

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021367.D
 Acq On : 27 Feb 2025 18:42
 Operator : SY/MD
 Sample : Q1448-02
 Misc : 6.87g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P1

Quant Time: Feb 28 00:44:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

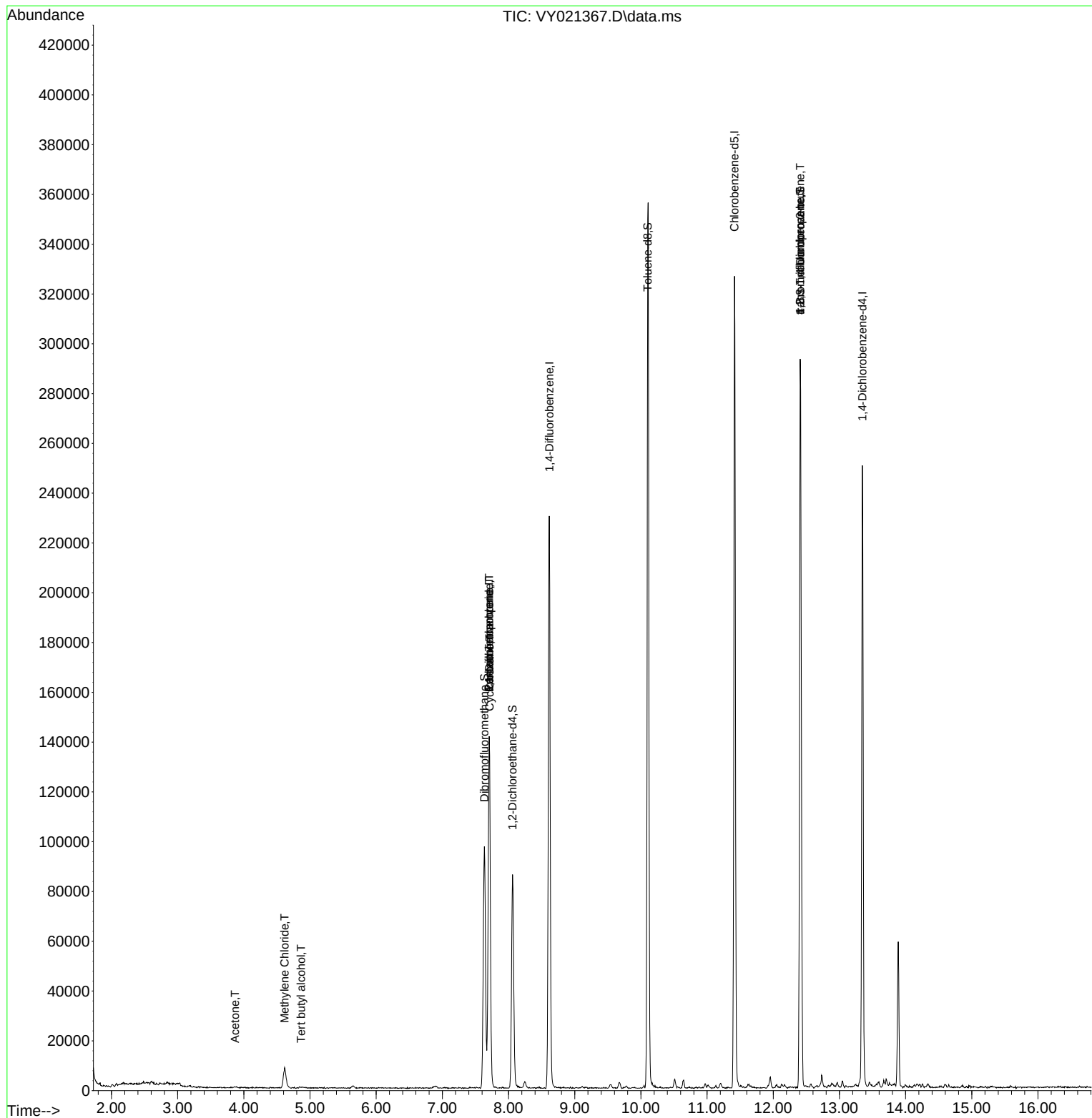
Internal Standards						
1) Pentafluorobenzene	7.707	168	108147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	190726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	166640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	61007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	70394	57.379	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.760%			
35) Dibromofluoromethane	7.634	113	67607	54.068	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.140%			
50) Toluene-d8	10.103	98	228043	47.189	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.380%			
62) 4-Bromofluorobenzene	12.408	95	66052	40.613	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.220%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.866	59	447	4.737	ug/l #	72
16) Acetone	3.867	43	442	1.878	ug/l #	77
20) Methylene Chloride	4.616	84	5438	4.273	ug/l	92
31) Cyclohexane	7.713	56	2750	1.271	ug/l #	56
36) 1,1-Dichloropropene	7.707	75	8634	4.597	ug/l #	52
38) Carbon Tetrachloride	7.707	117	10654	5.046	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	37874	62.023	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	37874	137.854	ug/l #	11

