Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021425\
Data File : VY021204.D
Acq On : 14 Feb 2025 12:16
Operator : SY/MD
Sample : Q1365-03
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11995

Quant Time: Feb 14 22:18:22 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	8476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	8731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	1709	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	799	9.200	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.400%#		
35) Dibromofluoromethane	7.640	113	2204	39.389	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.780%		
50) Toluene-d8	10.115	98	7111	33.382	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	66.760%		
62) 4-Bromofluorobenzene	12.420	95	244	3.506	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	7.020%#		
Target Compounds						Qvalue

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

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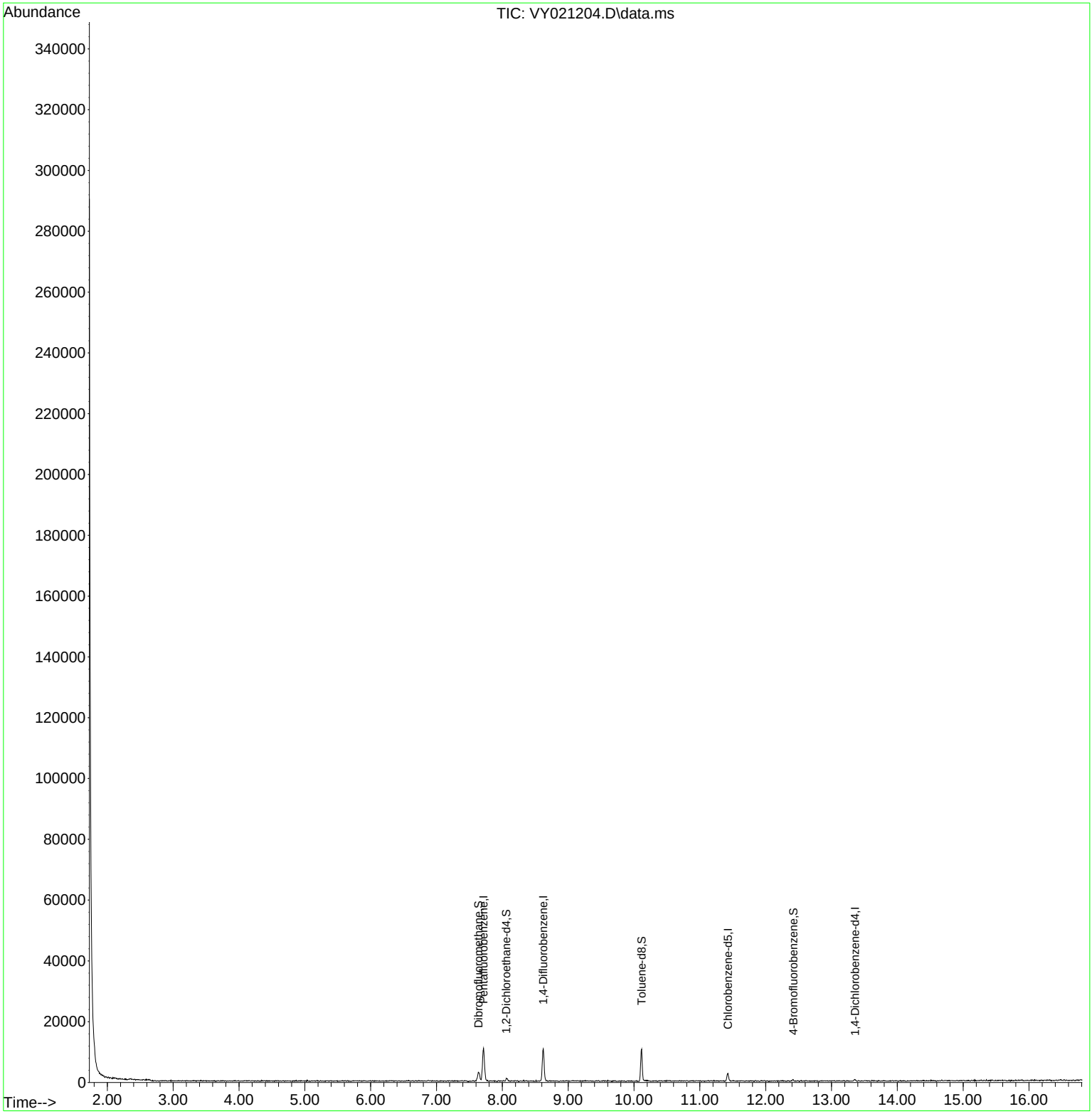
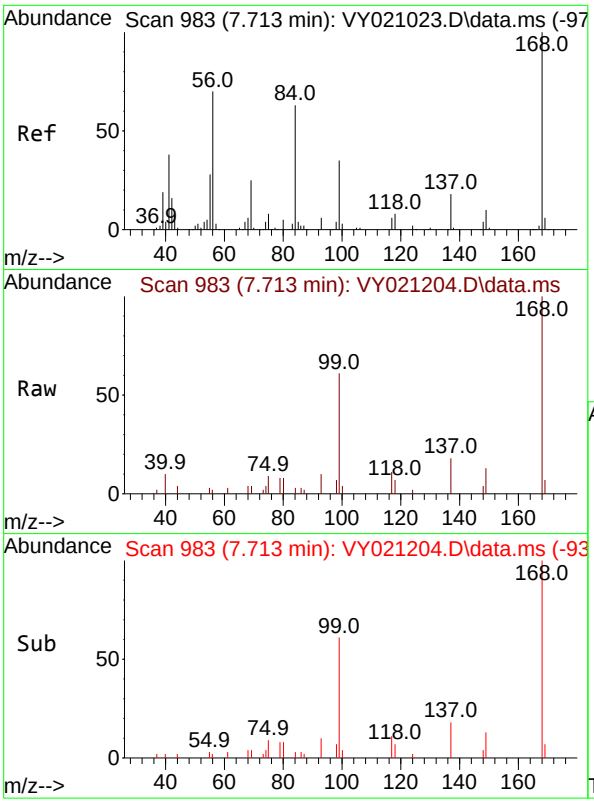


