

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021358.D
 Acq On : 27 Feb 2025 15:12
 Operator : SY/MD
 Sample : Q1421-08
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 28 00:42:21 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)

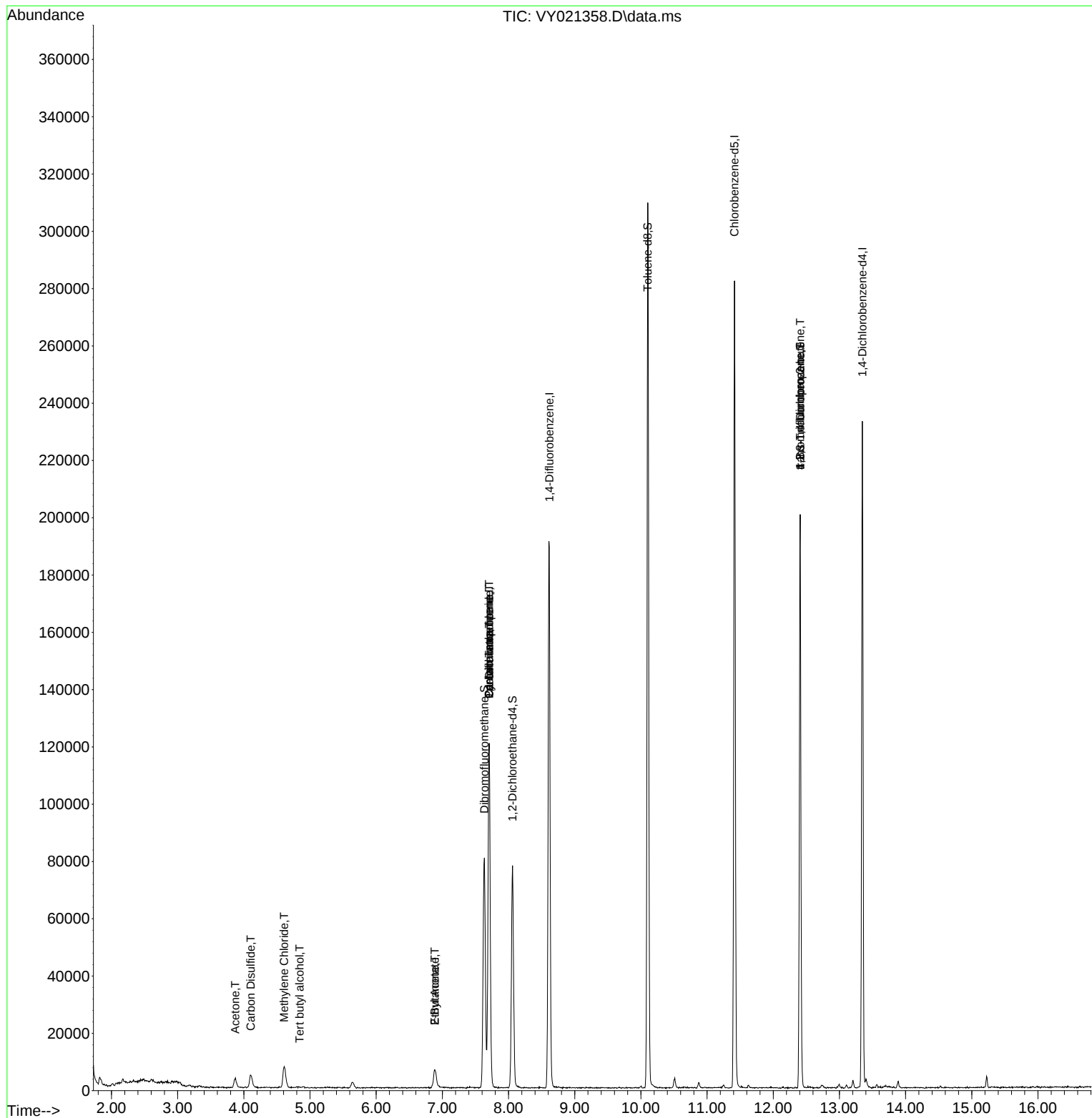
Internal Standards						
1) Pentafluorobenzene	7.707	168	91795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	159126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	143467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	54872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	61063	58.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.280%
35) Dibromofluoromethane	7.634	113	55964	53.644	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.280%
50) Toluene-d8	10.103	98	194452	48.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.408	95	56916	41.946	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.900%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	297	3.708	ug/l #	72
16) Acetone	3.873	43	5462	27.344	ug/l	94
17) Carbon Disulfide	4.104	76	7983	2.603	ug/l	98
20) Methylene Chloride	4.610	84	5235	4.846	ug/l	84
25) 2-Butanone	6.884	43	784	2.601	ug/l #	52
31) Cyclohexane	7.707	56	2362	1.287	ug/l #	23
36) 1,1-Dichloropropene	7.707	75	7283	4.648	ug/l #	51
37) Ethyl Acetate	6.884	43	784	1.006	ug/l #	60
38) Carbon Tetrachloride	7.707	117	9363	5.315	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	31231	56.862	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	31231	126.385	ug/l #	10

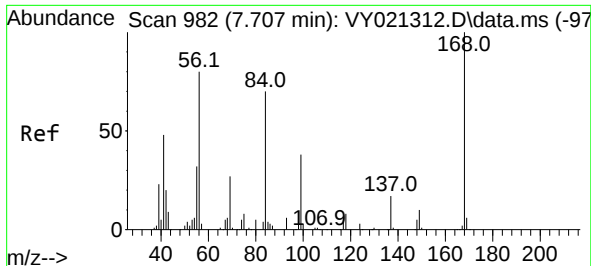
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021358.D
Acq On : 27 Feb 2025 15:12
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Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

