

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021009.D
 Acq On : 31 Jan 2025 14:59
 Operator : SY/MD
 Sample : Q1239-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 348

Quant Time: Jan 31 22:25:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

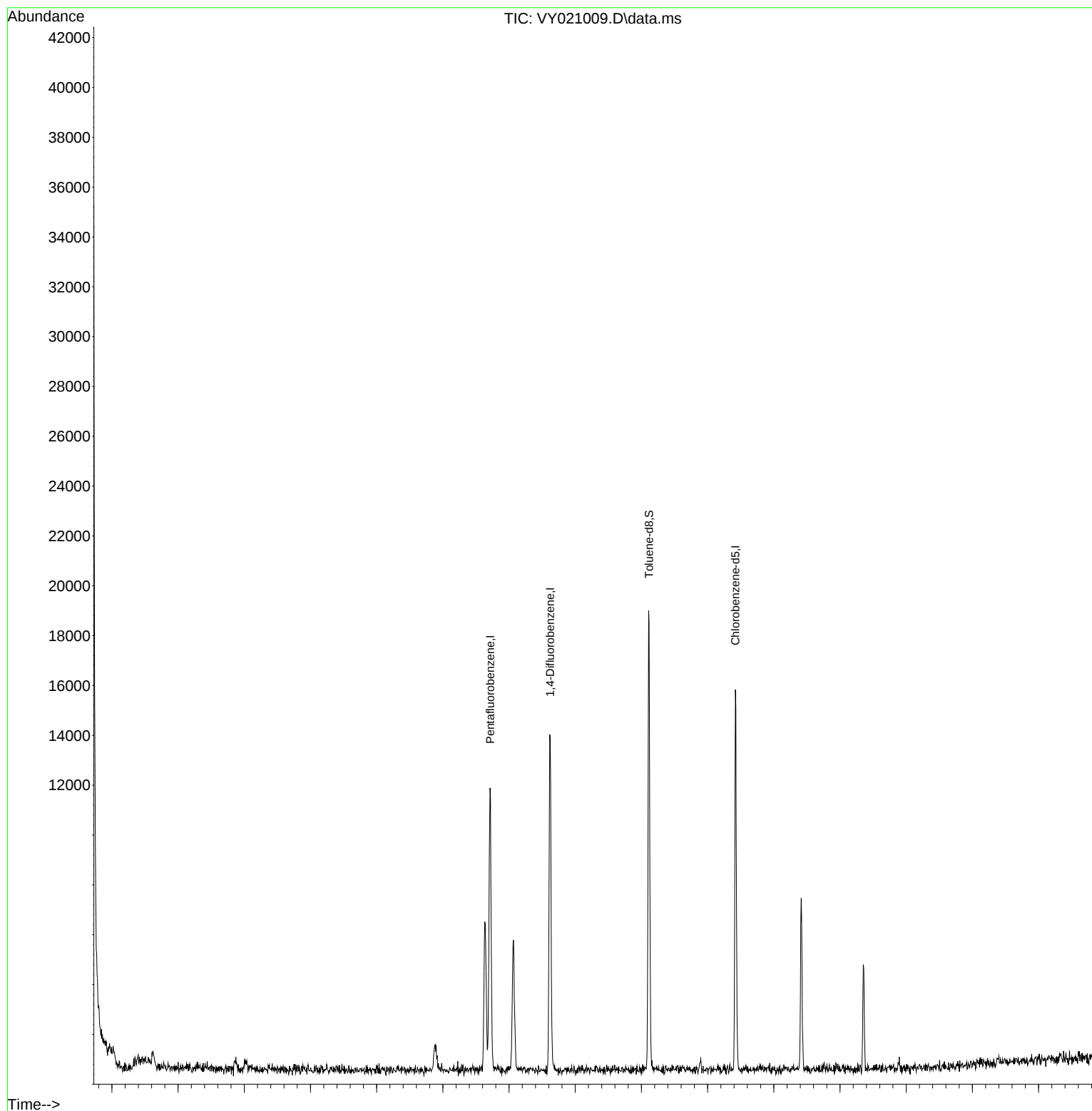
Internal Standards						
1) Pentafluorobenzene	7.713	168	9943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	13078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	9108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	1491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	4667	55.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.260%
35) Dibromofluoromethane	7.640	113	4668	59.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.740%
50) Toluene-d8	10.115	98	13519	44.055	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.100%
62) 4-Bromofluorobenzene	12.414	95	2387	23.181	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	46.360%
Target Compounds						
16) Acetone	3.873	43	709	61.448	ug/l	Qvalue # 81

