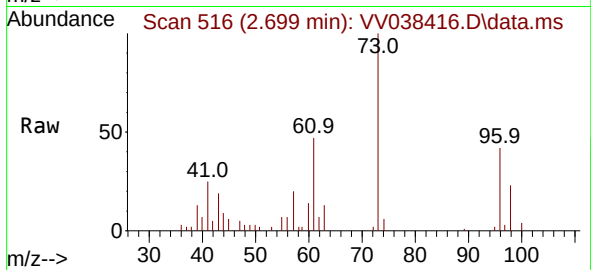




#18
Methyl tert-butyl Ether
Concen: 1.906 ug/L
RT: 2.699 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

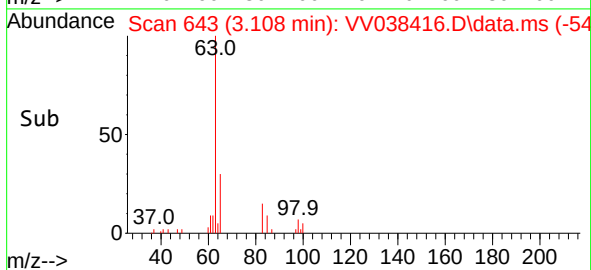
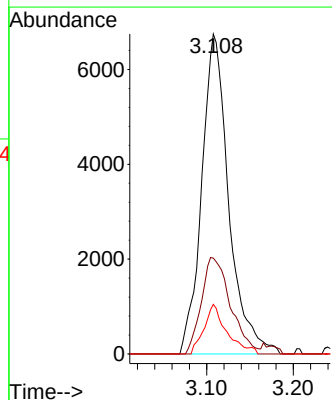
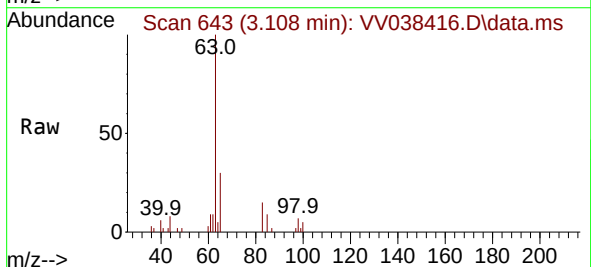
Instrument :
MSVOA_V
ClientSampleId :

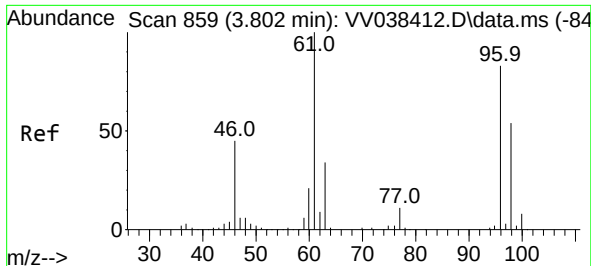
Tgt Ion: 73	Resp:	20424
Ion	Ratio	Lower Upper
73	100	
43	19.1	14.7 22.1
57	22.3	17.7 26.5



#19
1,1-Dichloroethane
Concen: 2.153 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion: 63	Resp:	14649
Ion	Ratio	Lower Upper
63	100	
65	29.9	22.6 42.0
83	15.5	9.8 18.2

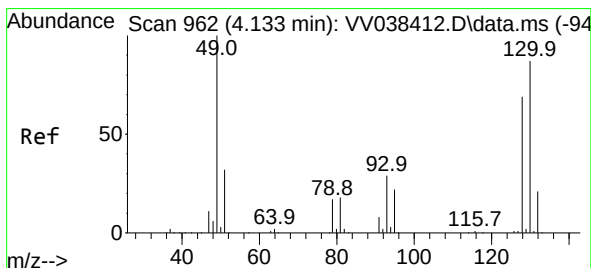
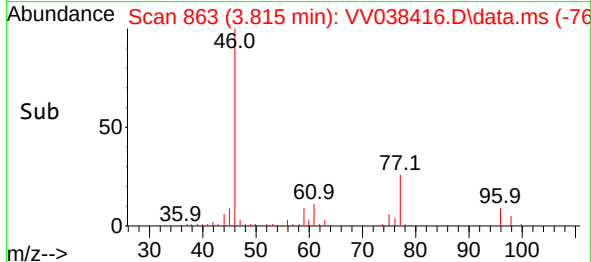
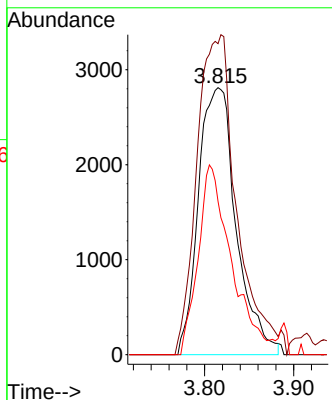
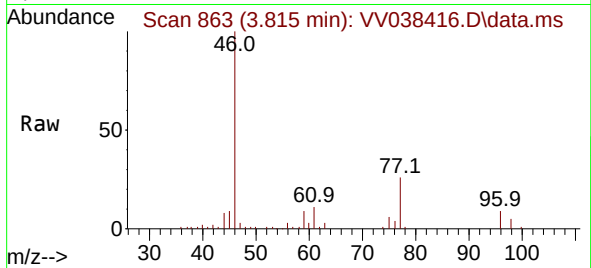




#20
 cis-1,2-Dichloroethene
 Concen: 2.122 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. 0.013 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

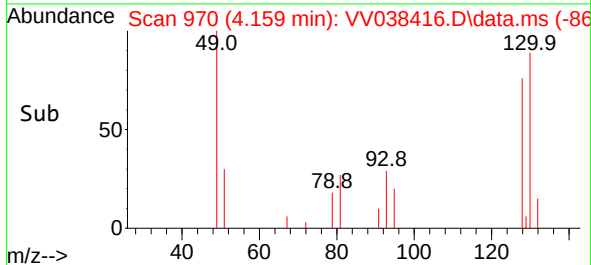
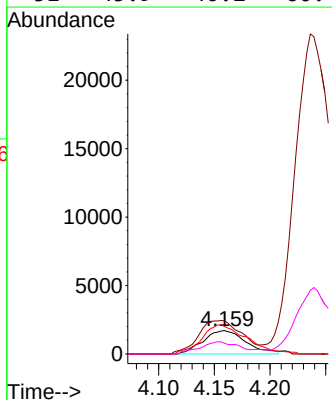
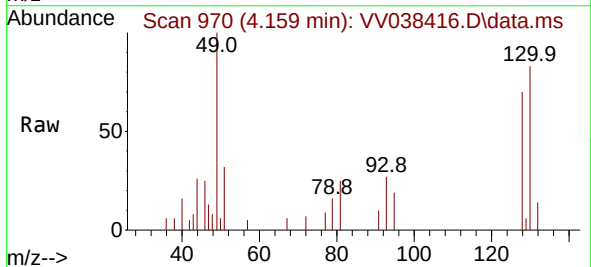
Instrument :
 MSVOA_V
 ClientSampleId :

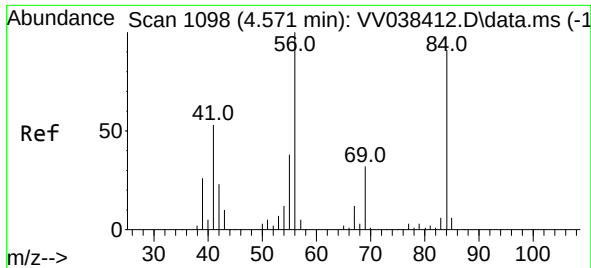
Tgt Ion: 96 Resp: 8277
 Ion Ratio Lower Upper
 96 100
 61 116.5 83.5 155.1
 98 57.4 44.6 82.8



#23
 Bromochloromethane
 Concen: 2.140 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. 0.026 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

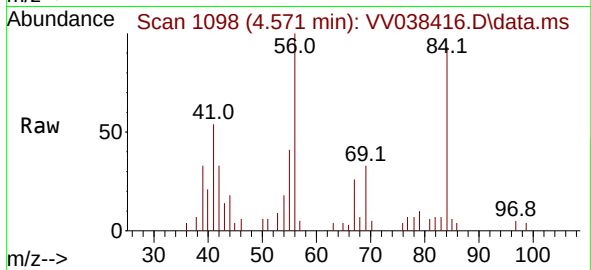
Tgt Ion: 128 Resp: 4539
 Ion Ratio Lower Upper
 128 100
 49 142.0 106.7 198.3
 130 118.2 93.2 173.2
 51 45.9 40.2 60.4



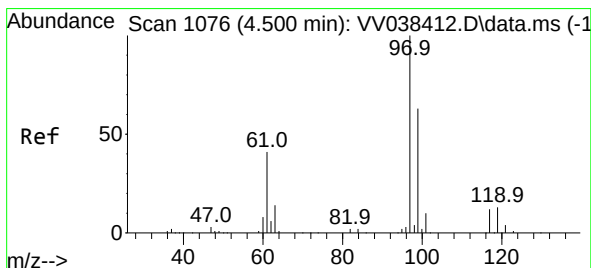
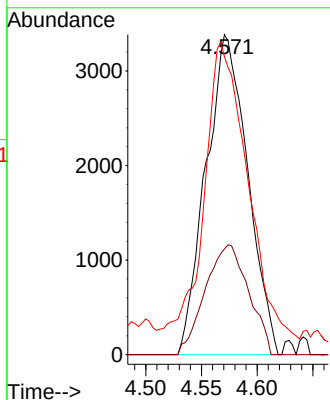
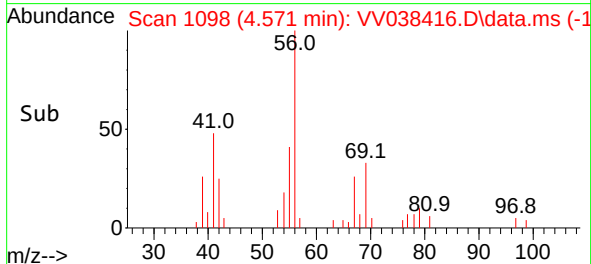


#29
Cyclohexane
Concen: 1.651 ug/L
RT: 4.571 min Scan# 1098
Delta R.T. -0.000 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

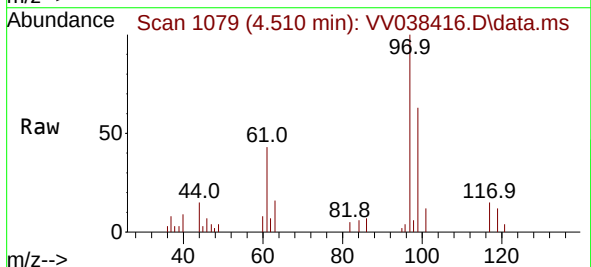
Instrument :
MSVOA_V
ClientSampleId :



