

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
 Data File : VY021749.D
 Acq On : 02 Apr 2025 10:19
 Operator : SY/MD
 Sample : VY0402SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0402SBL01

Quant Time: Apr 03 03:34:26 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)

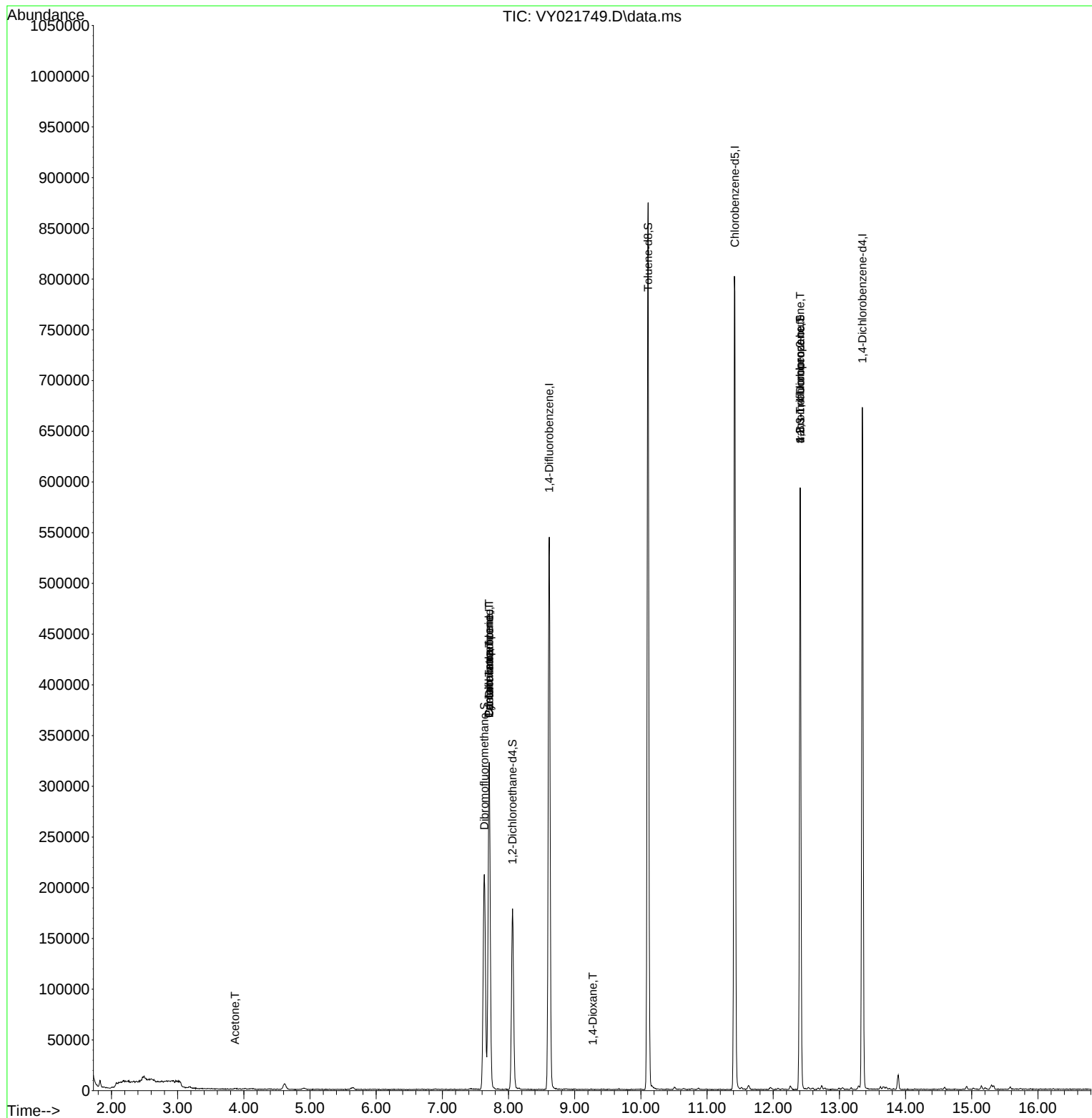
Internal Standards						
1) Pentafluorobenzene	7.707	168	243767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	452818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	417006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142242	53.856	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.720%			
35) Dibromofluoromethane	7.634	113	153366	52.212	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.420%			
50) Toluene-d8	10.109	98	556095	49.764	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.520%			
62) 4-Bromofluorobenzene	12.407	95	175264	46.369	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 92.740%			
Target Compounds					Qvalue	
16) Acetone	3.866	43	901	1.667	ug/l #	78
20) Methylene Chloride	4.622	84	4074	Below Cal	#	75
31) Cyclohexane	7.707	56	5643	1.211	ug/l #	10
36) 1,1-Dichloropropene	7.707	75	19953	4.460	ug/l #	51
38) Carbon Tetrachloride	7.707	117	24878	4.855	ug/l #	17
49) 1,4-Dioxane	9.274	88	22	1.124	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	91112	55.449	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	91112	127.764	ug/l #	12