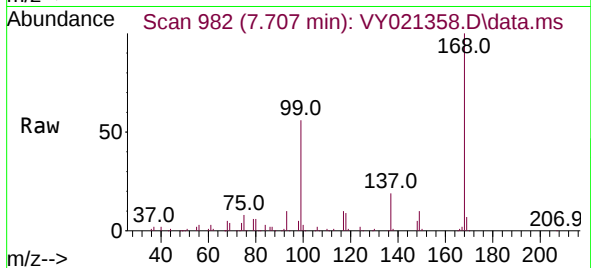
Quant Time: Feb 28 00:42:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
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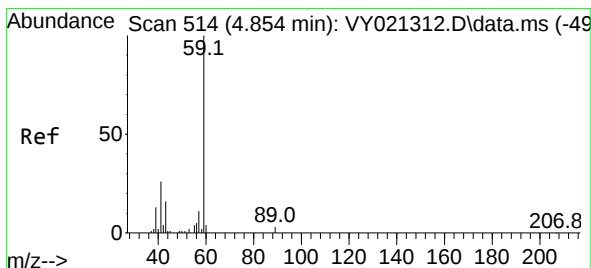
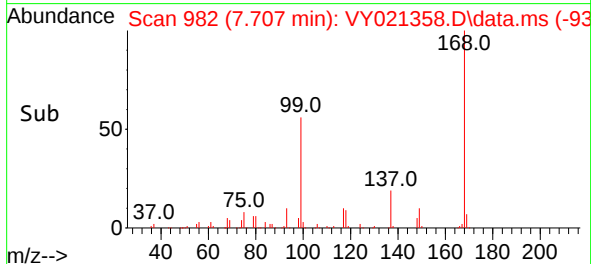
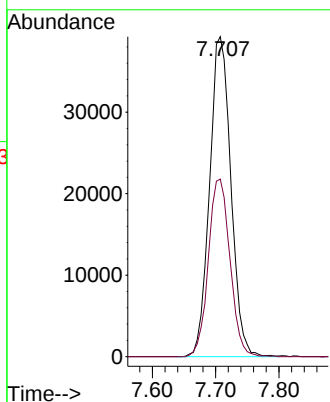


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

Instrument :
MSVOA_Y
ClientSampleId :

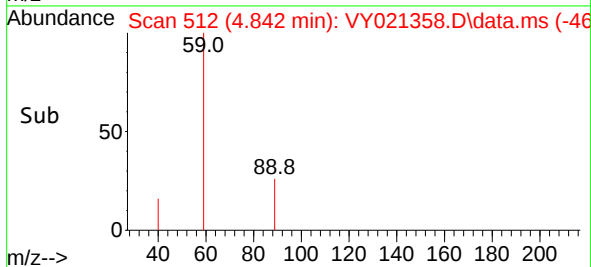
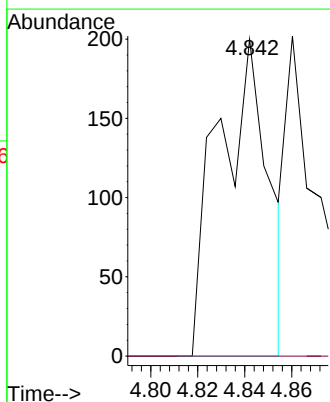
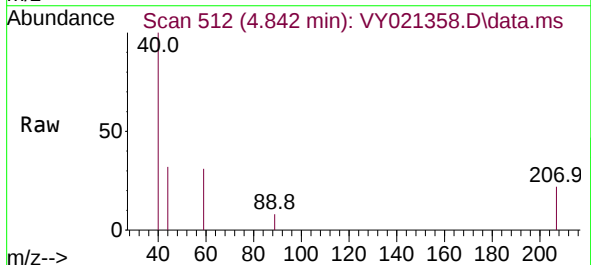


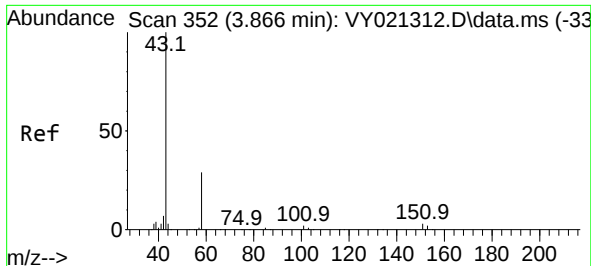
Tgt Ion:168 Resp: 91795
Ion Ratio Lower Upper
168 100
99 55.5 47.1 70.7



#11
Tert butyl alcohol
Concen: 3.708 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

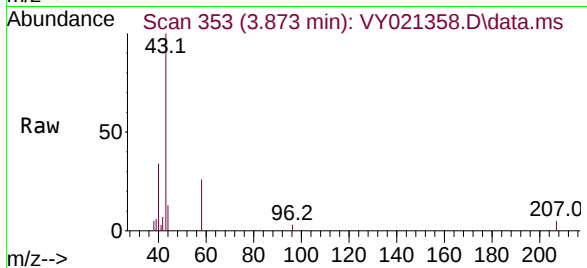
Tgt Ion: 59 Resp: 297
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



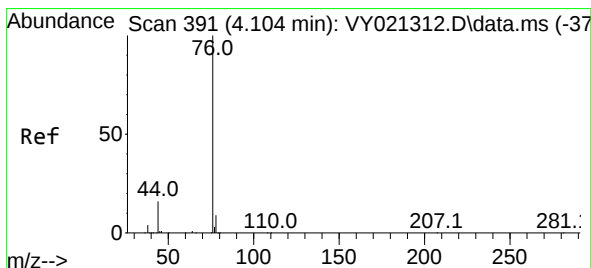
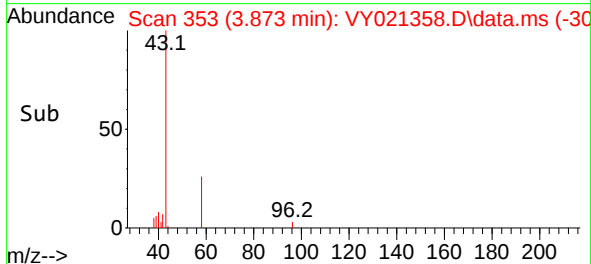
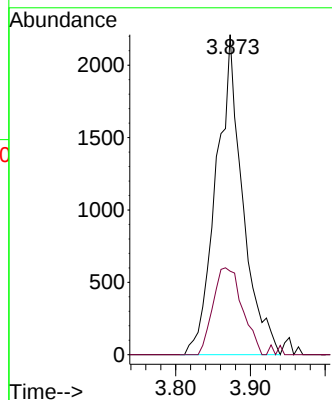