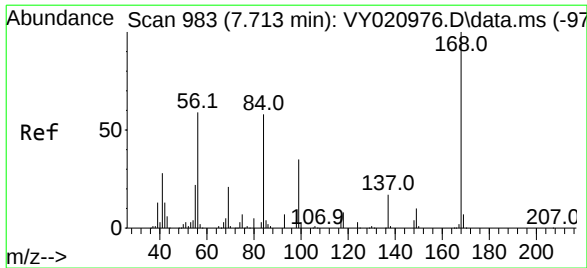
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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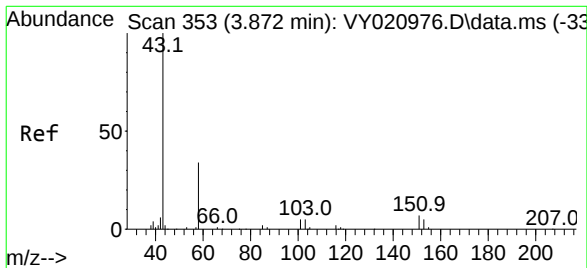
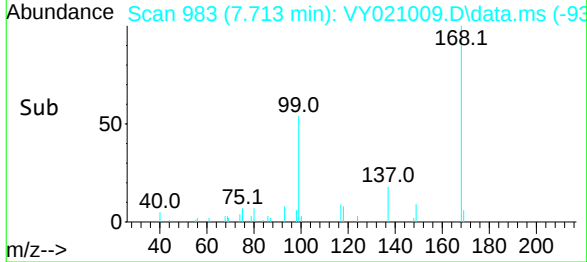
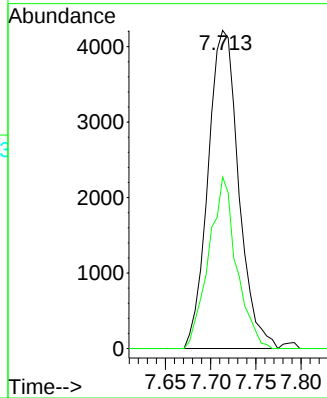
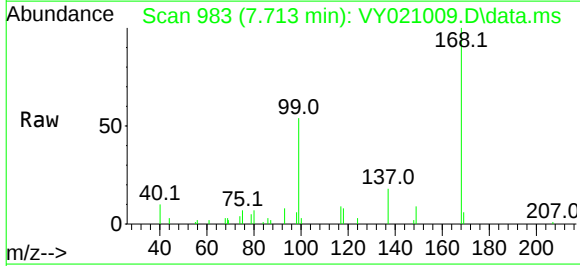




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

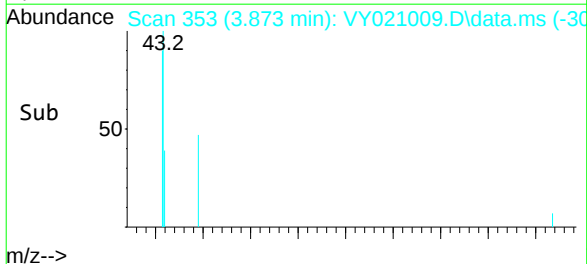
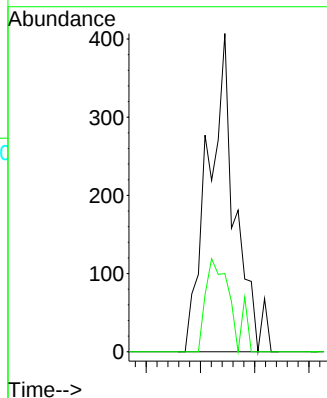
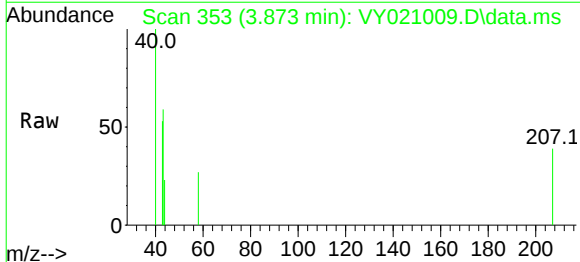
Instrument :
MSVOA_Y
ClientSampleId :
348

