

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032125\
 Data File : VY021597.D
 Acq On : 21 Mar 2025 14:15
 Operator : SY/MD
 Sample : Q1619-05
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1

Quant Time: Mar 21 23:11:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

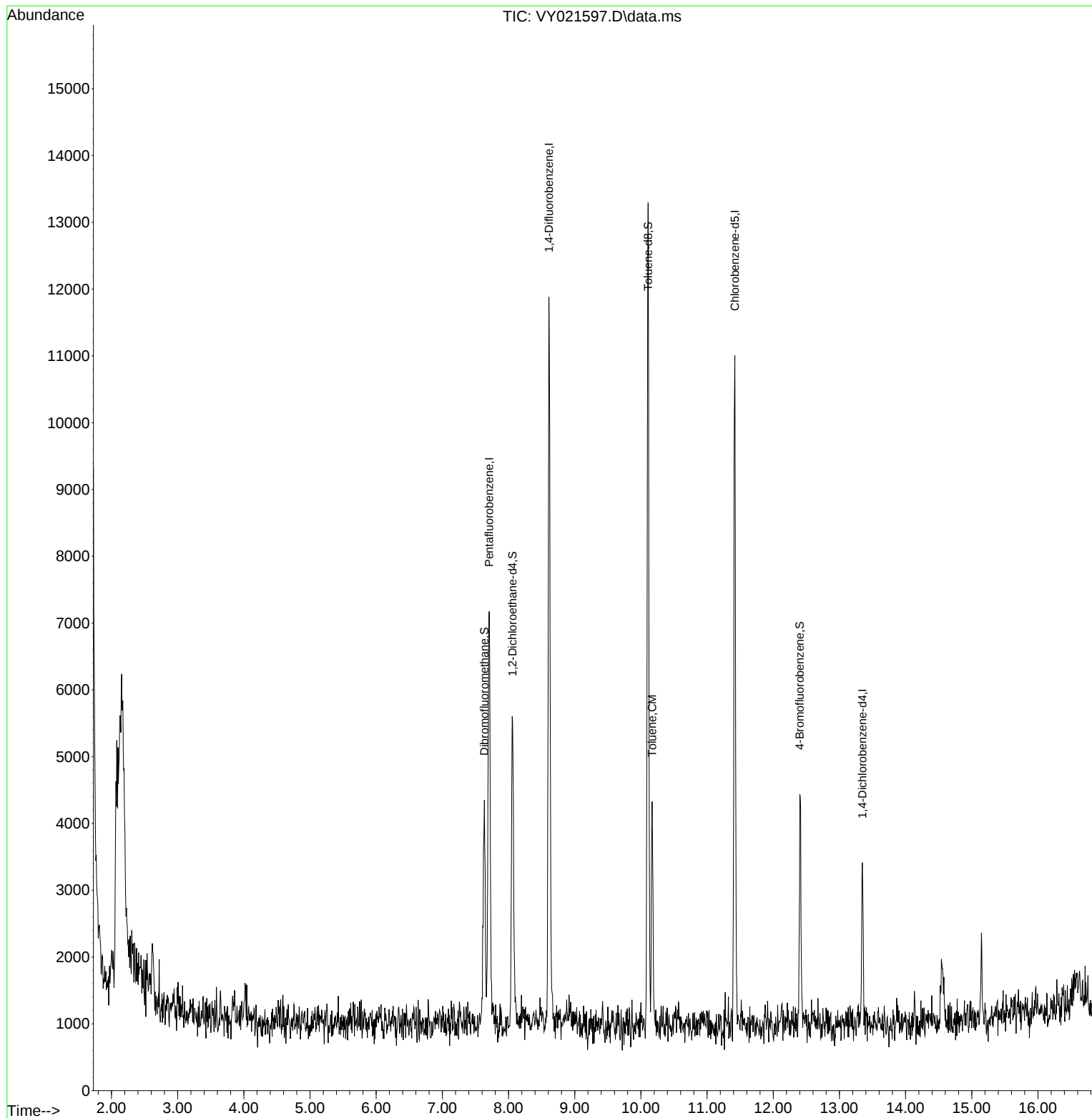
Internal Standards						
1) Pentafluorobenzene	7.707	168	4668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	8946	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	5563	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	3851	78.054	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	156.100%
35) Dibromofluoromethane	7.634	113	2468	41.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.940%
50) Toluene-d8	10.109	98	8557	38.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.860%
62) 4-Bromofluorobenzene	12.402	95	1313	17.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.680%
Target Compounds						
52) Toluene	10.170	92	1272	7.441	ug/l	Qvalue 97

