

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021149.D
 Acq On : 10 Feb 2025 10:14
 Operator : SY/MD
 Sample : VY0210SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 11 00:26:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

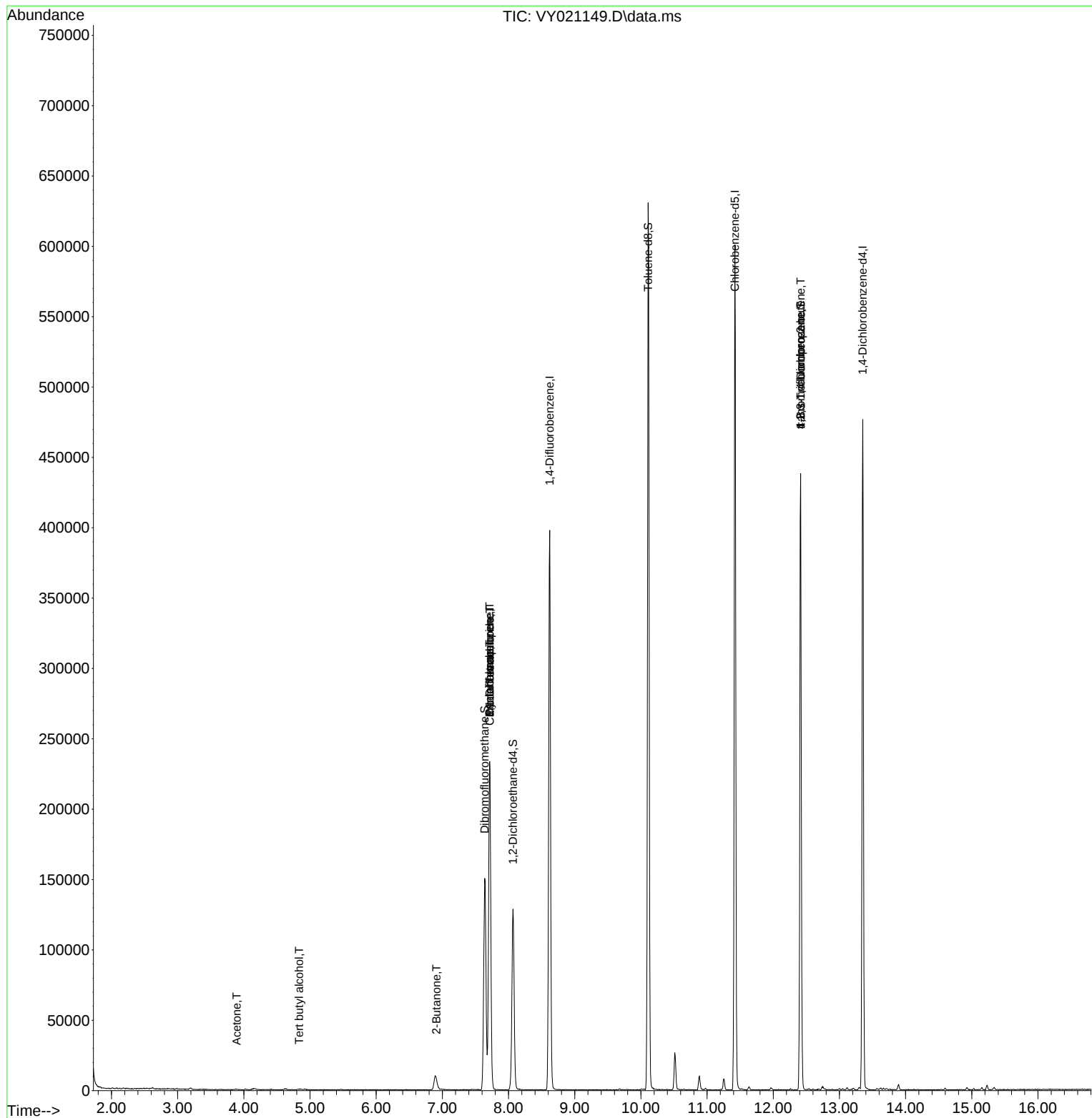
Internal Standards						
1) Pentafluorobenzene	7.713	168	180560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	329638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	302548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	115233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	103446	55.917	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.840%			
35) Dibromofluoromethane	7.640	113	108025	51.135	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.280%			
50) Toluene-d8	10.109	98	405340	50.399	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.414	95	125892	47.914	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 95.820%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.836	59	407	3.247	ug/l #	75
16) Acetone	3.891	43	627	2.173	ug/l #	75
25) 2-Butanone	6.909	43	731	1.542	ug/l #	48
31) Cyclohexane	7.713	56	4017	1.273	ug/l #	26
36) 1,1-Dichloropropene	7.713	75	14604	4.667	ug/l #	51
38) Carbon Tetrachloride	7.719	117	18760	5.131	ug/l #	17
76) 1,2,3-Trichloropropane	12.414	75	69584	66.568	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	69584	135.831	ug/l #	12