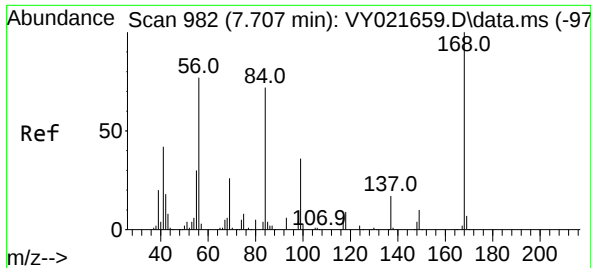
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040225\
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ClientSampleId :
VY0402SBL01

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Quant Title : SW846 8260
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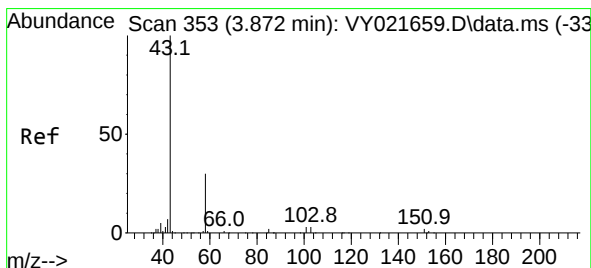
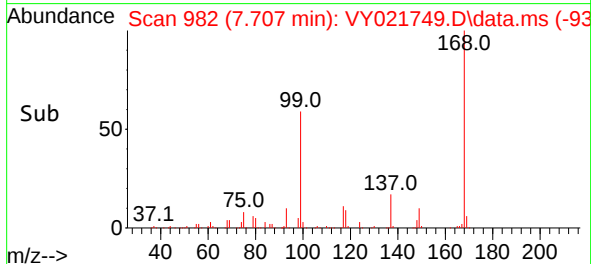
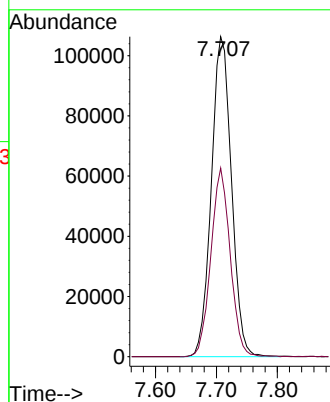
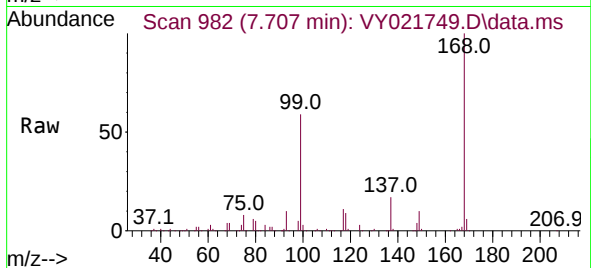




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021749.D
Acq: 02 Apr 2025 10:19

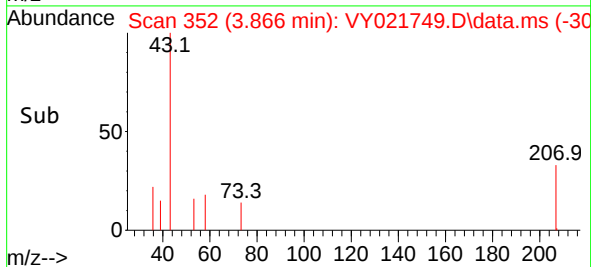
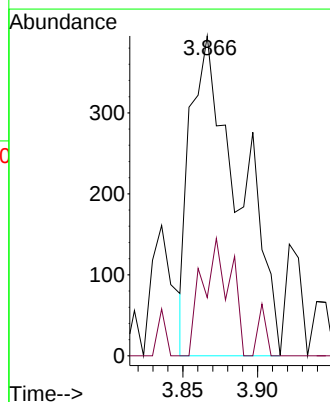
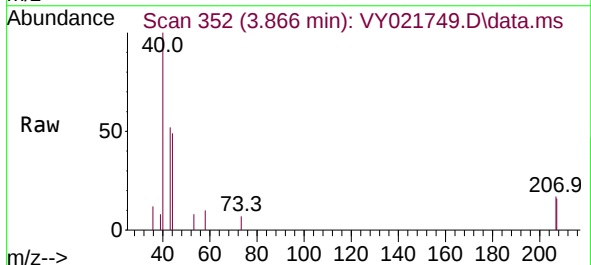
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

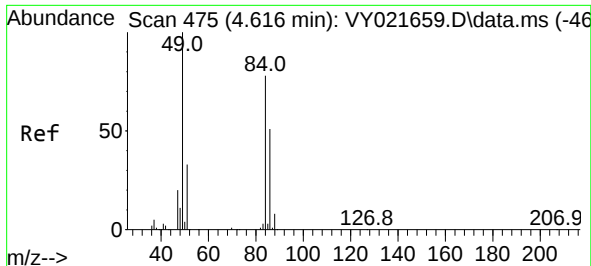
Tgt Ion:168 Resp: 243767
Ion Ratio Lower Upper
168 100
99 59.0 46.7 70.1