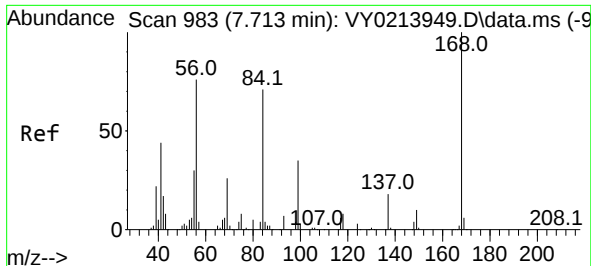
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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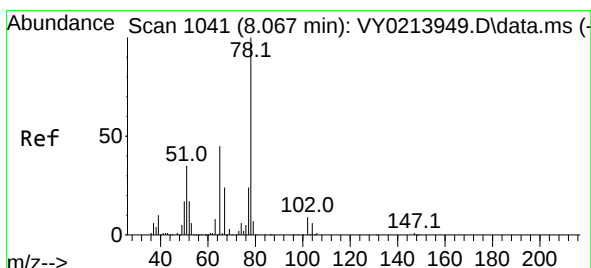
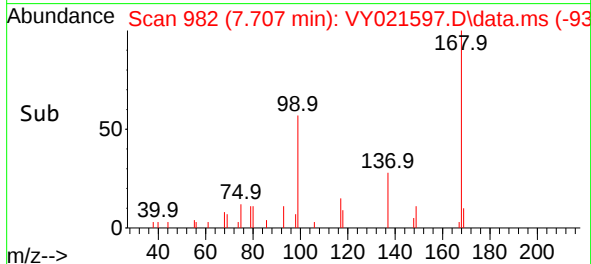
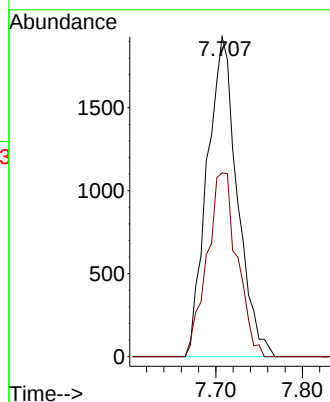
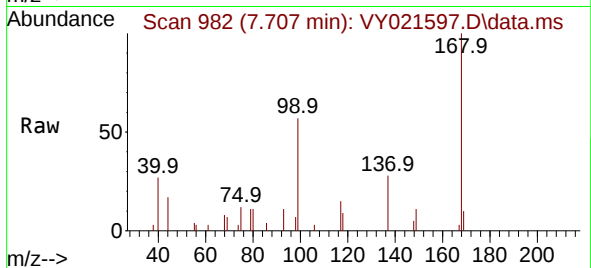




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021597.D
Acq: 21 Mar 2025 14:15

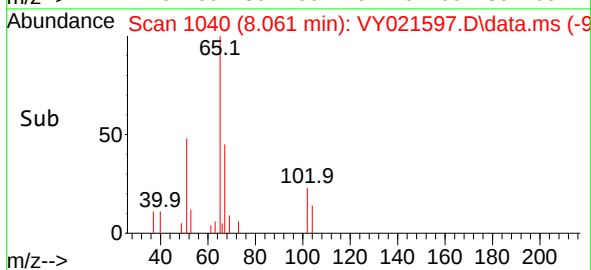
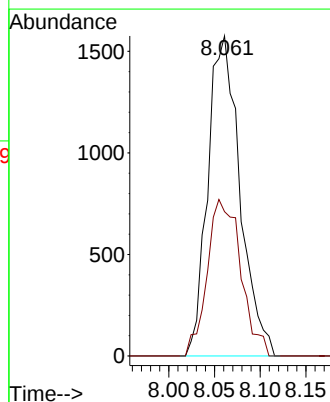
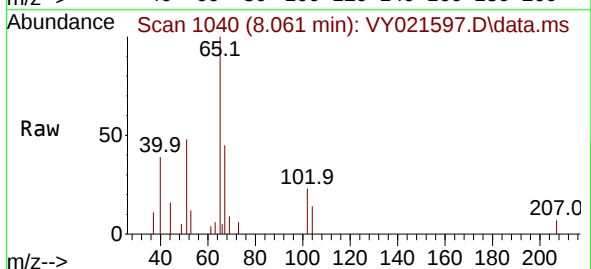
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