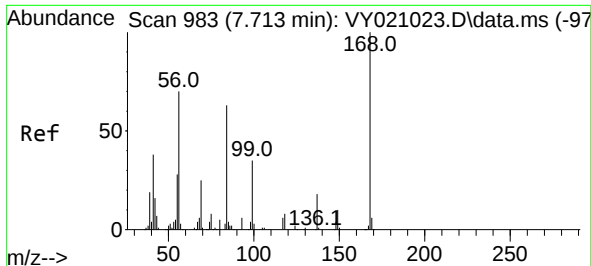
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

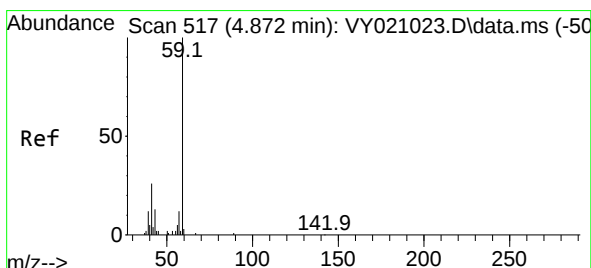
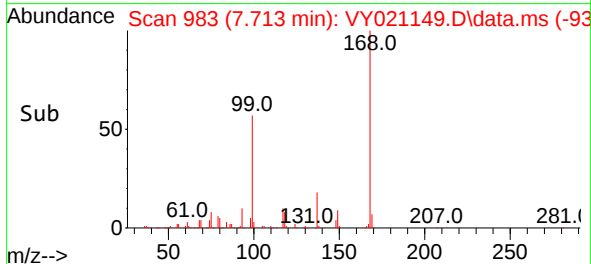
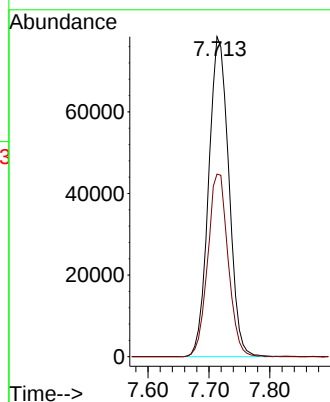
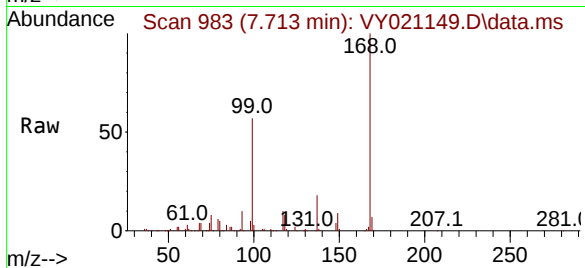




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

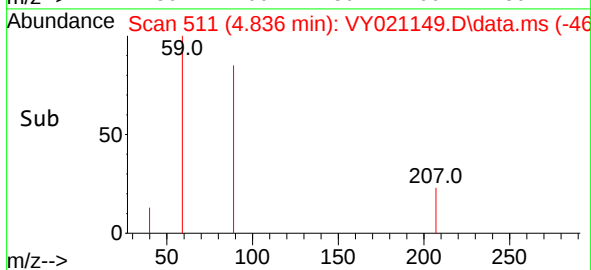
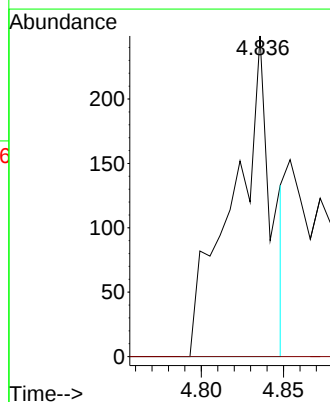
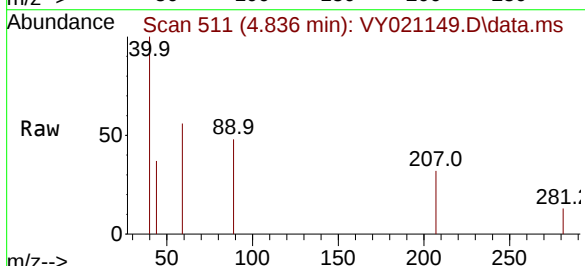
Instrument :
MSVOA_Y
ClientSampleId :

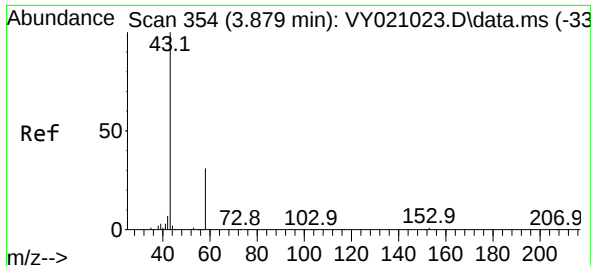
Tgt Ion:168 Resp: 180560
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#11
Tert butyl alcohol
Concen: 3.247 ug/l
RT: 4.836 min Scan# 511
Delta R.T. -0.037 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

