

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021292.D
 Acq On : 21 Feb 2025 17:44
 Operator : SY/MD
 Sample : Q1382-11
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-PCS-TC-06-021725

Quant Time: Feb 21 23:10:17 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)

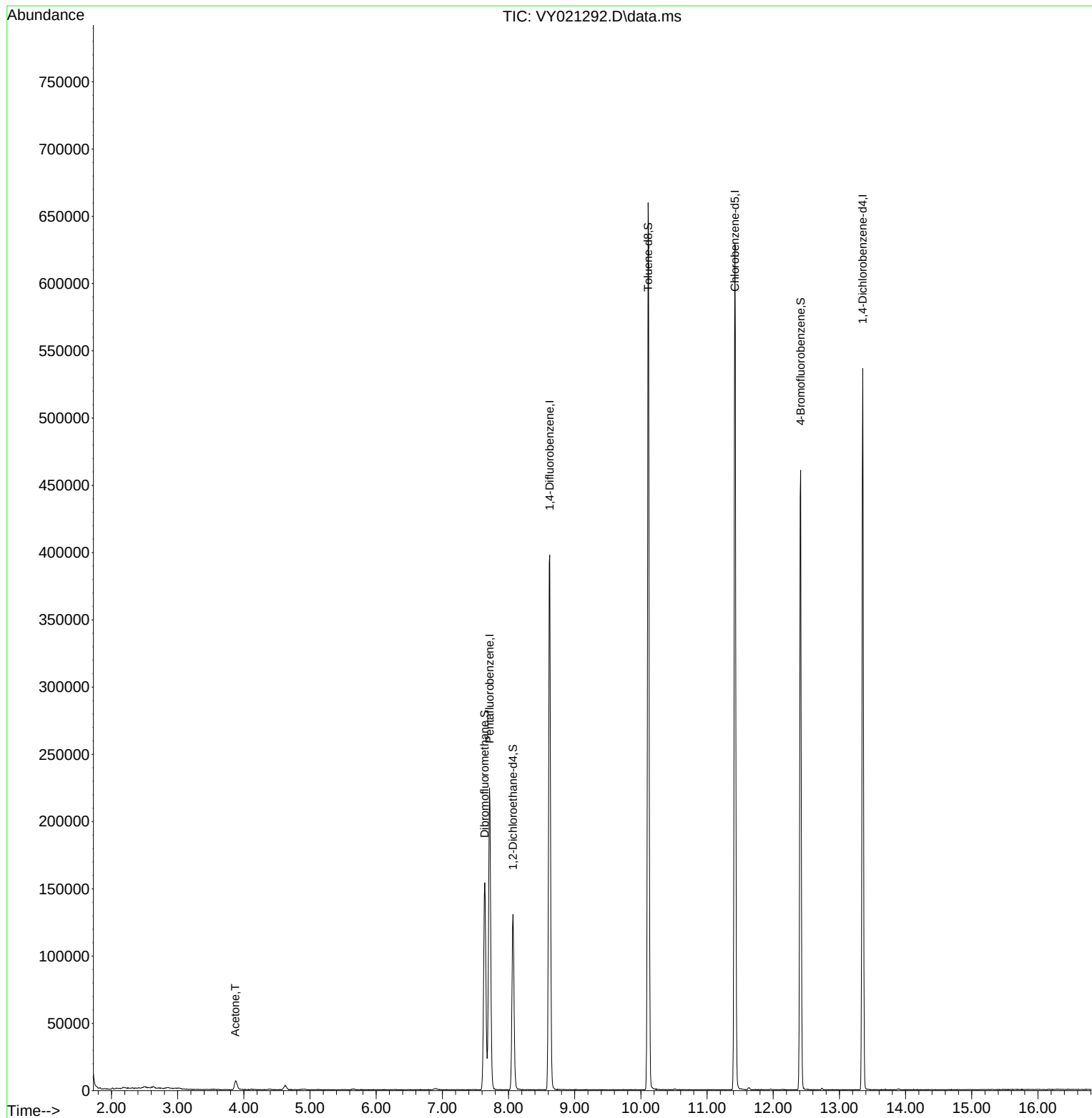
Internal Standards						
1) Pentafluorobenzene	7.713	168	166371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	325610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	311285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	126553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	102162	59.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.860%	
35) Dibromofluoromethane	7.640	113	106313	50.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.900%	
50) Toluene-d8	10.109	98	405486	51.041	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.080%	
62) 4-Bromofluorobenzene	12.414	95	131017	50.481	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.960%	
Target Compounds						
16) Acetone	3.873	43	12904	48.542	ug/l	Qvalue 93