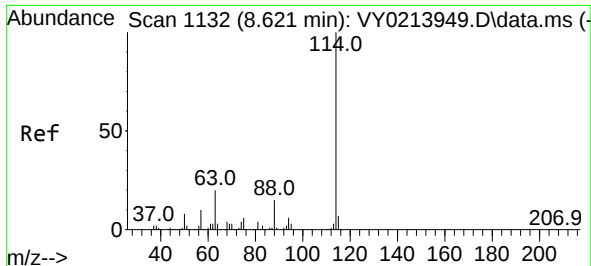
Tgt Ion:168 Resp: 4668
Ion Ratio Lower Upper
168 100
99 57.5 46.0 69.0



#33
1,2-Dichloroethane-d4
Concen: 78.054 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021597.D
Acq: 21 Mar 2025 14:15

Tgt Ion: 65 Resp: 3851
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.8

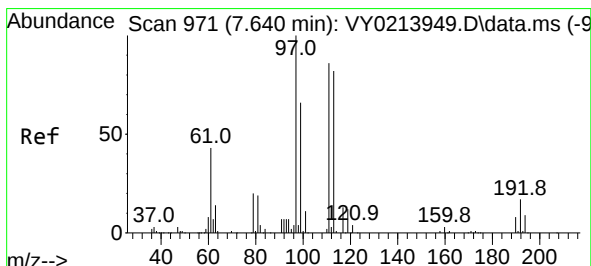
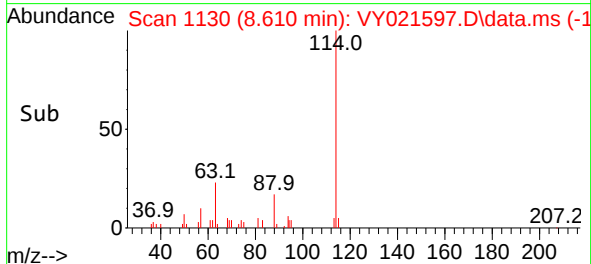
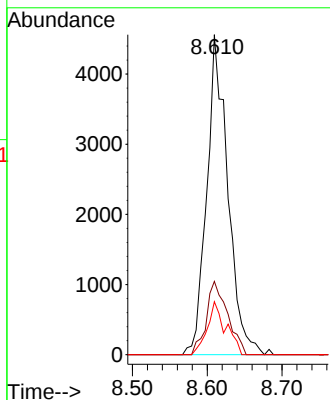
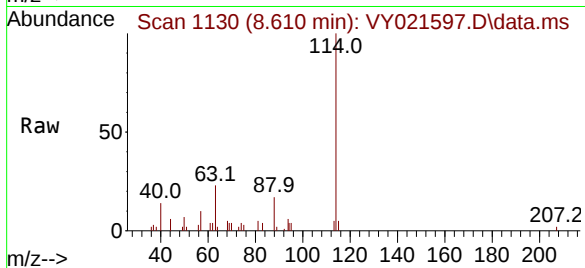




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1132
Delta R.T. -0.012 min
Lab File: VY021597.D
Acq: 21 Mar 2025 14:15

