

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042125\
 Data File : VY021948.D
 Acq On : 21 Apr 2025 15:08
 Operator : SY/MD
 Sample : Q1851-05
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GP5

Quant Time: Apr 22 02:45:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

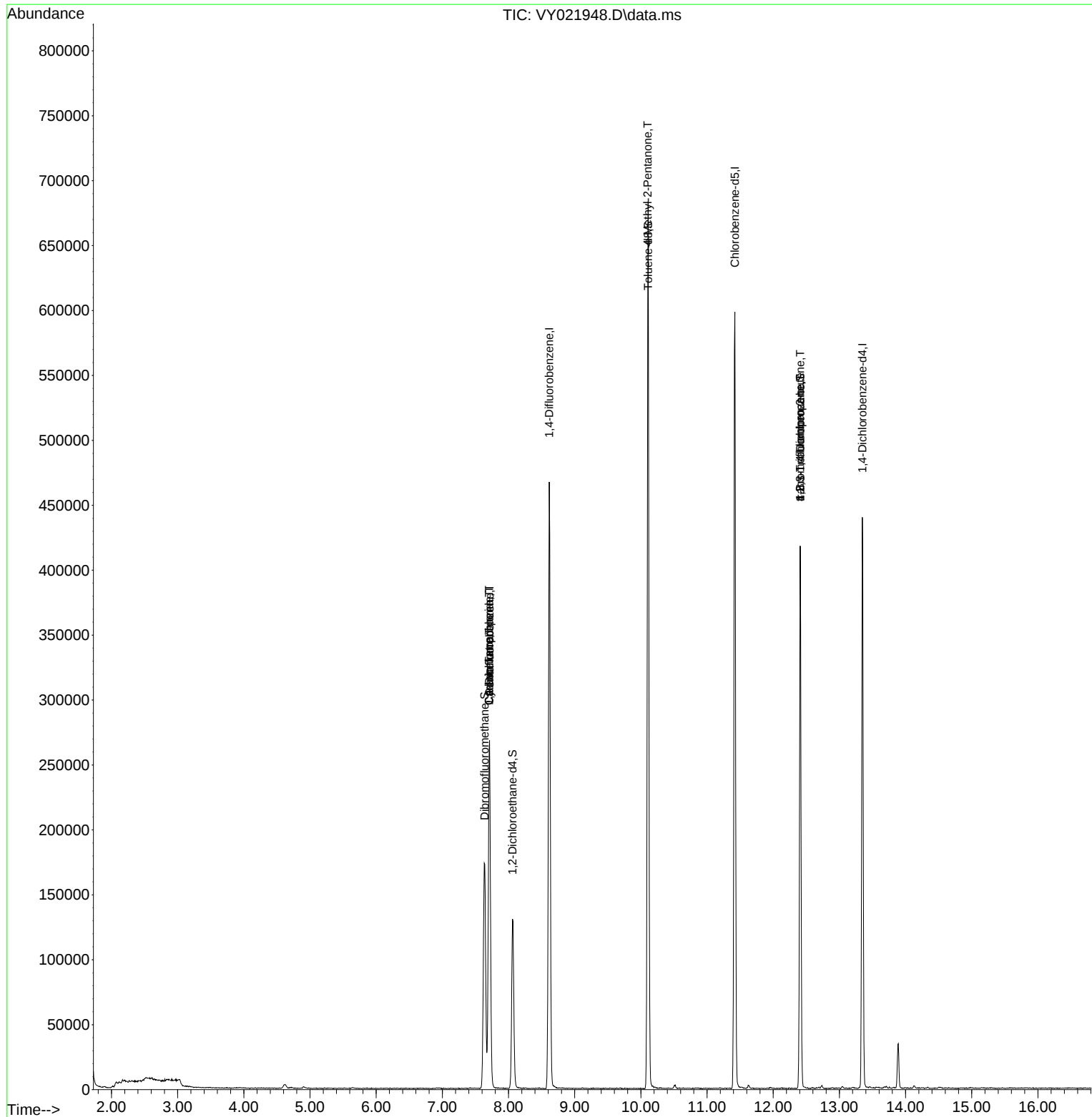
Internal Standards						
1) Pentafluorobenzene	7.713	168	202834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	379948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	314728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	108735	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	104981	47.770	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.540%		
35) Dibromofluoromethane	7.640	113	124478	50.505	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.020%		
50) Toluene-d8	10.109	98	428087	45.656	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.320%		
62) 4-Bromofluorobenzene	12.408	95	118391	37.330	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.660%		
Target Compounds						
20) Methylene Chloride	4.616	84	2277	Below Cal	#	91
31) Cyclohexane	7.707	56	4572	1.179	ug/l #	1
36) 1,1-Dichloropropene	7.707	75	16877	4.496	ug/l #	51
38) Carbon Tetrachloride	7.707	117	20620	4.796	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	1992	1.140	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	61707	57.250	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	61707	131.915	ug/l #	12