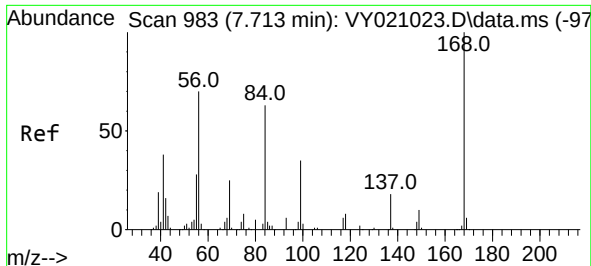
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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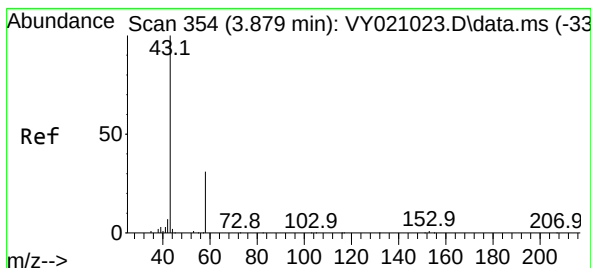
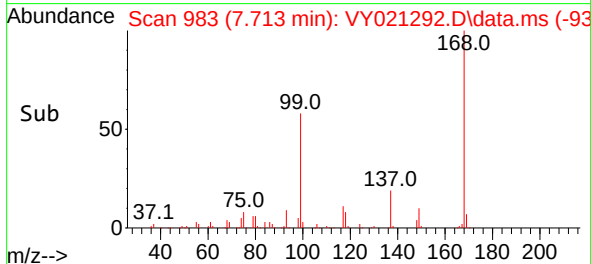
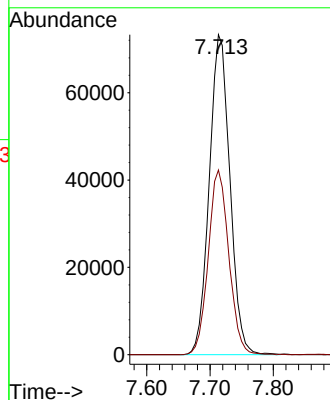
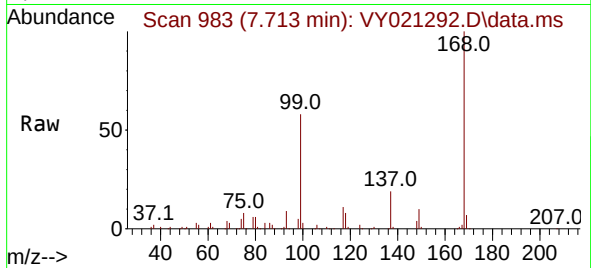




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

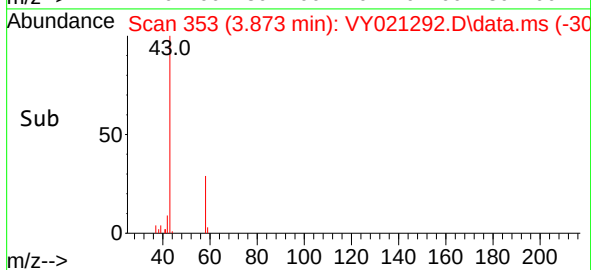
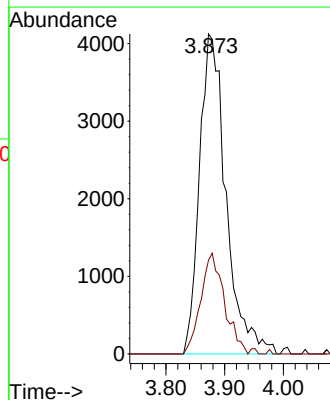
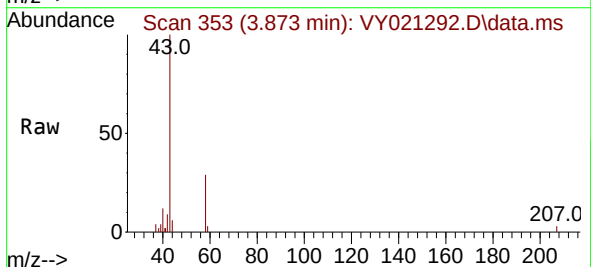
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-06-021725