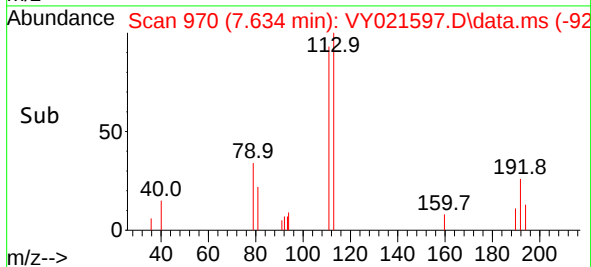
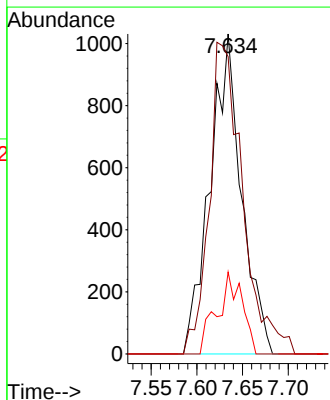
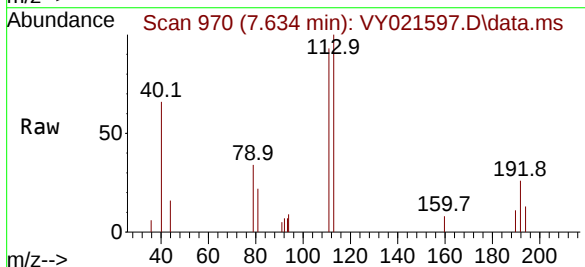
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

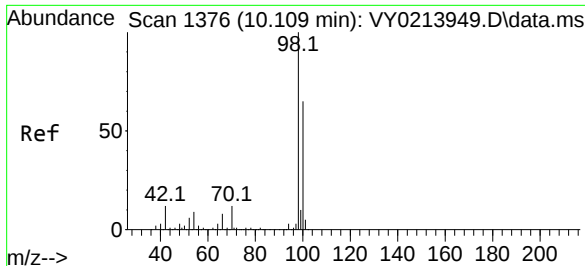
Tgt Ion:114	Resp:	8946
Ion Ratio	Lower	Upper
114	100	
63	22.9	0.0 40.8
88	16.5	0.0 30.8



#35
Dibromofluoromethane
Concen: 41.970 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021597.D
Acq: 21 Mar 2025 14:15

Tgt Ion:113	Resp:	2468
Ion Ratio	Lower	Upper
113	100	
111	103.2	82.0 123.0
192	20.3	15.9 23.9

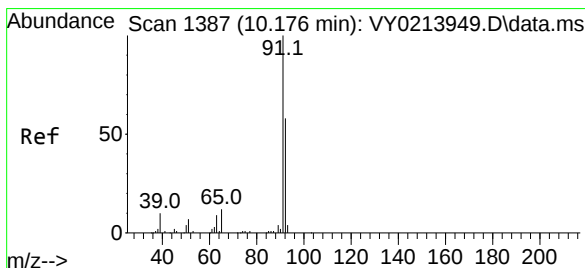
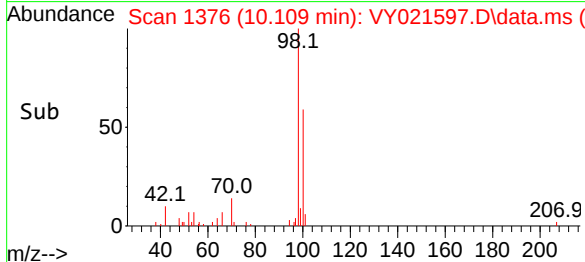
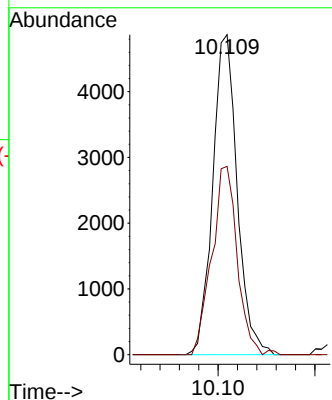
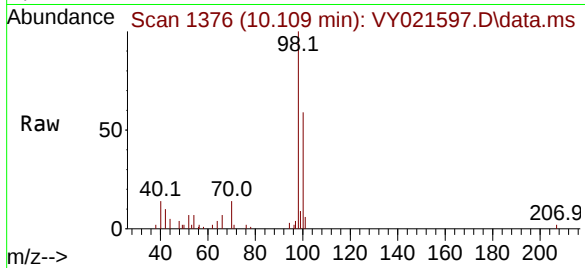