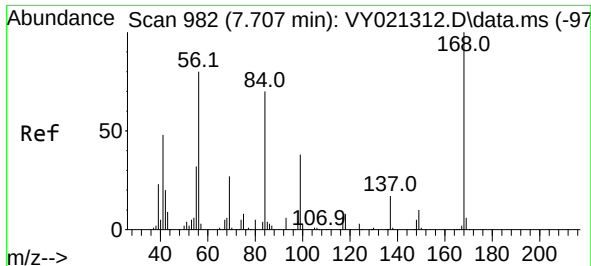
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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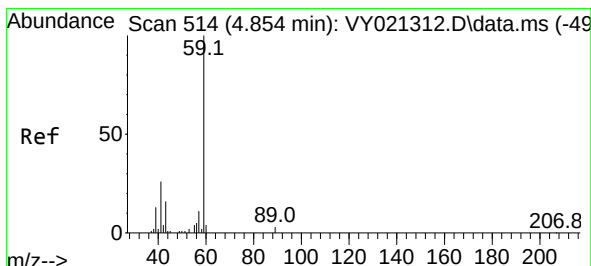
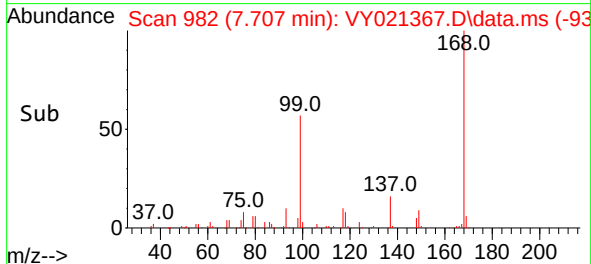
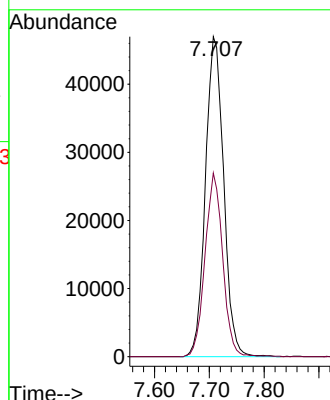
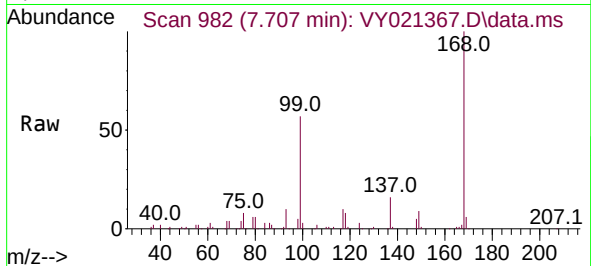




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

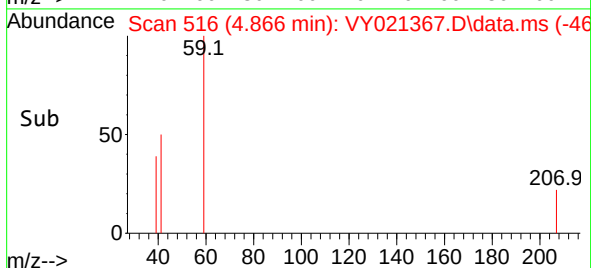
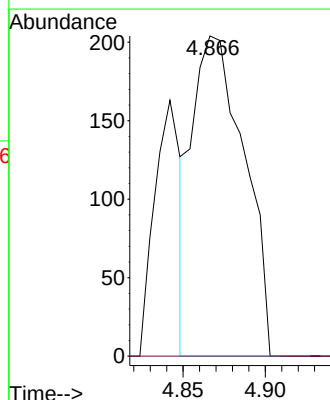
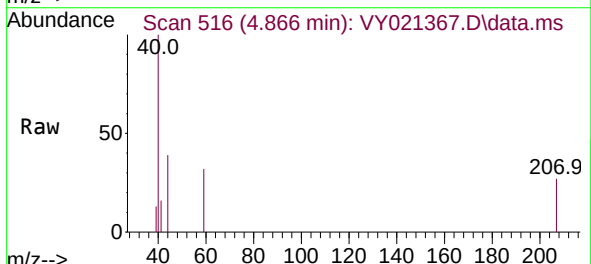
Instrument :
MSVOA_Y
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P1

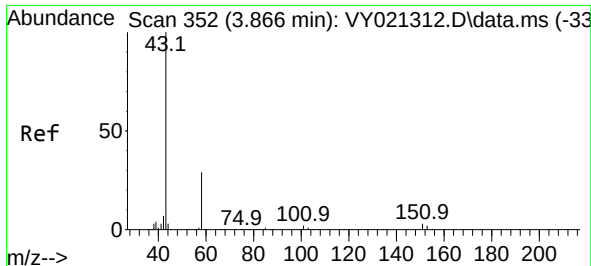
Tgt Ion:168 Resp: 108147
Ion Ratio Lower Upper
168 100
99 57.4 47.1 70.7



#11
Tert butyl alcohol
Concen: 4.737 ug/l
RT: 4.866 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Tgt Ion: 59 Resp: 447
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

