Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
Data File : VY022017.D
Acq On : 25 Apr 2025 18:36
Operator : SY/MD
Sample : IBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Quant Time: Apr 25 22:57:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	314909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	618427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	564757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	220999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	164584	56.582	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.160%			
35) Dibromofluoromethane	7.628	113	207539	50.797	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.600%			
50) Toluene-d8	10.103	98	751078	48.762	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.520%			
62) 4-Bromofluorobenzene	12.401	95	217295	41.906	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.820%			
Target Compounds						Qvalue

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

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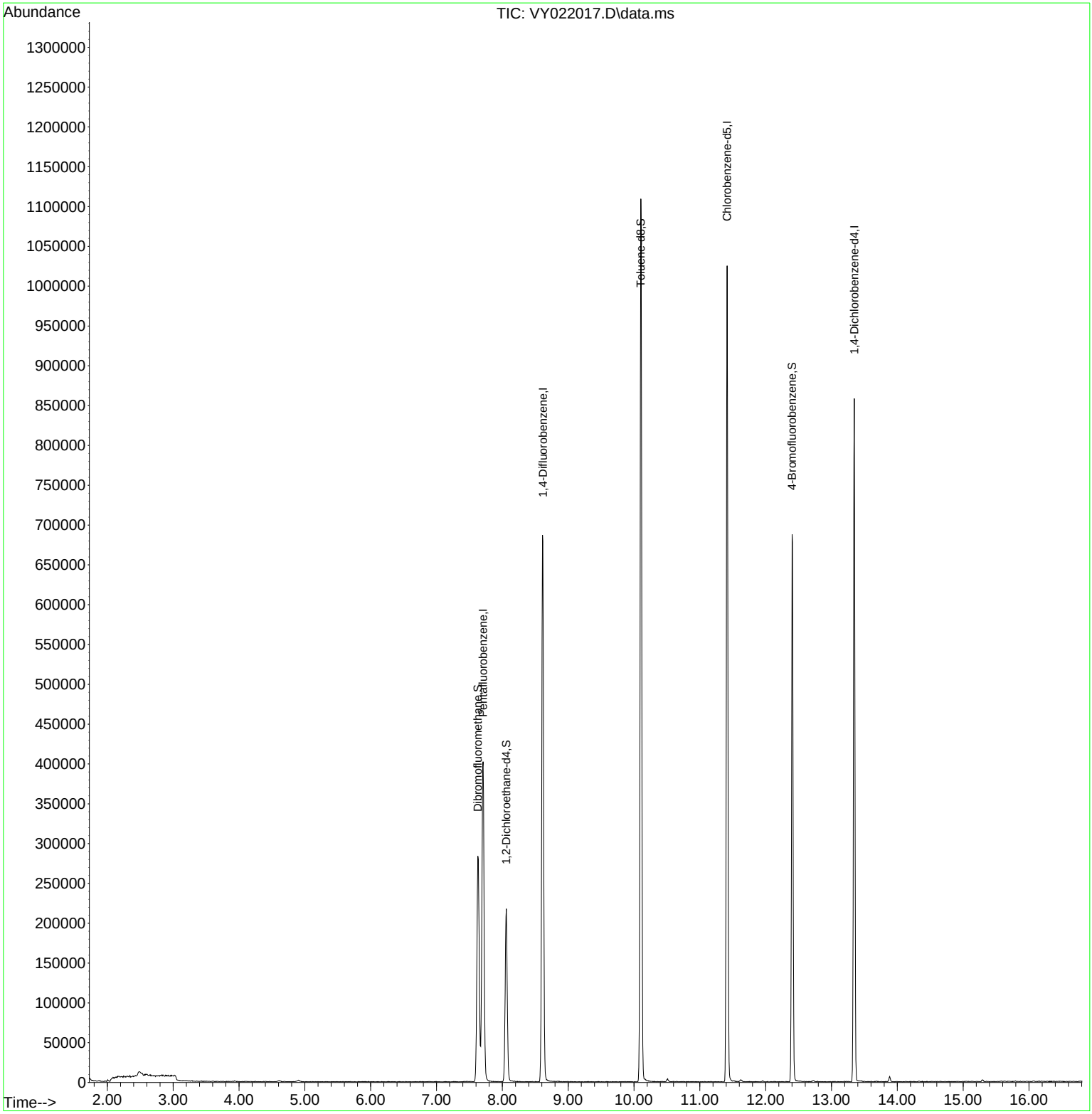
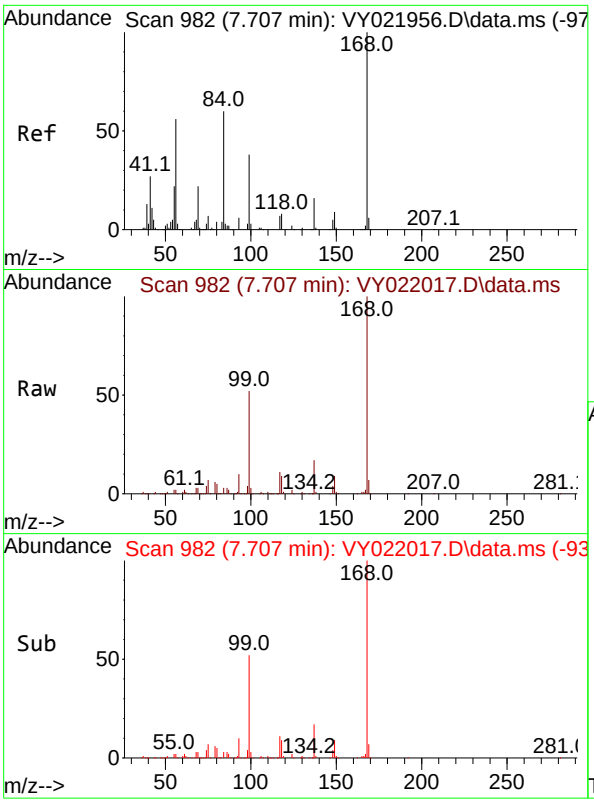