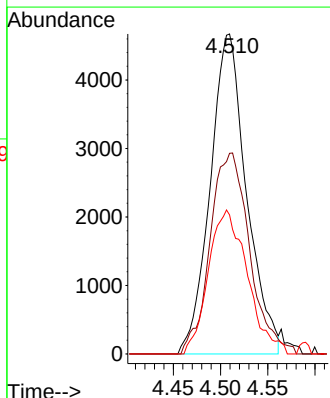
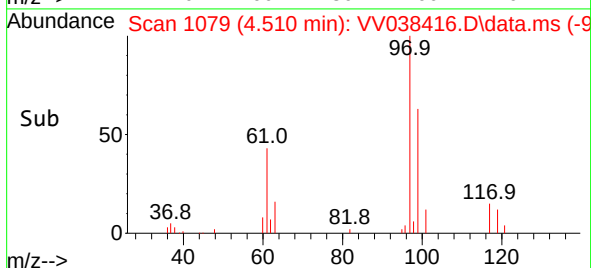
Tgt Ion:	56	Resp:	8822
Ion	Ratio	Lower	Upper
56	100		
69	35.6	24.8	37.2
84	94.4	73.7	110.5

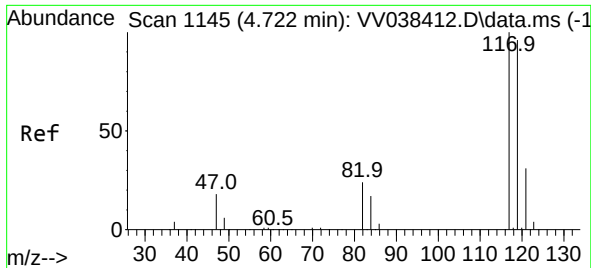


#30
1,1,1-Trichloroethane
Concen: 1.985 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26



Tgt Ion:	97	Resp:	12479
Ion	Ratio	Lower	Upper
97	100		
99	68.4	52.3	78.5
61	47.6	33.6	50.4

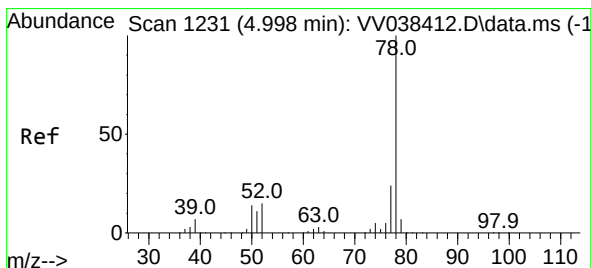
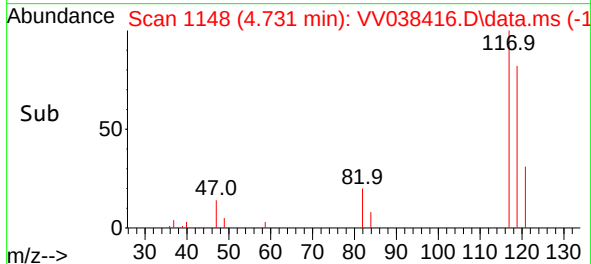
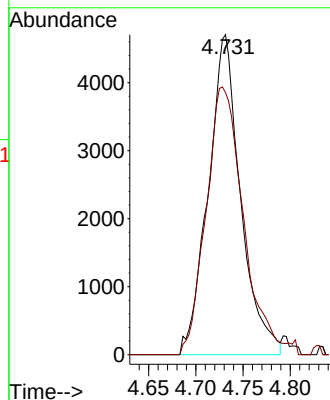
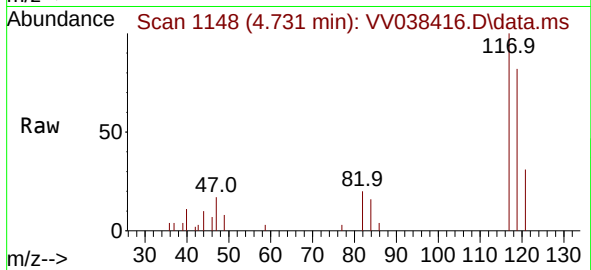




#31
Carbon tetrachloride
Concen: 2.021 ug/L
RT: 4.731 min Scan# 1145
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

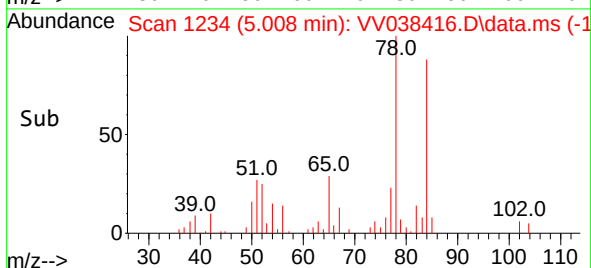
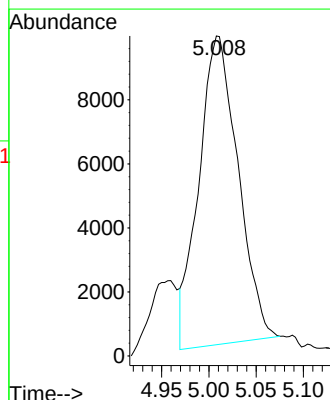
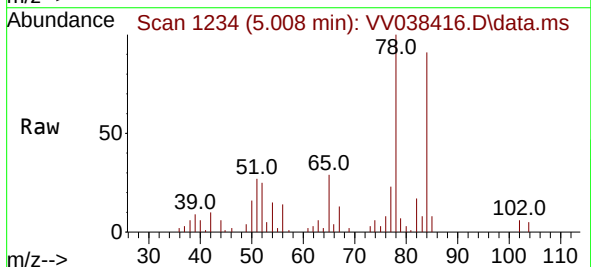
Instrument :
MSVOA_V
ClientSampleId :

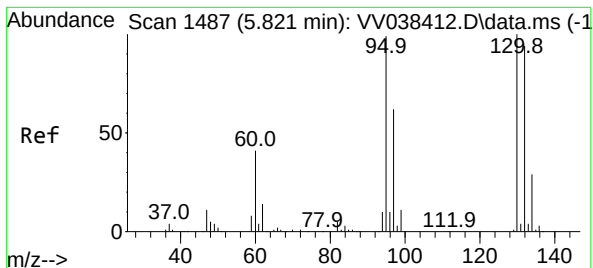
Tgt Ion:117 Resp: 11167
Ion Ratio Lower Upper
117 100
119 96.0 77.7 116.5



#33
Benzene
Concen: 1.850 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion: 78 Resp: 27779





#34

Trichloroethene

Concen: 1.762 ug/L

RT: 5.847 min Scan# 1487

Delta R.T. 0.026 min

Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 7068

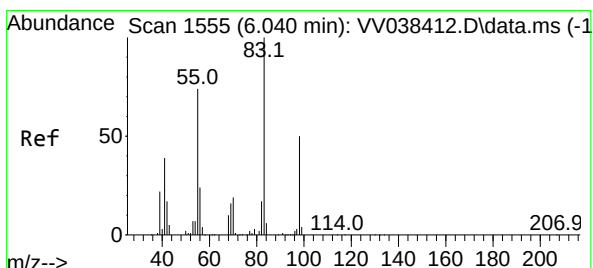
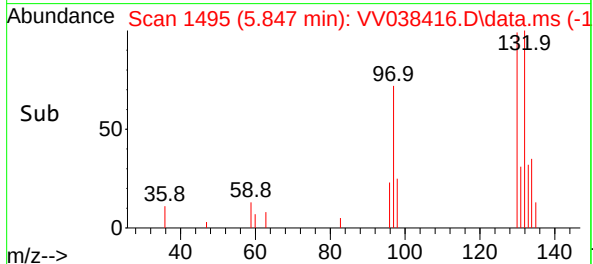
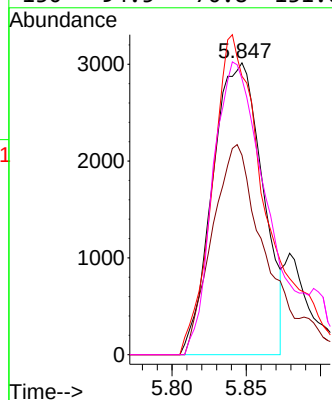
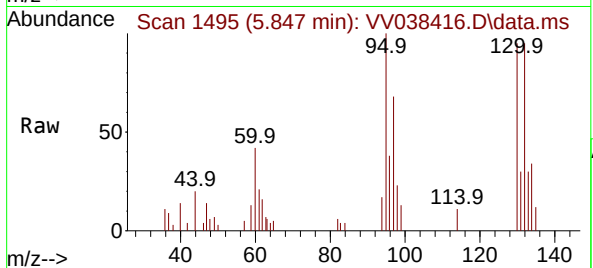
Ion Ratio Lower Upper

95 100

97 68.4 45.6 84.8

132 95.4 67.6 125.6

130 94.5 70.8 131.6



#35

Methylcyclohexane

Concen: 1.704 ug/L

RT: 6.037 min Scan# 1554

Delta R.T. -0.003 min

Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

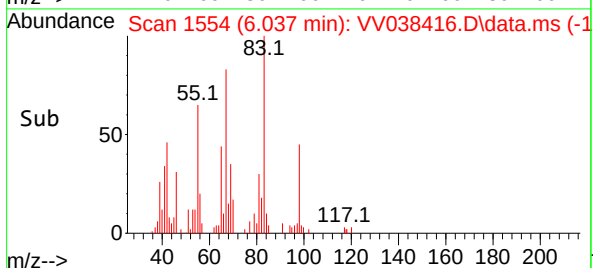
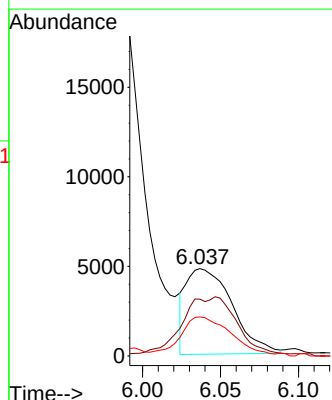
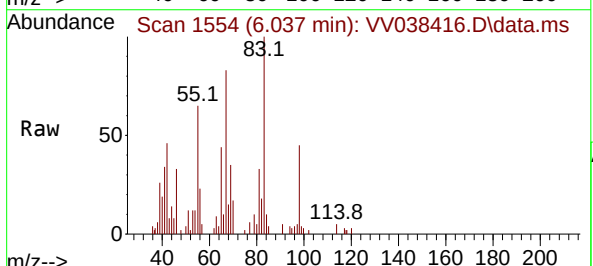
Tgt Ion: 83 Resp: 9816