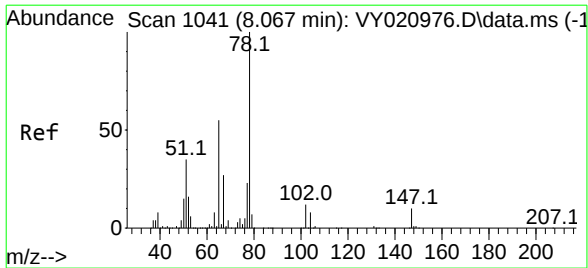
Tgt Ion:168 Resp: 9943
Ion Ratio Lower Upper
168 100
99 53.9 42.2 63.2



#16
Acetone
Concen: 61.448 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 24.6 28.4 42.6#

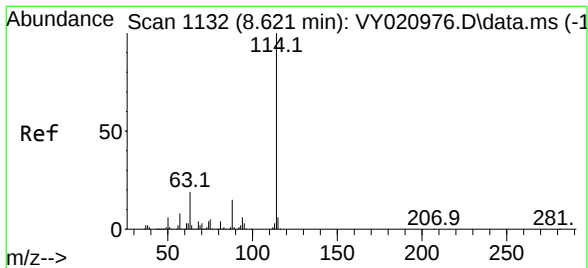
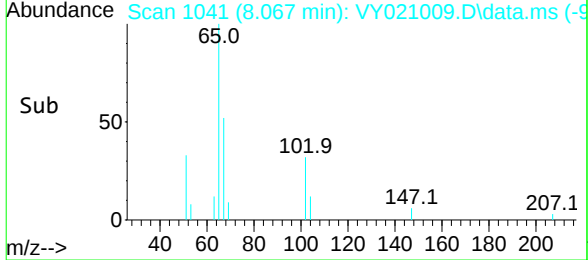
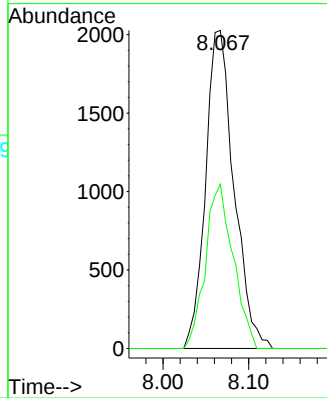
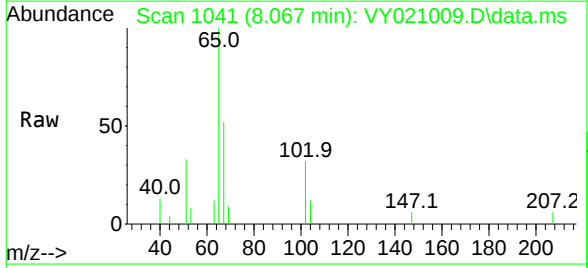




#33
1,2-Dichloroethane-d4
Concen: 55.129 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