#50
Toluene-d8
Concen: 38.433 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021597.D
Acq: 21 Mar 2025 14:15

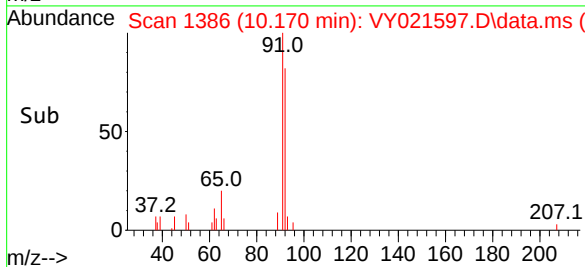
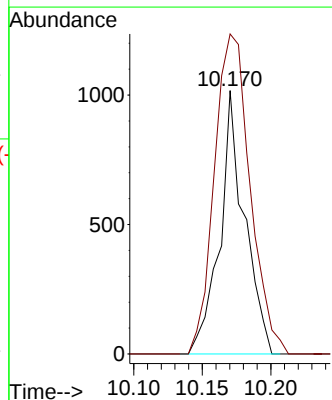
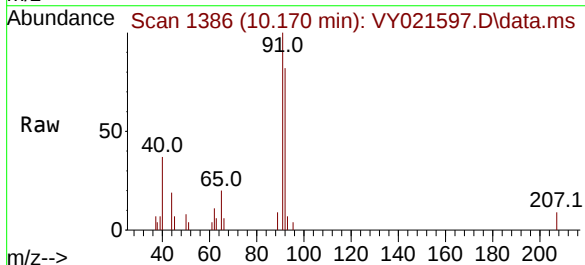
Instrument :
MSVOA_Y
ClientSampleId :
TP-1

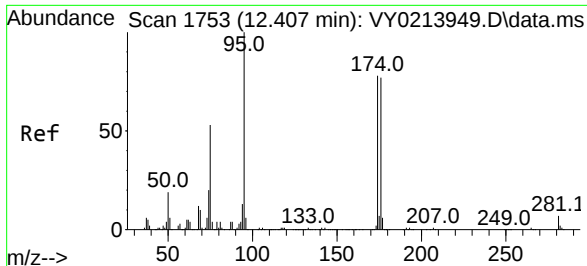
Tgt Ion: 98 Resp: 8557
Ion Ratio Lower Upper
98 100
100 61.2 52.1 78.1



#52
Toluene
Concen: 7.441 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021597.D
Acq: 21 Mar 2025 14:15

Tgt Ion: 92 Resp: 1272
Ion Ratio Lower Upper
92 100
91 176.3 138.2 207.2

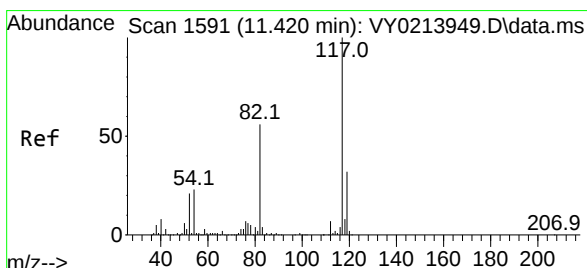
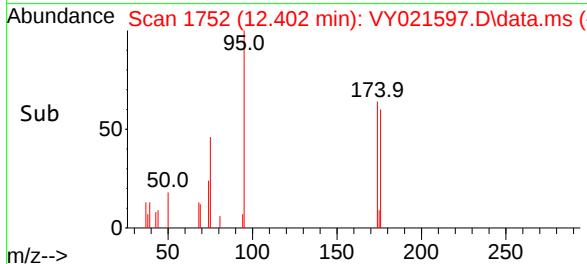
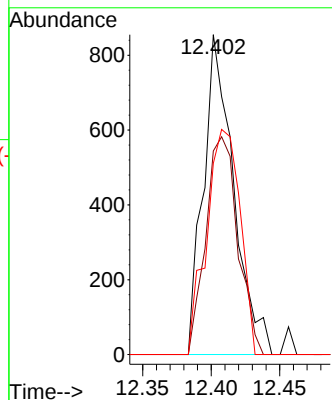
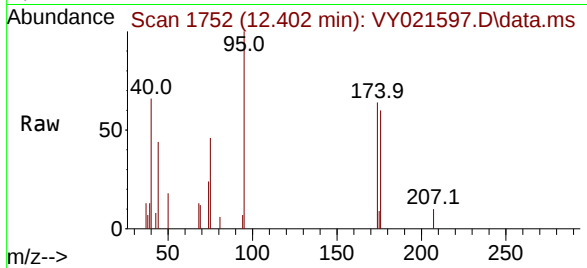




