Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040125\
Data File : VY021739.D
Acq On : 01 Apr 2025 14:19
Operator : SY/MD
Sample : IBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Quant Time: Apr 02 03:23:26 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	266423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	500126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	459676	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	195040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	163095	56.500	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.000%			
35) Dibromofluoromethane	7.634	113	168861	52.050	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.100%			
50) Toluene-d8	10.109	98	608685	49.318	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.640%			
62) 4-Bromofluorobenzene	12.408	95	197646	47.344	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.680%			
Target Compounds						Qvalue

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

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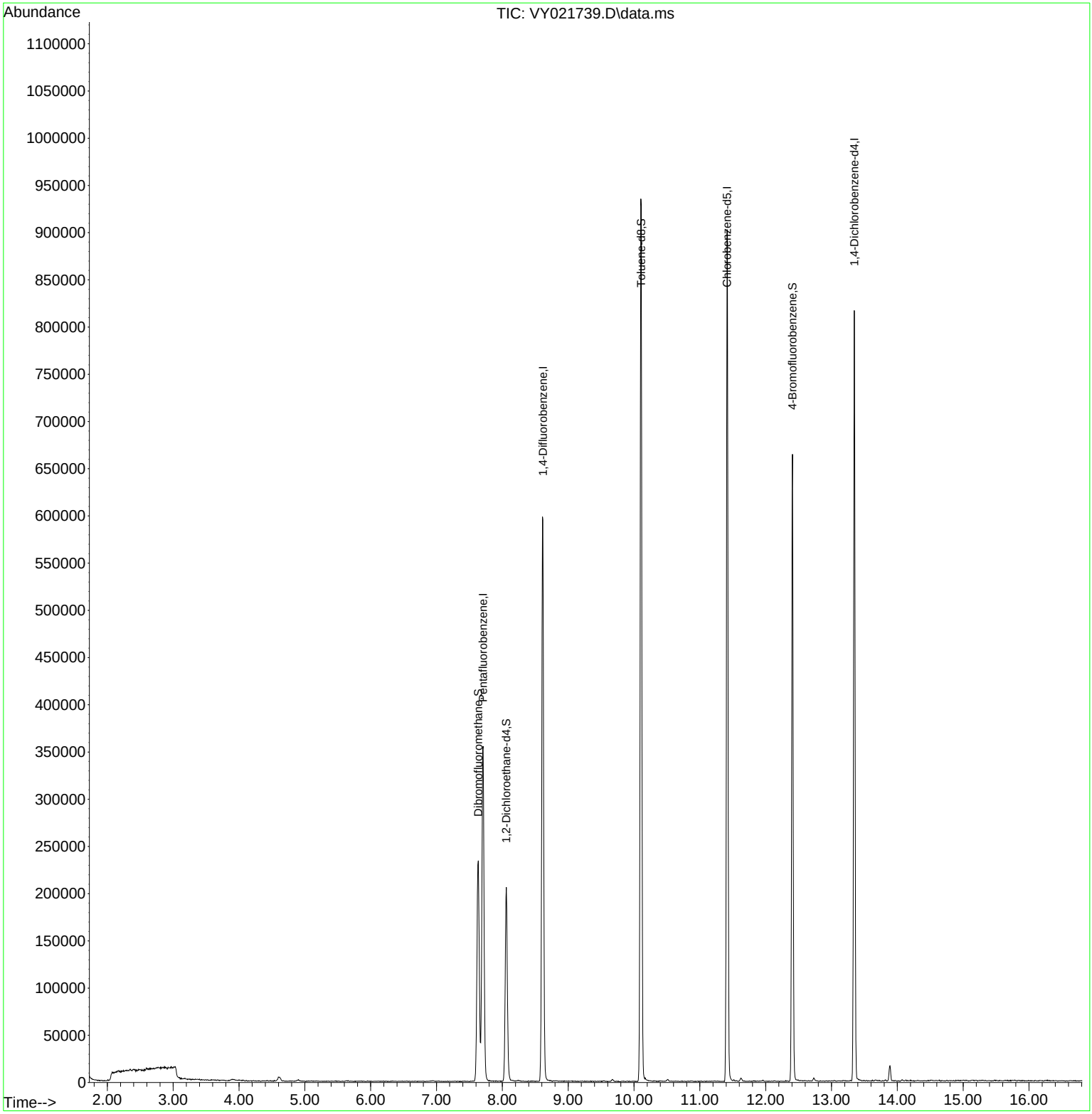
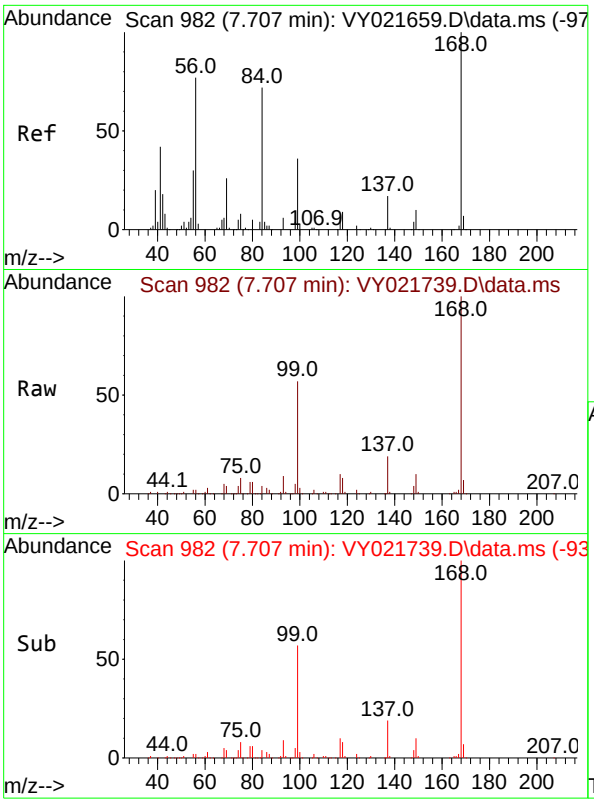


