

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021769.D
 Acq On : 03 Apr 2025 13:33
 Operator : SY/MD
 Sample : Q1698-03
 Misc : 6.27g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-9

Quant Time: Apr 04 01:31:01 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)

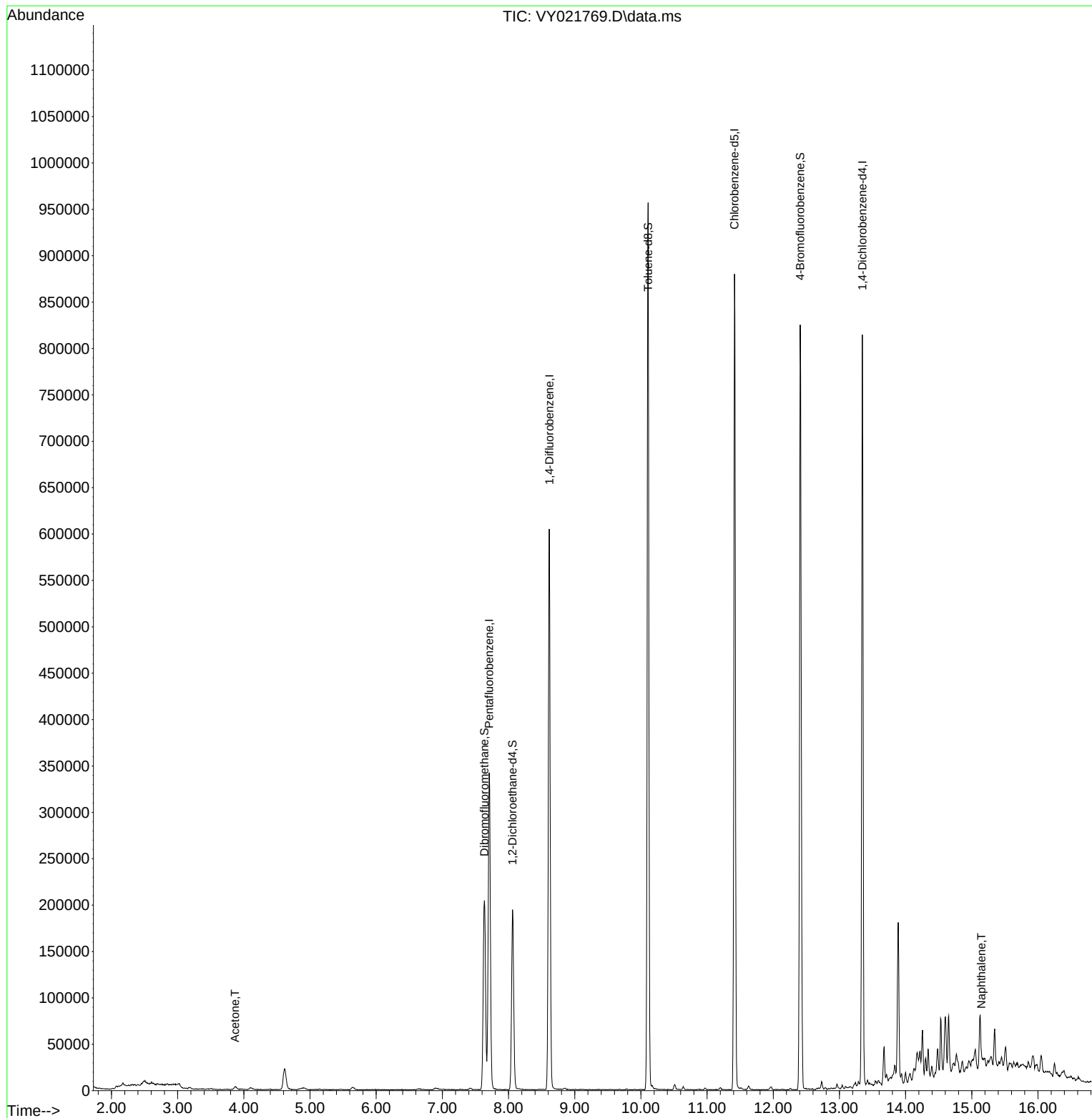
Internal Standards						
1) Pentafluorobenzene	7.707	168	254509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	494707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	458971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	190883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154290	55.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.900%
35) Dibromofluoromethane	7.634	113	148285	46.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.420%
50) Toluene-d8	10.109	98	610646	50.019	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.040%
62) 4-Bromofluorobenzene	12.408	95	196948	47.694	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.380%
Target Compounds						
					Qvalue	
16) Acetone	3.867	43	5562	9.855	ug/l	96
95) Naphthalene	15.145	128	8053	1.535	ug/l #	91