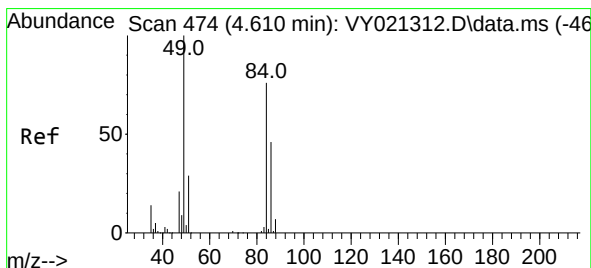
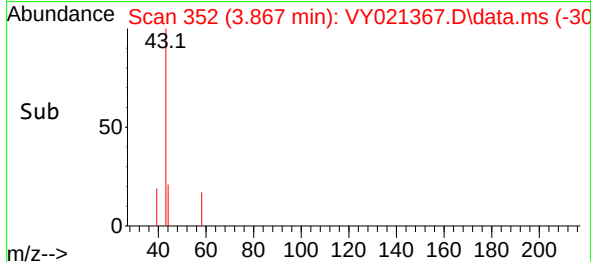
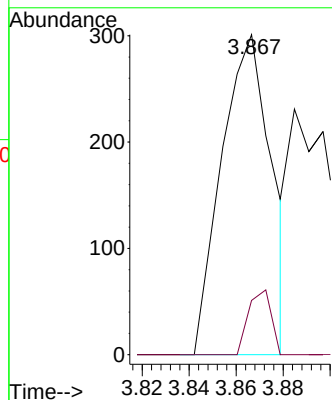
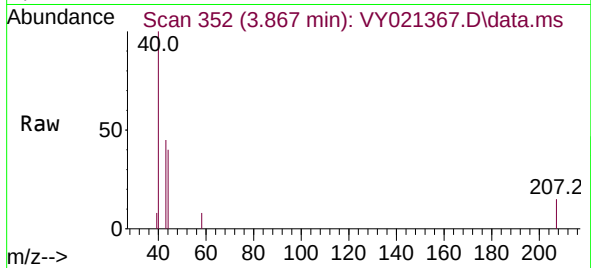




#16
Acetone
Concen: 1.878 ug/l
RT: 3.867 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

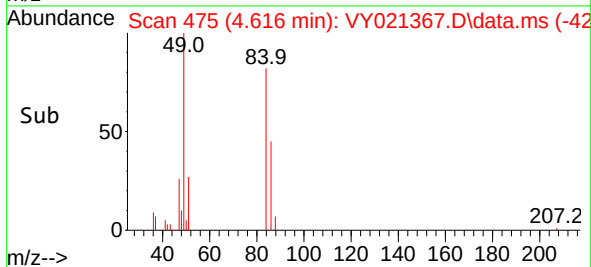
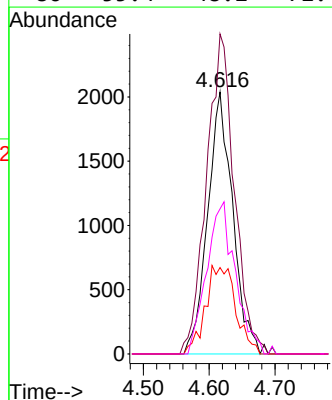
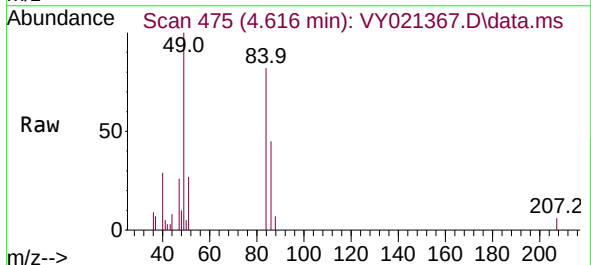
Instrument :
MSVOA_Y
ClientSampleId :
P1

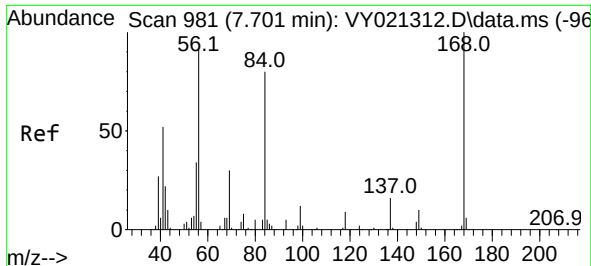
Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
58 16.9 23.5 35.3#



#20
Methylene Chloride
Concen: 4.273 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Tgt Ion: 84 Resp: 5438
Ion Ratio Lower Upper
84 100
49 122.2 105.1 157.7
51 33.0 31.0 46.4
86 55.4 48.2 72.4