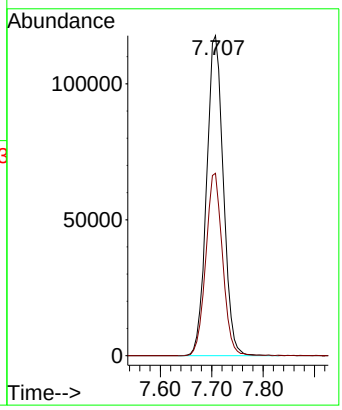


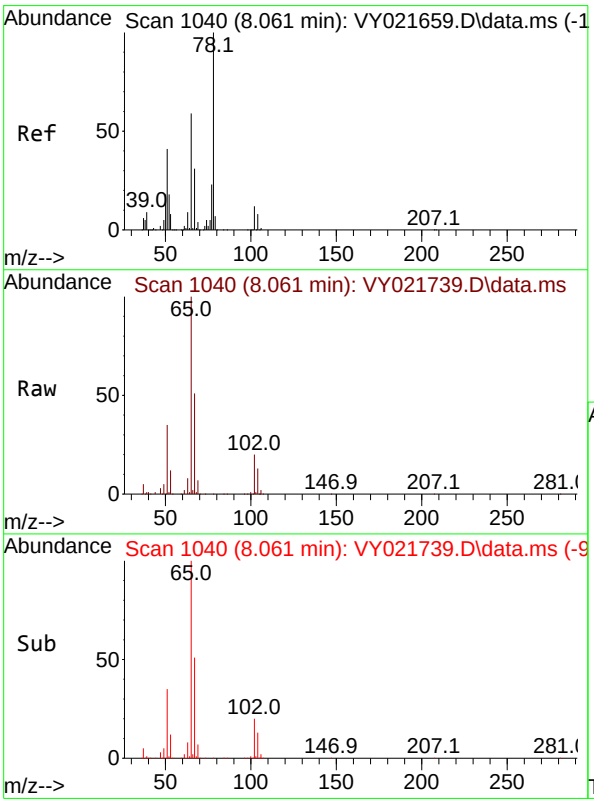
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 266423