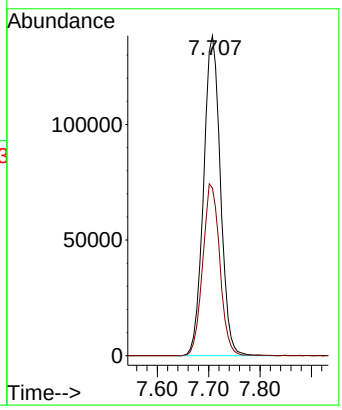


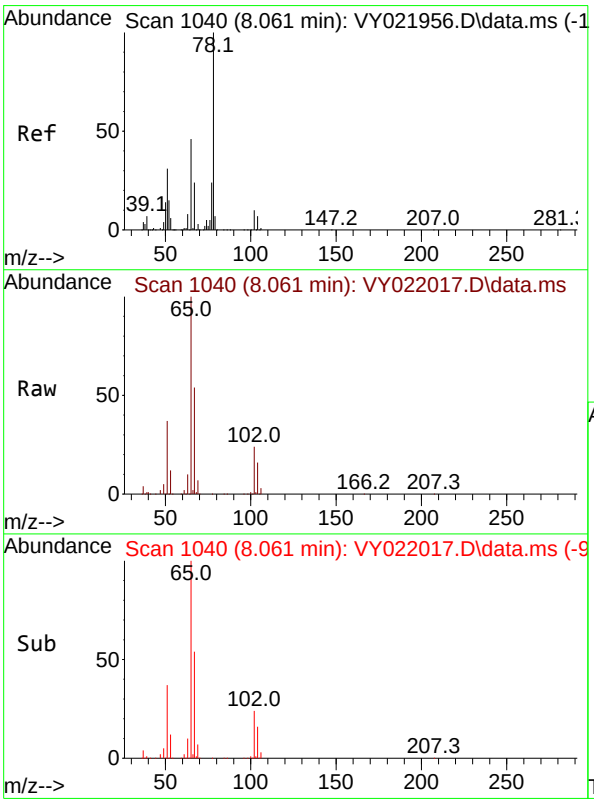
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY022017.D
Acq: 25 Apr 2025 18:36