Tgt Ion: 59 Resp: 407
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

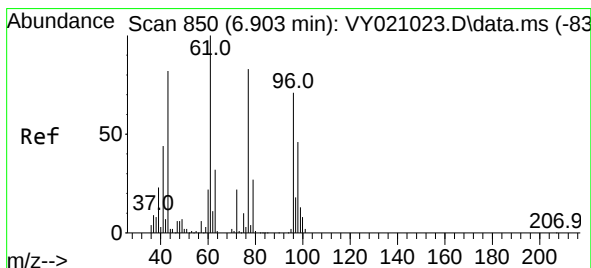
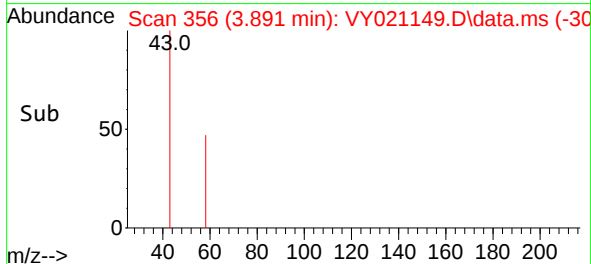
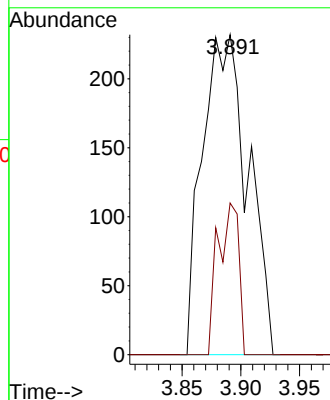
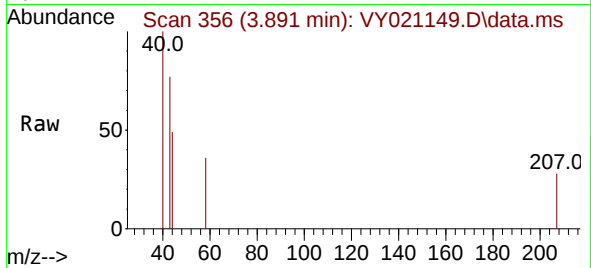




#16
Acetone
Concen: 2.173 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

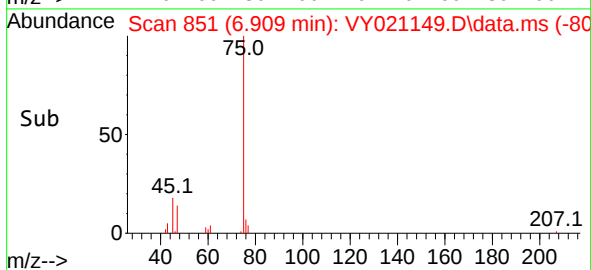
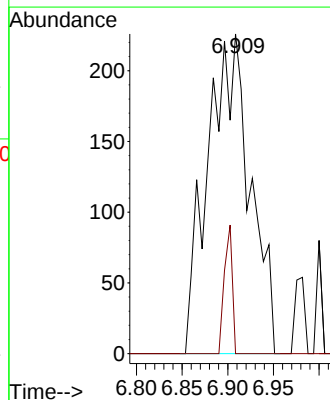
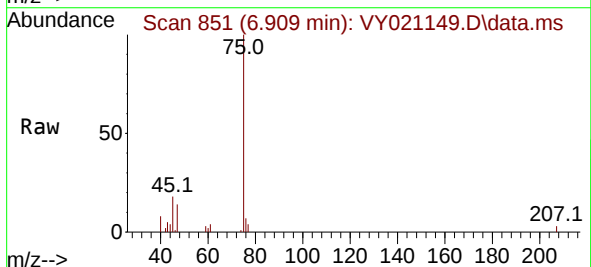
Instrument :
MSVOA_Y
ClientSampleId :

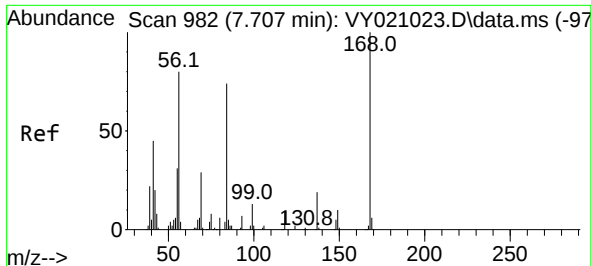
Tgt Ion: 43 Resp: 627
Ion Ratio Lower Upper
43 100
58 47.4 26.6 39.8#



#25
2-Butanone
Concen: 1.542 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

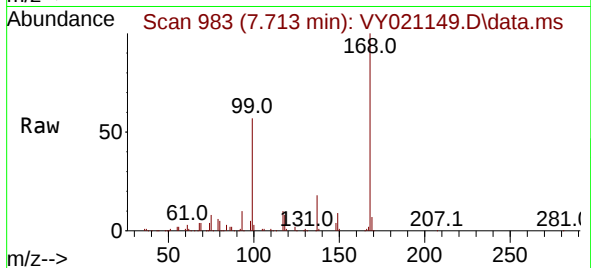
Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