Ion	Ratio	Lower	Upper
168	100		
99	57.0	46.7	70.1

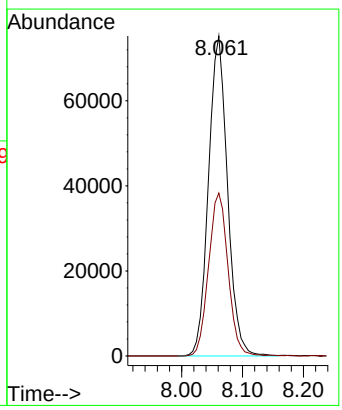


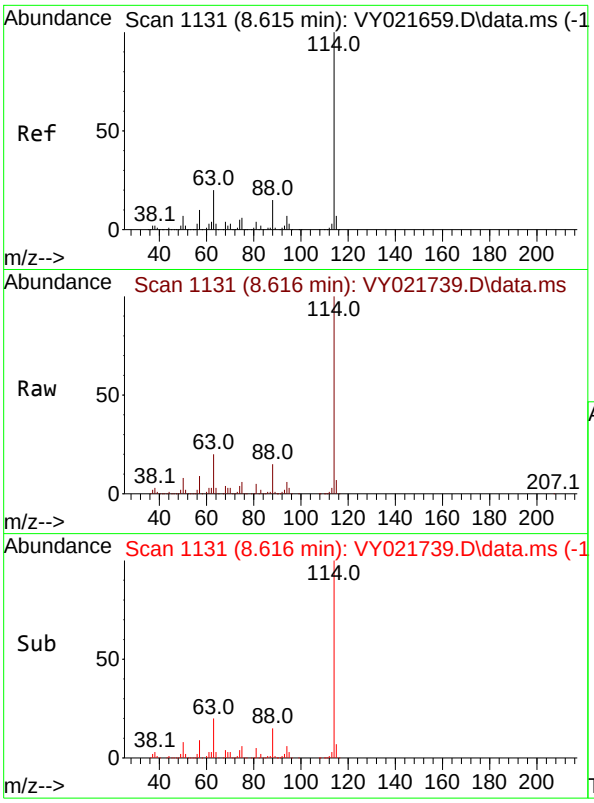


#33
1,2-Dichloroethane-d4
Concen: 56.500 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Tgt Ion: 65 Resp: 163095

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	104.6



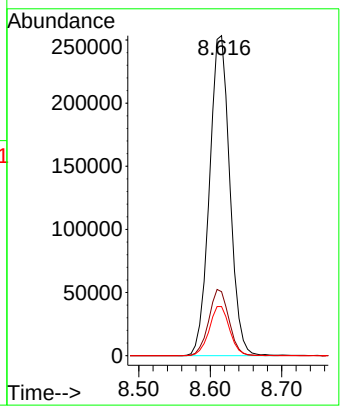


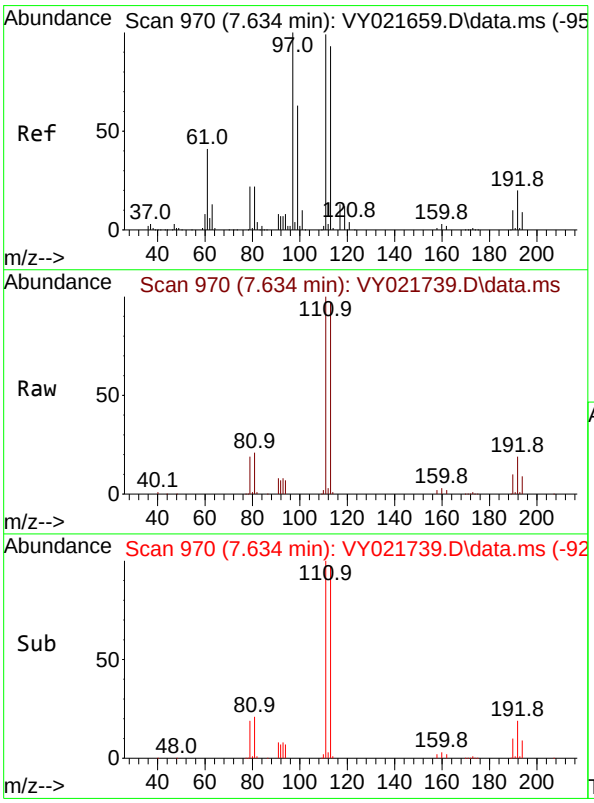
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 500126