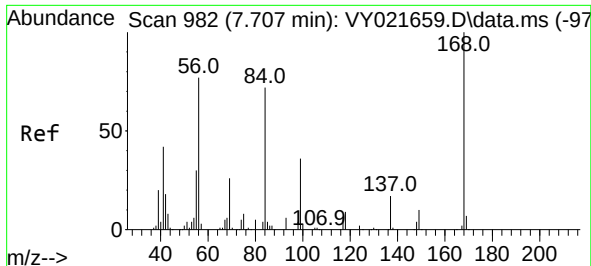
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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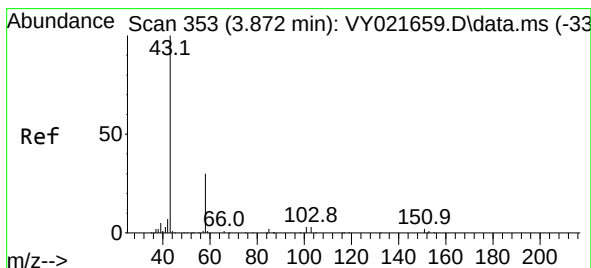
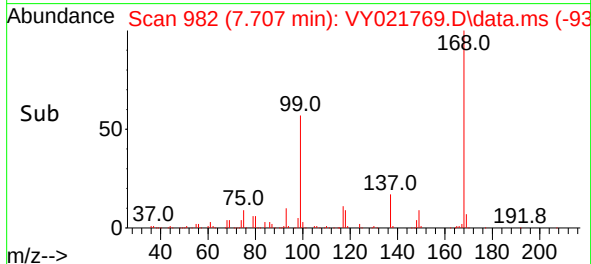
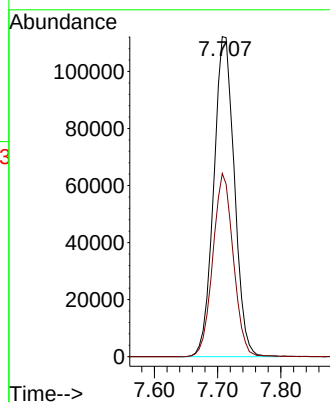
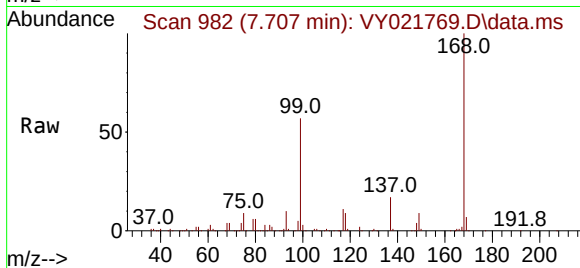




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021769.D
Acq: 03 Apr 2025 13:33

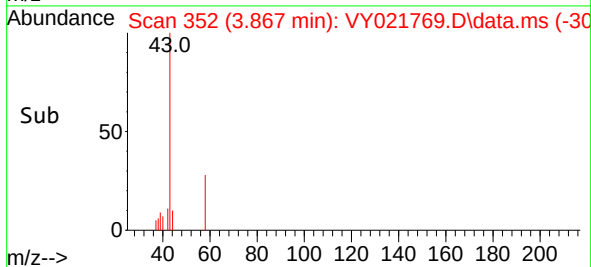
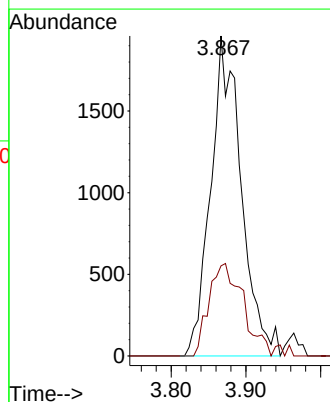
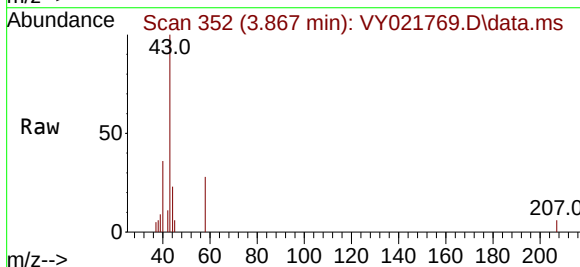
Instrument :
MSVOA_Y
ClientSampleId :
B-9