#16
Acetone
Concen: 1.667 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021749.D
Acq: 02 Apr 2025 10:19

Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 18.2 24.2 36.4#

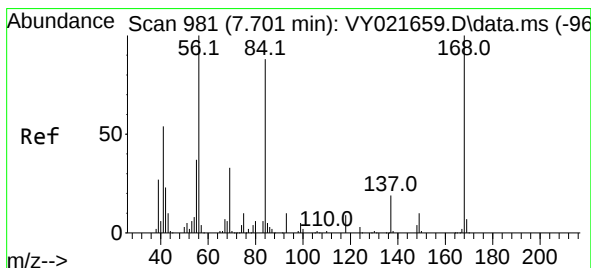
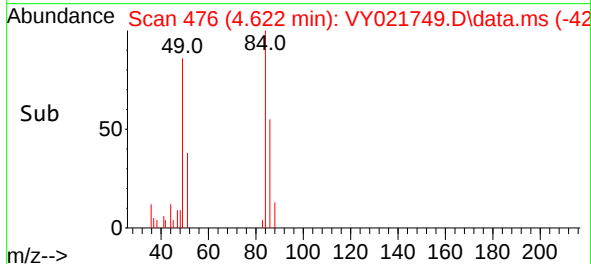
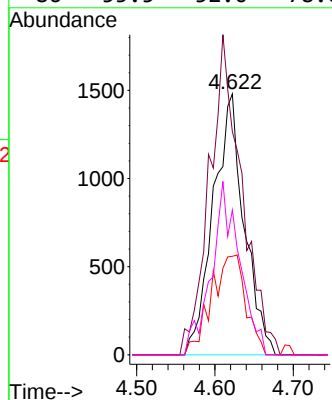
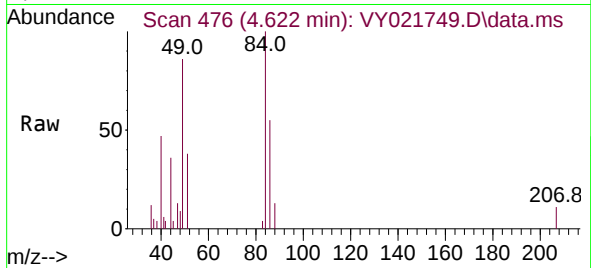




#20
Methylene Chloride
Concen: Below Cal
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY021749.D
Acq: 02 Apr 2025 10:19

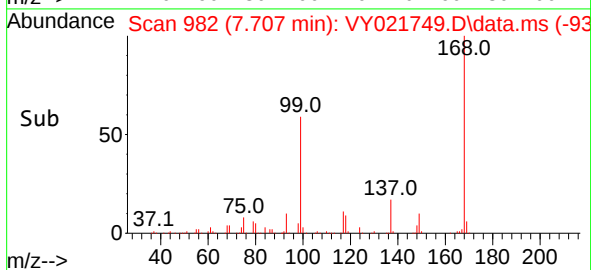
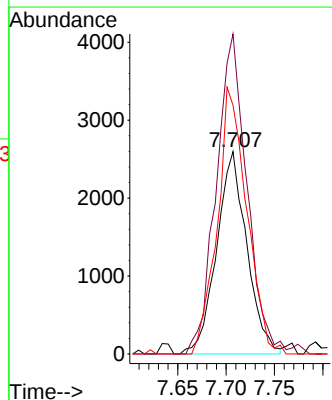
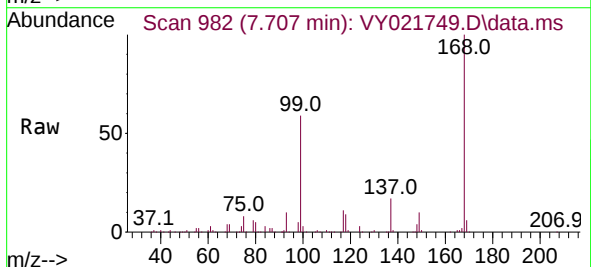
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

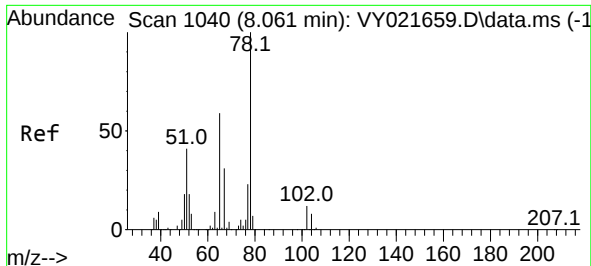
Tgt Ion: 84 Resp: 4074
Ion Ratio Lower Upper
84 100
49 85.5 102.8 154.2#
51 37.8 33.5 50.3
86 55.5 52.0 78.0



#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021749.D
Acq: 02 Apr 2025 10:19

Tgt Ion: 56 Resp: 5643
Ion Ratio Lower Upper
56 100
69 158.1 26.6 40.0#
84 122.9 69.0 103.4#