#16
Acetone
Concen: 27.344 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

Instrument :
MSVOA_Y
ClientSampleId :

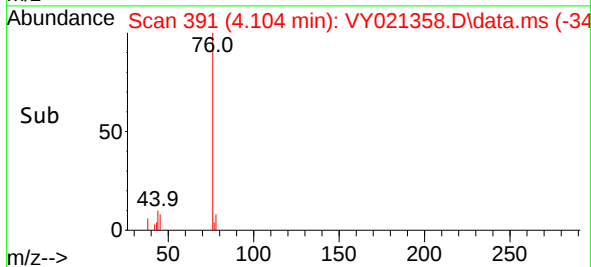
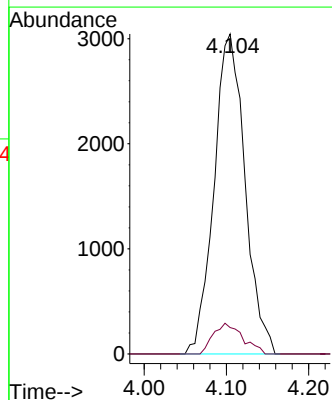
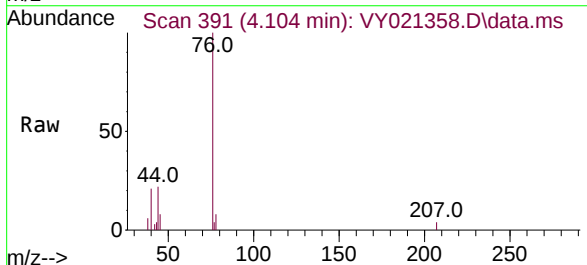


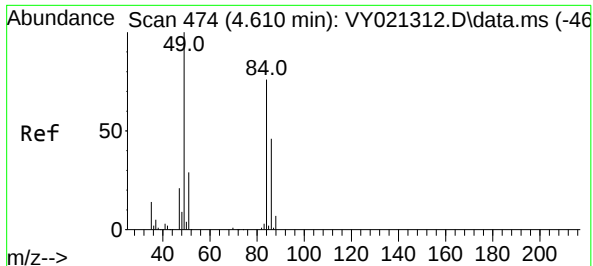
Tgt Ion: 43 Resp: 5462
Ion Ratio Lower Upper
43 100
58 26.1 23.5 35.3



#17
Carbon Disulfide
Concen: 2.603 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

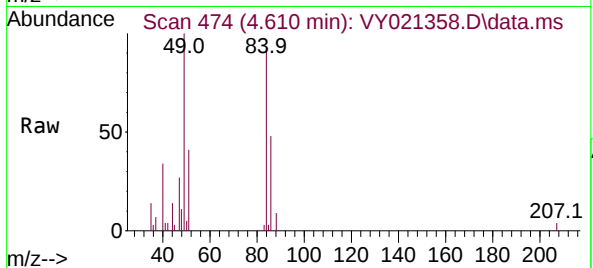
Tgt Ion: 76 Resp: 7983
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



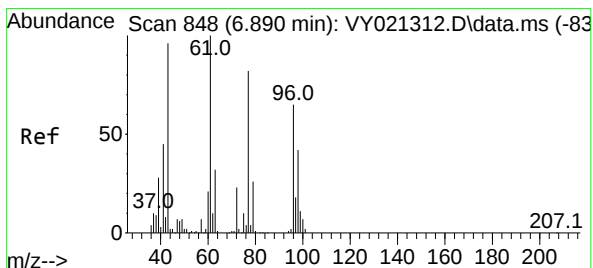
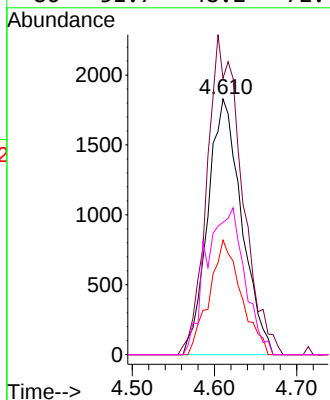
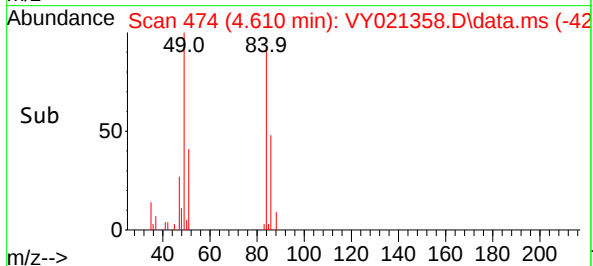


#20
Methylene Chloride
Concen: 4.846 ug/l
RT: 4.610 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

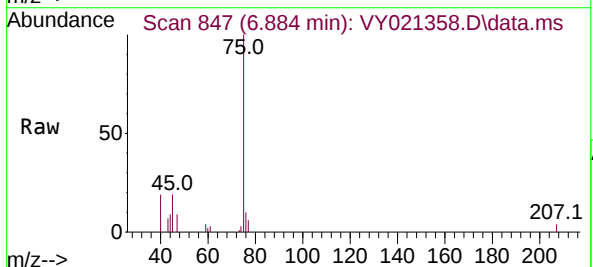
Instrument :
MSVOA_Y
ClientSampleId :