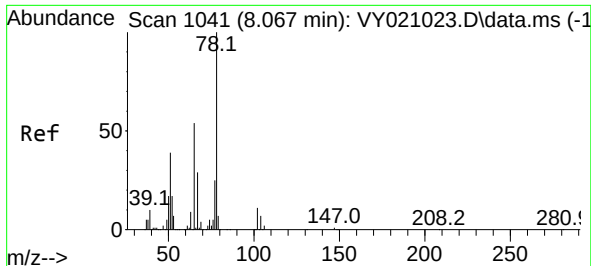
Tgt Ion:168 Resp: 166371
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#16
Acetone
Concen: 48.542 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

Tgt Ion: 43 Resp: 12904
Ion Ratio Lower Upper
43 100
58 29.3 26.6 39.8

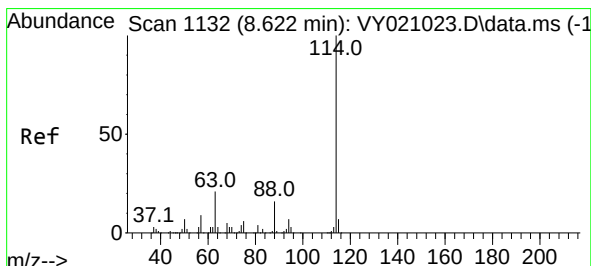
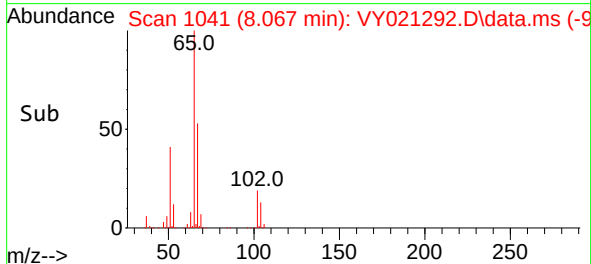
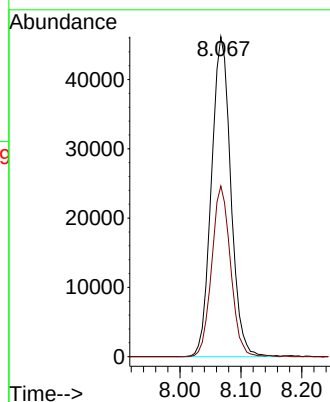
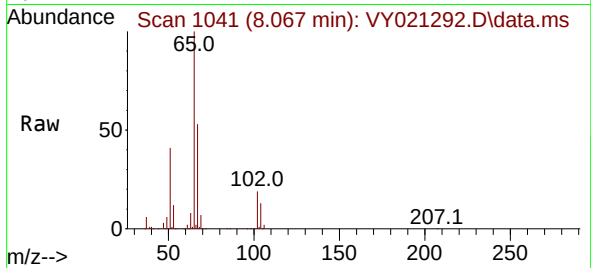




#33
1,2-Dichloroethane-d4
Concen: 59.933 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