#62
4-Bromofluorobenzene
Concen: 17.337 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021597.D
Acq: 21 Mar 2025 14:15

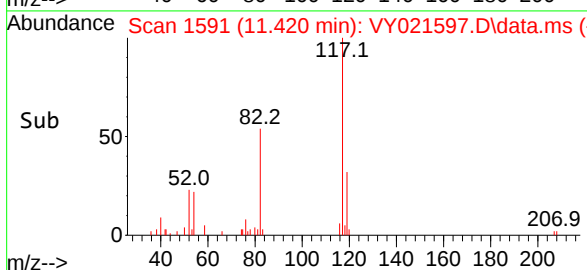
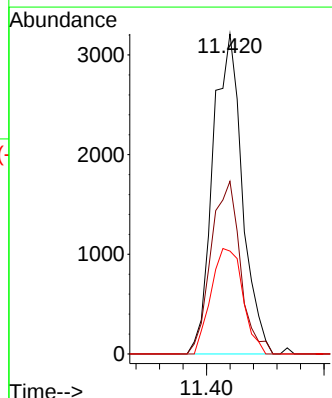
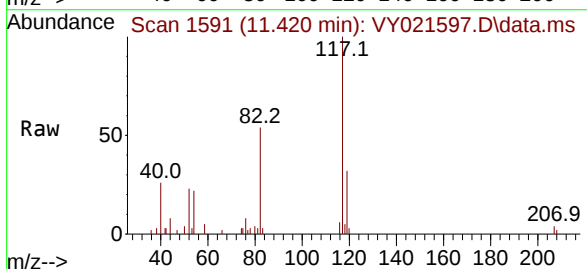
Instrument :
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ClientSampleId :
TP-1

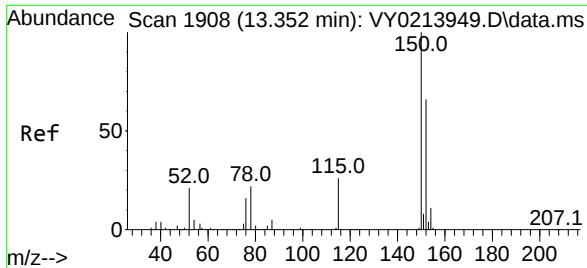
Tgt Ion: 95 Resp: 1313
Ion Ratio Lower Upper
95 100
174 72.0 0.0 165.0
176 78.0 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021597.D
Acq: 21 Mar 2025 14:15

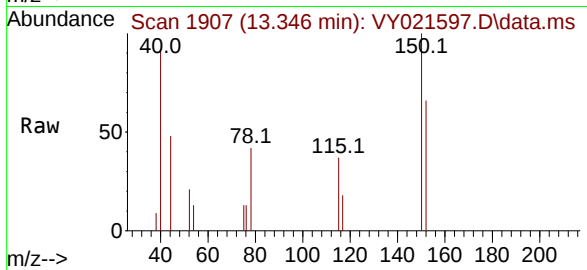
Tgt Ion: 117 Resp: 5563
Ion Ratio Lower Upper
117 100
82 53.9 44.6 67.0
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.006 min
 Lab File: VY021597.D
 Acq: 21 Mar 2025 14:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-1



Tgt Ion:	152	Resp:	767
Ion Ratio	Lower	Upper	
152	100		
115	61.8	29.0	87.0
150	184.9	0.0	347.2