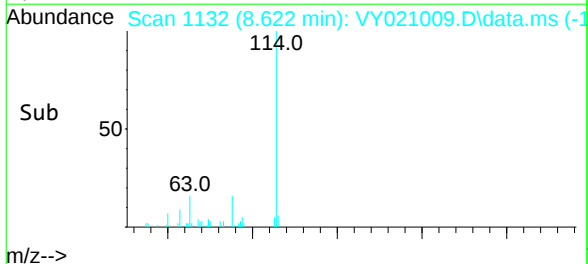
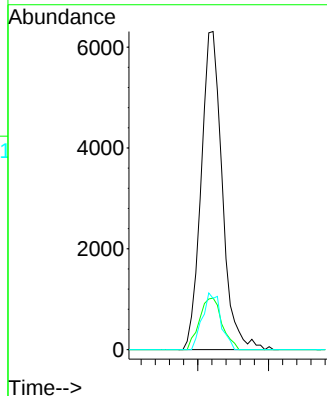
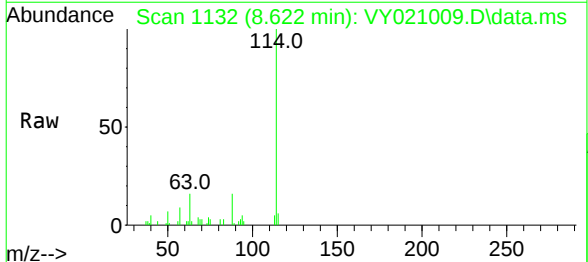
Instrument :
MSVOA_Y
ClientSampleId :
348

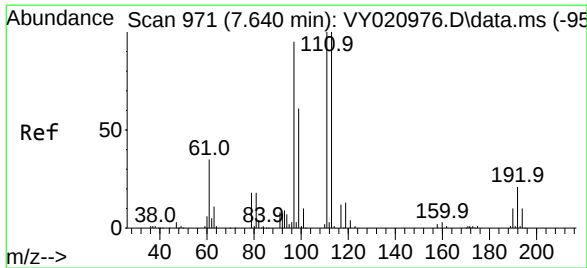
Tgt Ion: 65 Resp: 4667
Ion Ratio Lower Upper
65 100
67 50.4 0.0 104.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Tgt Ion: 114 Resp: 13078
Ion Ratio Lower Upper
114 100
63 16.2 0.0 37.2
88 16.1 0.0 29.6





#35

Dibromofluoromethane

Concen: 59.372 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.000 min

Lab File: VY021009.D

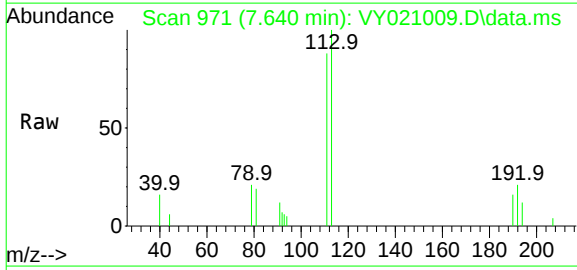
Acq: 31 Jan 2025 14:59

Instrument :

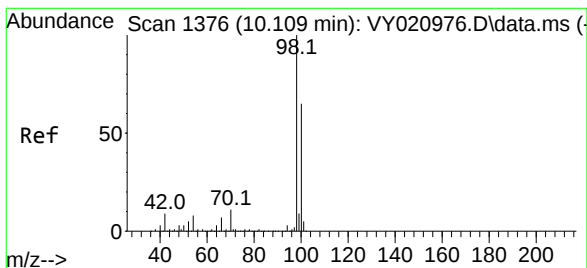
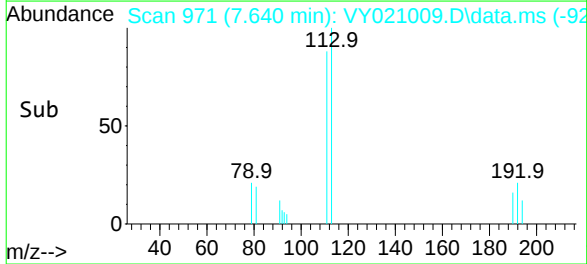
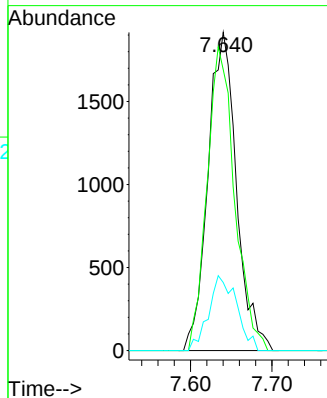
MSVOA_Y