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 314909

Ion	Ratio	Lower	Upper
168	100		
99	52.4	43.1	64.7

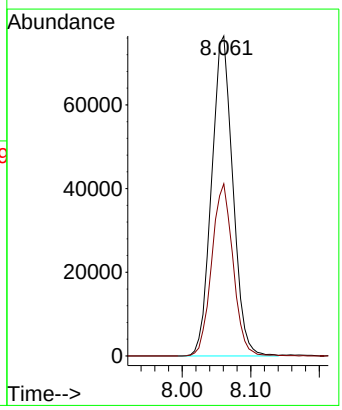


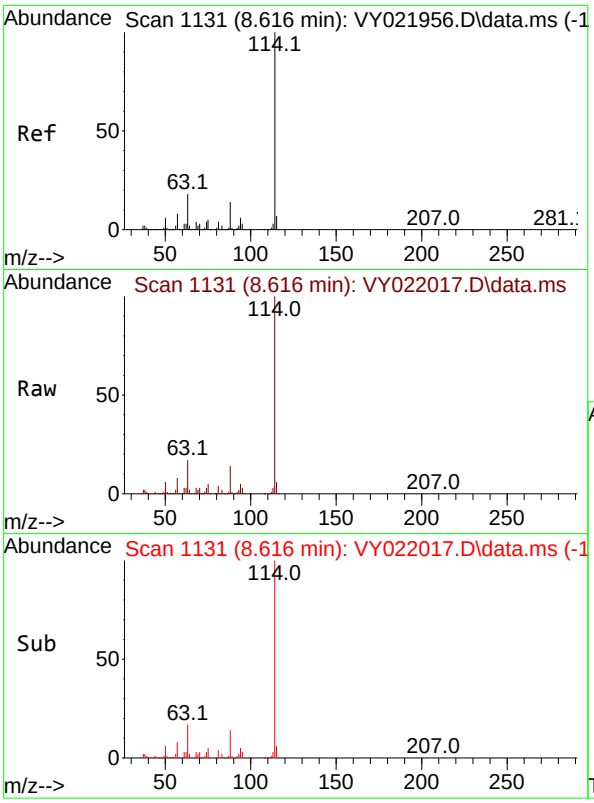


#33
1,2-Dichloroethane-d4
Concen: 56.582 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022017.D
Acq: 25 Apr 2025 18:36

Tgt Ion: 65 Resp: 164584

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	105.8



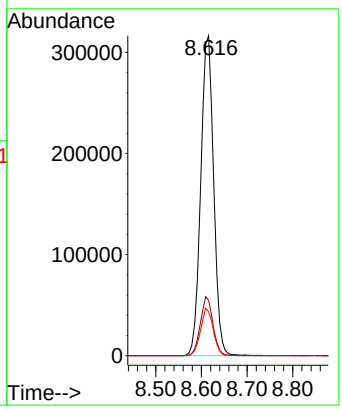


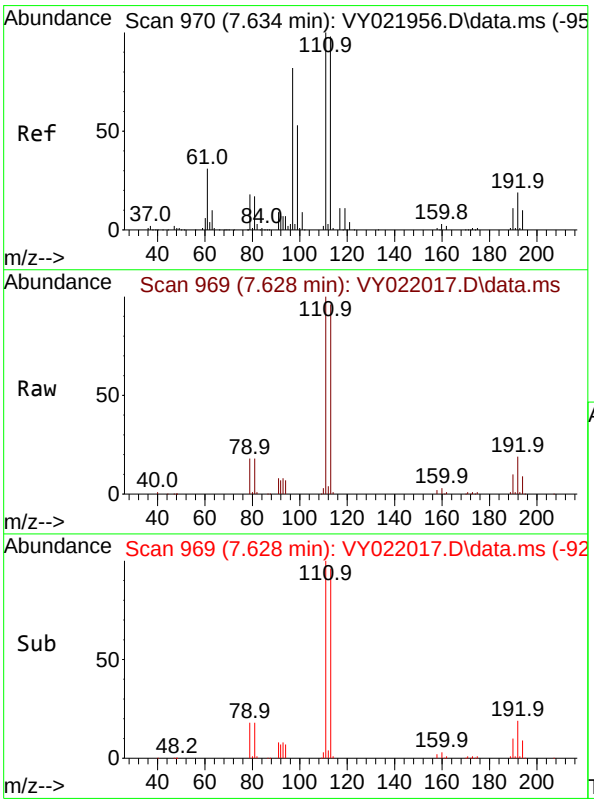
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022017.D
Acq: 25 Apr 2025 18:36