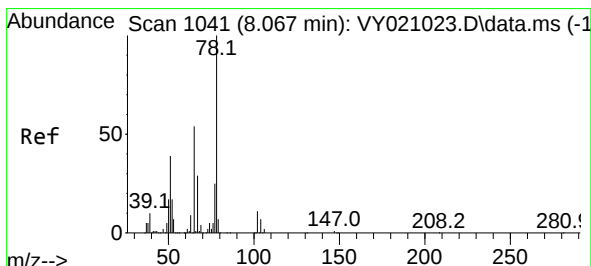
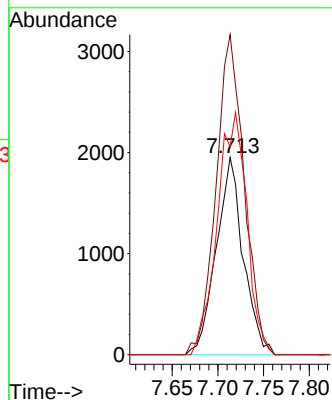
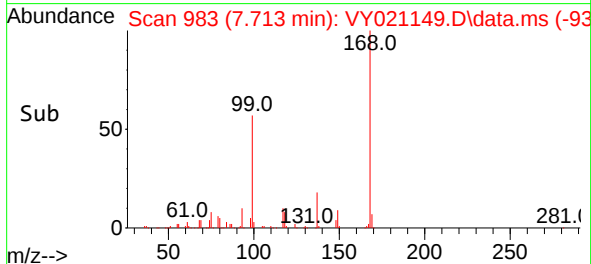


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

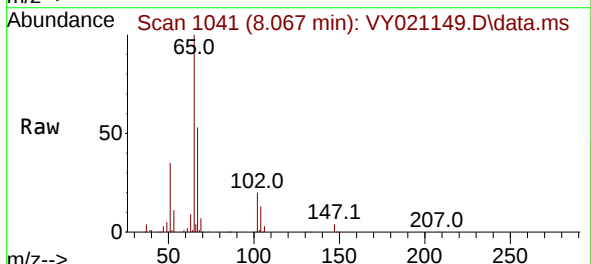
Instrument :
MSVOA_Y
ClientSampleId :



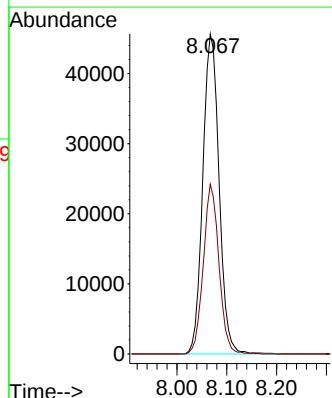
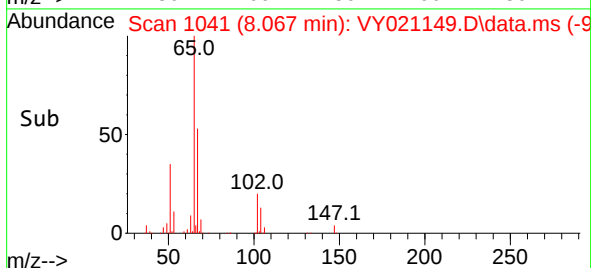
Tgt Ion: 56 Resp: 4017
Ion Ratio Lower Upper
56 100
69 162.4 27.0 40.6#
84 105.6 71.8 107.6

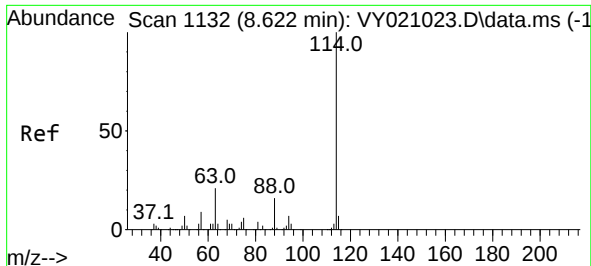


#33
1,2-Dichloroethane-d4
Concen: 55.917 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14