ClientSampleId :

348



Tgt Ion:	113	Resp:	4668
Ion	Ratio	Lower	Upper
113	100		
111	92.3	82.6	123.8
192	23.1	16.8	25.2



#50

Toluene-d8

Concen: 44.055 ug/l

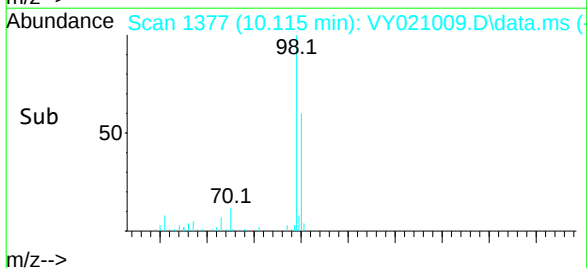
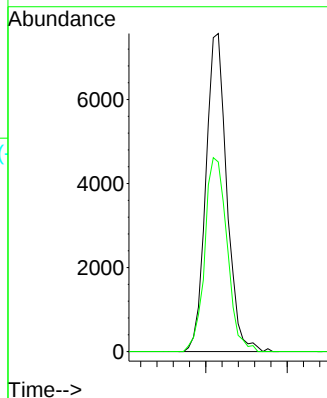
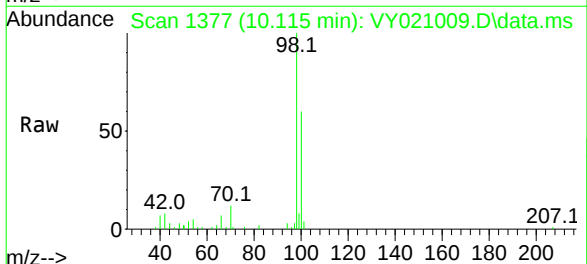
RT: 10.115 min Scan# 1377

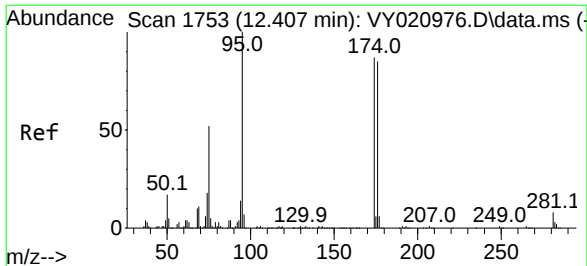
Delta R.T. 0.006 min

Lab File: VY021009.D

Acq: 31 Jan 2025 14:59

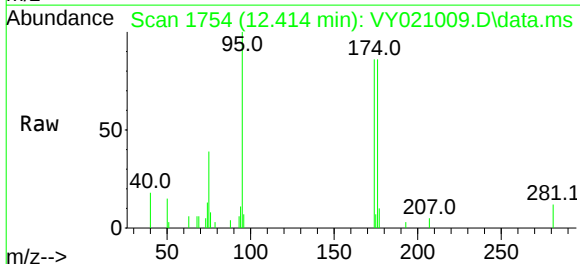
Tgt Ion:	98	Resp:	13519
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	79.0