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 618427

Ion	Ratio	Lower	Upper
114	100		
63	17.3	0.0	35.4
88	13.7	0.0	28.2

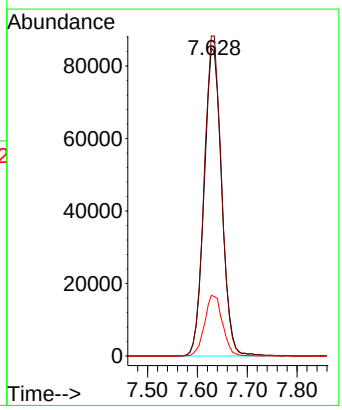


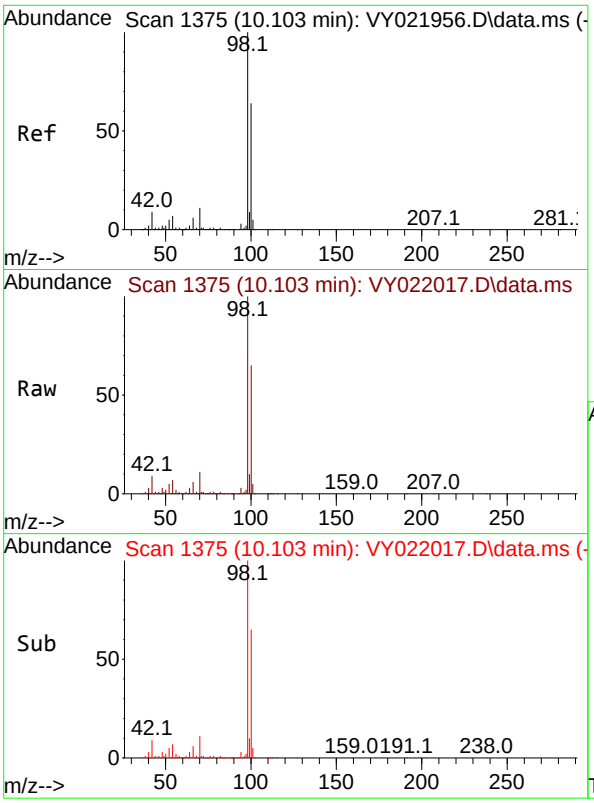


#35
Dibromofluoromethane
Concen: 50.797 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY022017.D
Acq: 25 Apr 2025 18:36

Tgt Ion:113 Resp: 207539

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	20.1	15.6	23.4



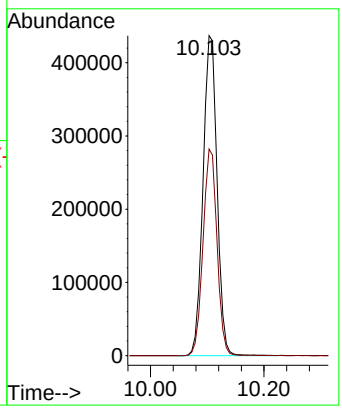


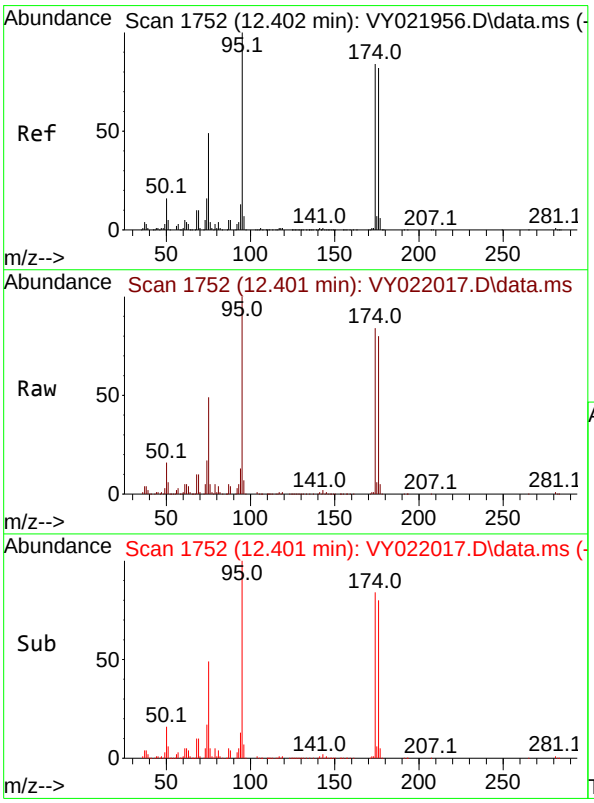
#50
Toluene-d8
Concen: 48.762 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022017.D
Acq: 25 Apr 2025 18:36