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.2
88	15.4	0.0	29.8

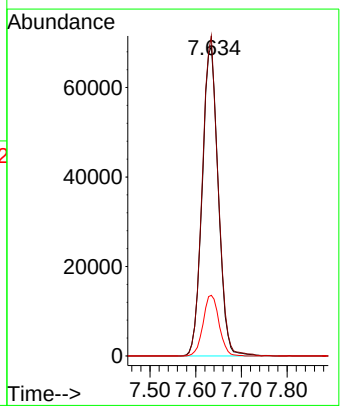


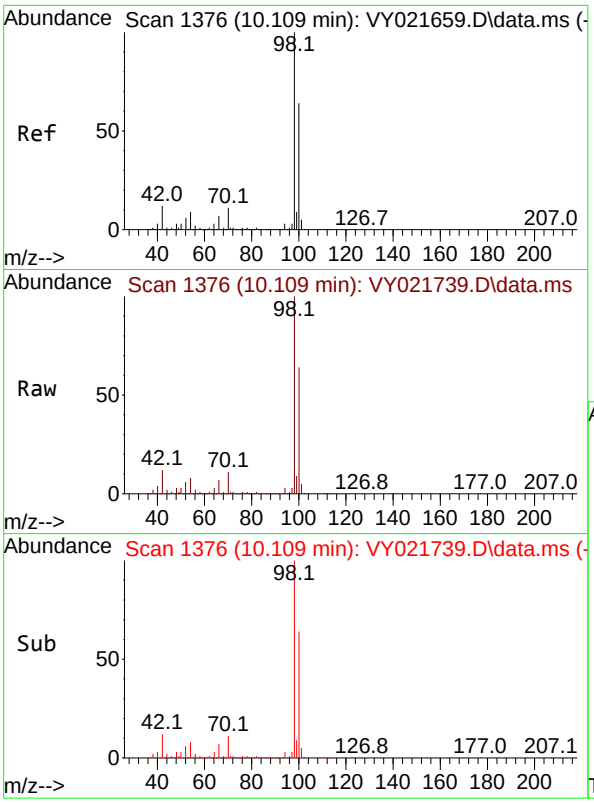


#35
Dibromofluoromethane
Concen: 52.050 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Tgt Ion:113 Resp: 168861

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.6	123.8
192	19.5	16.2	24.4



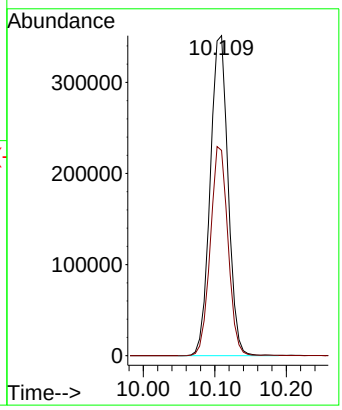


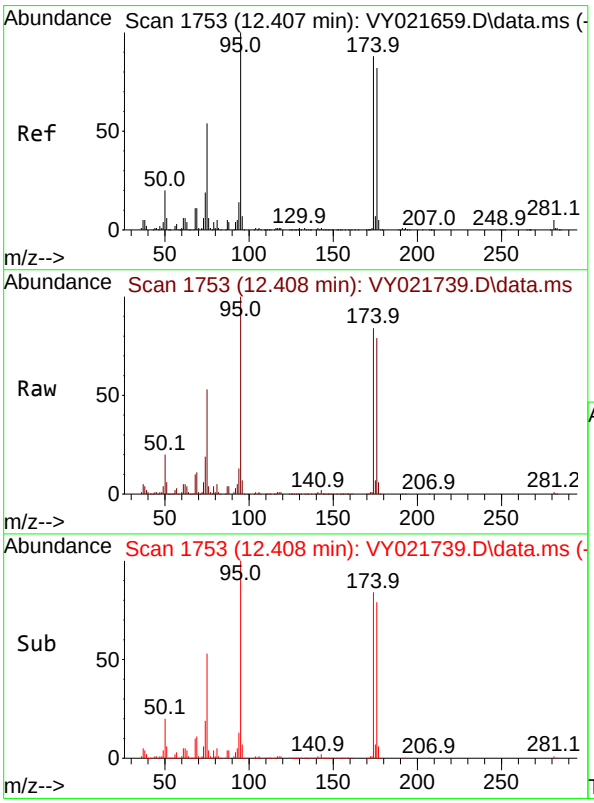
#50
Toluene-d8
Concen: 49.318 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 608685