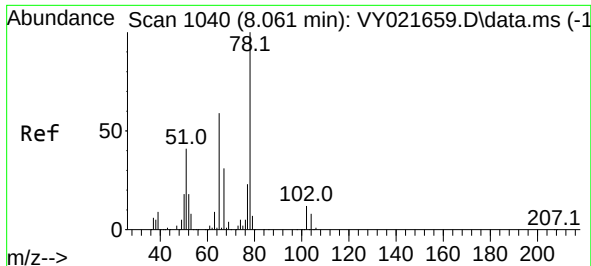
Tgt Ion:168 Resp: 254509
Ion Ratio Lower Upper
168 100
99 57.2 46.7 70.1



#16
Acetone
Concen: 9.855 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021769.D
Acq: 03 Apr 2025 13:33

Tgt Ion: 43 Resp: 5562
Ion Ratio Lower Upper
43 100
58 28.2 24.2 36.4





#33

1,2-Dichloroethane-d4

Concen: 55.952 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021769.D

Acq: 03 Apr 2025 13:33

Instrument :

MSVOA_Y

ClientSampleId :

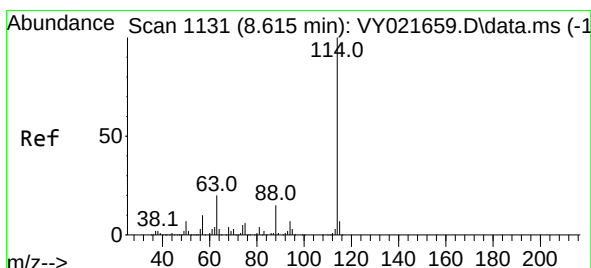
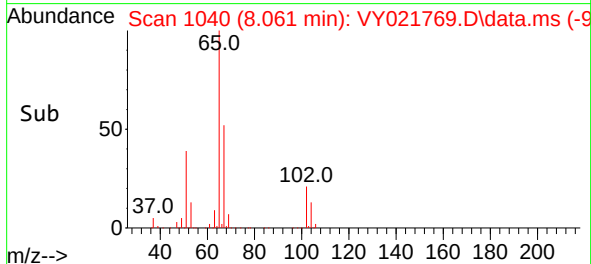
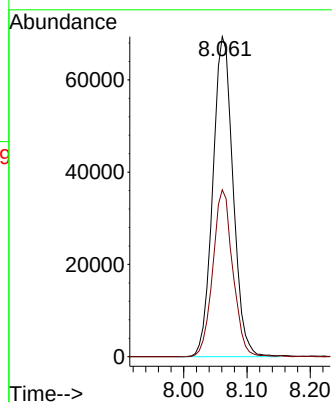
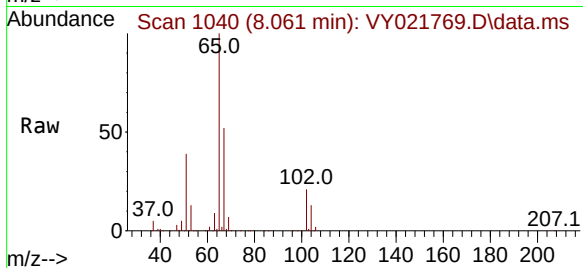
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Tgt Ion: 65 Resp: 154290

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: VY021769.D

Acq: 03 Apr 2025 13:33

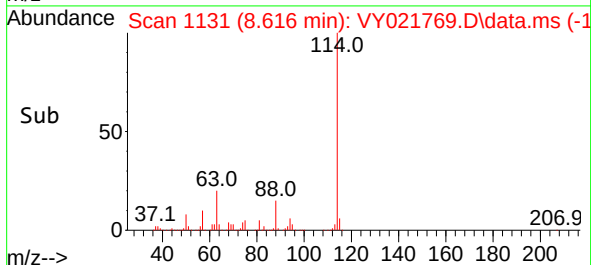
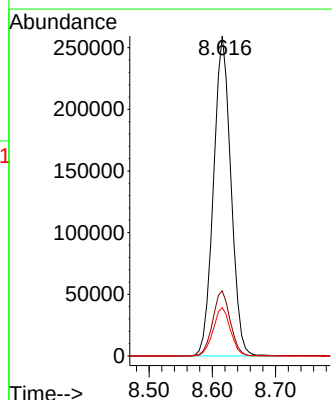
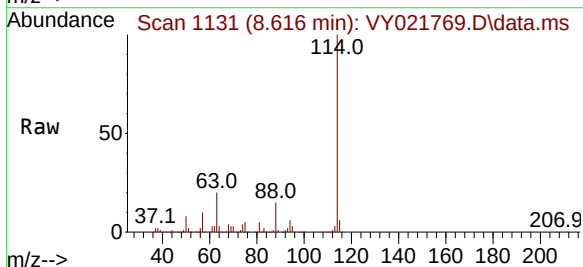
Tgt Ion: 114 Resp: 494707