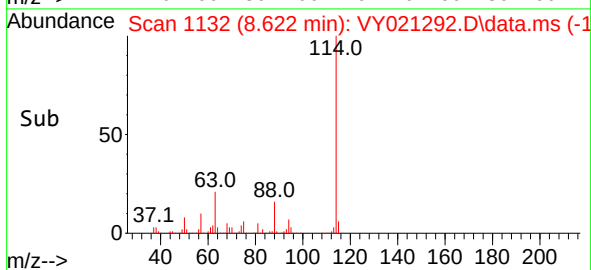
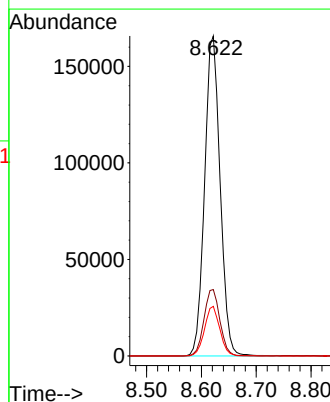
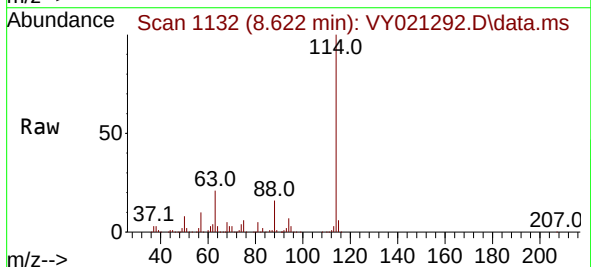
Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-06-021725

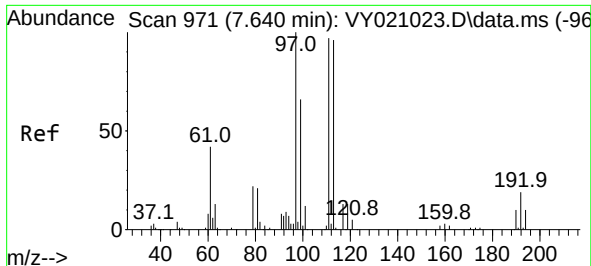
Tgt Ion: 65 Resp: 102162
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

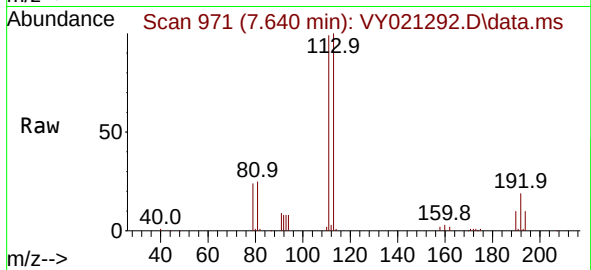
Tgt Ion: 114 Resp: 325610
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.4
88 15.5 0.0 29.0



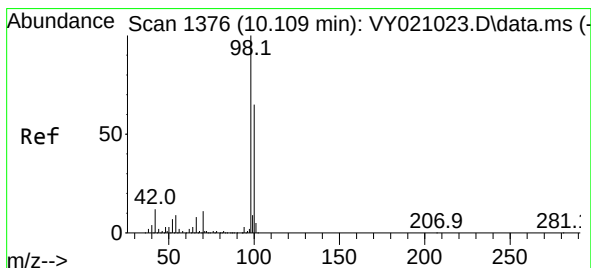
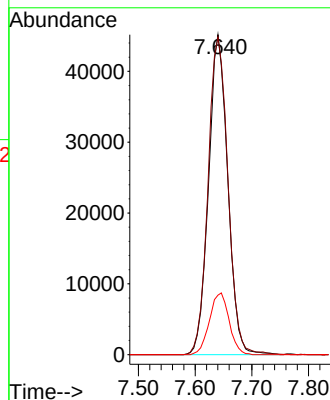
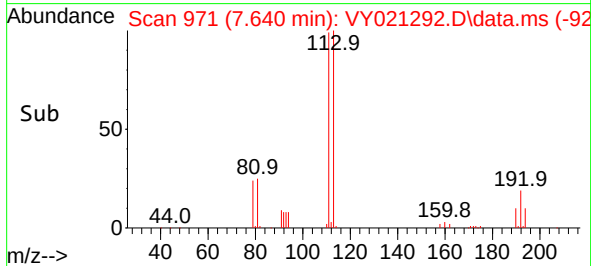