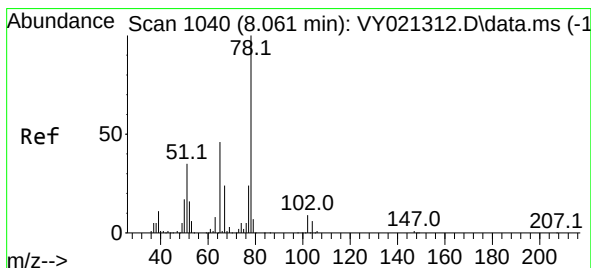
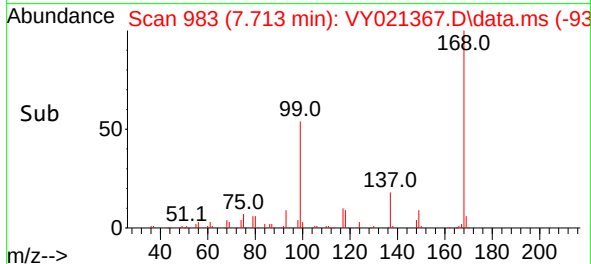
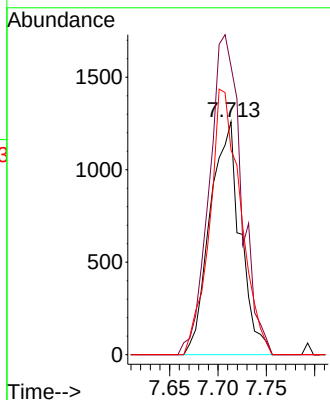
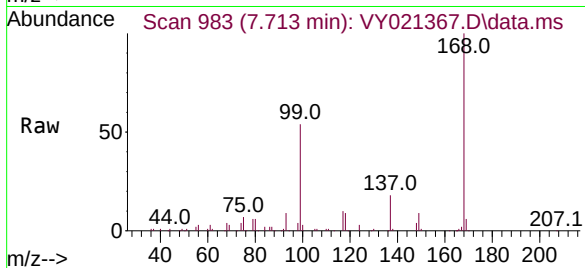




#31
Cyclohexane
Concen: 1.271 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

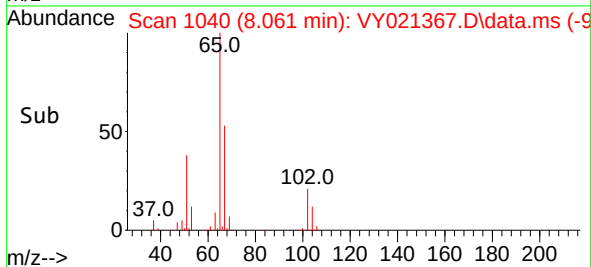
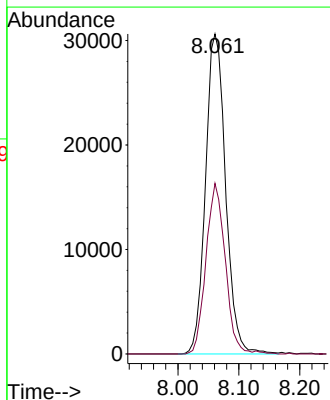
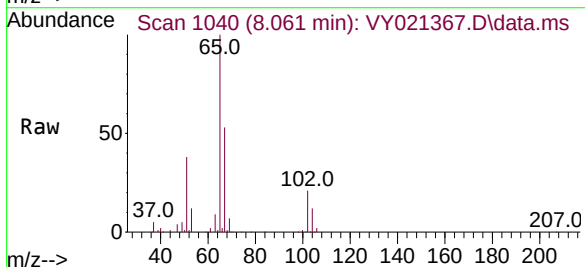
Instrument :
MSVOA_Y
ClientSampleId :
P1

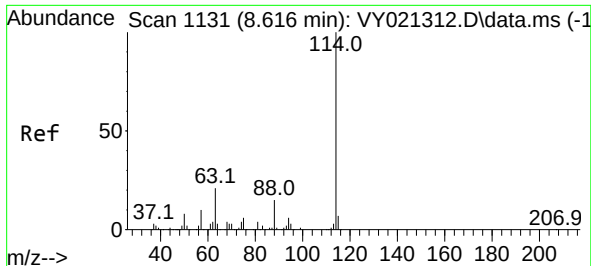
Tgt Ion: 56 Resp: 2750
Ion Ratio Lower Upper
56 100
69 123.9 26.2 39.4#
84 87.9 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 57.379 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Tgt Ion: 65 Resp: 70394
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.6