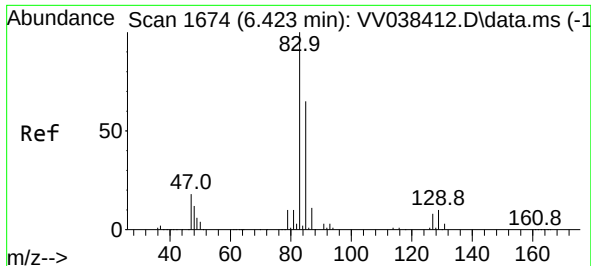
Ion Ratio Lower Upper

83 100

55 40.1 59.0 88.6

98 50.4 39.5 59.3

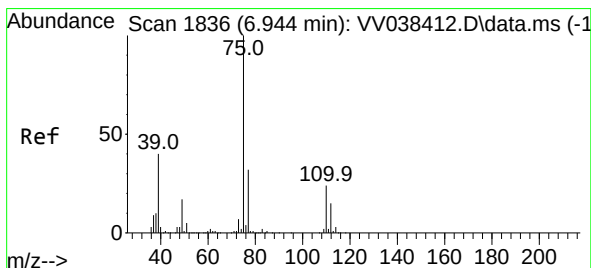
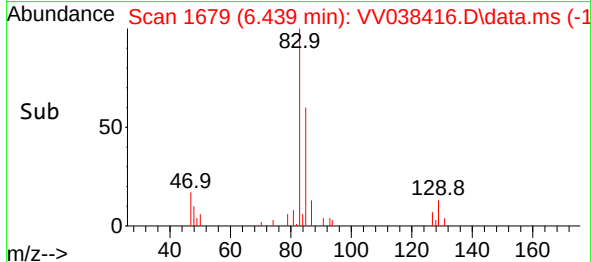
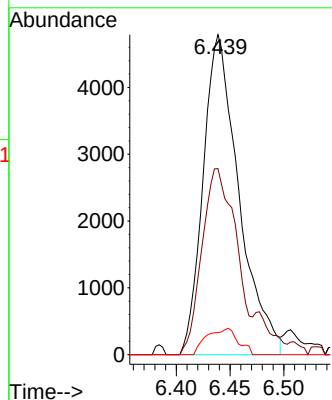
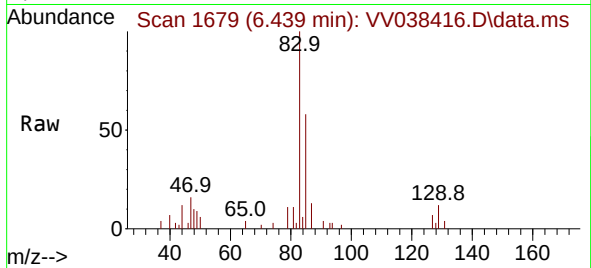




#38
Bromodichloromethane
Concen: 2.043 ug/L
RT: 6.439 min Scan# 11072
Delta R.T. 0.016 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

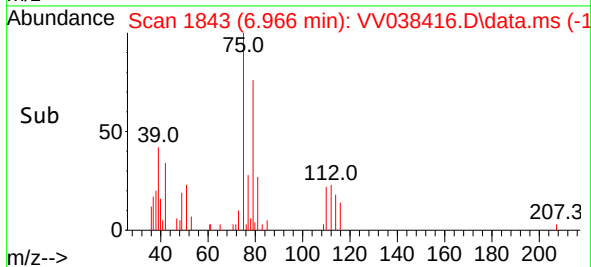
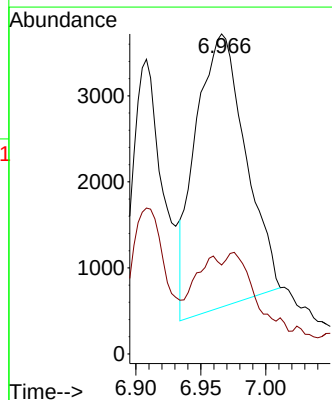
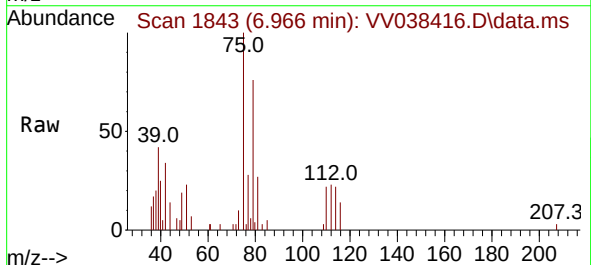
Instrument :
MSVOA_V
ClientSampleId :

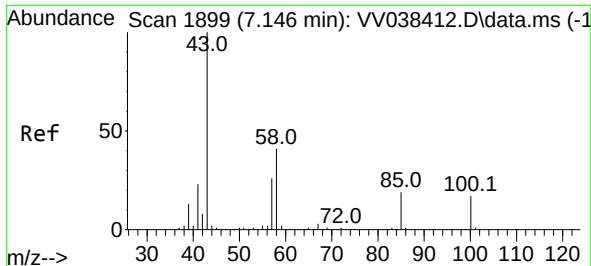
Tgt Ion: 83 Resp: 11072
Ion Ratio Lower Upper
83 100
85 58.2 44.9 83.5
127 6.9 6.8 10.2



#39
cis-1,3-Dichloropropene
Concen: 1.399 ug/L
RT: 6.966 min Scan# 1843
Delta R.T. 0.022 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion: 75 Resp: 8477
Ion Ratio Lower Upper
75 100
77 27.8 21.9 40.7





#40

4-Methyl-2-pentanone

Concen: 3.458 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.019 min

Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

Instrument :

MSVOA_V

ClientSampleId :

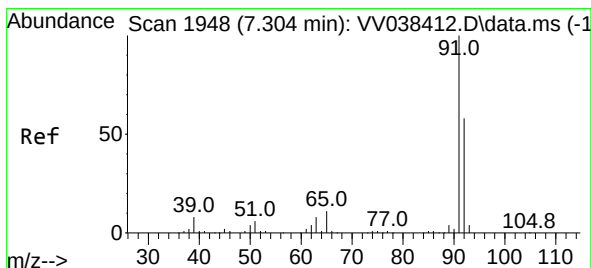
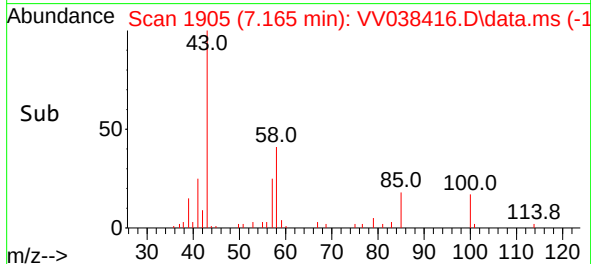
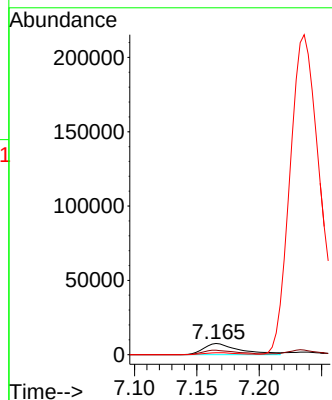
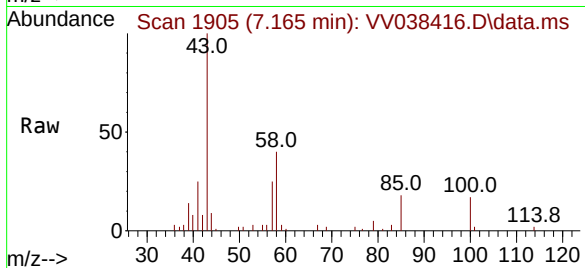
Tgt Ion: 43 Resp: 15110

Ion Ratio Lower Upper

43 100

58 39.5 32.7 49.1

100 16.9 13.7 20.5



#42

Toluene

Concen: 1.976 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.019 min

Lab File: VV038416.D

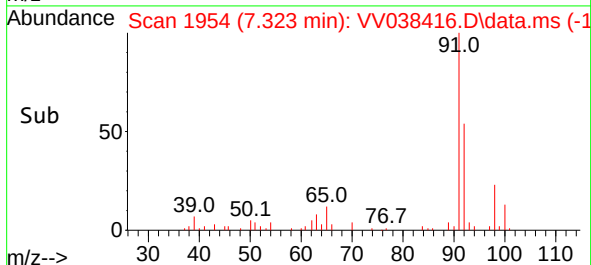
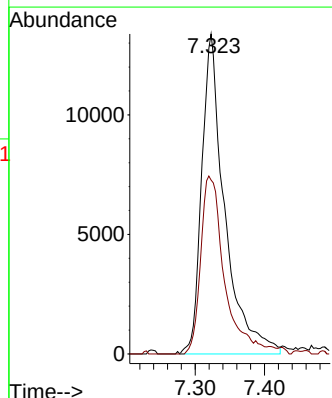
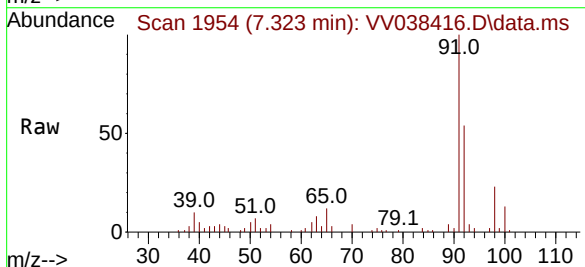
Acq: 05 Dec 2024 12:26

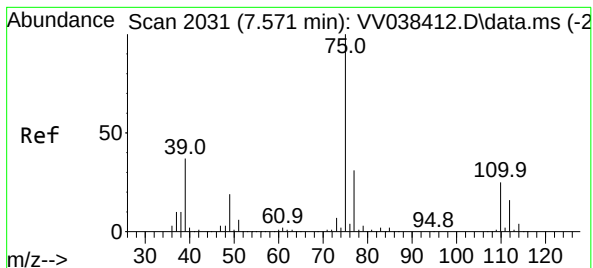
Tgt Ion: 91 Resp: 30823

Ion Ratio Lower Upper

91 100

92 54.4 41.2 76.4





#44

trans-1,3-Dichloropropene

Concen: 1.258 ug/L

RT: 7.590 min Scan# 2031

Delta R.T. 0.019 min

Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

Instrument :

MSVOA_V

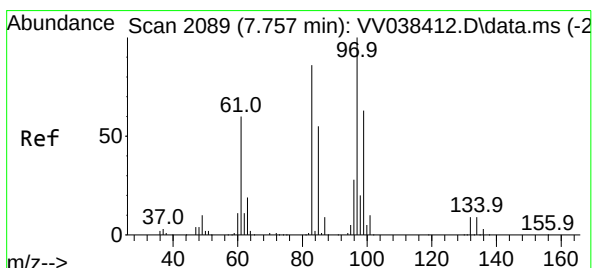
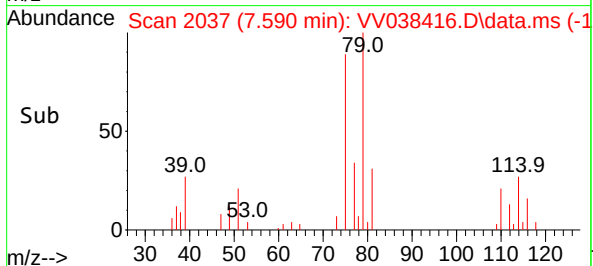
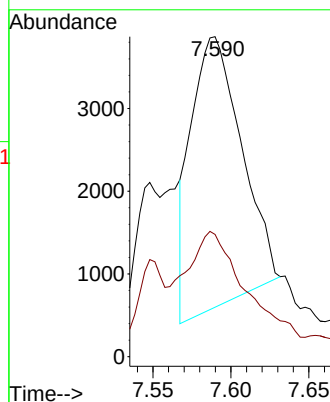
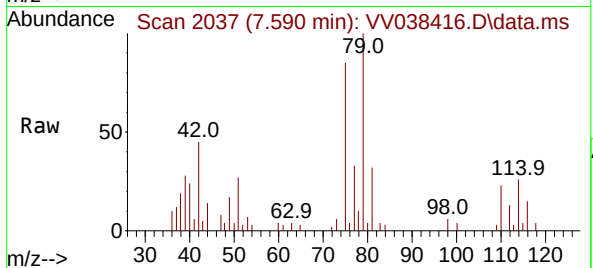
ClientSampleId :