Tgt Ion: 65 Resp: 103446
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.0

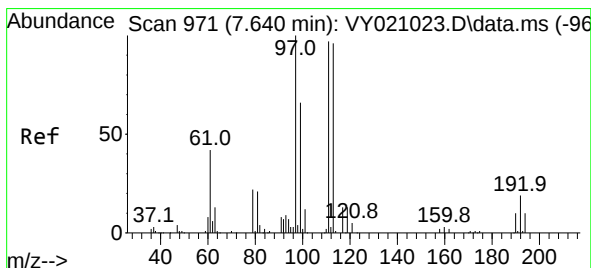
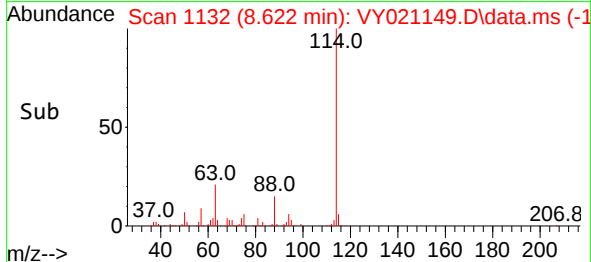
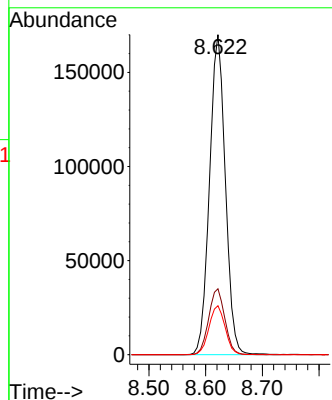
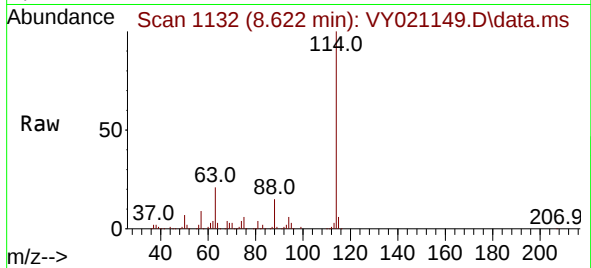




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

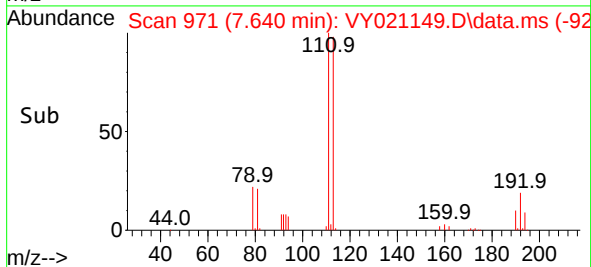
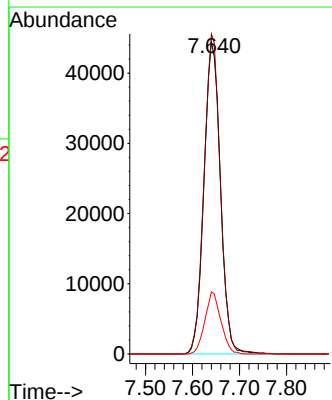
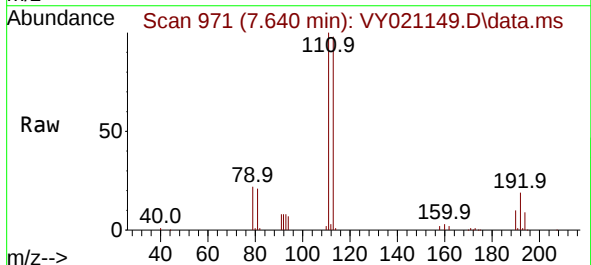
Instrument :
MSVOA_Y
ClientSampleId :

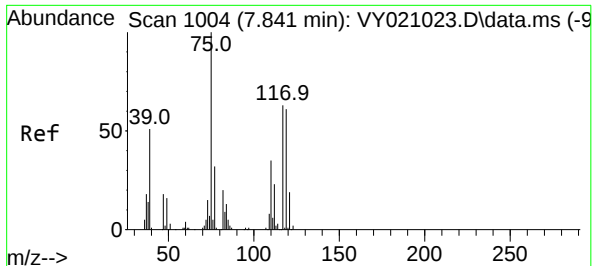
Tgt Ion:114 Resp: 329638
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.4
88 15.3 0.0 29.0



#35
Dibromofluoromethane
Concen: 51.135 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

Tgt Ion:113 Resp: 108025
Ion Ratio Lower Upper
113 100
111 101.5 83.8 125.6
192 19.3 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.667 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY021149.D

Acq: 10 Feb 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :

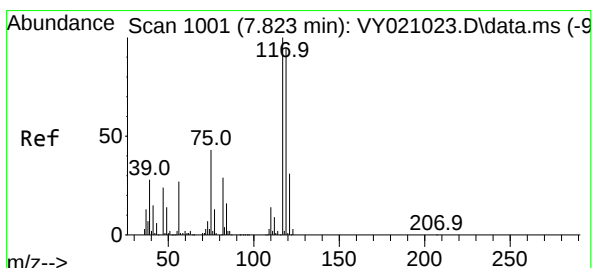
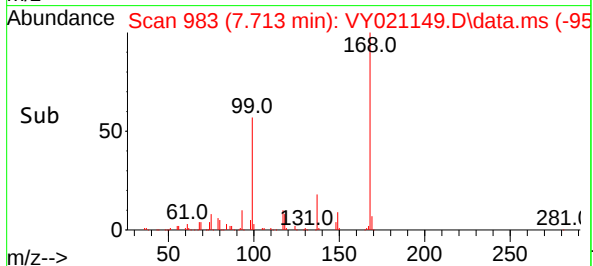
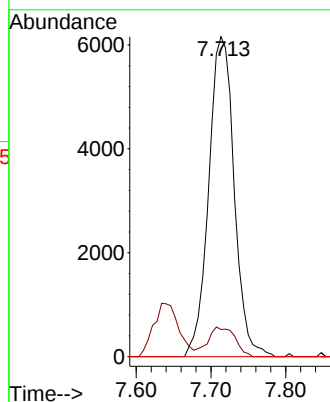
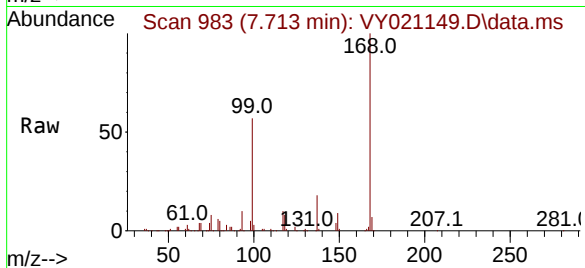
Tgt Ion: 75 Resp: 14604