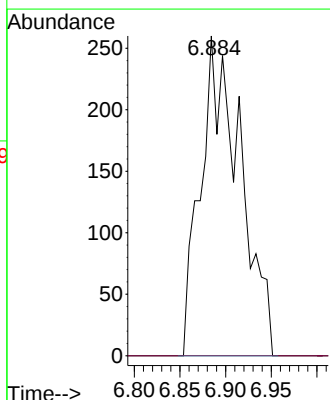
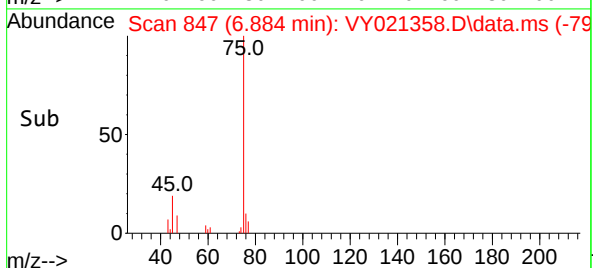
Tgt Ion:	84	Resp:	5235
Ion	Ratio	Lower	Upper
84	100		
49	108.1	105.1	157.7
51	44.8	31.0	46.4
86	51.7	48.2	72.4

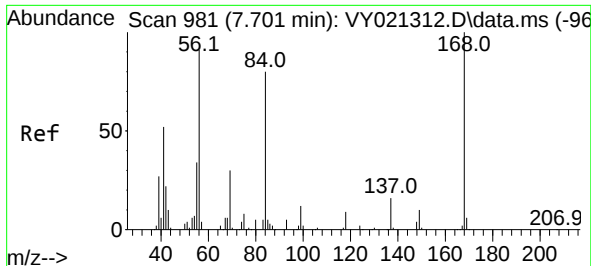


#25
2-Butanone
Concen: 2.601 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12



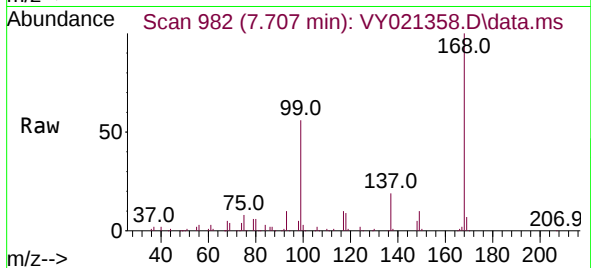
Tgt Ion:	43	Resp:	784
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.0	28.6#



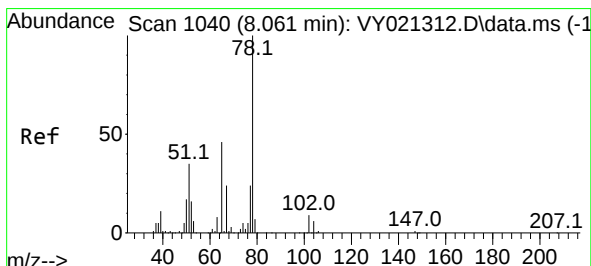
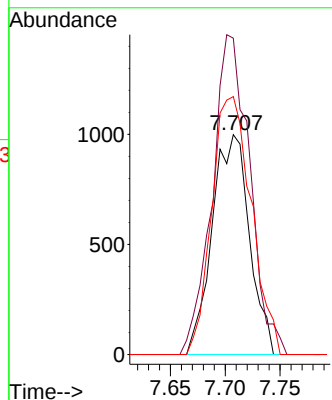
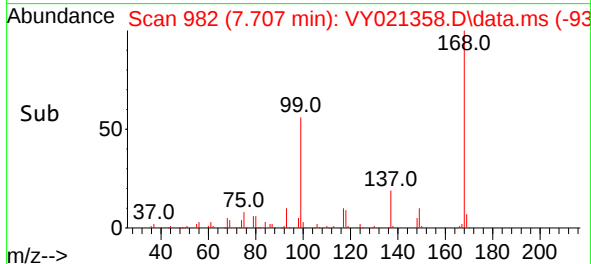


#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

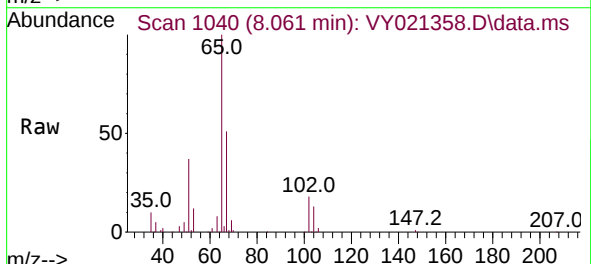
Instrument :
MSVOA_Y
ClientSampleId :



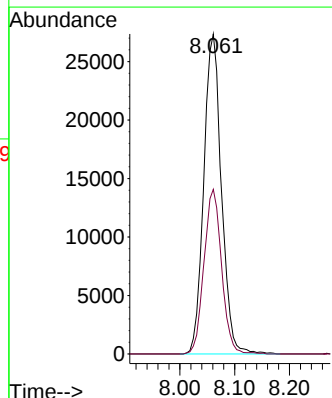
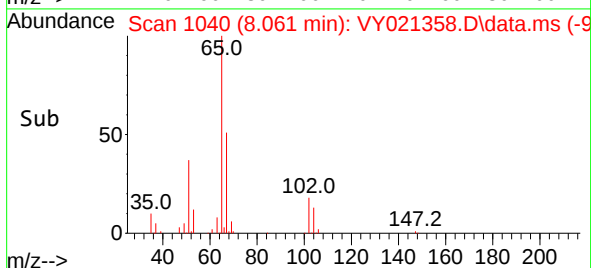
Tgt Ion: 56 Resp: 2362
Ion Ratio Lower Upper
56 100
69 143.8 26.2 39.4#
84 117.3 70.2 105.4#

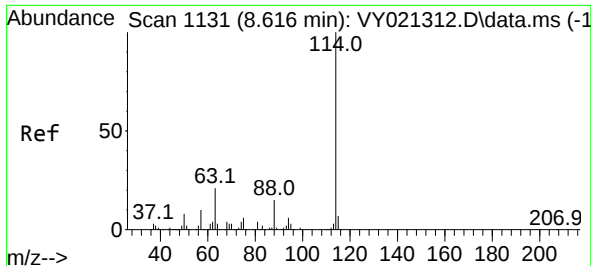


#33
1,2-Dichloroethane-d4
Concen: 58.639 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12