Tgt Ion: 75 Resp: 7361

Ion Ratio Lower Upper

75 100

77 38.2 22.7 42.1



#45

1,1,2-Trichloroethane

Concen: 2.064 ug/L

RT: 7.776 min Scan# 2095

Delta R.T. 0.019 min

Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

Tgt Ion: 97 Resp: 8361

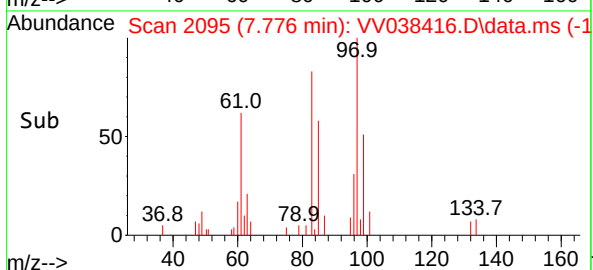
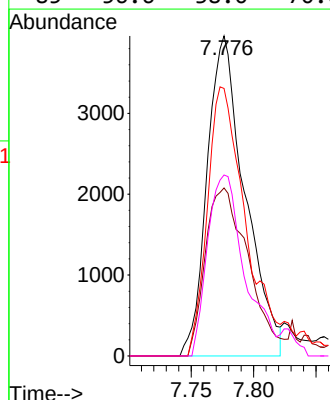
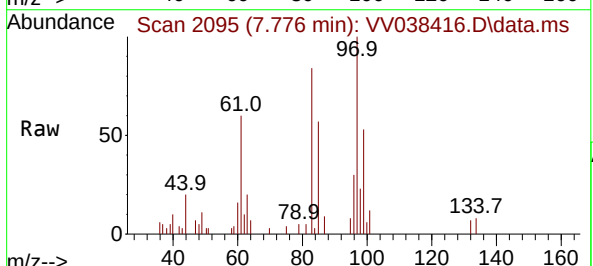
Ion Ratio Lower Upper

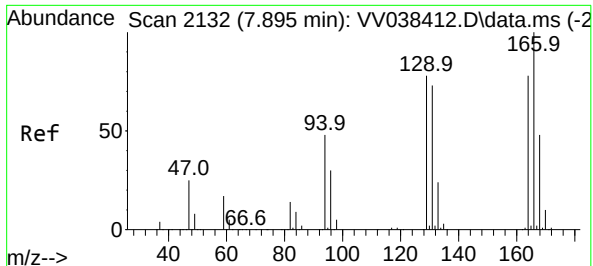
97 100

99 52.5 43.6 81.0

83 83.6 60.5 112.5

85 56.6 38.0 70.6





#46

Tetrachloroethene

Concen: 1.909 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.010 min

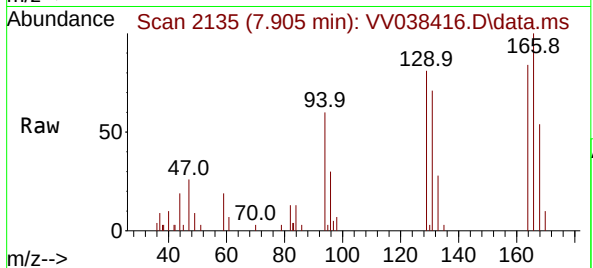
Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 5912

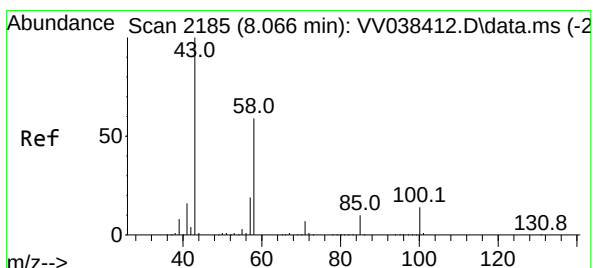
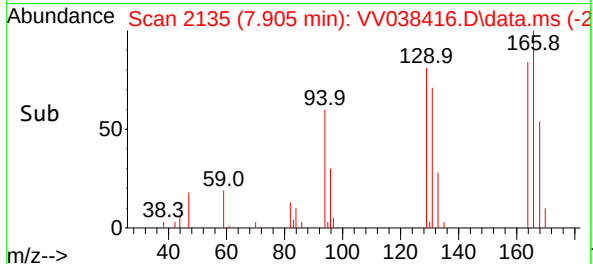
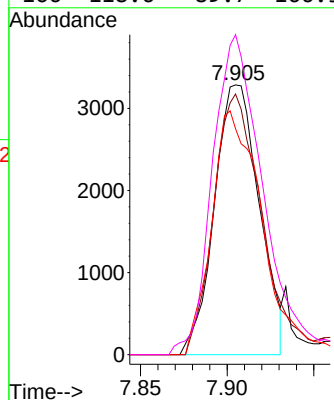
Ion Ratio Lower Upper

164 100

129 96.6 69.2 128.4

131 83.8 63.1 117.3

166 118.6 89.7 166.5



#48

2-Hexanone

Concen: 6.102 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.022 min

Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

Tgt Ion: 43 Resp: 22244

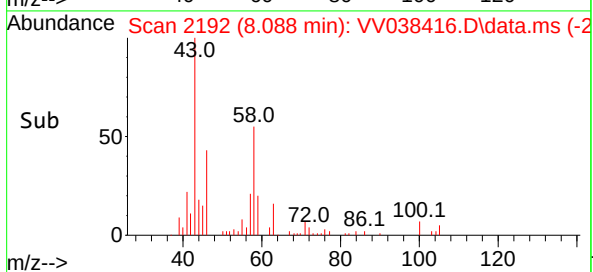
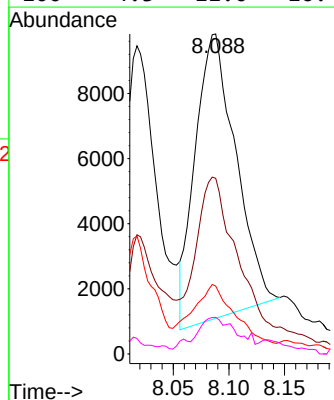
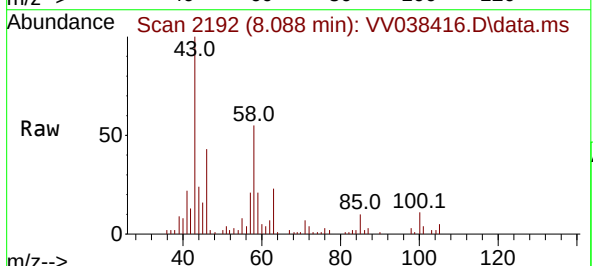
Ion Ratio Lower Upper

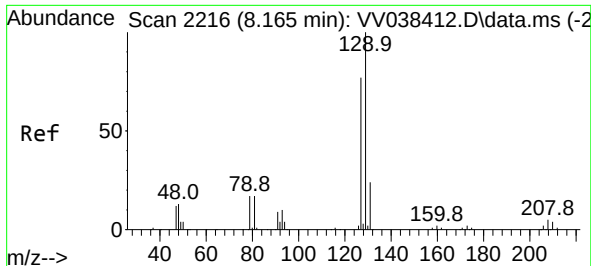
43 100

58 53.1 48.0 72.0

57 25.3 15.5 23.3#

100 4.3 11.0 16.4#





#49

Dibromochloromethane

Concen: 1.994 ug/L

RT: 8.172 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

Instrument :

MSVOA_V

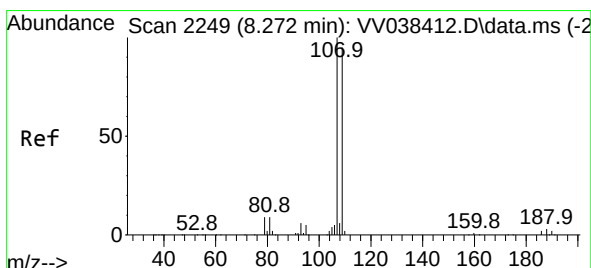
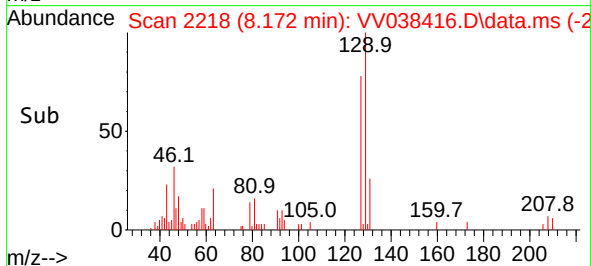
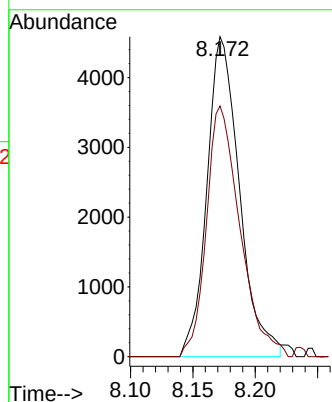
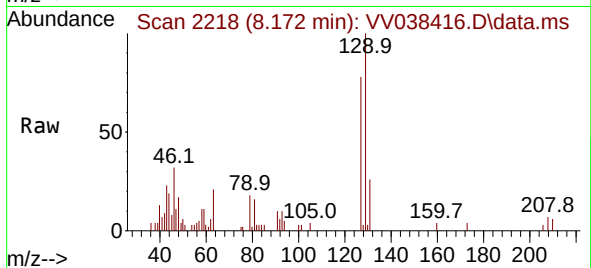
ClientSampleId :

Tgt Ion:129 Resp: 8330

Ion Ratio Lower Upper

129 100

127 78.3 53.8 100.0



#50

1,2-Dibromoethane

Concen: 2.045 ug/L

RT: 8.284 min Scan# 2253

Delta R.T. 0.013 min

Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

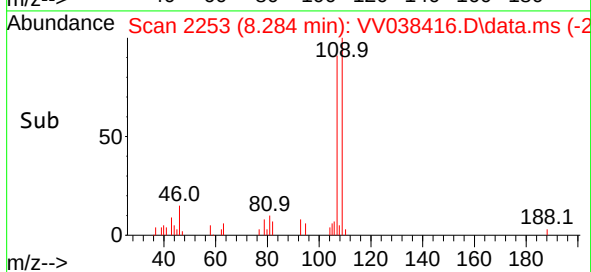
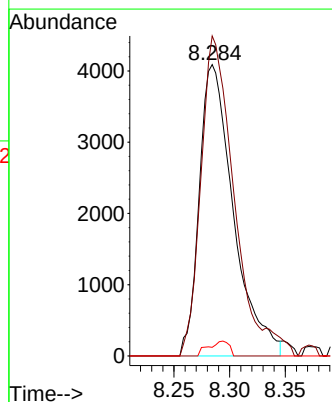
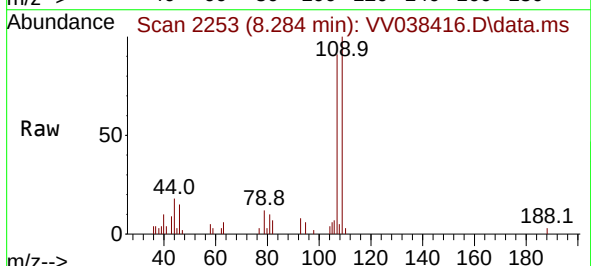
Tgt Ion:107 Resp: 8730