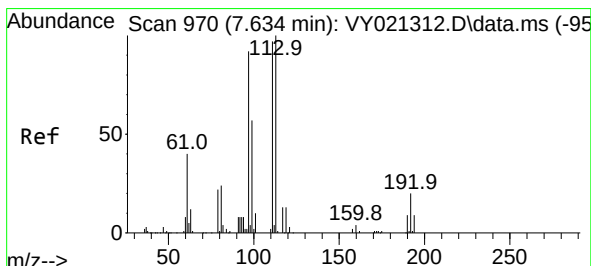
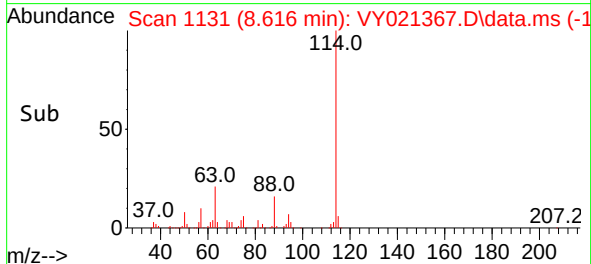
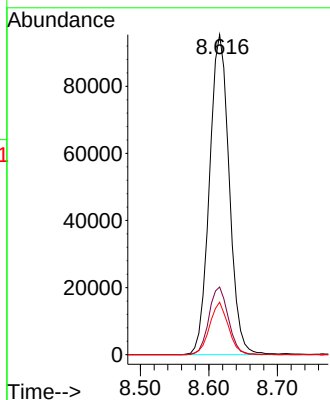
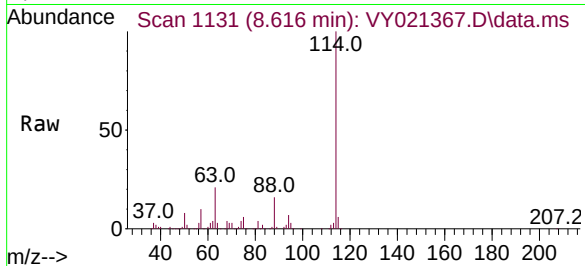




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

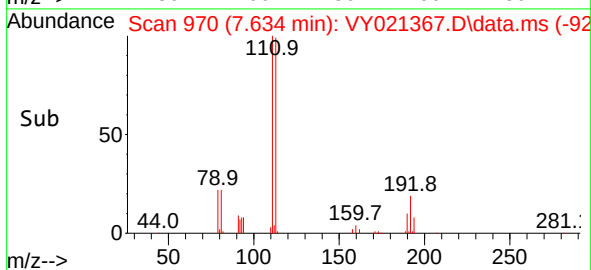
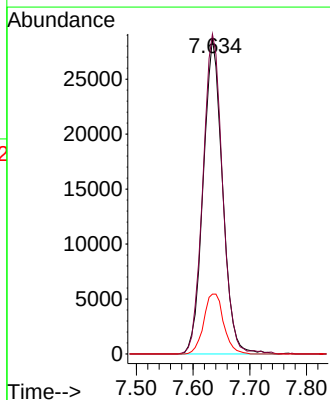
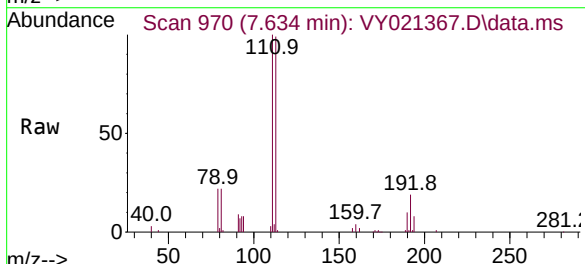
Instrument :
MSVOA_Y
ClientSampleId :
P1

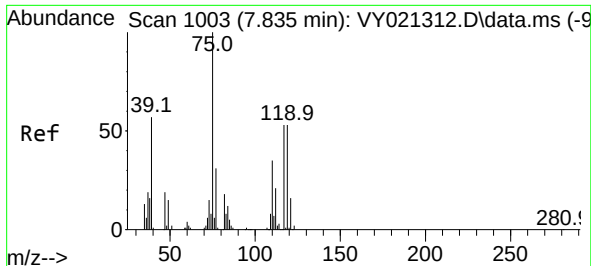
Tgt Ion:114 Resp: 190726
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 16.4 0.0 29.8



#35
Dibromofluoromethane
Concen: 54.068 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Tgt Ion:113 Resp: 67607
Ion Ratio Lower Upper
113 100
111 103.3 81.0 121.6
192 19.6 15.8 23.8





#36

1,1-Dichloropropene

Concen: 4.597 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY021367.D

Acq: 27 Feb 2025 18:42

Instrument :

MSVOA_Y

ClientSampleId :

P1

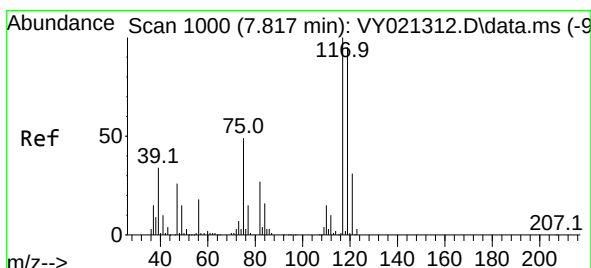
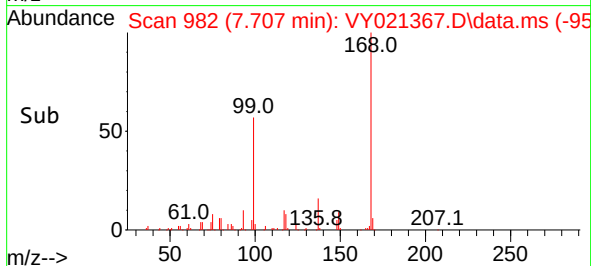
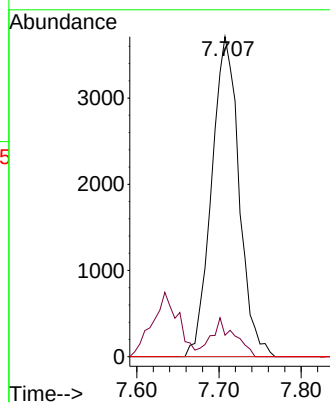
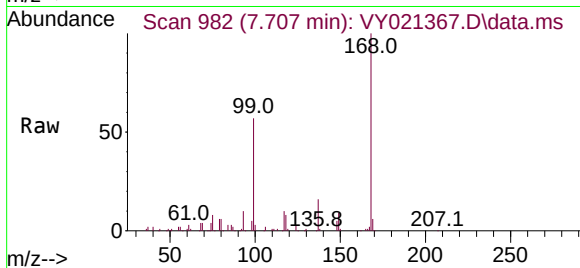
Tgt Ion: 75 Resp: 8634