#33

1,2-Dichloroethane-d4

Concen: 53.856 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021749.D

Acq: 02 Apr 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

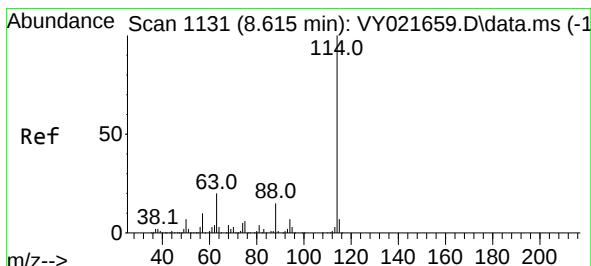
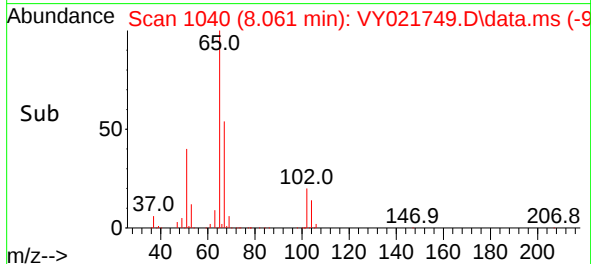
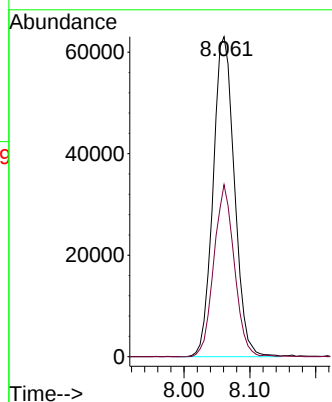
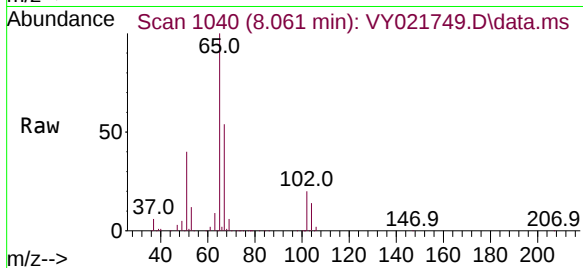
VY0402SBL01

Tgt Ion: 65 Resp: 142242

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021749.D

Acq: 02 Apr 2025 10:19

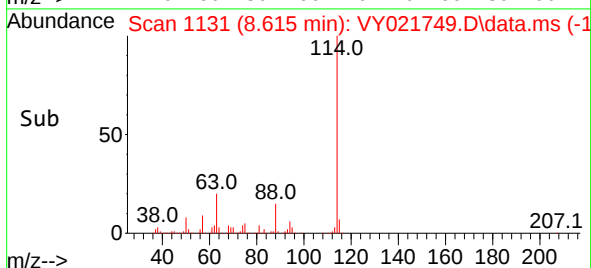
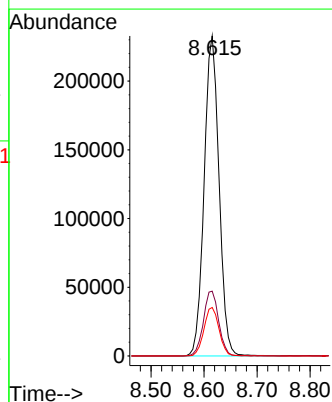
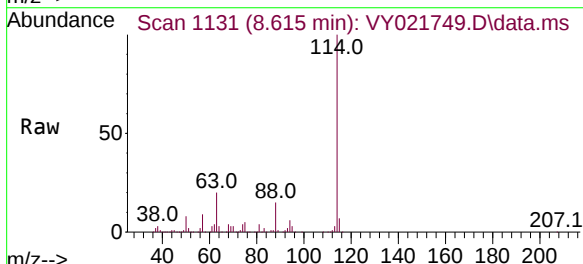
Tgt Ion: 114 Resp: 452818

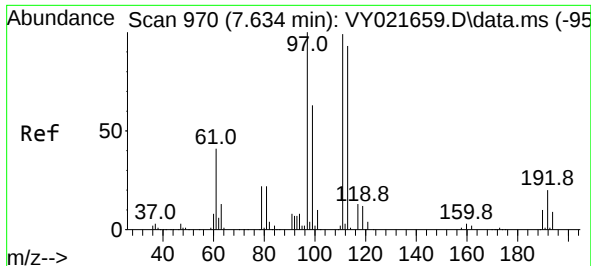
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 15.2 0.0 29.8