#35
Dibromofluoromethane
Concen: 50.947 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

Instrument :
MSVOA_Y
ClientSampleId :
OU4-PCS-TC-06-021725

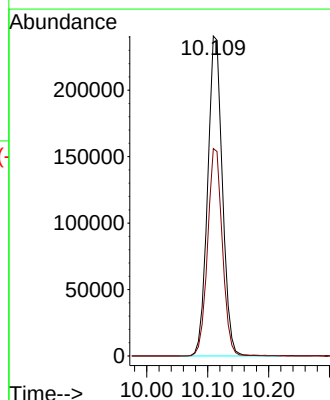
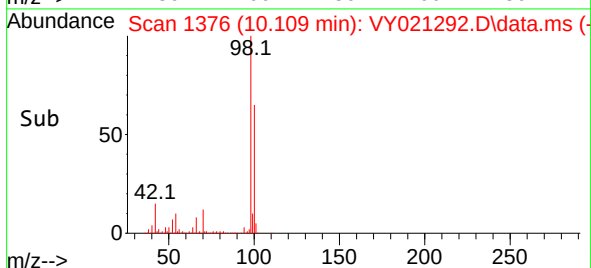
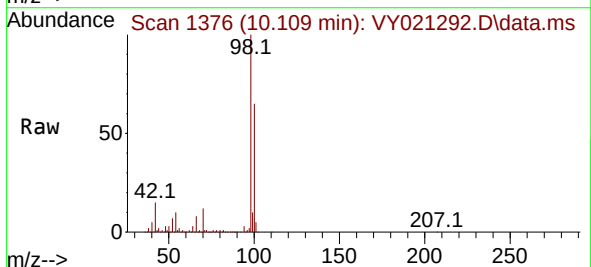


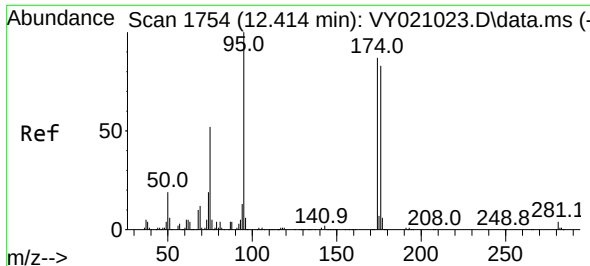
Tgt Ion:113 Resp: 106313
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 19.8 14.5 21.7



#50
Toluene-d8
Concen: 51.041 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

Tgt Ion: 98 Resp: 405486
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

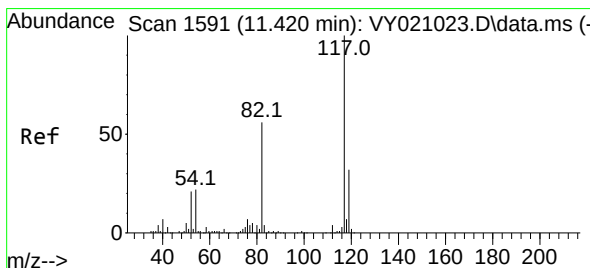
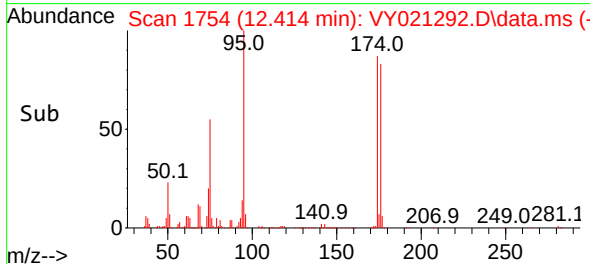
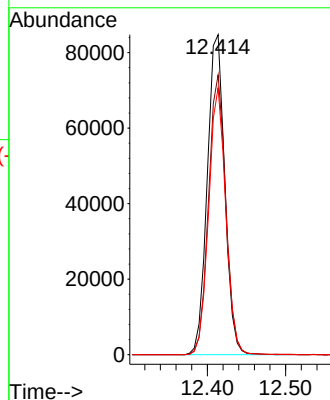
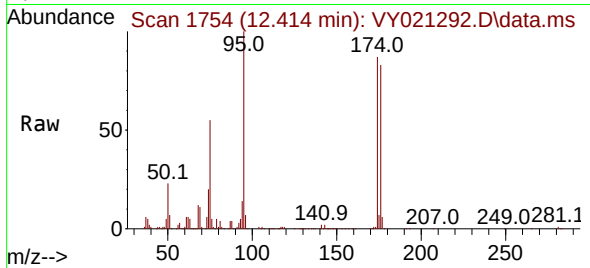