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

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Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration

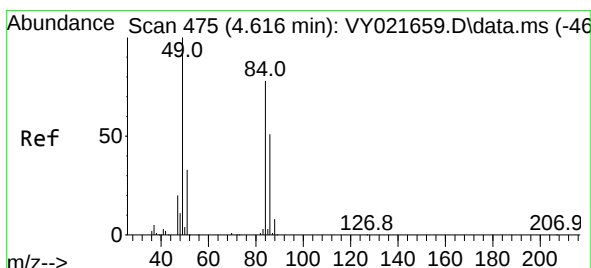
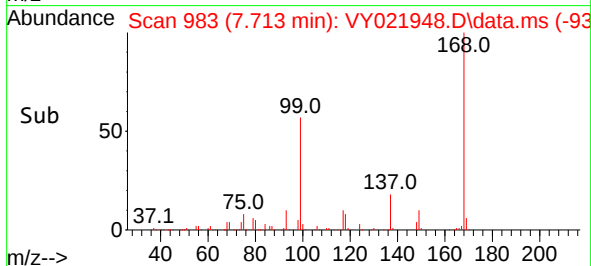
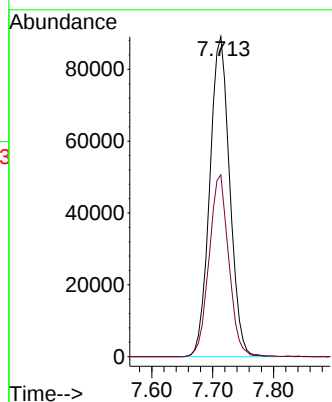
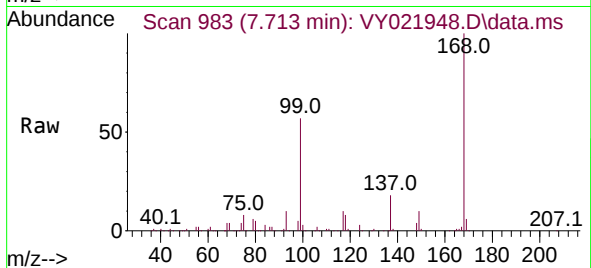




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

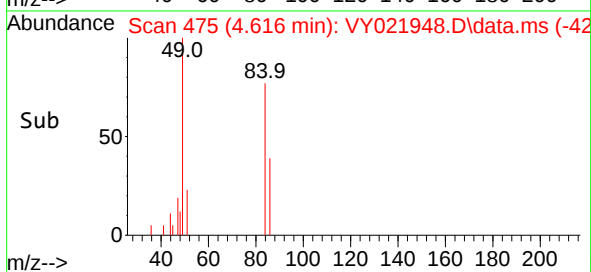
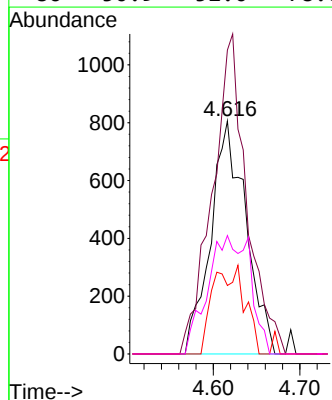
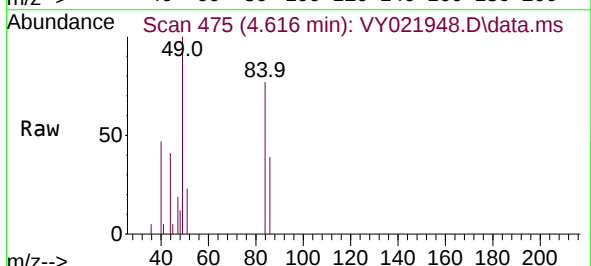
Instrument :
MSVOA_Y
ClientSampleId :
GP5

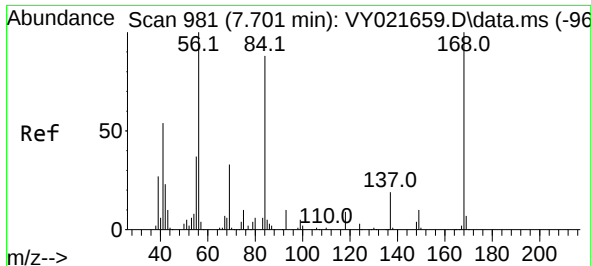
Tgt Ion:168 Resp: 202834
Ion Ratio Lower Upper
168 100
99 56.9 46.7 70.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Tgt Ion: 84 Resp: 2277
Ion Ratio Lower Upper
84 100
49 130.4 102.8 154.2
51 29.4 33.5 50.3#
86 50.9 52.0 78.0#