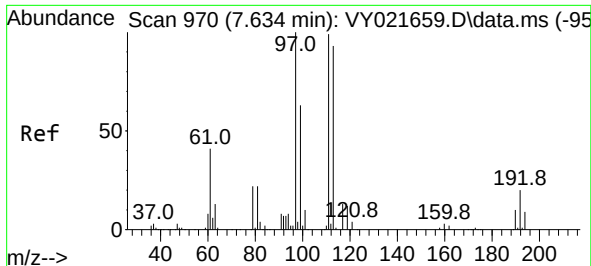
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.2

88 15.1 0.0 29.8

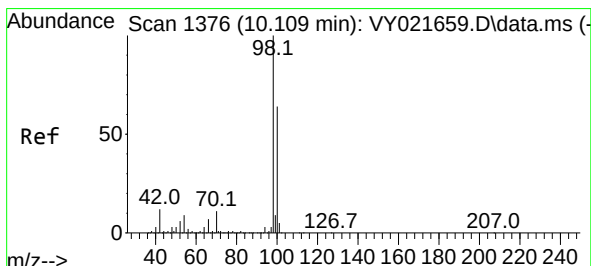
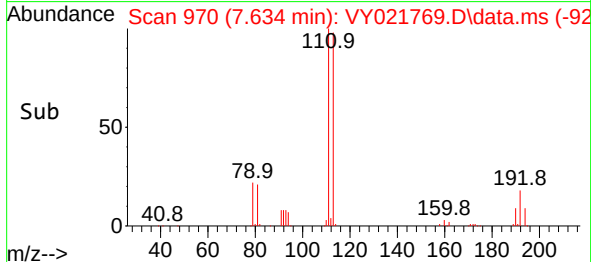
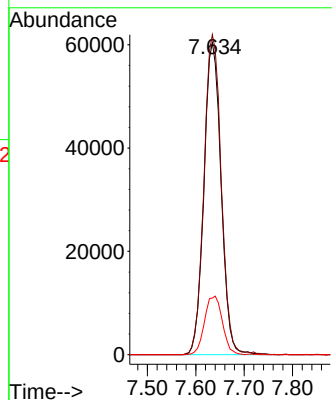
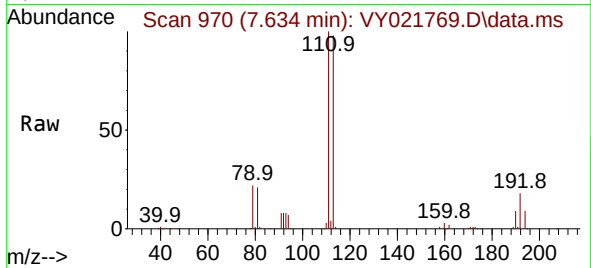




#35
Dibromofluoromethane
Concen: 46.208 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021769.D
Acq: 03 Apr 2025 13:33