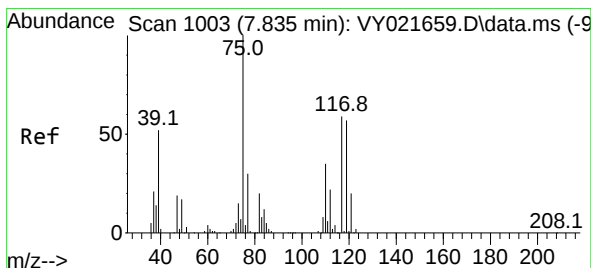
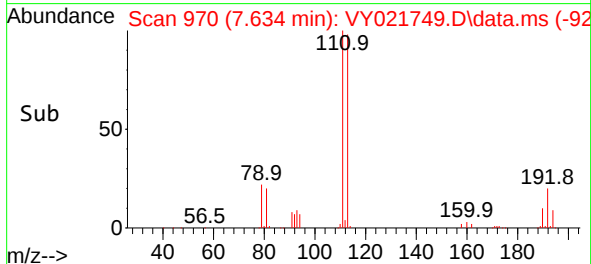
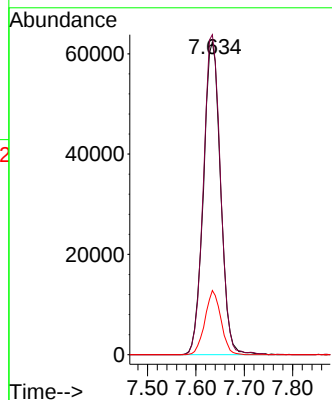
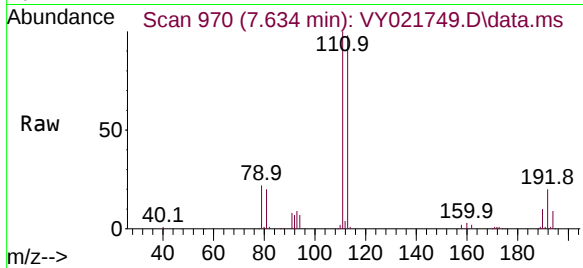




#35
Dibromofluoromethane
Concen: 52.212 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021749.D
Acq: 02 Apr 2025 10:19

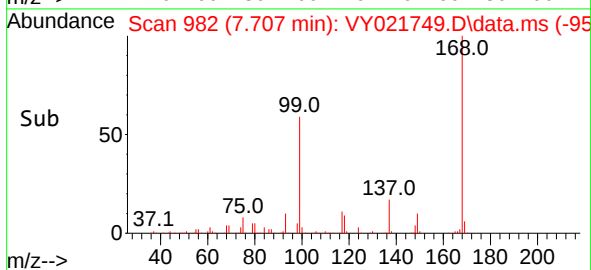
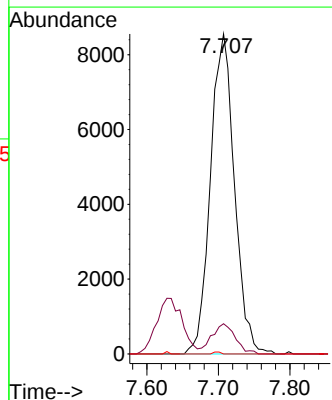
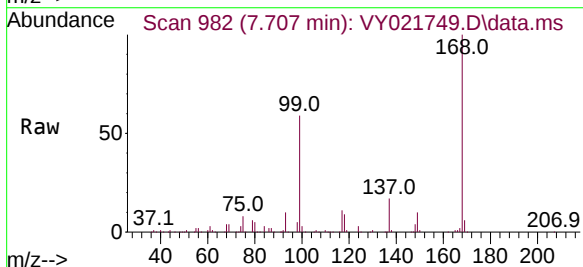
Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

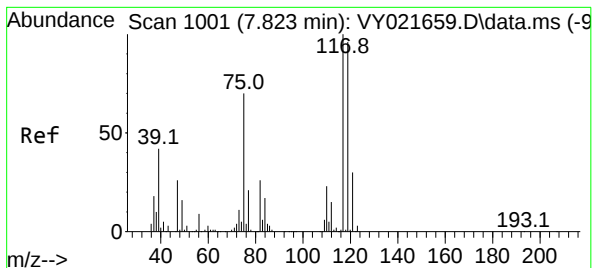
Tgt Ion:113 Resp: 153366
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.1 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.460 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY021749.D
Acq: 02 Apr 2025 10:19

Tgt Ion: 75 Resp: 19953
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.2 24.8 37.2#





#38

Carbon Tetrachloride

Concen: 4.855 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.116 min

Lab File: VY021749.D

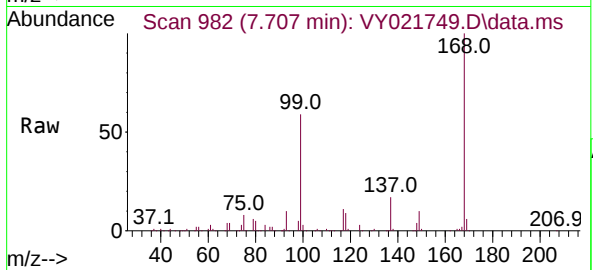
Acq: 02 Apr 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBL01