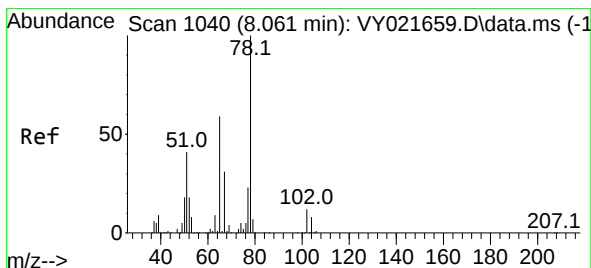
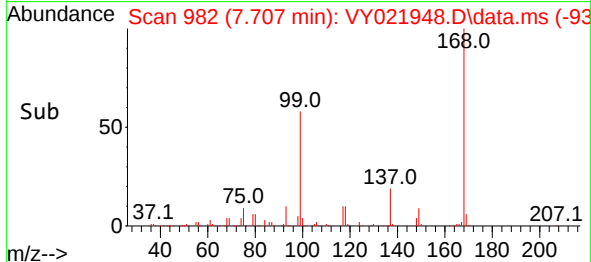
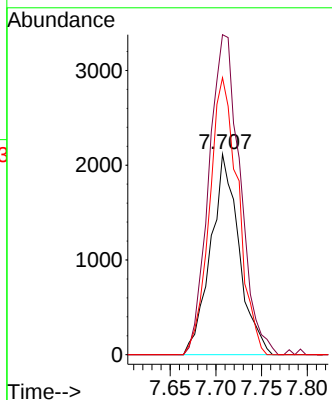
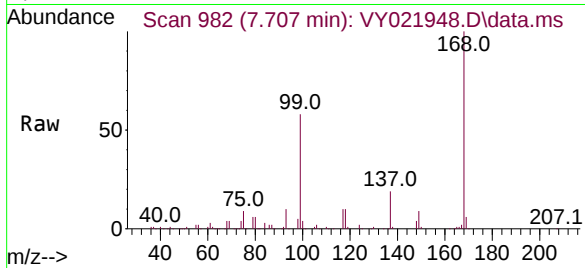




#31
Cyclohexane
Concen: 1.179 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

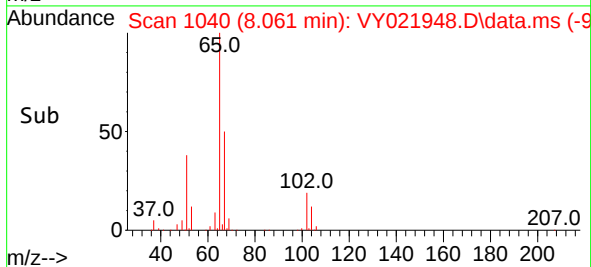
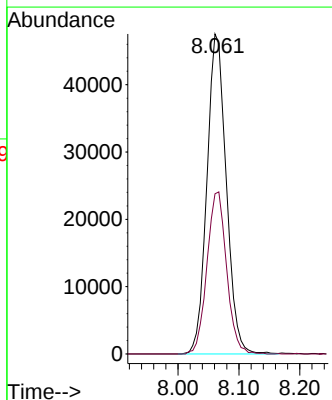
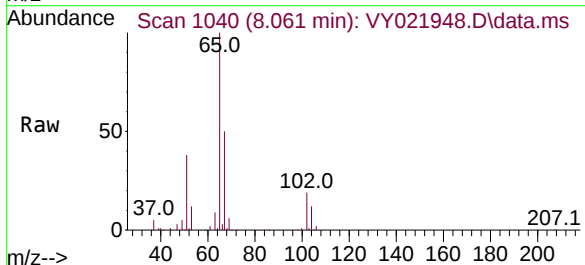
Instrument :
MSVOA_Y
ClientSampleId :
GP5

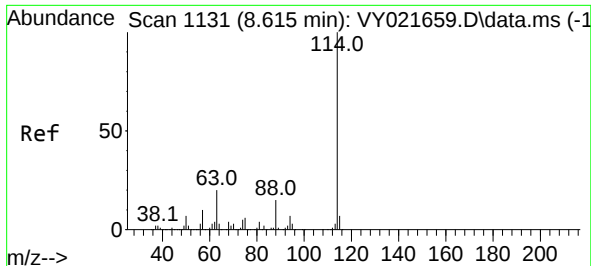
Tgt Ion: 56 Resp: 4572
Ion Ratio Lower Upper
56 100
69 159.6 26.6 40.0#
84 138.1 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 47.770 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Tgt Ion: 65 Resp: 104981
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.6