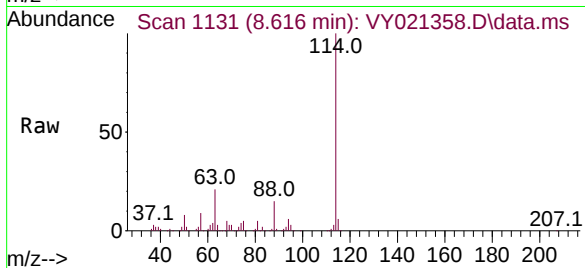
Tgt Ion: 65 Resp: 61063
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.6



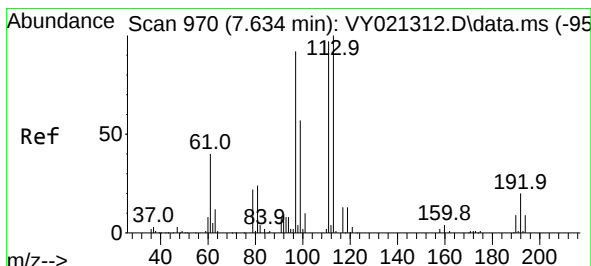
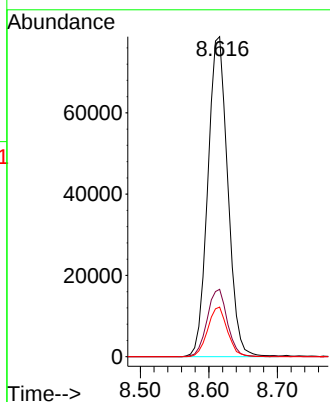
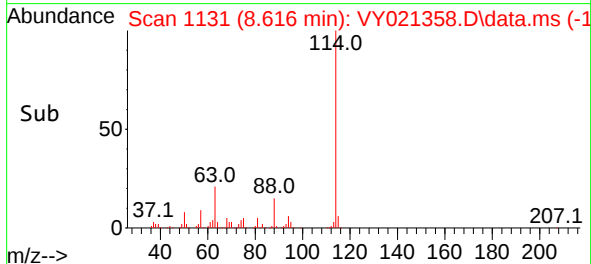


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

Instrument :
MSVOA_Y
ClientSampleId :

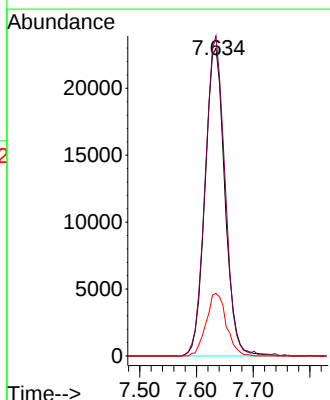
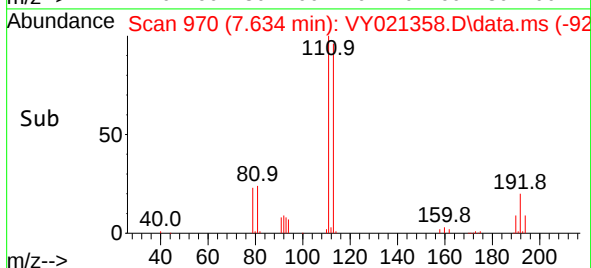
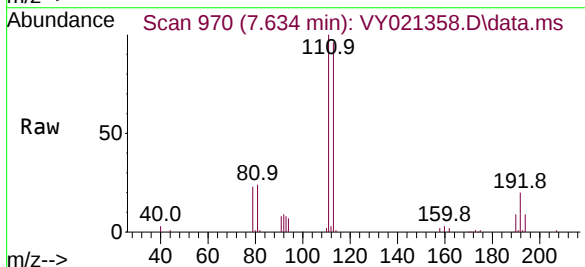


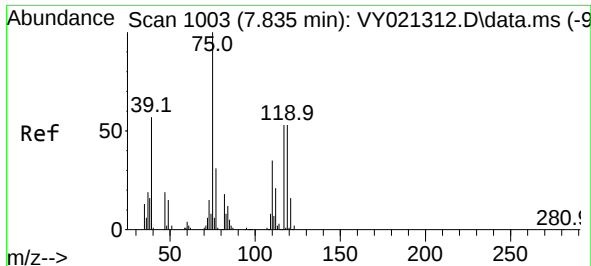
Tgt Ion:114 Resp: 159126
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 15.5 0.0 29.8



#35
Dibromofluoromethane
Concen: 53.644 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

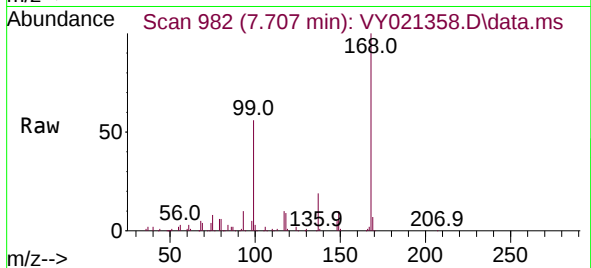
Tgt Ion:113 Resp: 55964
Ion Ratio Lower Upper
113 100
111 103.8 81.0 121.6
192 20.7 15.8 23.8