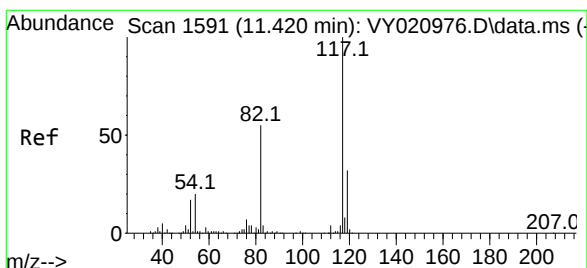
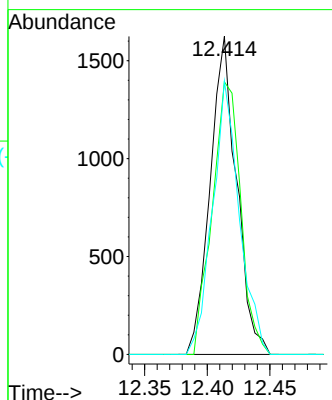
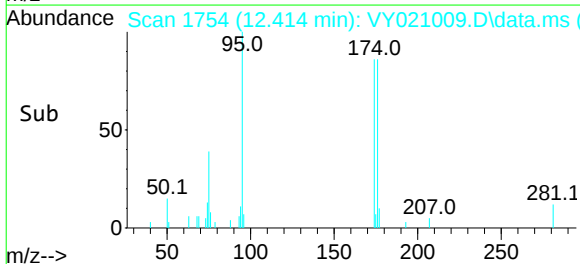


#62
4-Bromofluorobenzene
Concen: 23.181 ug/l
RT: 12.414 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

Instrument :
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348

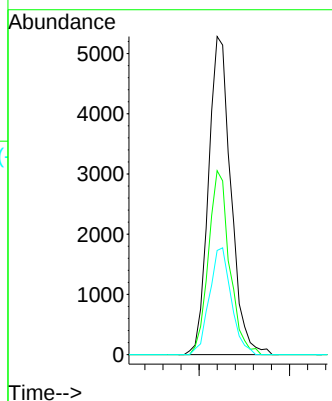
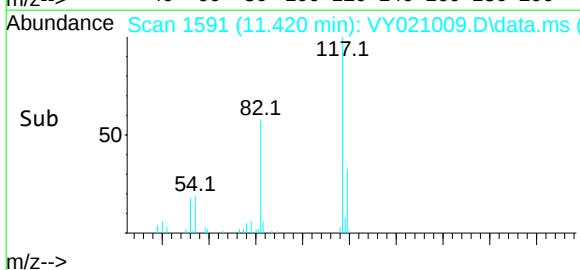
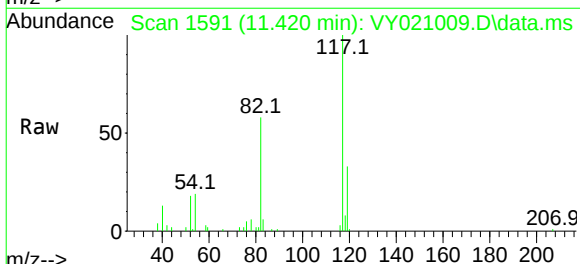


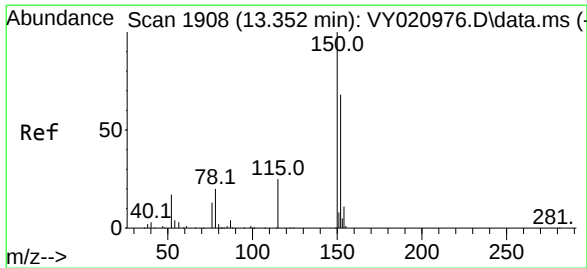
Tgt Ion: 95 Resp: 2387
Ion Ratio Lower Upper
95 100
174 91.9 0.0 181.2
176 87.1 0.0 175.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021009.D
Acq: 31 Jan 2025 14:59

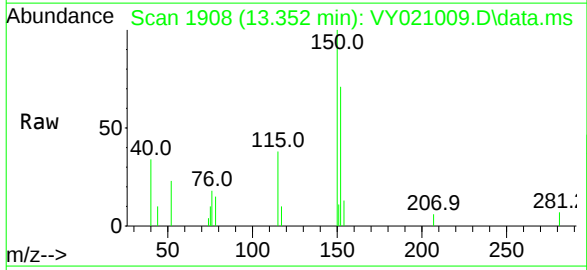
Tgt Ion: 117 Resp: 9108
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 32.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.352 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY021009.D
 Acq: 31 Jan 2025 14:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 348



Tgt Ion:	152	Resp:	1491
Ion	Ratio	Lower	Upper
152	100		
115	59.2	28.4	85.2
150	140.8	0.0	342.8