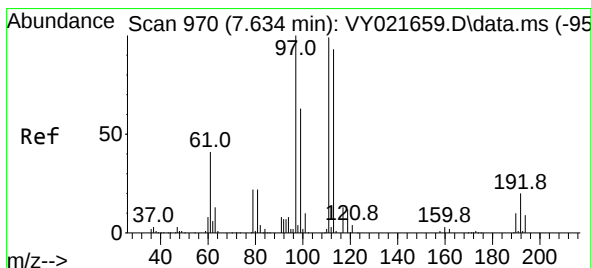
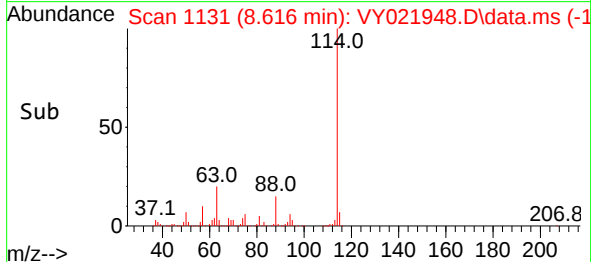
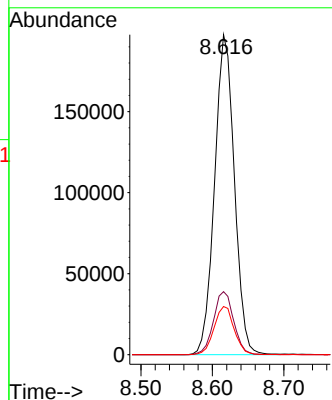
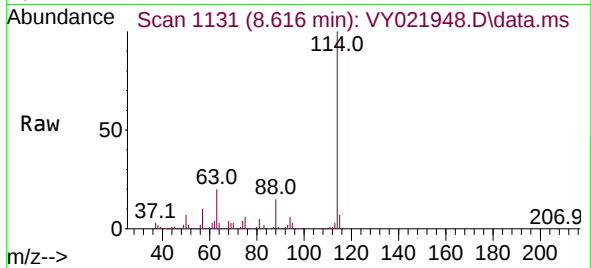




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

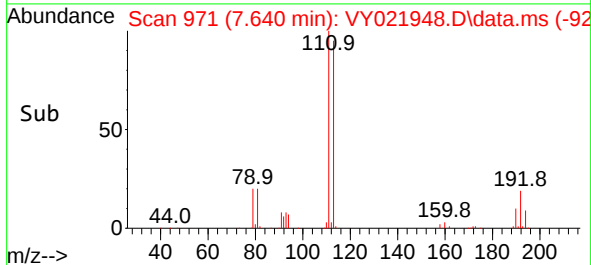
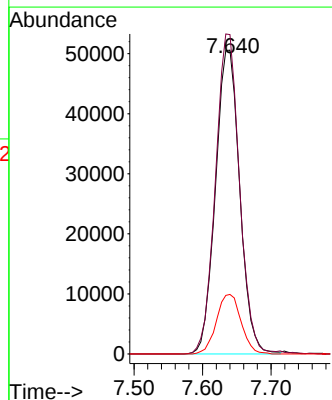
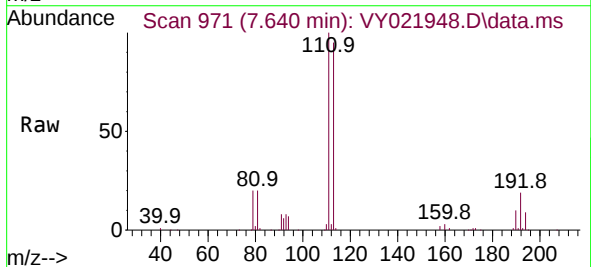
Instrument :
MSVOA_Y
ClientSampleId :
GP5

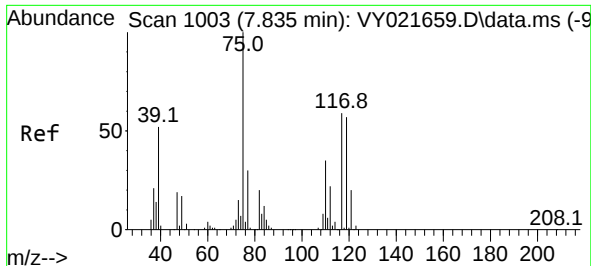
Tgt Ion:114 Resp: 379948
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.2
88 15.0 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.505 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Tgt Ion:113 Resp: 124478
Ion Ratio Lower Upper
113 100
111 104.6 82.6 123.8
192 19.8 16.2 24.4