#62
4-Bromofluorobenzene
Concen: 50.481 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

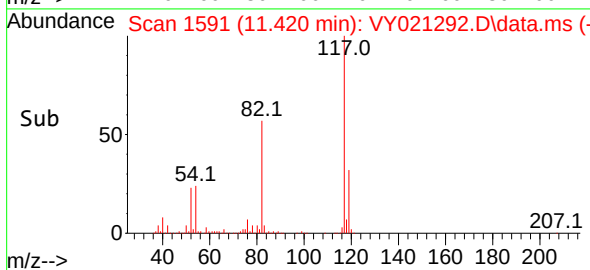
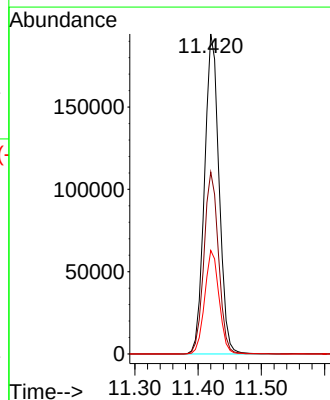
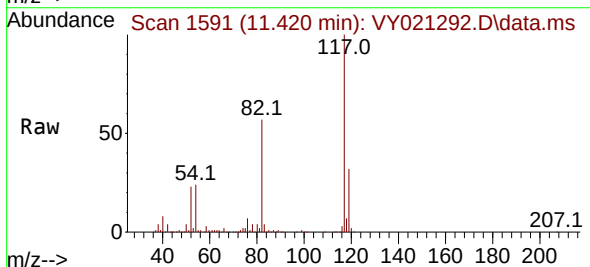
Instrument :
MSVOA_Y
ClientSampleId :
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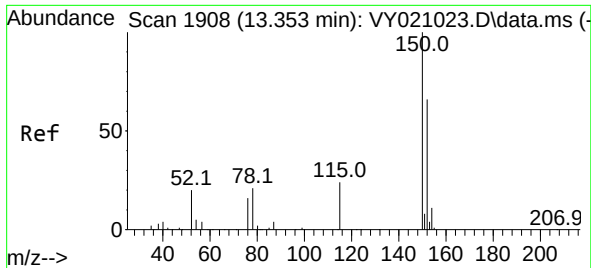
Tgt Ion:	95	Resp:	131017
Ion Ratio	Lower	Upper	
95	100		
174	86.5	0.0	160.0
176	81.8	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY021292.D
Acq: 21 Feb 2025 17:44

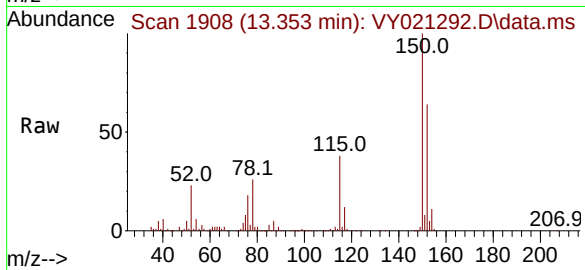
Tgt Ion:	117	Resp:	311285
Ion Ratio	Lower	Upper	
117	100		
82	56.9	43.8	65.8
119	32.3	26.5	39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1908
 Delta R.T. -0.000 min
 Lab File: VY021292.D
 Acq: 21 Feb 2025 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :
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Tgt Ion:152 Resp: 126553
 Ion Ratio Lower Upper
 152 100
 115 58.4 30.0 90.0
 150 154.8 0.0 344.6