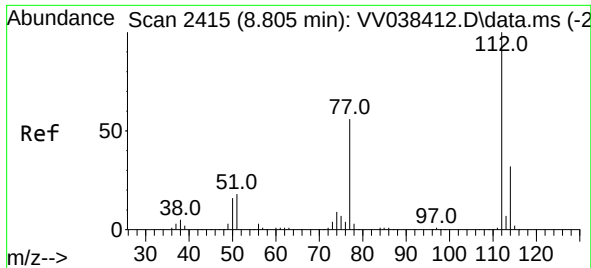
Ion Ratio Lower Upper

107 100

109 109.8 66.1 122.7

188 3.0 2.6 3.8

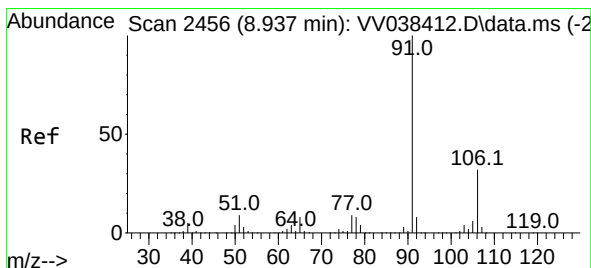
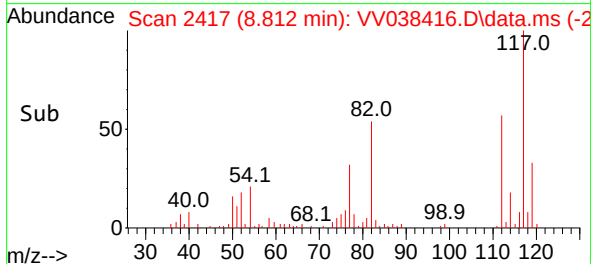
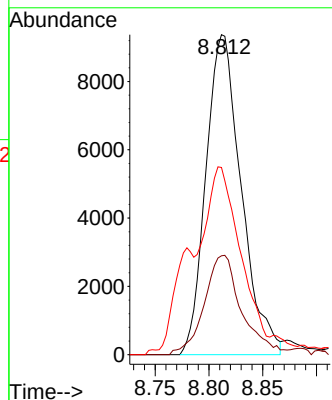
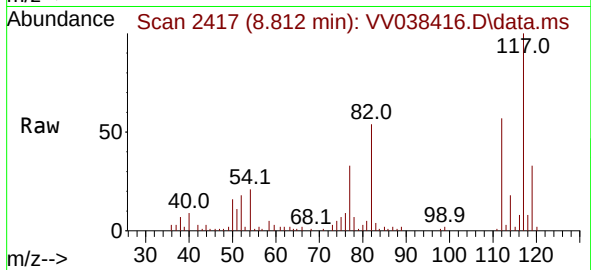




#51
Chlorobenzene
Concen: 1.999 ug/L
RT: 8.812 min Scan# 2415
Delta R.T. 0.006 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

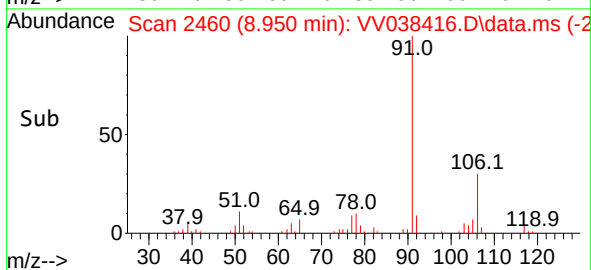
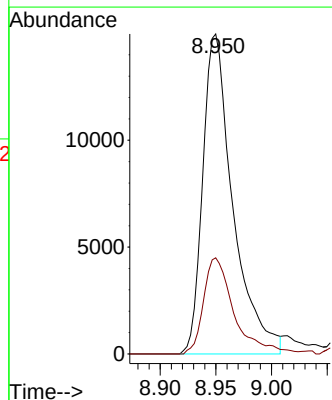
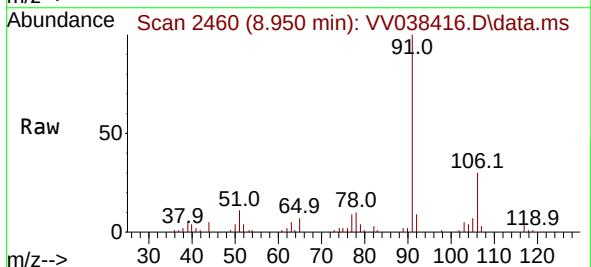
Instrument :
MSVOA_V
ClientSampleId :

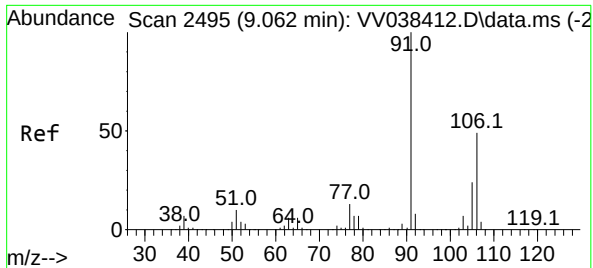
Tgt Ion:112 Resp: 21429
Ion Ratio Lower Upper
112 100
114 30.9 21.9 40.7
77 58.5 45.4 68.0



#52
Ethylbenzene
Concen: 1.691 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.013 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion: 91 Resp: 28291
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.0

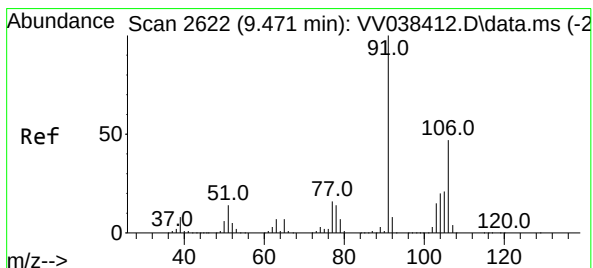
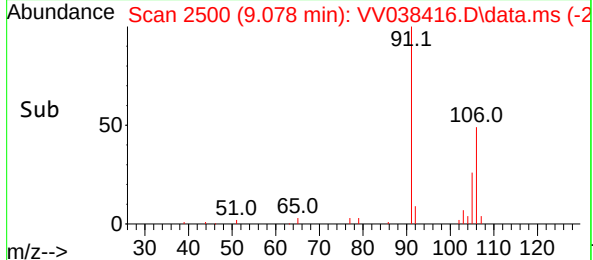
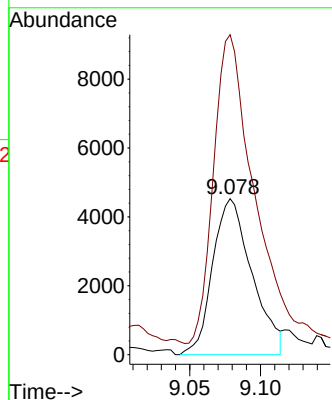
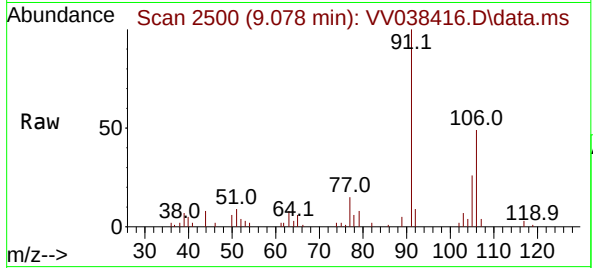




#53
m,p-Xylene
Concen: 1.378 ug/L
RT: 9.078 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

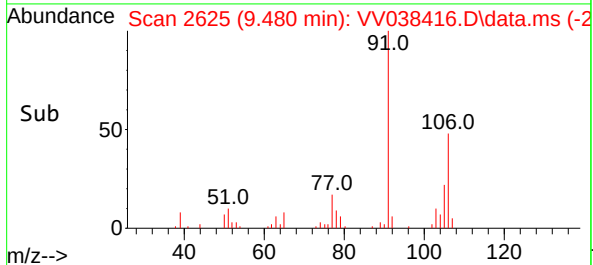
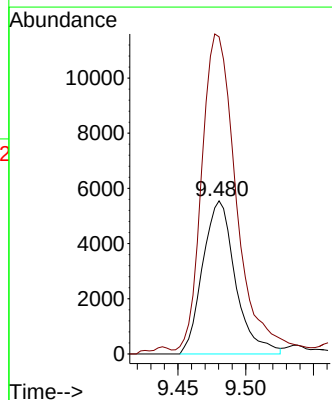
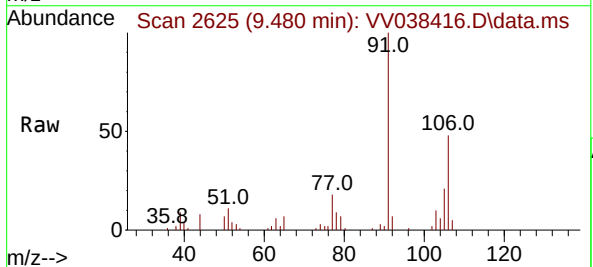
Instrument :
MSVOA_V
ClientSampleId :

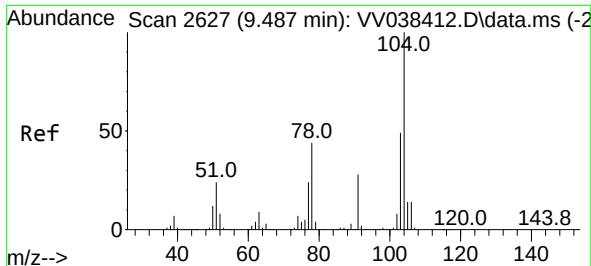
Tgt Ion:106 Resp: 8738
Ion Ratio Lower Upper
106 100
91 205.2 142.6 264.8



#54
o-Xylene
Concen: 1.528 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion:106 Resp: 9321
Ion Ratio Lower Upper
106 100
91 207.1 151.1 280.7