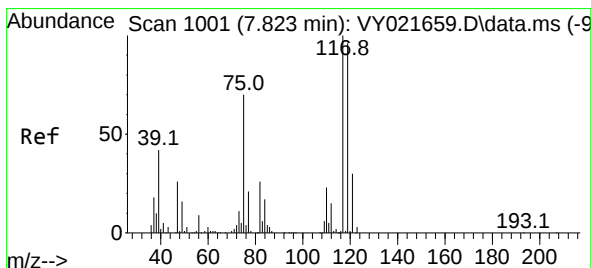
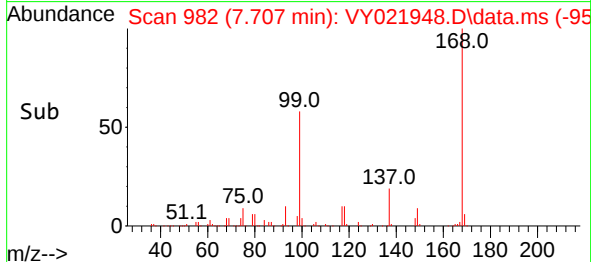
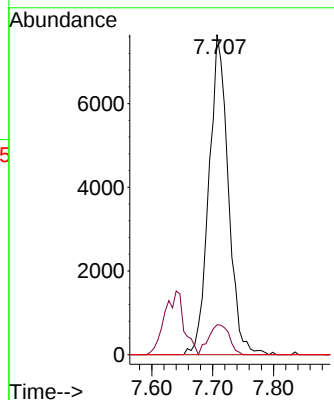
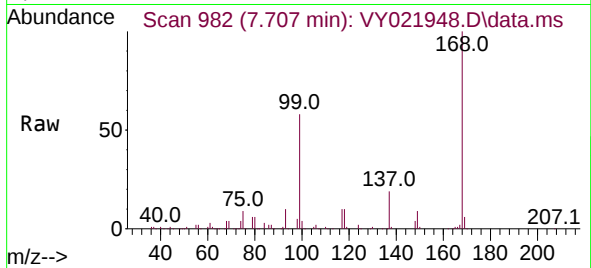




#36
 1,1-Dichloropropene
 Concen: 4.496 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY021948.D
 Acq: 21 Apr 2025 15:08

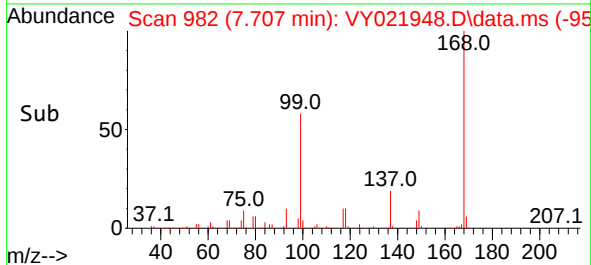
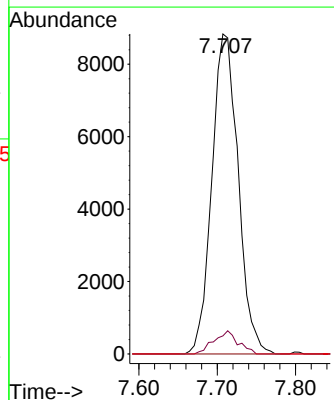
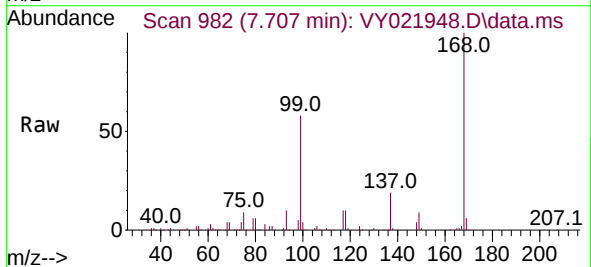
Instrument :
 MSVOA_Y
 ClientSampleId :
 GP5

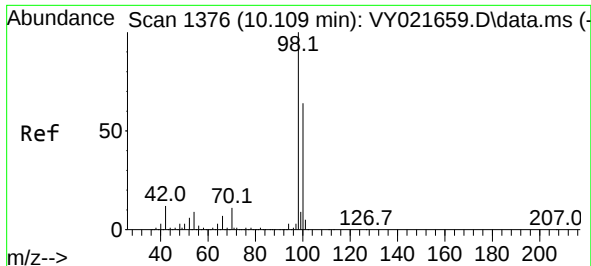
Tgt Ion: 75 Resp: 16877
 Ion Ratio Lower Upper
 75 100
 110 10.0 17.0 50.9#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 4.796 ug/l
 RT: 7.707 min Scan# 982
 Delta R.T. -0.116 min
 Lab File: VY021948.D
 Acq: 21 Apr 2025 15:08