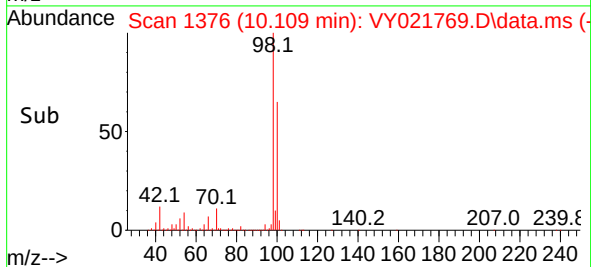
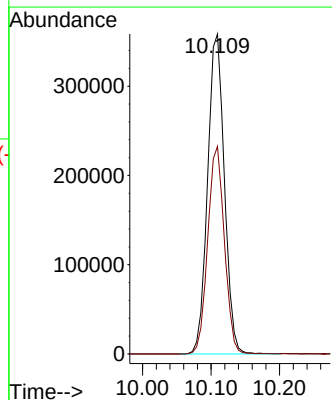
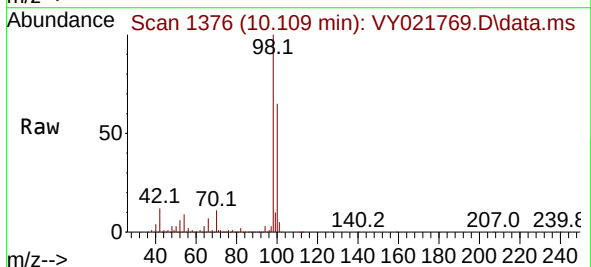
Instrument :
MSVOA_Y
ClientSampleId :
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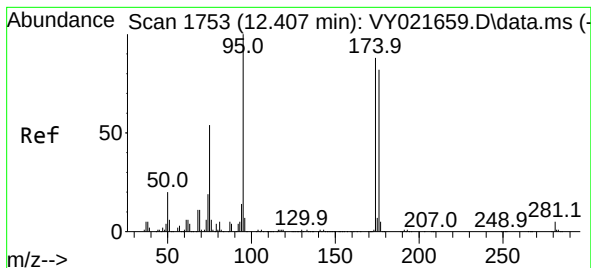
Tgt Ion:113 Resp: 148285
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 19.6 16.2 24.4



#50
Toluene-d8
Concen: 50.019 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021769.D
Acq: 03 Apr 2025 13:33

Tgt Ion: 98 Resp: 610646
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1

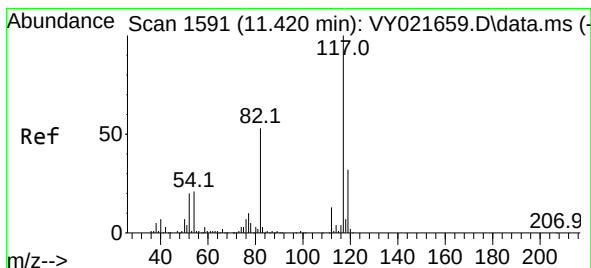
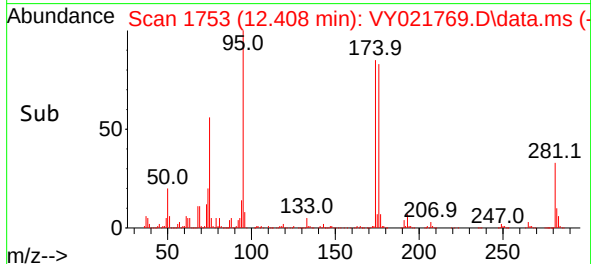
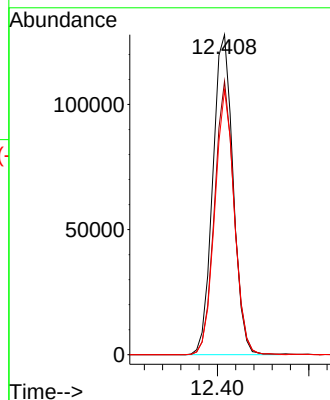
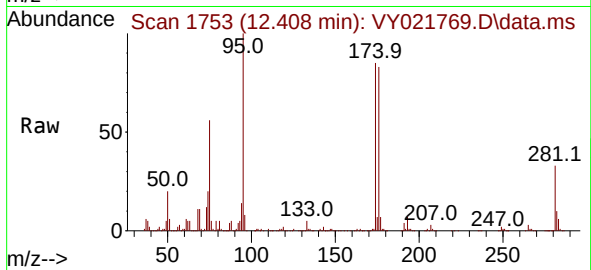




#62
4-Bromofluorobenzene
Concen: 47.694 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021769.D
Acq: 03 Apr 2025 13:33