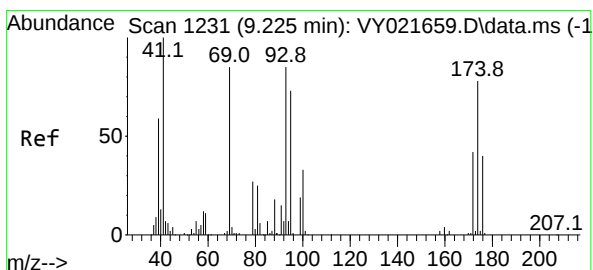
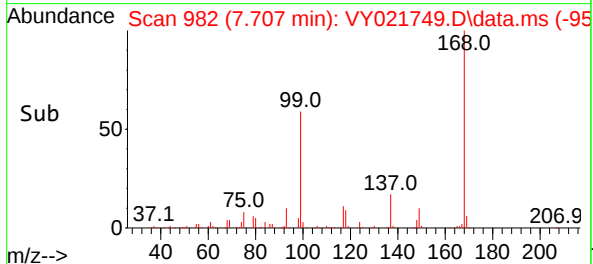
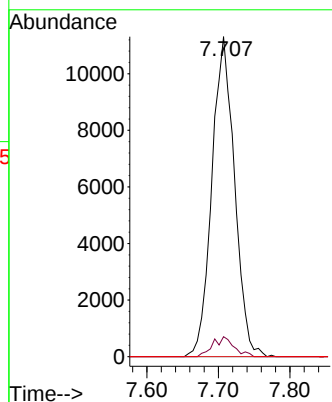
Tgt Ion:117 Resp: 24878

Ion Ratio Lower Upper

117 100

119 6.3 76.2 114.4#

121 0.0 24.2 36.4#



#49

1,4-Dioxane

Concen: 1.124 ug/l

RT: 9.274 min Scan# 1239

Delta R.T. 0.049 min

Lab File: VY021749.D

Acq: 02 Apr 2025 10:19

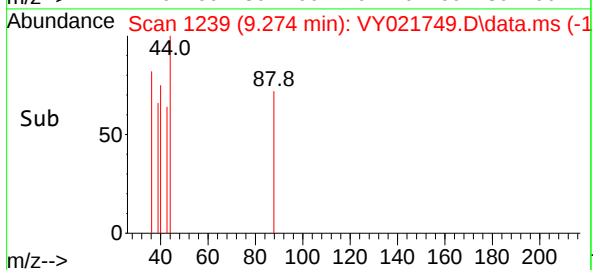
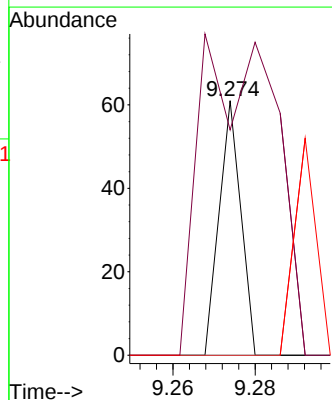
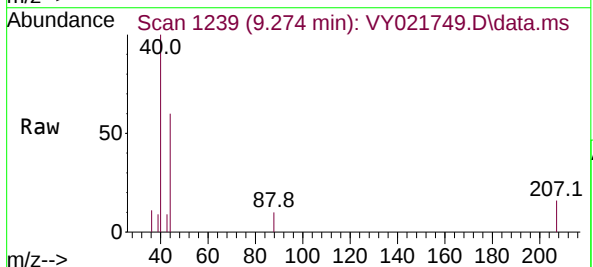
Tgt Ion: 88 Resp: 22

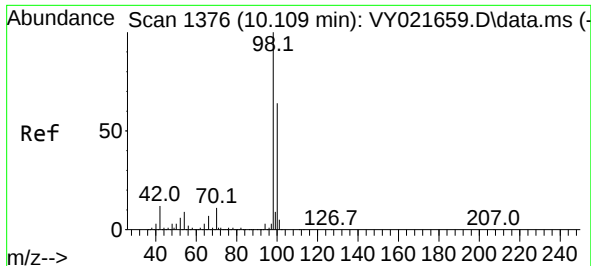
Ion Ratio Lower Upper

88 100

43 440.9 28.8 43.2#

58 0.0 59.4 89.2#

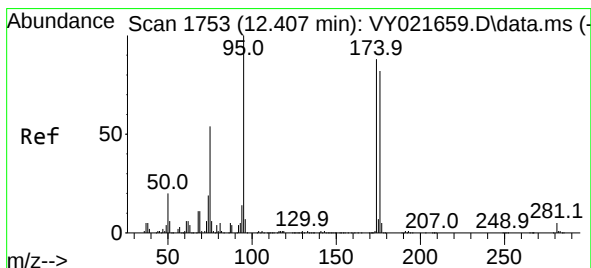
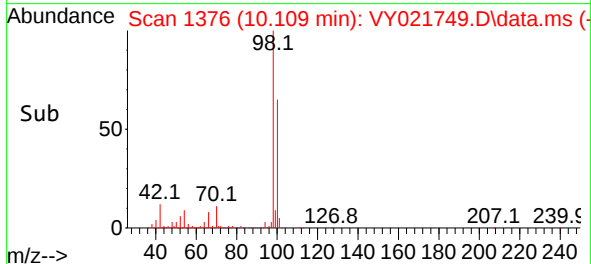
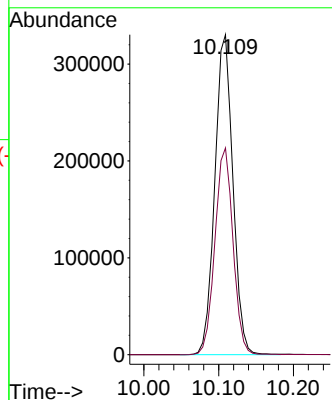
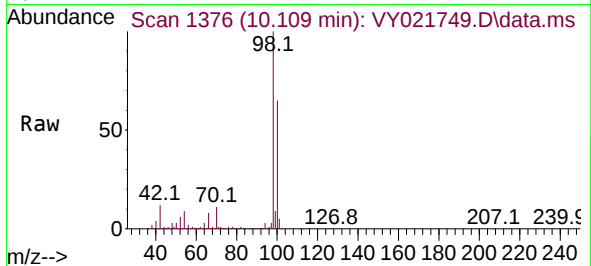