Ion Ratio Lower Upper

75 100

110 10.2 16.9 50.7#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.046 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.110 min

Lab File: VY021367.D

Acq: 27 Feb 2025 18:42

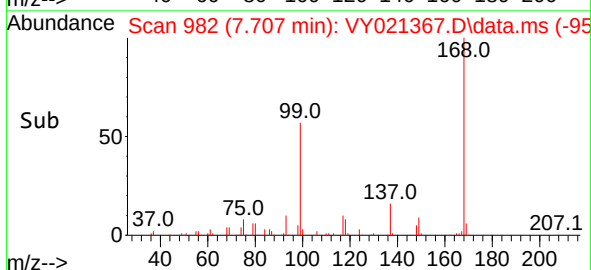
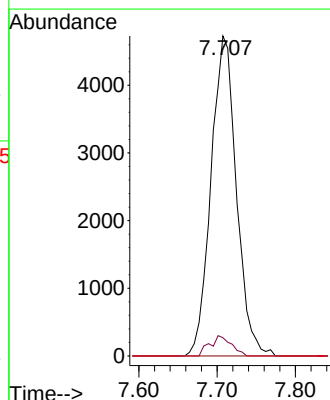
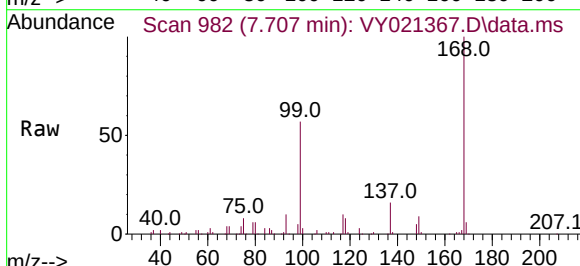
Tgt Ion: 117 Resp: 10654

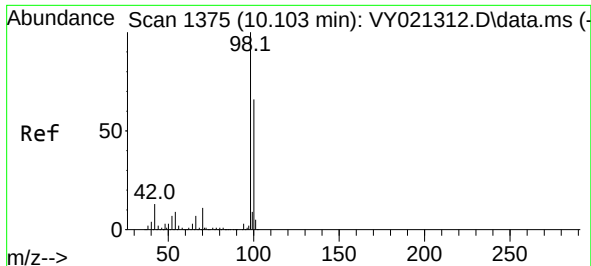
Ion Ratio Lower Upper

117 100

119 5.7 76.0 114.0#

121 0.0 24.9 37.3#

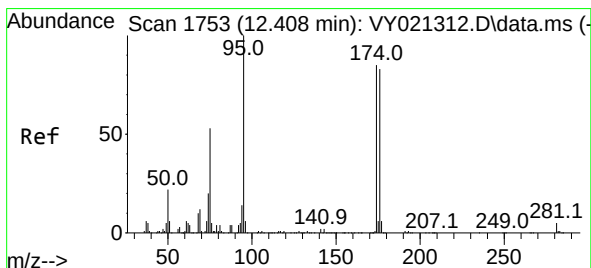
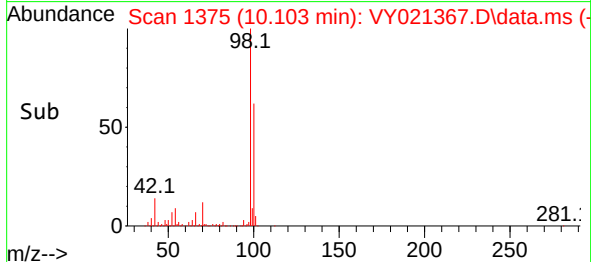
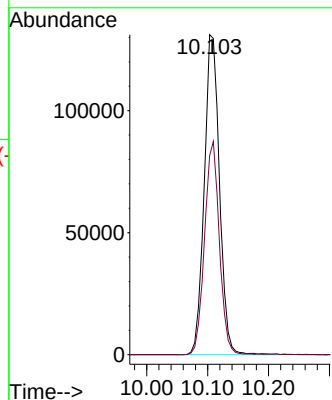
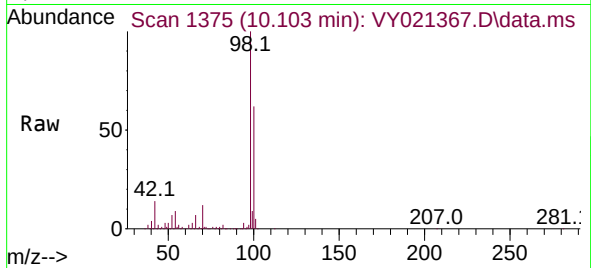