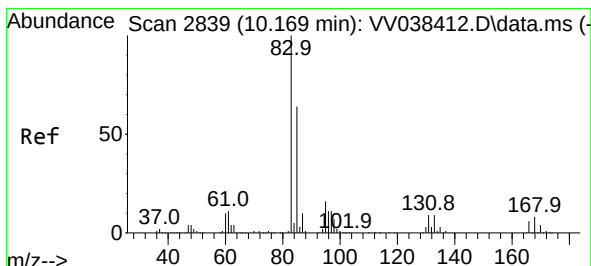
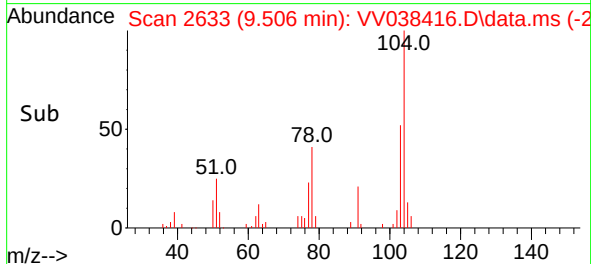
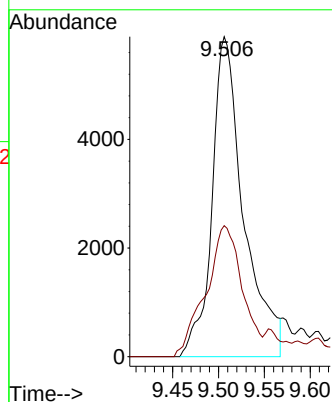
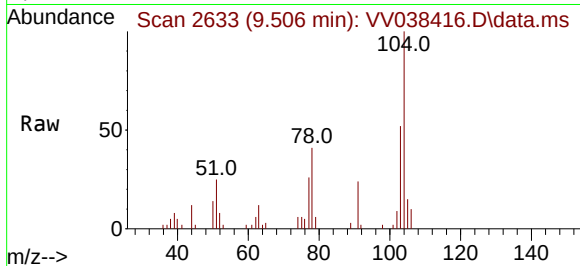




#55
Styrene
Concen: 1.318 ug/L
RT: 9.506 min Scan# 20
Delta R.T. 0.019 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

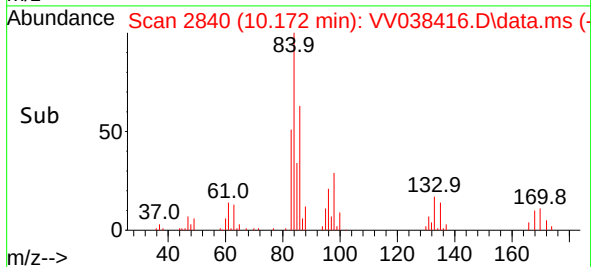
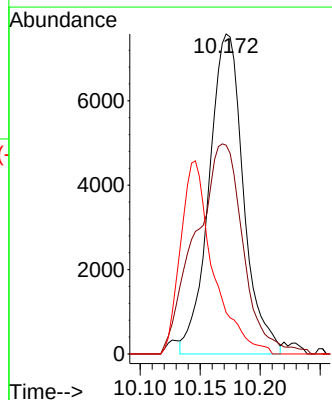
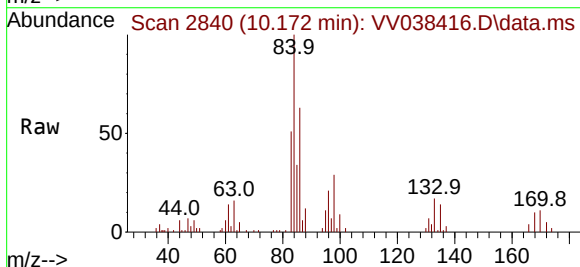
Instrument :
MSVOA_V
ClientSampleId :

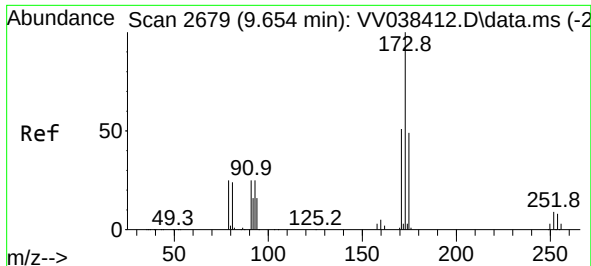
Tgt Ion:104 Resp: 14121
Ion Ratio Lower Upper
104 100
78 40.9 29.7 55.1



#57
1,1,2,2-Tetrachloroethane
Concen: 2.403 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion: 83 Resp: 15120
Ion Ratio Lower Upper
83 100
85 65.3 44.7 82.9
131 13.0 8.0 12.0#





#59

Bromoform

Concen: 2.500 ug/L

RT: 9.667 min Scan# 2

Delta R.T. 0.013 min

Lab File: VV038416.D

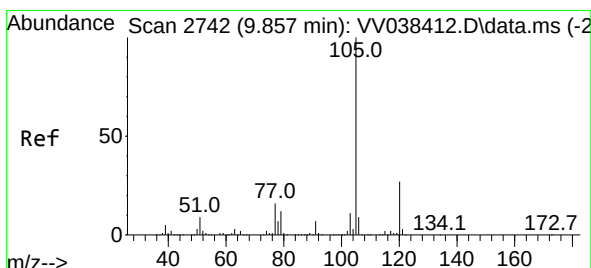
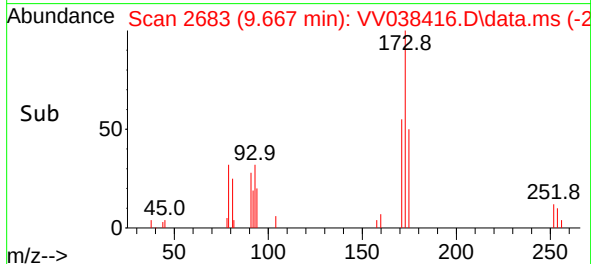
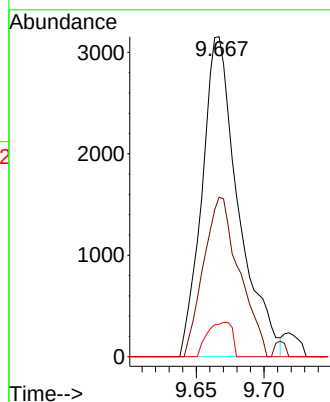
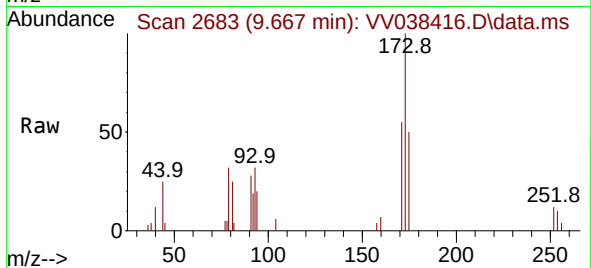
Acq: 05 Dec 2024 12:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	5863
Ion Ratio	Lower	Upper
173	100	
175	49.1	38.8 58.2
254	7.3	6.9 10.3



#60

Isopropylbenzene

Concen: 1.759 ug/L

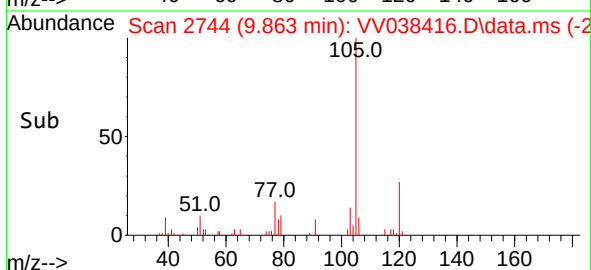
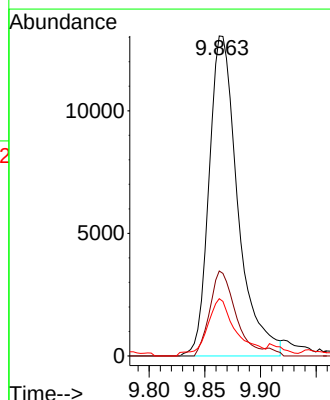
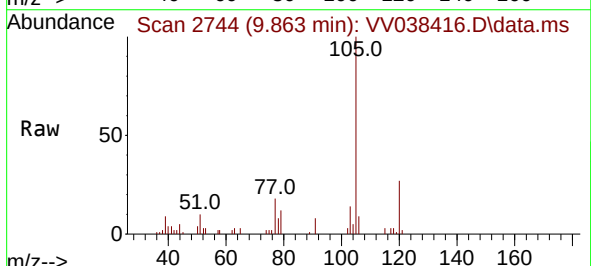
RT: 9.863 min Scan# 2744

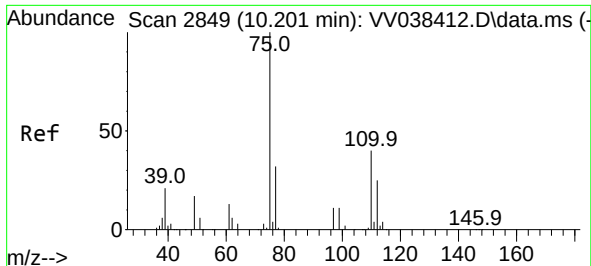
Delta R.T. 0.006 min

Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

Tgt Ion:105	Resp:	23458
Ion Ratio	Lower	Upper
105	100	
120	23.7	21.0 31.4
77	14.5	12.2 18.4





#61

1,2,3-Trichloropropane

Concen: 2.886 ug/L

RT: 10.204 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038416.D

Acq: 05 Dec 2024 12:26

Instrument :

MSVOA_V

ClientSampleId :

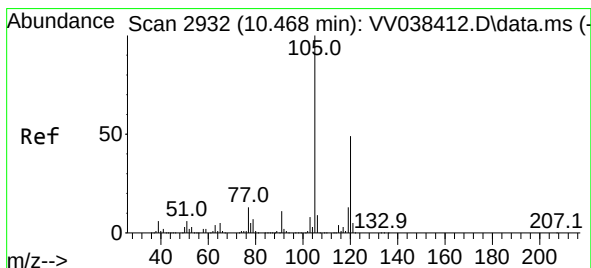
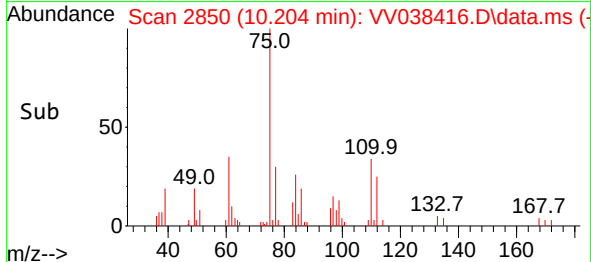
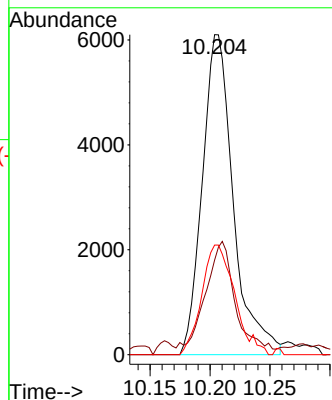
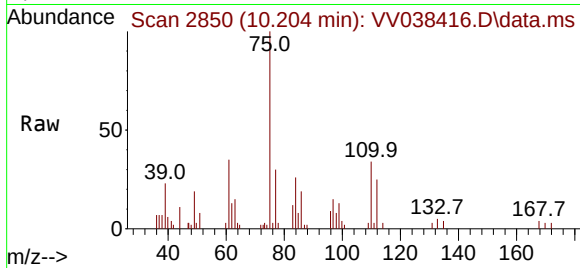
Tgt Ion: 75 Resp: 10959