Ion Ratio Lower Upper

75 100

110 9.9 17.4 52.3#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.131 ug/l

RT: 7.719 min Scan# 984

Delta R.T. -0.104 min

Lab File: VY021149.D

Acq: 10 Feb 2025 10:14

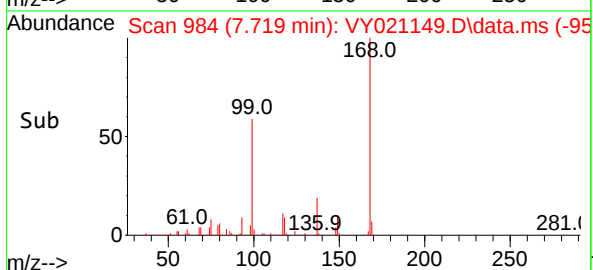
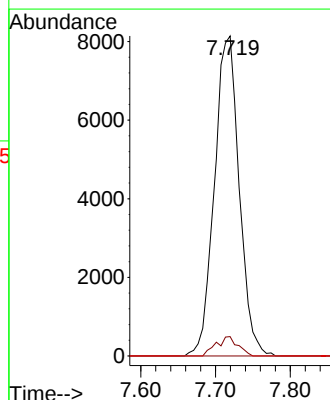
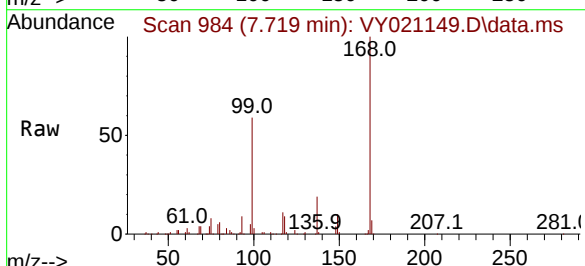
Tgt Ion: 117 Resp: 18760

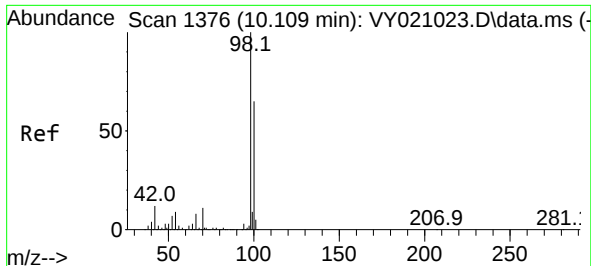
Ion Ratio Lower Upper

117 100

119 6.1 76.0 114.0#

121 0.0 24.2 36.2#

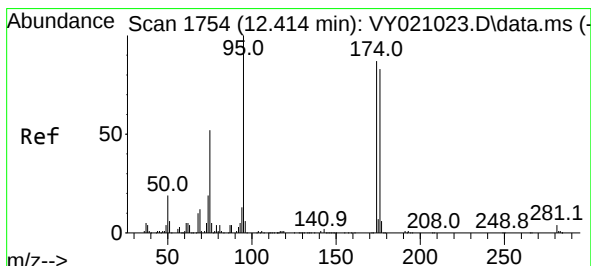
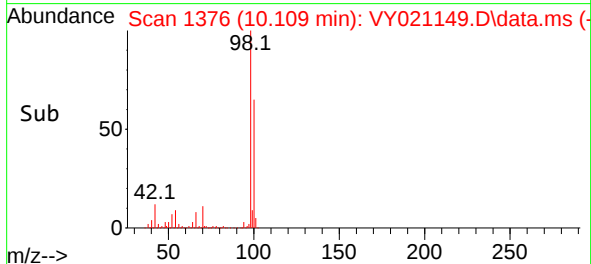
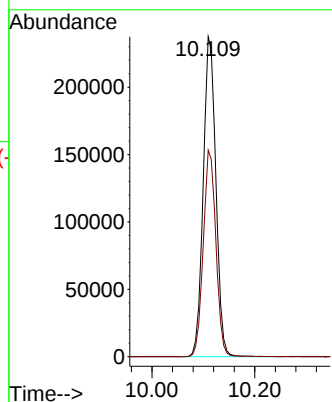
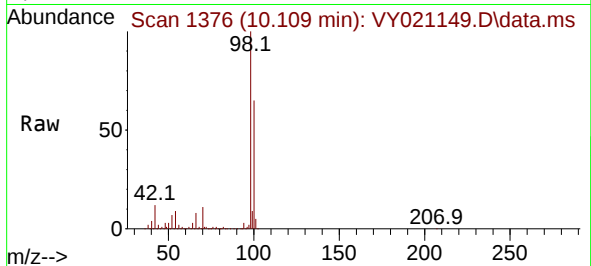