Tgt Ion: 117 Resp: 20620
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.2 114.4#
 121 0.0 24.2 36.4#

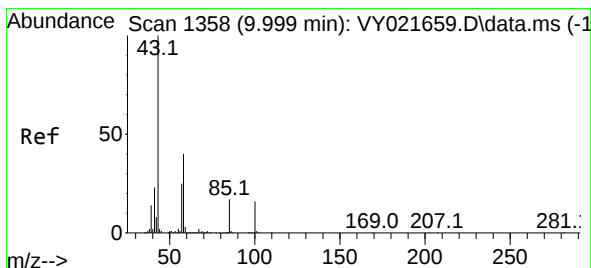
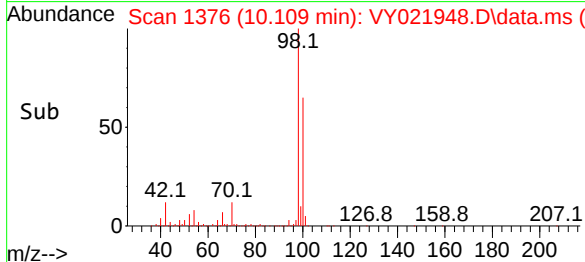
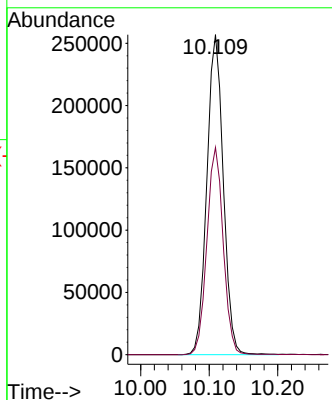
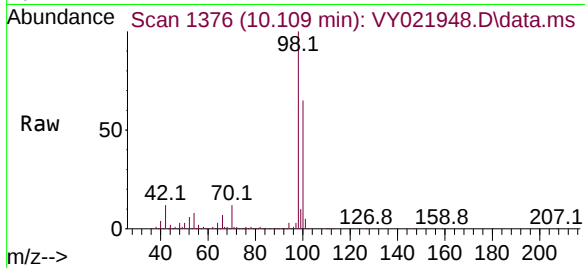




#50
Toluene-d8
Concen: 45.656 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

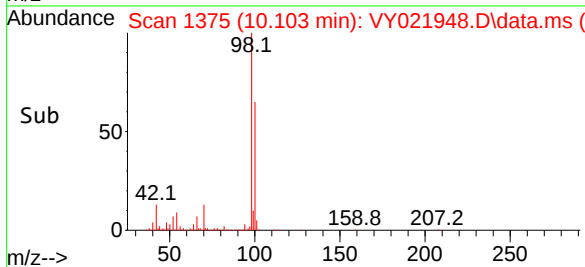
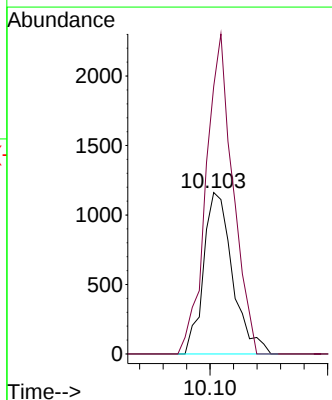
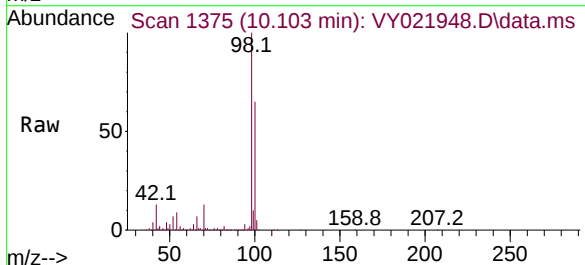
Instrument :
MSVOA_Y
ClientSampleId :
GP5

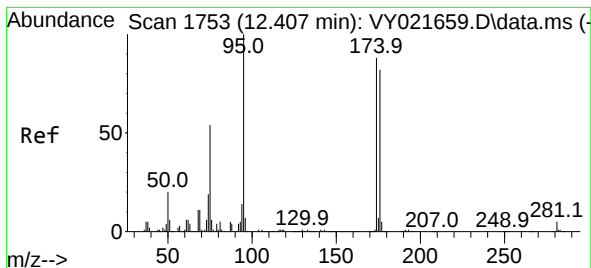
Tgt Ion: 98 Resp: 428087
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.140 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.104 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Tgt Ion: 43 Resp: 1992
Ion Ratio Lower Upper
43 100
58 183.6 31.5 47.3#