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6

110 34.9 32.2 48.4



#62

1,3,5-Trimethylbenzene

Concen: 1.667 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.006 min

Lab File: VV038416.D

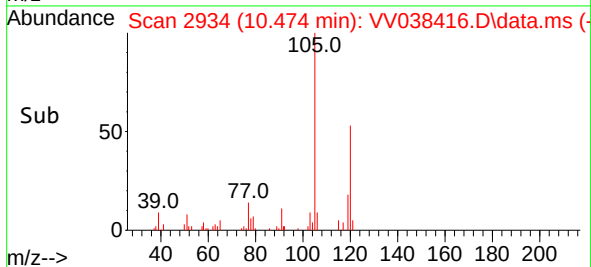
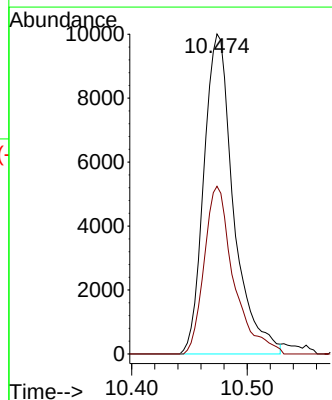
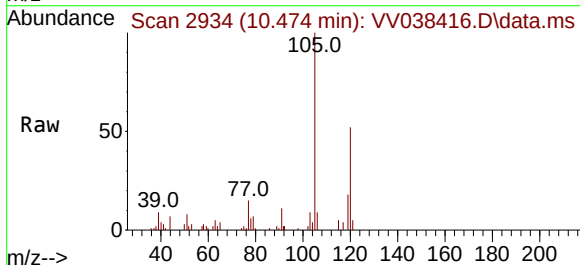
Acq: 05 Dec 2024 12:26

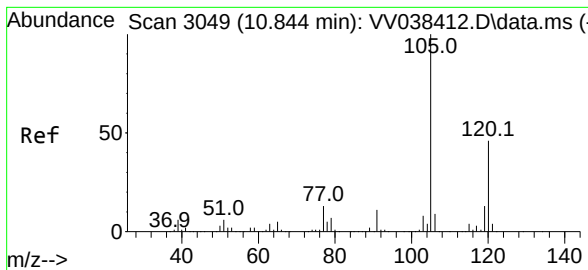
Tgt Ion: 105 Resp: 17839

Ion Ratio Lower Upper

105 100

120 52.0 39.1 58.7

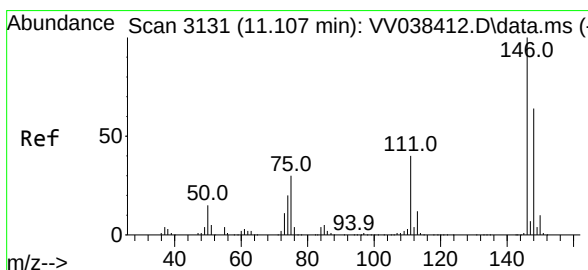
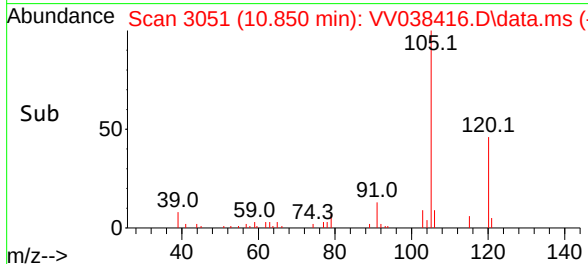
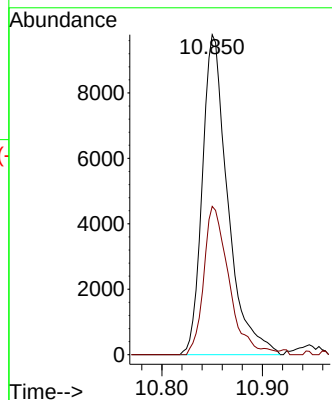
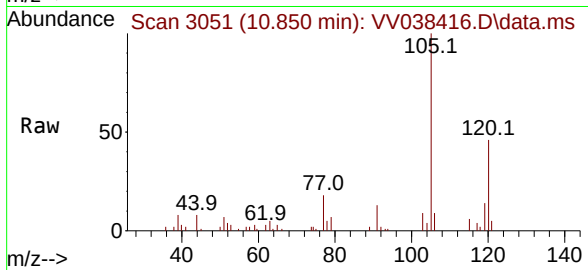




#63
 1,2,4-Trimethylbenzene
 Concen: 1.633 ug/L
 RT: 10.850 min Scan# 3049
 Delta R.T. 0.006 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

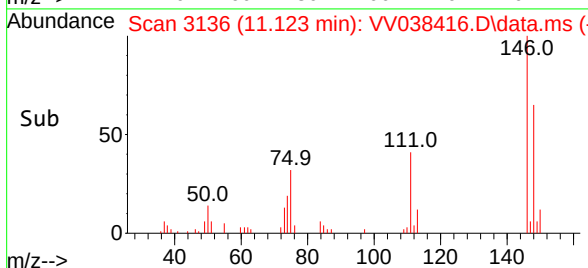
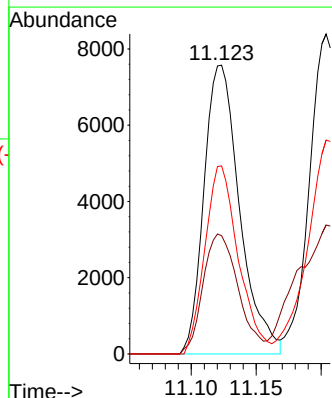
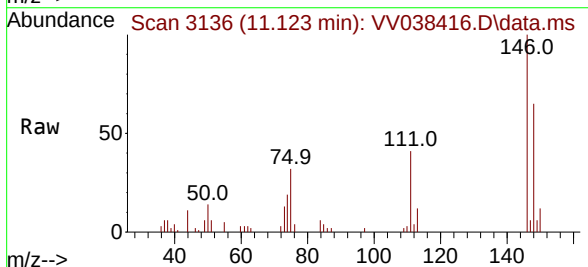
Instrument :
 MSVOA_V
 ClientSampleId :

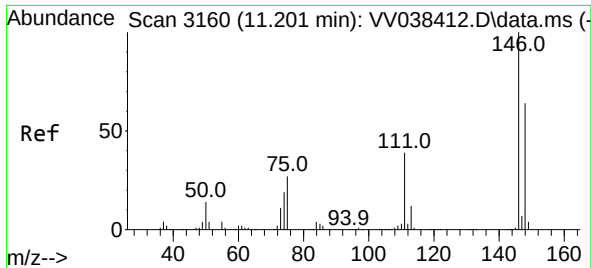
Tgt Ion:105 Resp: 17177
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.6 55.0



#64
 1,3-Dichlorobenzene
 Concen: 2.113 ug/L
 RT: 11.123 min Scan# 3136
 Delta R.T. 0.016 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

Tgt Ion:146 Resp: 14470
 Ion Ratio Lower Upper
 146 100
 111 41.0 27.8 51.6
 148 65.1 45.1 83.7

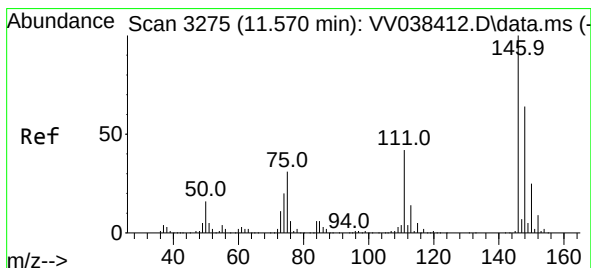
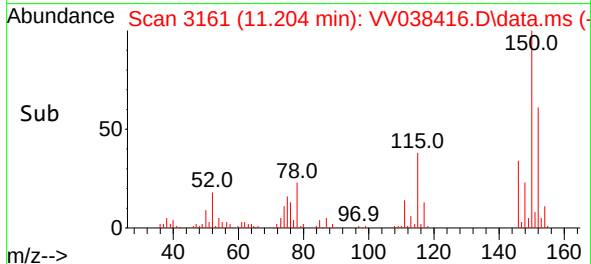
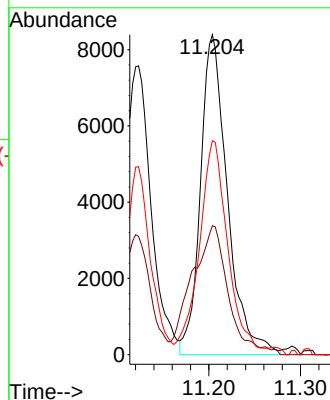
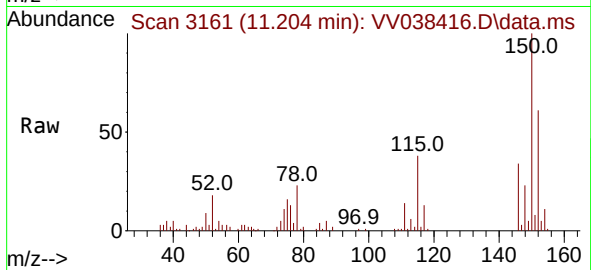




#65
1,4-Dichlorobenzene
Concen: 2.358 ug/L
RT: 11.204 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

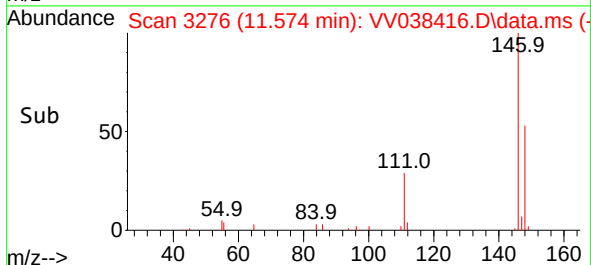
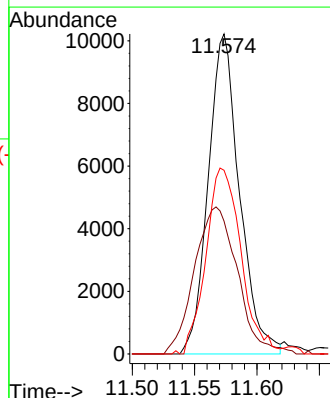
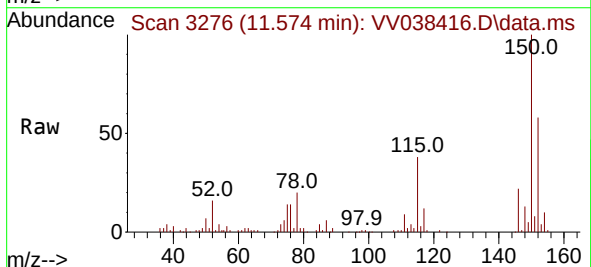
Instrument :
MSVOA_V
ClientSampleId :