#50
Toluene-d8
Concen: 49.764 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021749.D
Acq: 02 Apr 2025 10:19

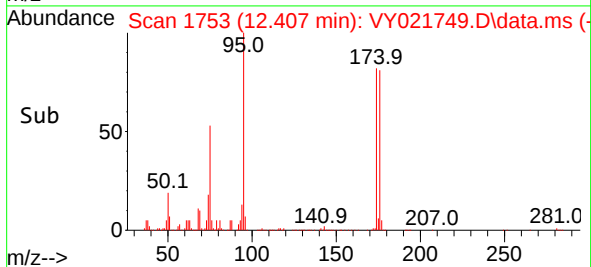
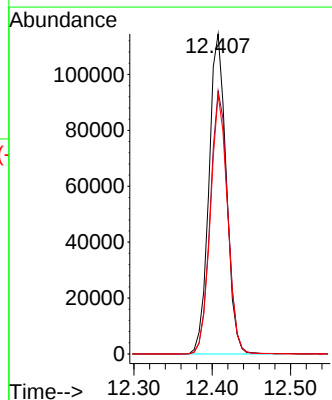
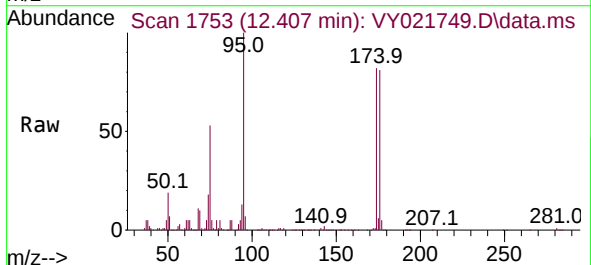
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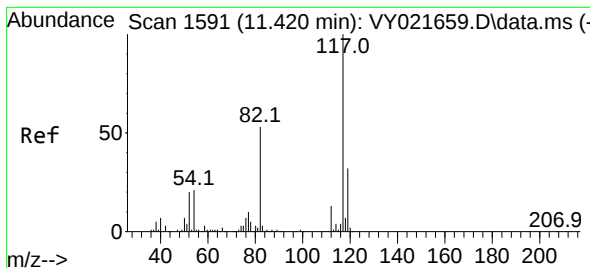
Tgt Ion: 98 Resp: 556095
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.369 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021749.D
Acq: 02 Apr 2025 10:19

Tgt Ion: 95 Resp: 175264
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.8
176 80.2 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021749.D

Acq: 02 Apr 2025 10:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0402SBL01

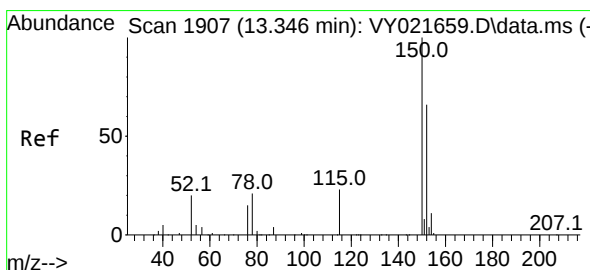
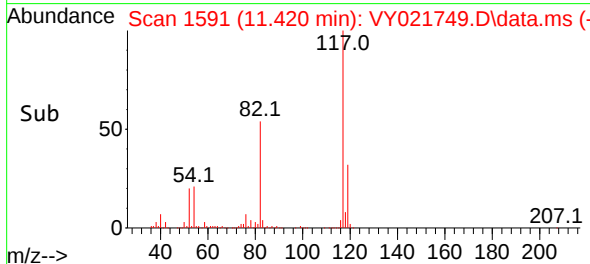
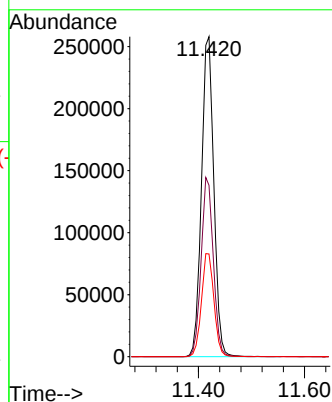
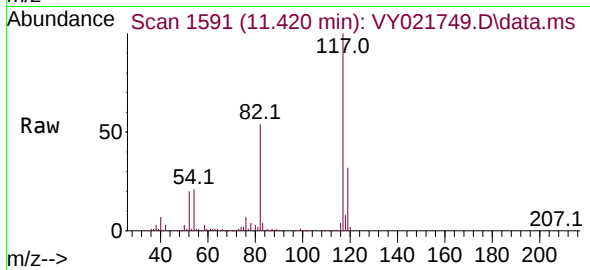
Tgt Ion:117 Resp: 417006