#50
Toluene-d8
Concen: 50.399 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

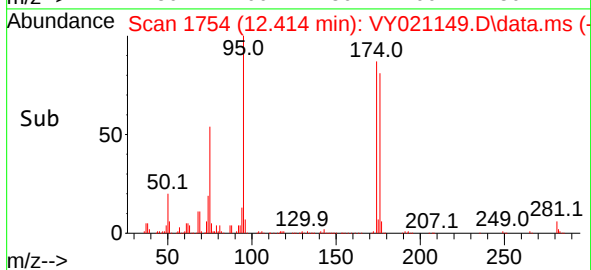
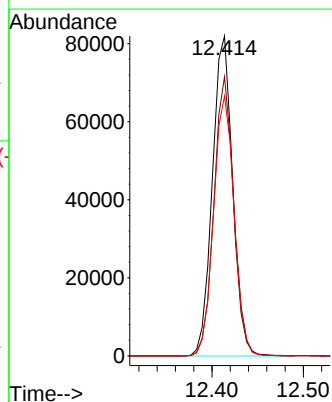
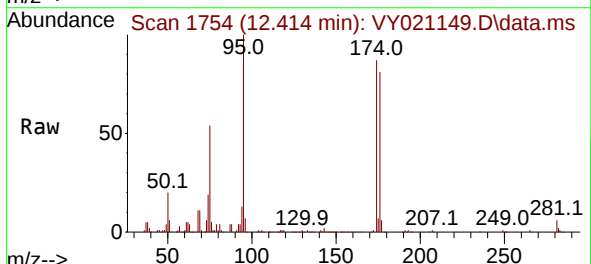
Instrument :
MSVOA_Y
ClientSampleId :

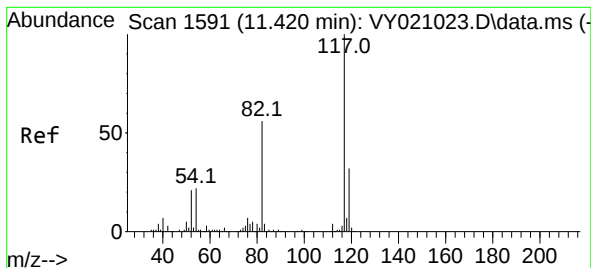
Tgt Ion: 98 Resp: 405340
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.914 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

Tgt Ion: 95 Resp: 125892
Ion Ratio Lower Upper
95 100
174 85.8 0.0 160.0
176 82.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

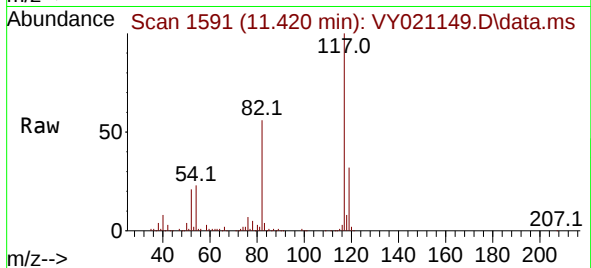
Lab File: VY021149.D

Acq: 10 Feb 2025 10:14

Instrument :

MSVOA_Y

ClientSampleId :



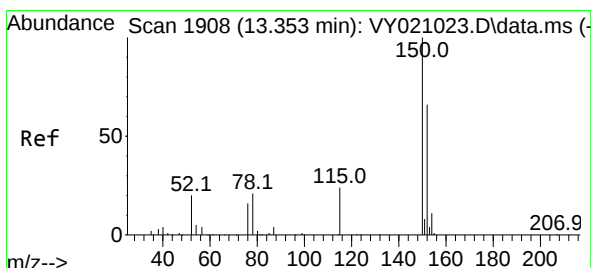
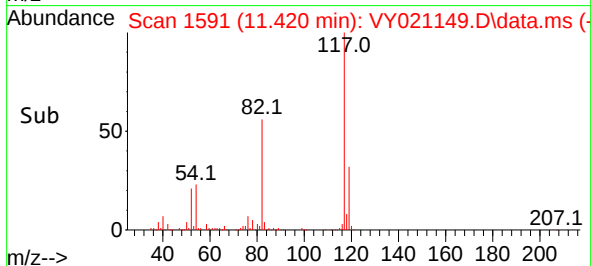
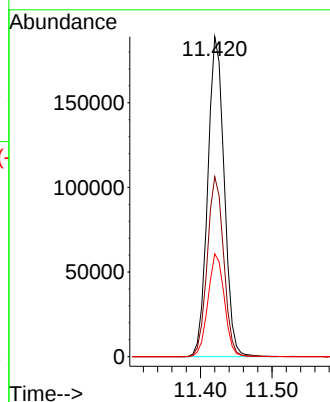
Tgt Ion:117 Resp: 302548