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.1	78.1

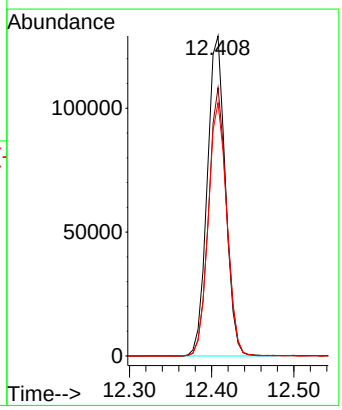


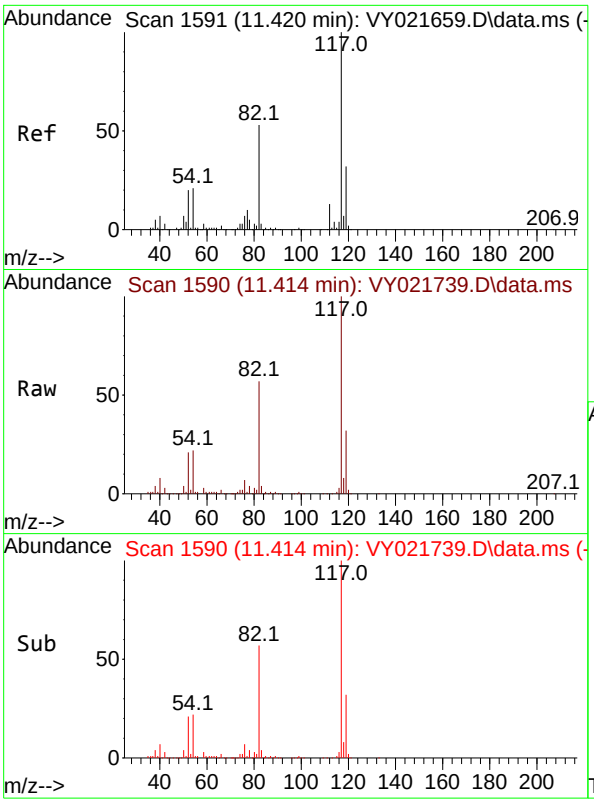


#62
4-Bromofluorobenzene
Concen: 47.344 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Tgt Ion: 95 Resp: 197646

Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	170.8
176	80.7	0.0	162.0



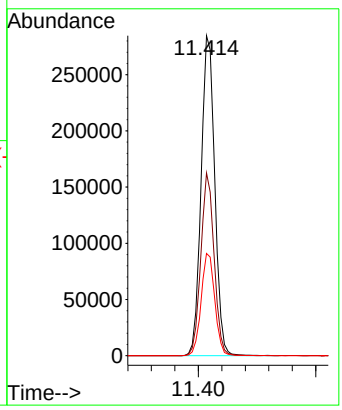


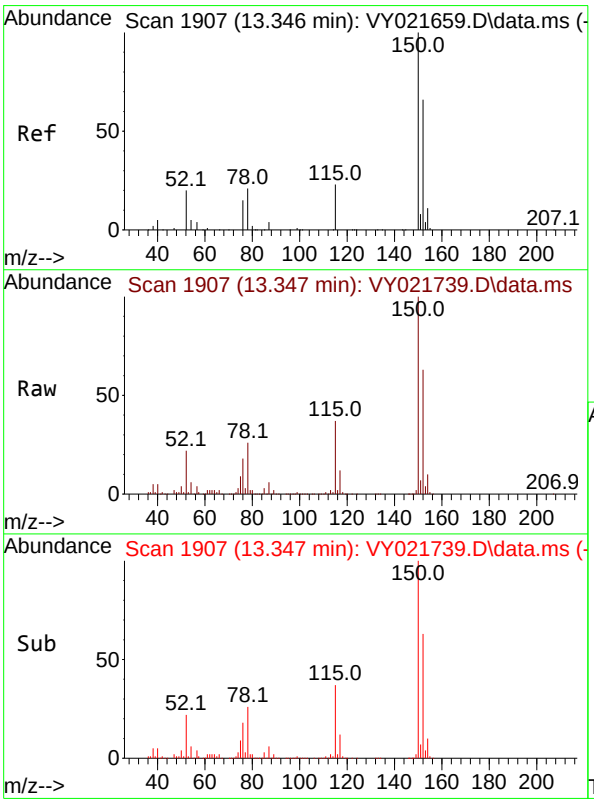
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021739.D
Acq: 01 Apr 2025 14:19

Instrument :
MSVOA_Y
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 459676

Ion	Ratio	Lower	Upper
117	100		
82	57.1	42.8	64.2
119	32.0	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: VY021739.D
Acq: 01 Apr 2025 14:19

Tgt Ion:152 Resp: 195040

Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.8	86.5
150	156.1	0.0	348.4