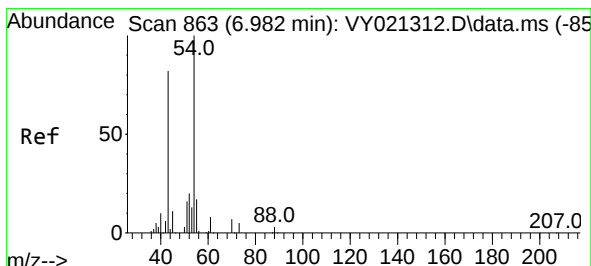
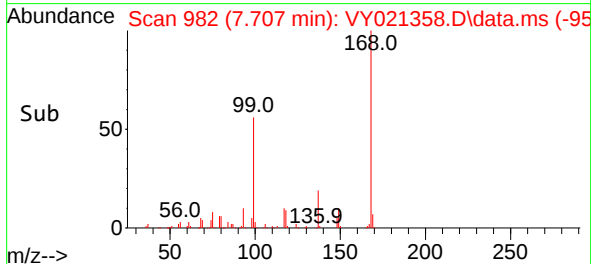
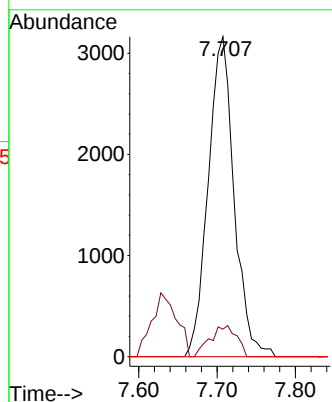


#36
1,1-Dichloropropene
Concen: 4.648 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

Instrument :
MSVOA_Y
ClientSampleId :

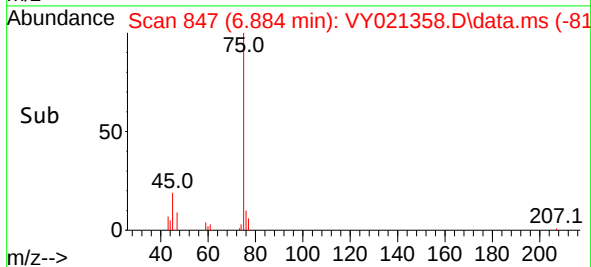
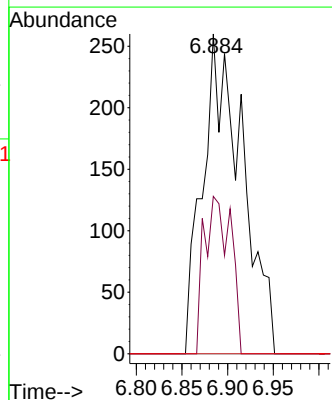
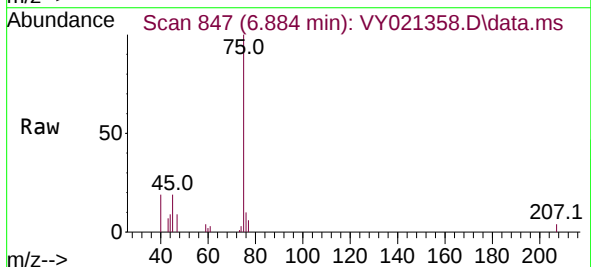


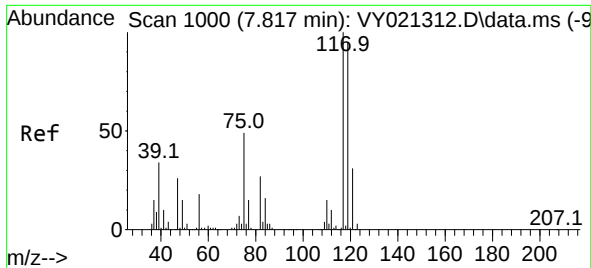
Tgt Ion: 75 Resp: 7283
Ion Ratio Lower Upper
75 100
110 9.9 16.9 50.7#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 1.006 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.097 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

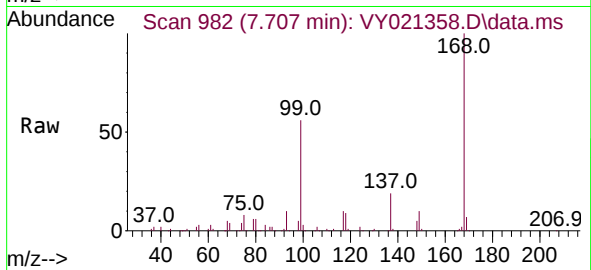
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
61 33.0 10.4 15.6#
70 0.0 7.5 11.3#



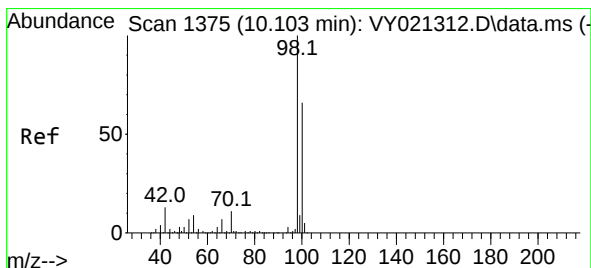
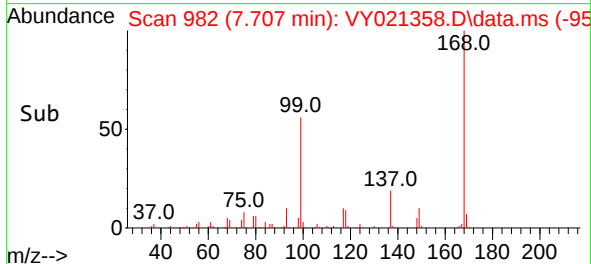
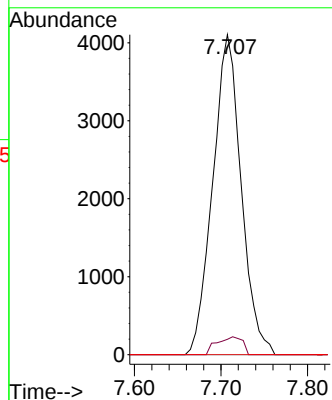


#38
Carbon Tetrachloride
Concen: 5.315 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

Instrument :
MSVOA_Y
ClientSampleId :