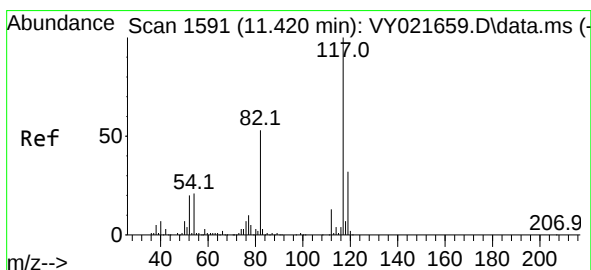
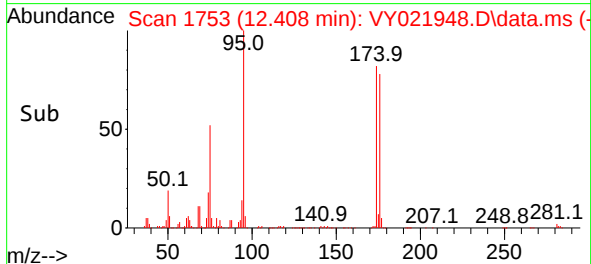
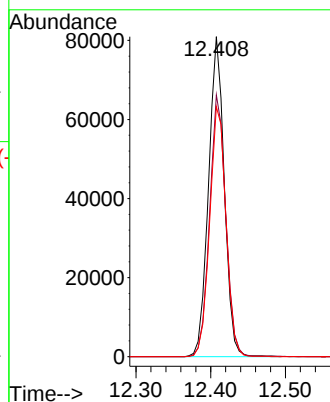
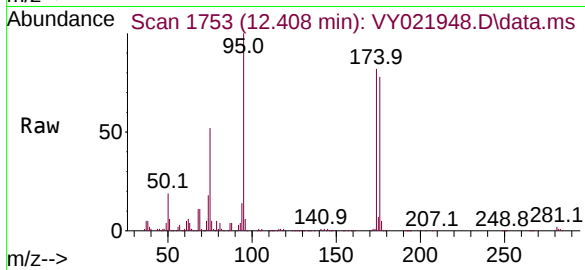




#62
4-Bromofluorobenzene
Concen: 37.330 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

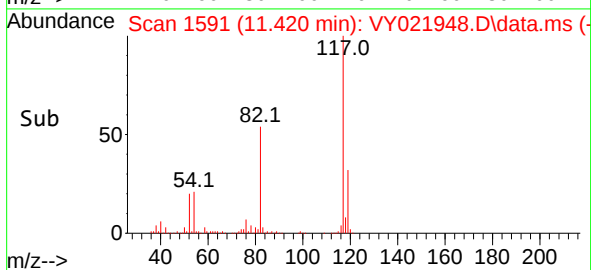
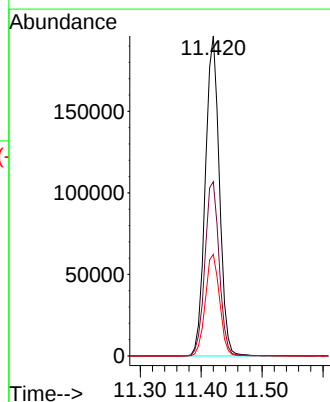
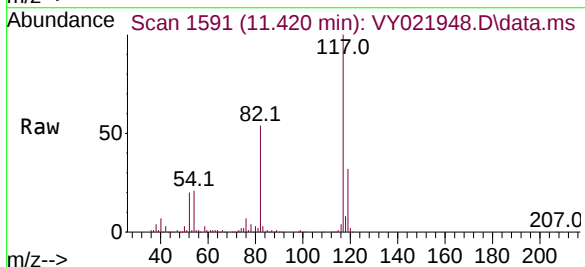
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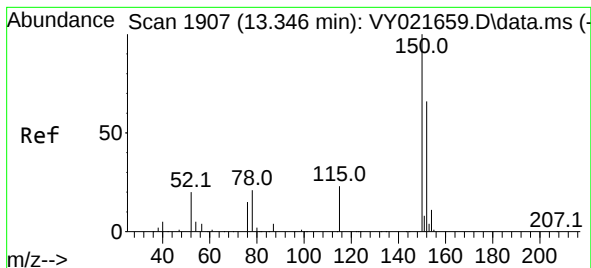
Tgt Ion: 95 Resp: 118391
Ion Ratio Lower Upper
95 100
174 83.9 0.0 170.8
176 81.0 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021948.D
Acq: 21 Apr 2025 15:08

Tgt Ion: 117 Resp: 314728
Ion Ratio Lower Upper
117 100
82 54.5 42.8 64.2
119 31.8 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021948.D