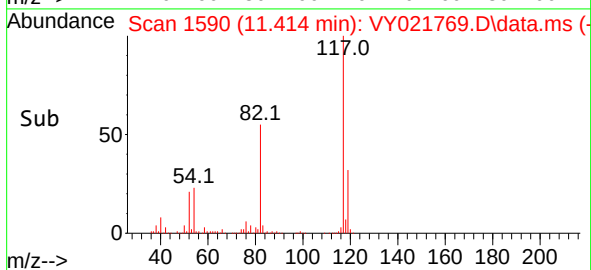
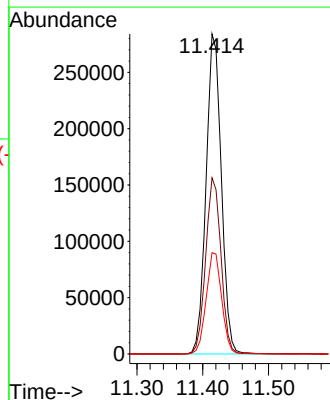
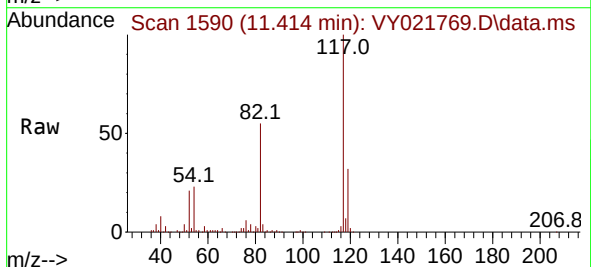
Instrument :
MSVOA_Y
ClientSampleId :
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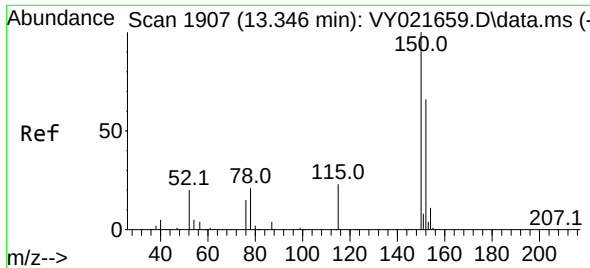
Tgt Ion: 95 Resp: 196948
Ion Ratio Lower Upper
95 100
174 82.7 0.0 170.8
176 79.8 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021769.D
Acq: 03 Apr 2025 13:33

Tgt Ion: 117 Resp: 458971
Ion Ratio Lower Upper
117 100
82 55.0 42.8 64.2
119 31.6 25.7 38.5

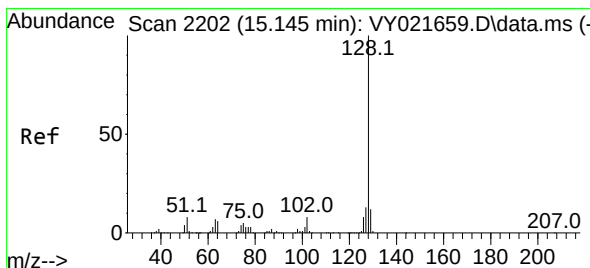
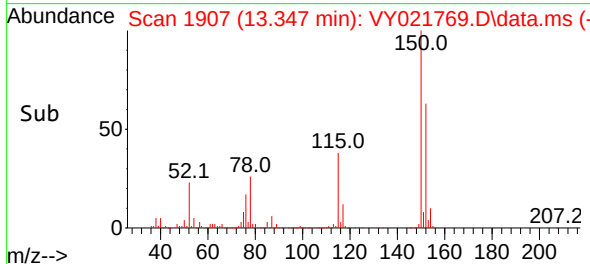
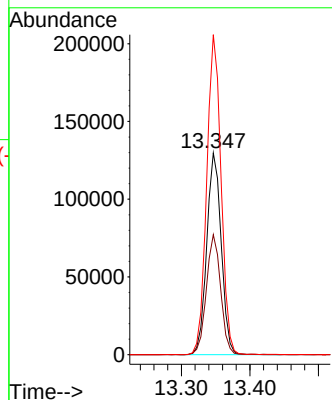
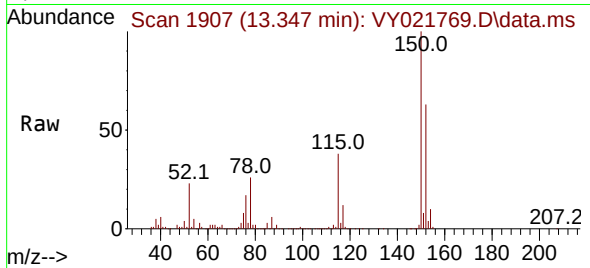




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY021769.D
 Acq: 03 Apr 2025 13:33

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 190883
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.8 86.5
 150 156.8 0.0 348.4



#95
 Naphthalene
 Concen: 1.535 ug/l
 RT: 15.145 min Scan# 2202
 Delta R.T. 0.000 min
 Lab File: VY021769.D
 Acq: 03 Apr 2025 13:33

Tgt Ion:128 Resp: 8053
 Ion Ratio Lower Upper
 128 100
 127 19.6 10.8 16.2#
 129 11.8 8.8 13.2