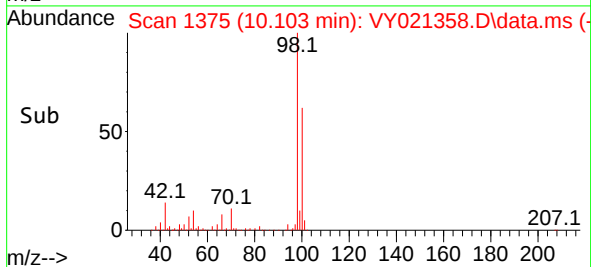
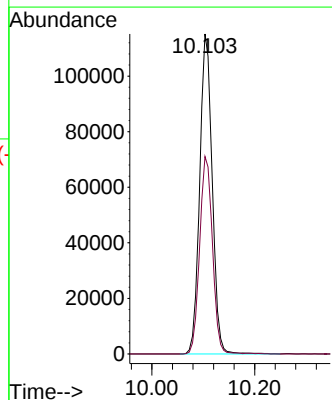
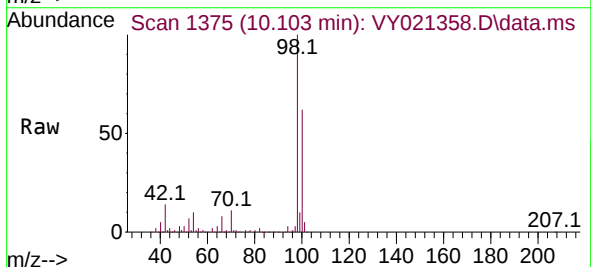


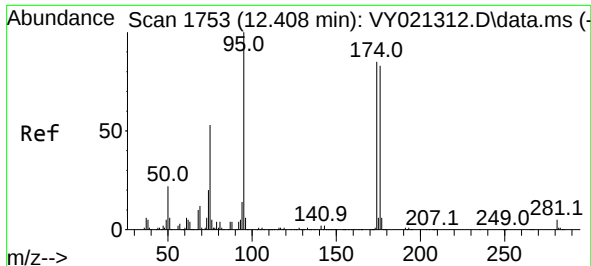
Tgt Ion:117 Resp: 9363
Ion Ratio Lower Upper
117 100
119 4.8 76.0 114.0#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 48.229 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

Tgt Ion: 98 Resp: 194452
Ion Ratio Lower Upper
98 100
100 63.1 52.4 78.6

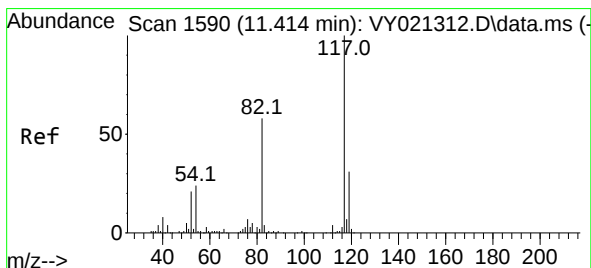
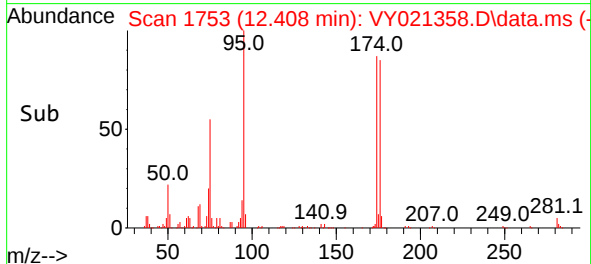
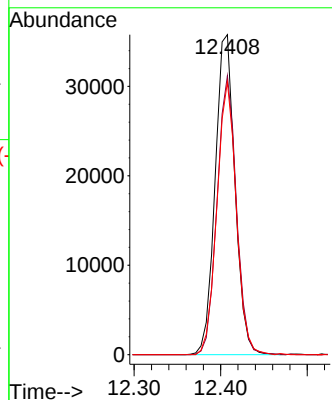
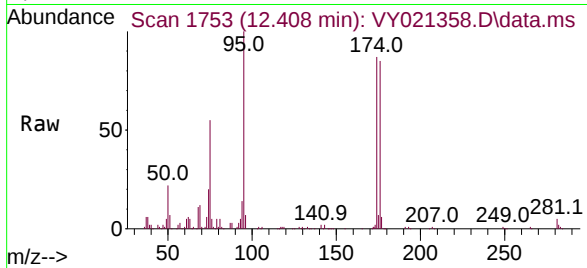




#62
4-Bromofluorobenzene
Concen: 41.946 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

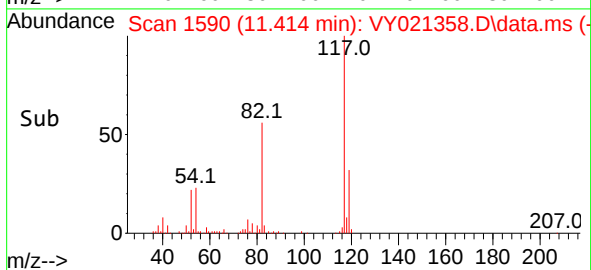
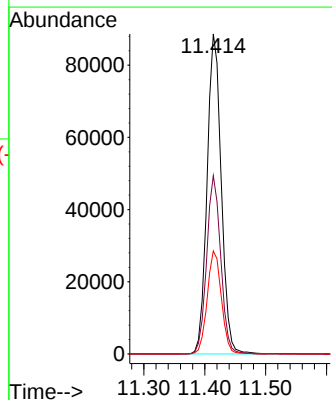
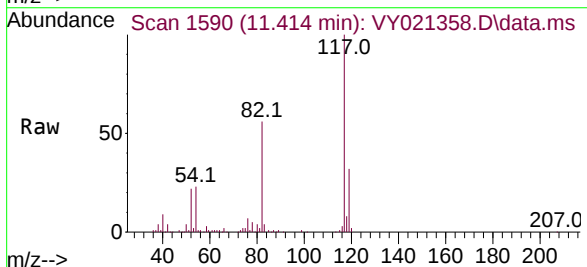
Instrument :
MSVOA_Y
ClientSampleId :