Acq: 21 Apr 2025 15:08

Instrument :

MSVOA_Y

ClientSampleId :

GP5

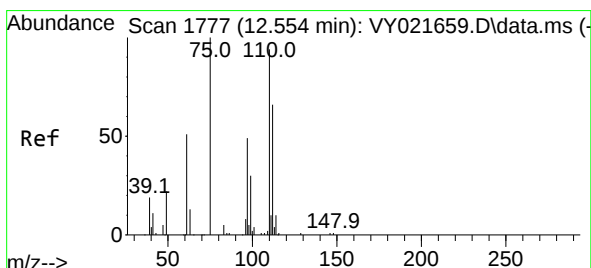
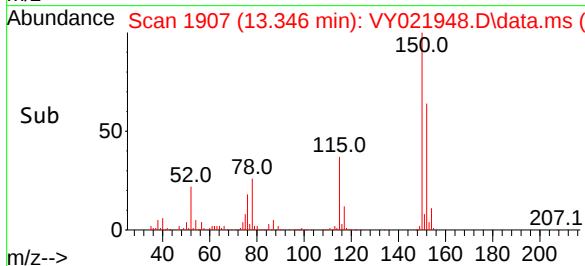
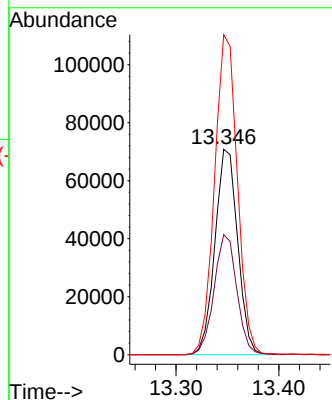
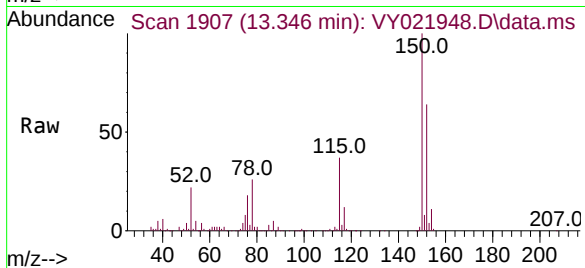
Tgt Ion:152 Resp: 108735

Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 156.5 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 57.250 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021948.D

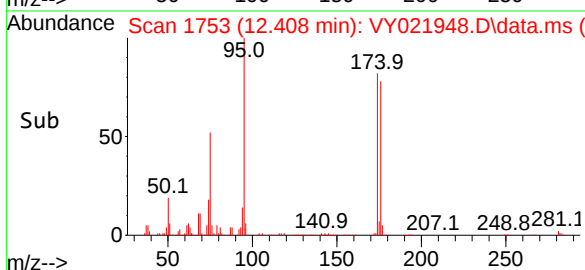
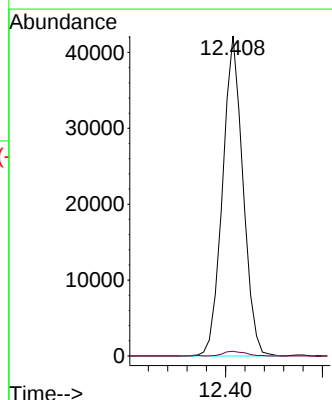
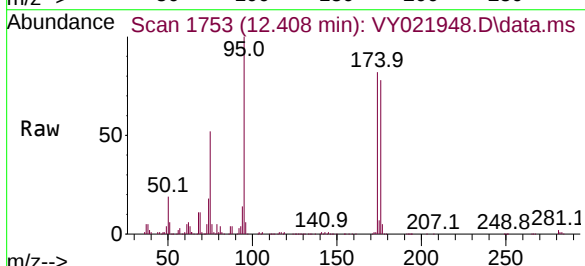
Acq: 21 Apr 2025 15:08

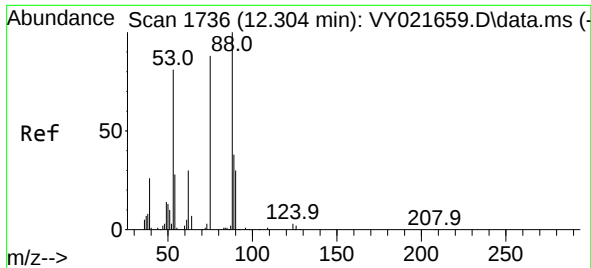
Tgt Ion: 75 Resp: 61707

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.915 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021948.D
 Acq: 21 Apr 2025 15:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 GP5

Tgt Ion: 75 Resp: 61707
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.2 54.4#