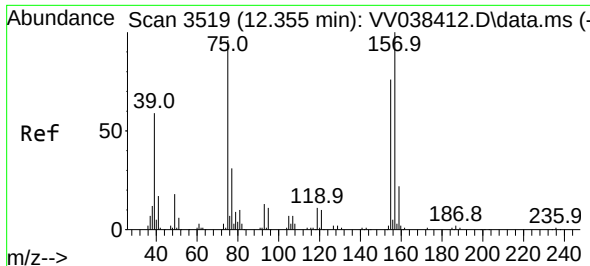
Tgt Ion:146 Resp: 17162
Ion Ratio Lower Upper
146 100
111 40.3 27.6 51.4
148 66.8 44.9 83.3



#67
1,2-Dichlorobenzene
Concen: 2.559 ug/L
RT: 11.574 min Scan# 3276
Delta R.T. 0.003 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

Tgt Ion:146 Resp: 17859
Ion Ratio Lower Upper
146 100
111 41.5 34.2 51.2
148 57.4 50.5 75.7

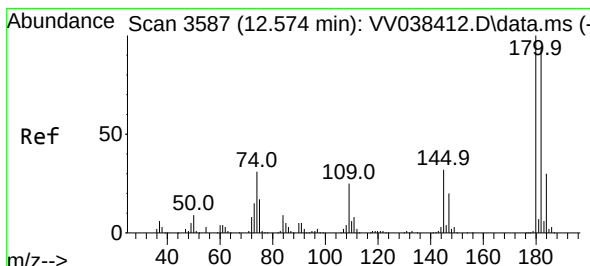
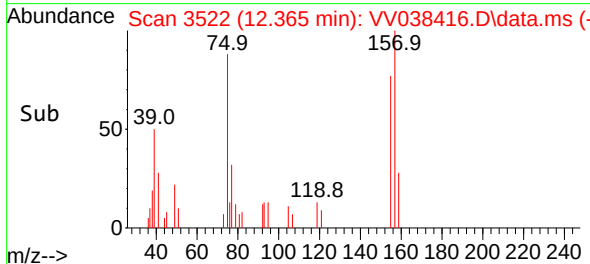
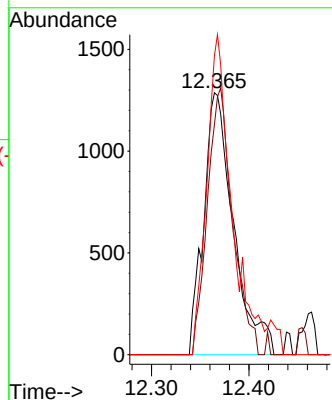
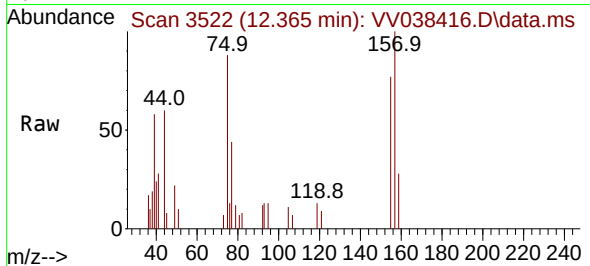




#68
1,2-Dibromo-3-chloropropane
Concen: 2.744 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

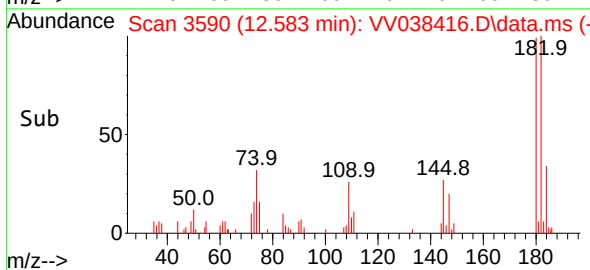
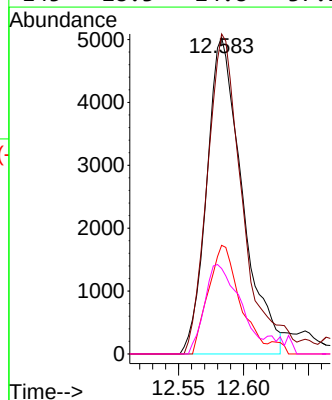
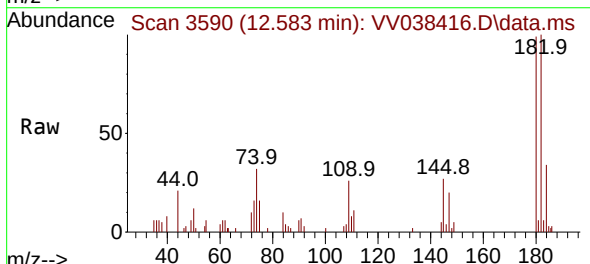
Instrument :
MSVOA_V
ClientSampleId :

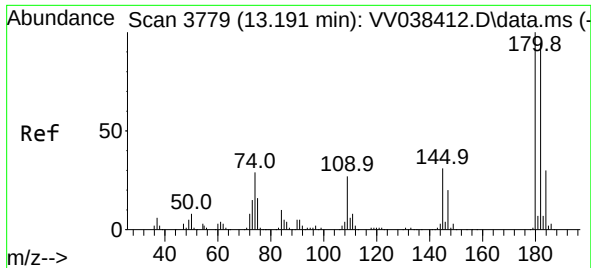
Tgt Ion: 75 Resp: 2746
Ion Ratio Lower Upper
75 100
155 87.8 66.8 100.2
157 114.2 83.4 125.2



#69
1,3,5-Trichlorobenzene
Concen: 2.042 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

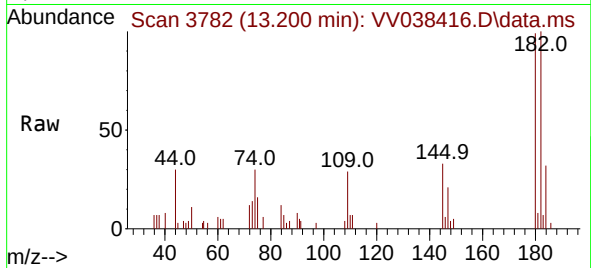
Tgt Ion:180 Resp: 9535
Ion Ratio Lower Upper
180 100
182 97.6 76.2 114.4
184 30.7 23.8 35.6
145 28.3 24.8 37.2



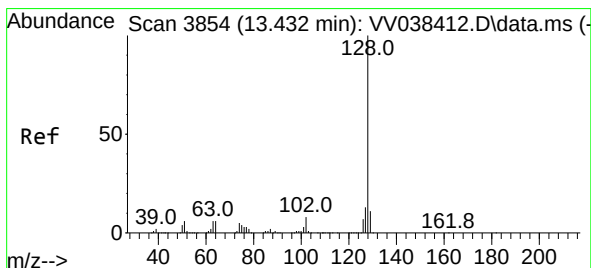
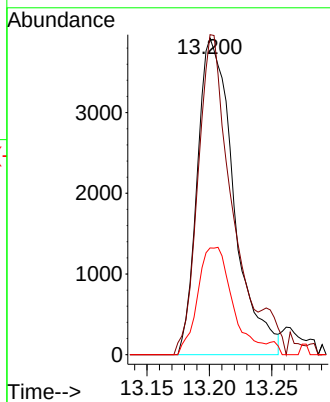
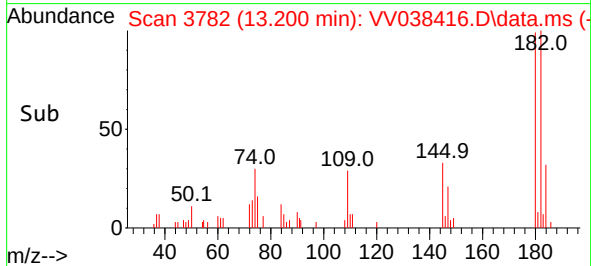


#70
1,2,4-trichlorobenzene
Concen: 2.023 ug/L
RT: 13.200 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26

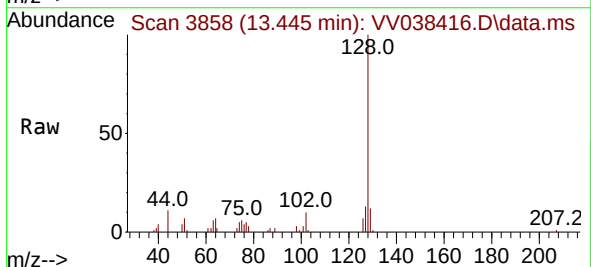
Instrument :
MSVOA_V
ClientSampleId :



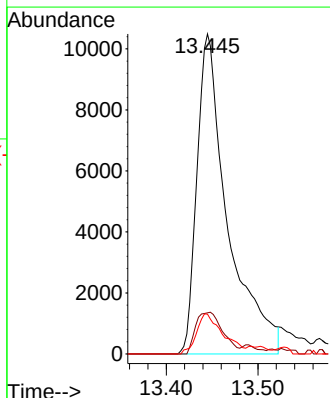
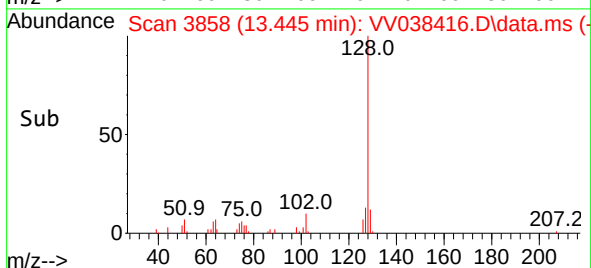
Tgt Ion:180 Resp: 7959
Ion Ratio Lower Upper
180 100
182 90.3 76.2 114.2
145 32.6 24.7 37.1

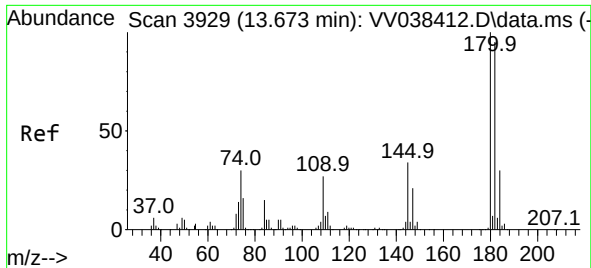


#71
Naphthalene
Concen: 2.281 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.013 min
Lab File: VV038416.D
Acq: 05 Dec 2024 12:26



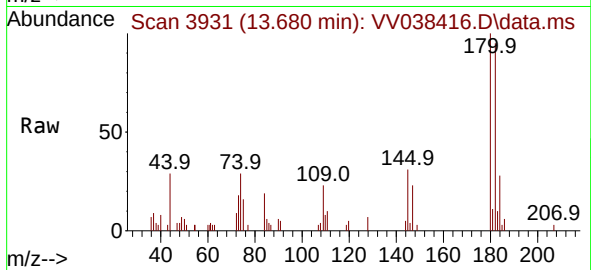
Tgt Ion:128 Resp: 24326
Ion Ratio Lower Upper
128 100
127 11.6 10.1 15.1
129 10.9 8.6 12.8





#72
 1,2,3-Trichlorobenzene
 Concen: 2.039 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. 0.006 min
 Lab File: VV038416.D
 Acq: 05 Dec 2024 12:26

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	7870
Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.8	113.6
145	34.4	27.1	40.7