Ion Ratio Lower Upper

117 100

82 53.6 42.8 64.2

119 32.1 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: VY021749.D

Acq: 02 Apr 2025 10:19

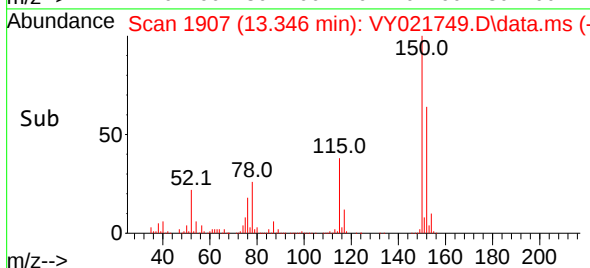
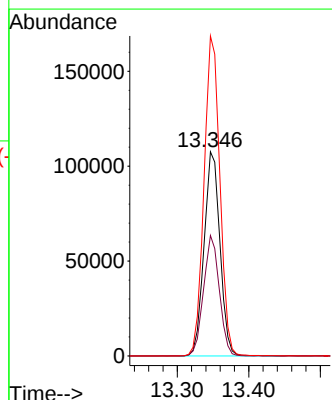
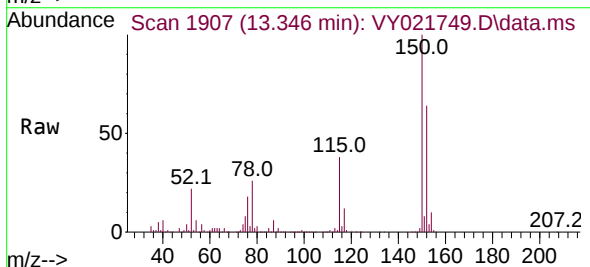
Tgt Ion:152 Resp: 165766

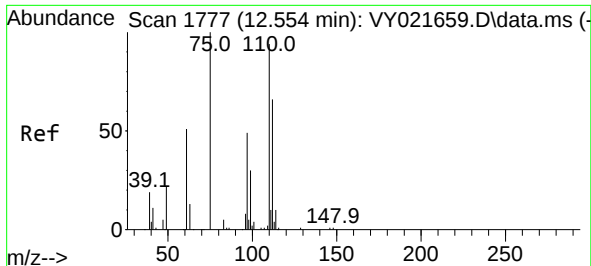
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 156.4 0.0 348.4

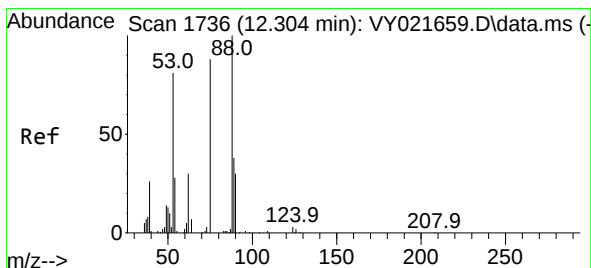
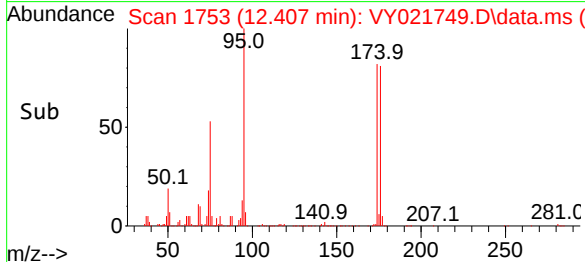
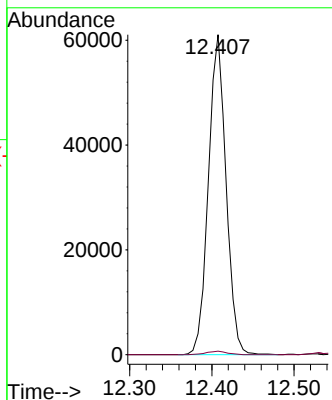
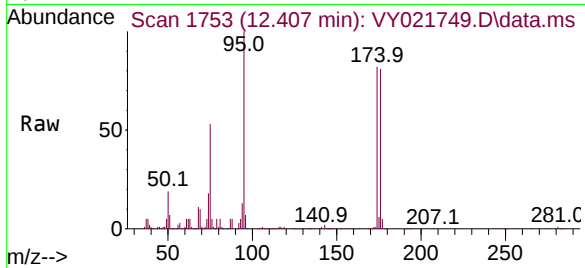




#76
1,2,3-Trichloropropane
Concen: 55.449 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY021749.D
Acq: 02 Apr 2025 10:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0402SBL01

Tgt Ion: 75 Resp: 91112
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.764 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021749.D
Acq: 02 Apr 2025 10:19

Tgt Ion: 75 Resp: 91112
Ion Ratio Lower Upper
75 100
53 0.2 76.1 114.1#
89 0.0 36.2 54.4#