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 751078

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4

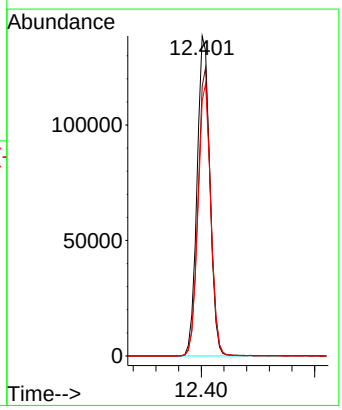


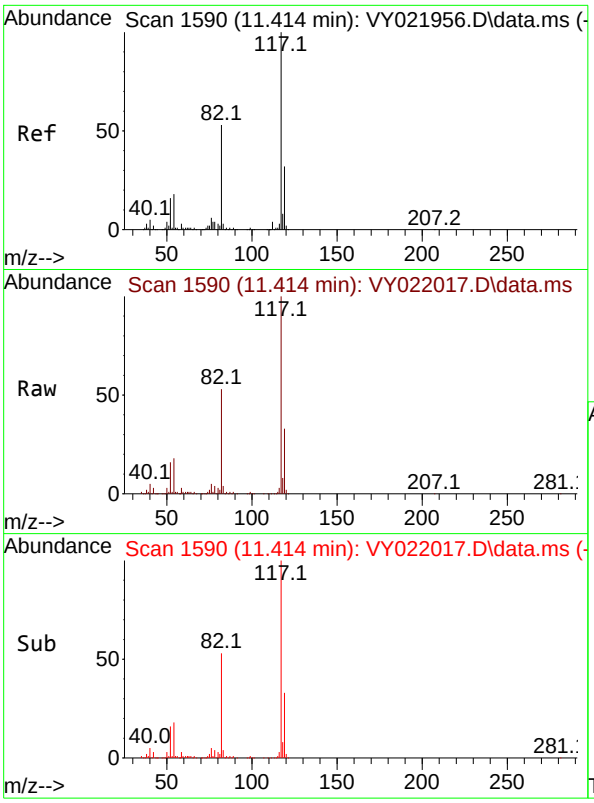


#62
4-Bromofluorobenzene
Concen: 41.906 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY022017.D
Acq: 25 Apr 2025 18:36

Tgt Ion: 95 Resp: 217295

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	179.0
176	84.5	0.0	171.8



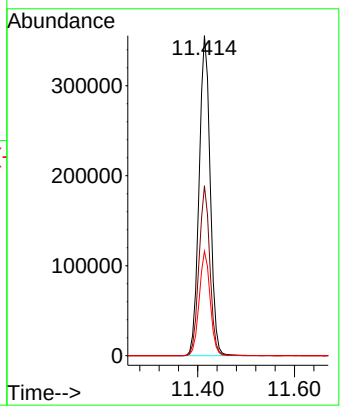


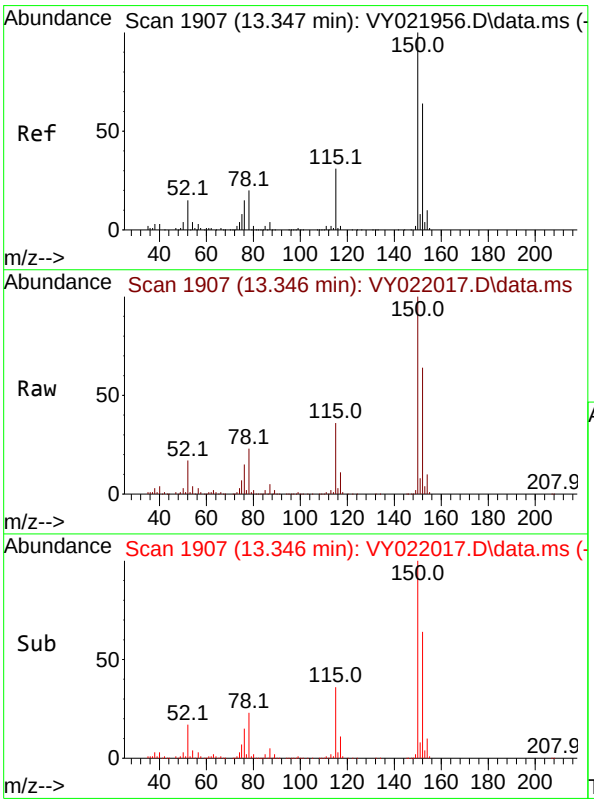
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022017.D
Acq: 25 Apr 2025 18:36

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 564757

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.1	63.1
119	32.6	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: VY022017.D
Acq: 25 Apr 2025 18:36

Tgt Ion:152 Resp: 220999

Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.0	84.0
150	157.3	0.0	345.6