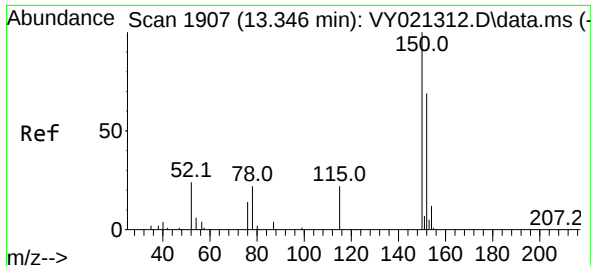
Tgt Ion: 95 Resp: 56916
Ion Ratio Lower Upper
95 100
174 85.0 0.0 168.0
176 83.1 0.0 162.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021358.D
Acq: 27 Feb 2025 15:12

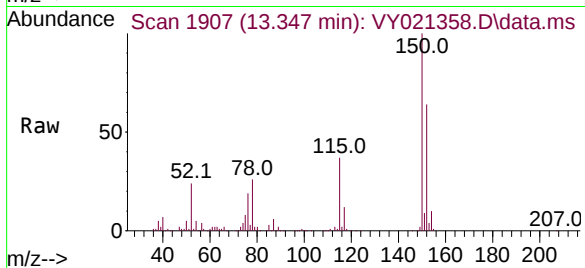
Tgt Ion: 117 Resp: 143467
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.2 24.9 37.3



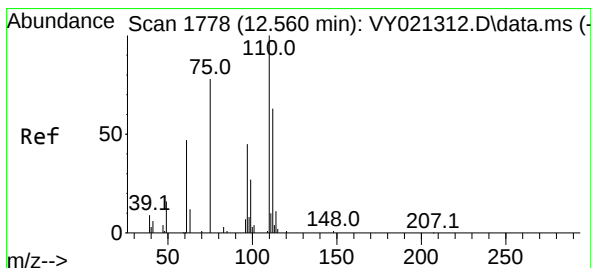
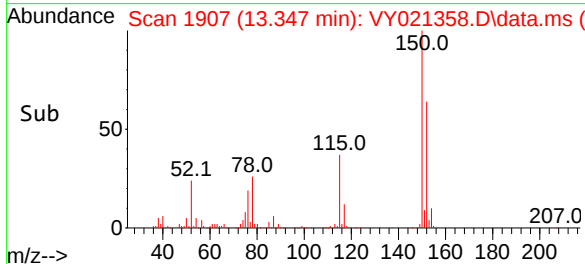
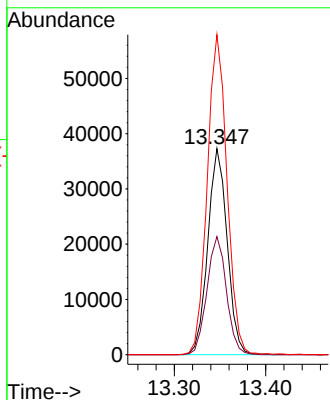


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021358.D
 Acq: 27 Feb 2025 15:12

Instrument :
 MSVOA_Y
 ClientSampleId :

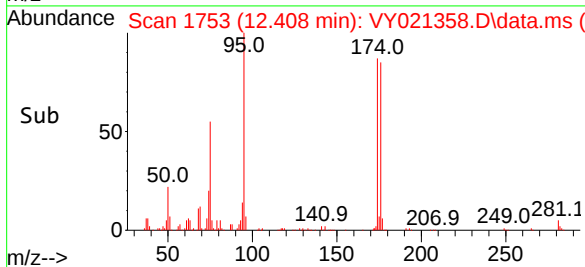
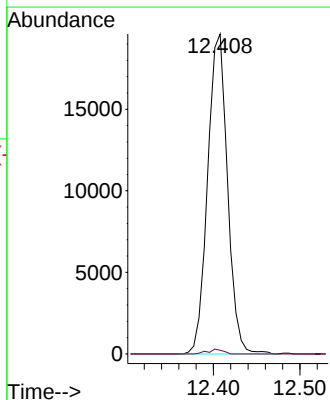
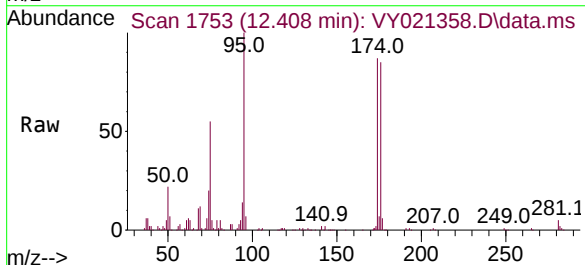


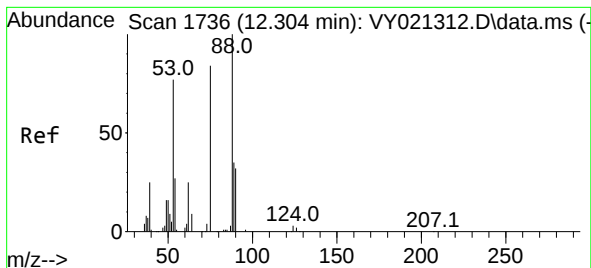
Tgt Ion:152 Resp: 54872
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.3 88.0
 150 158.2 0.0 347.4



#76
 1,2,3-Trichloropropane
 Concen: 56.862 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY021358.D
 Acq: 27 Feb 2025 15:12

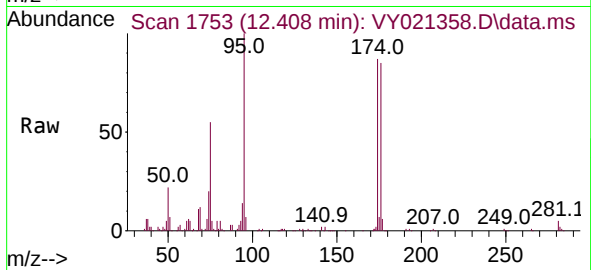
Tgt Ion: 75 Resp: 31231
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.385 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021358.D
 Acq: 27 Feb 2025 15:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 31231
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 0.0 35.6 53.4#