Ion Ratio Lower Upper

117 100

82 56.2 43.8 65.8

119 32.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021149.D

Acq: 10 Feb 2025 10:14

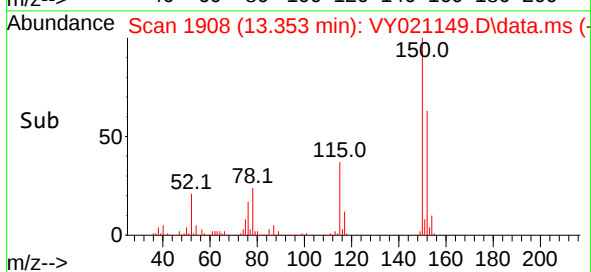
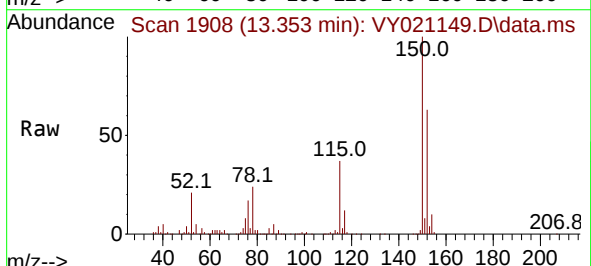
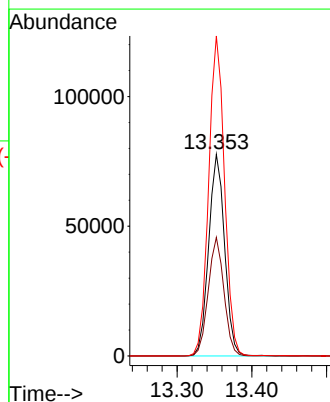
Tgt Ion:152 Resp: 115233

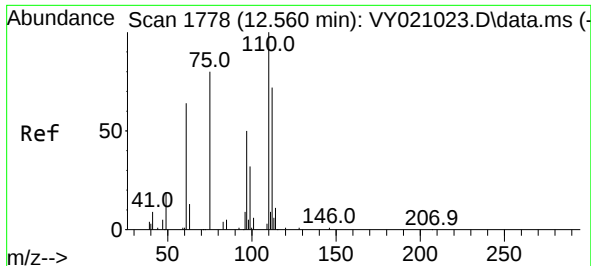
Ion Ratio Lower Upper

152 100

115 57.9 30.0 90.0

150 157.4 0.0 344.6

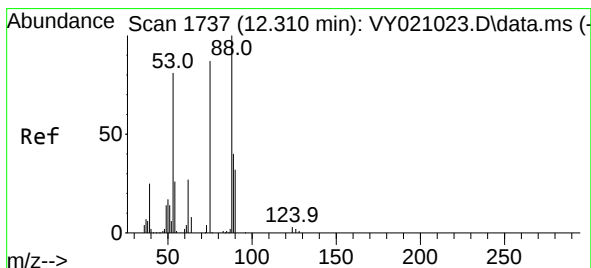
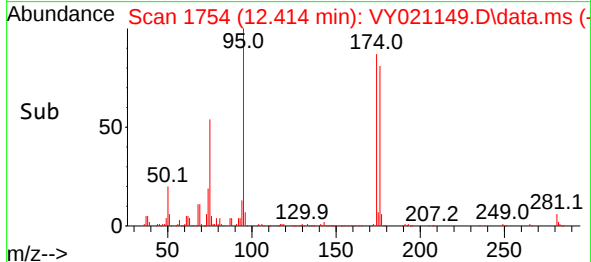
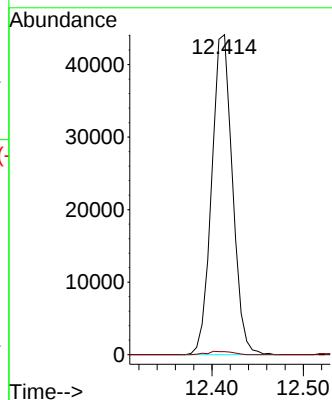
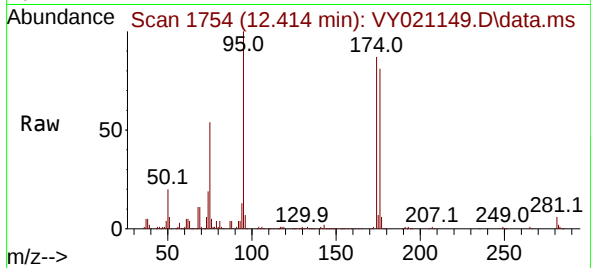




#76
1,2,3-Trichloropropane
Concen: 66.568 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69584
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.831 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.103 min
Lab File: VY021149.D
Acq: 10 Feb 2025 10:14

Tgt Ion: 75 Resp: 69584
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.1 36.5 54.7#