#50
Toluene-d8
Concen: 47.189 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

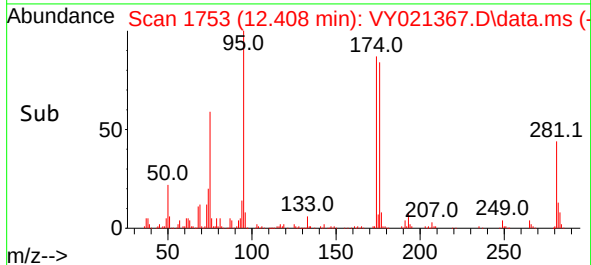
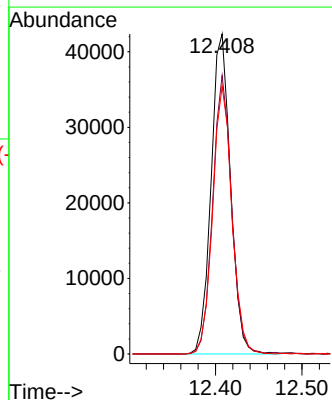
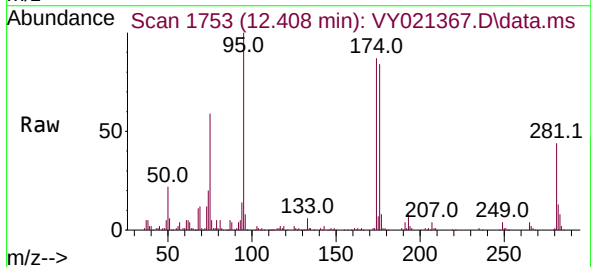
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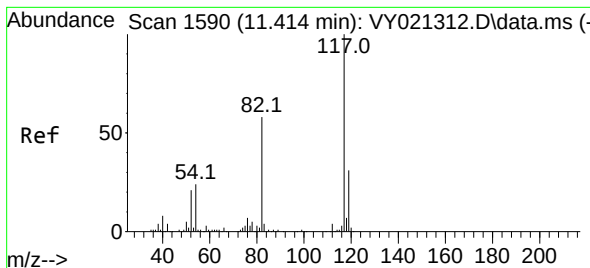
Tgt Ion: 98 Resp: 228043
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.613 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Tgt Ion: 95 Resp: 66052
Ion Ratio Lower Upper
95 100
174 84.7 0.0 168.0
176 82.8 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021367.D

Acq: 27 Feb 2025 18:42

Instrument :

MSVOA_Y

ClientSampleId :

P1

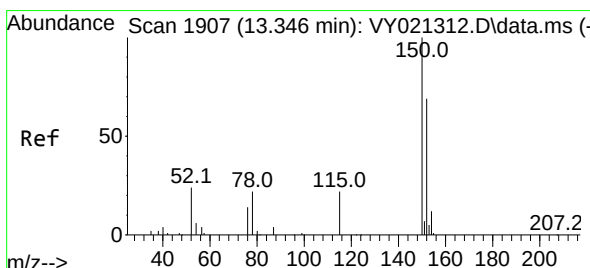
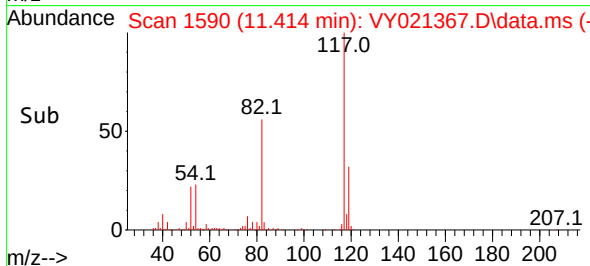
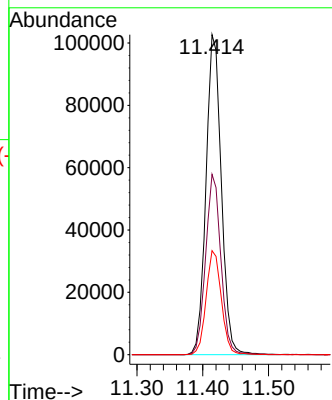
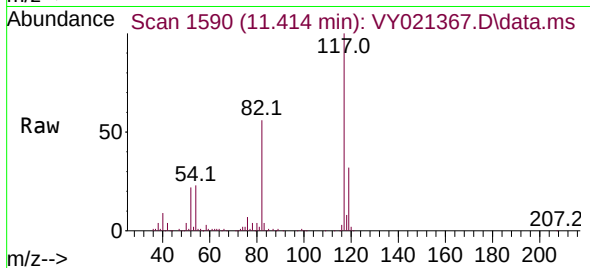
Tgt Ion:117 Resp: 166640

Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.4

119 32.5 24.9 37.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021367.D

Acq: 27 Feb 2025 18:42

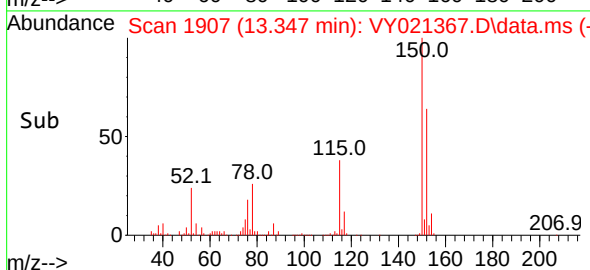
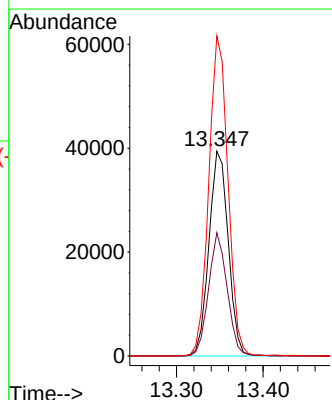
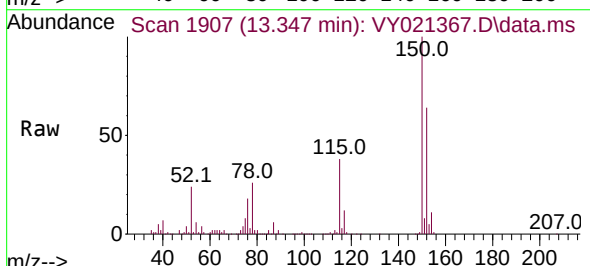
Tgt Ion:152 Resp: 61007

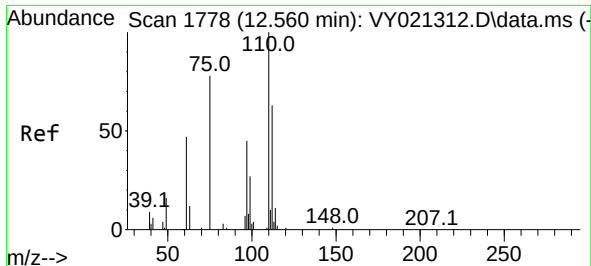
Ion Ratio Lower Upper

152 100

115 58.1 29.3 88.0

150 154.9 0.0 347.4

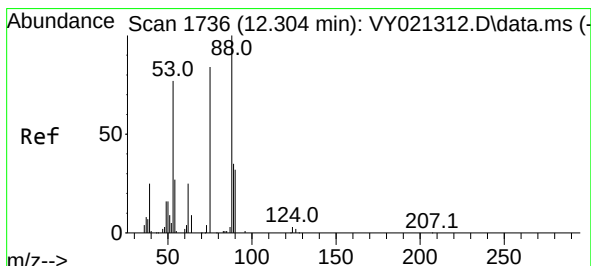
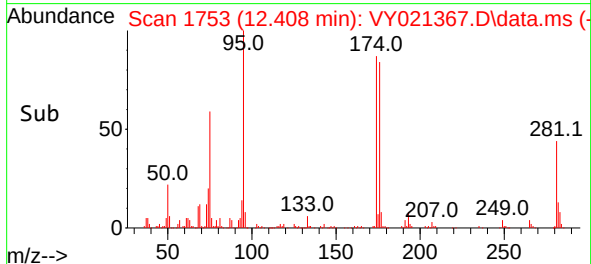
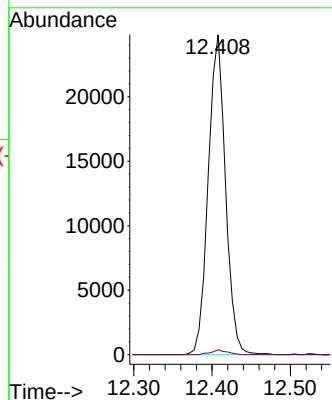
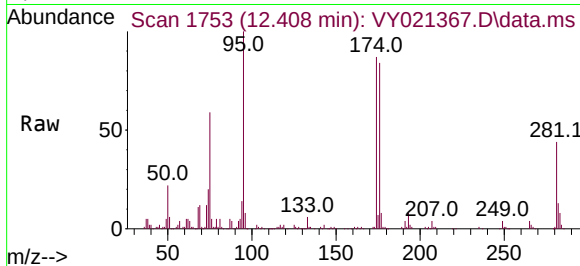




#76
1,2,3-Trichloropropane
Concen: 62.023 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Instrument :
MSVOA_Y
ClientSampleId :
P1

Tgt Ion: 75 Resp: 37874
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.854 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Tgt Ion: 75 Resp: 37874
Ion Ratio Lower Upper
75 100
53 0.1 79.1 118.7#
89 1.0 35.6 53.4#