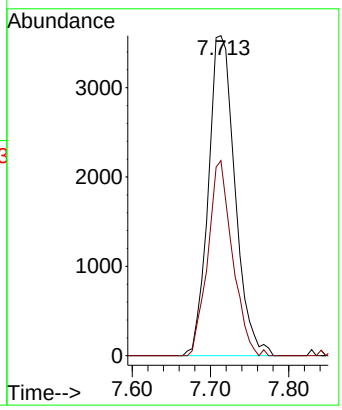


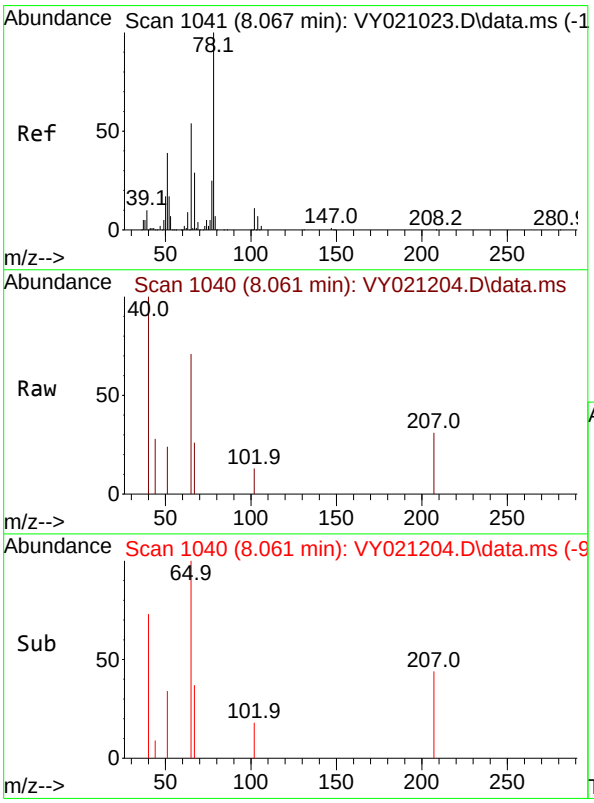
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Instrument :
MSVOA_Y
ClientSampleId :
72-11995

Tgt Ion:168 Resp: 8476

Ion	Ratio	Lower	Upper
168	100		
99	61.0	44.2	66.4

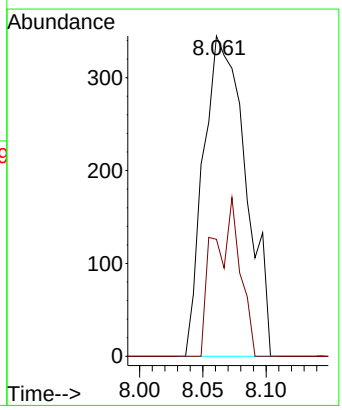


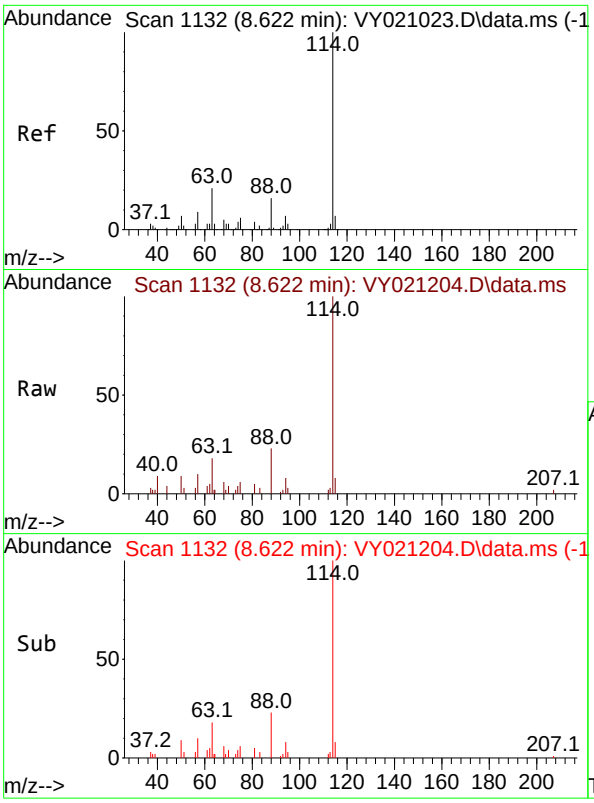


#33
1,2-Dichloroethane-d4
Concen: 9.200 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Tgt Ion: 65 Resp: 799

Ion	Ratio	Lower	Upper
65	100		
67	16.0	0.0	109.0



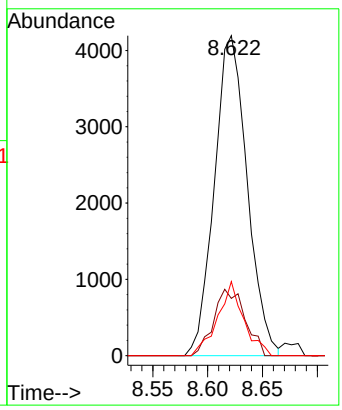


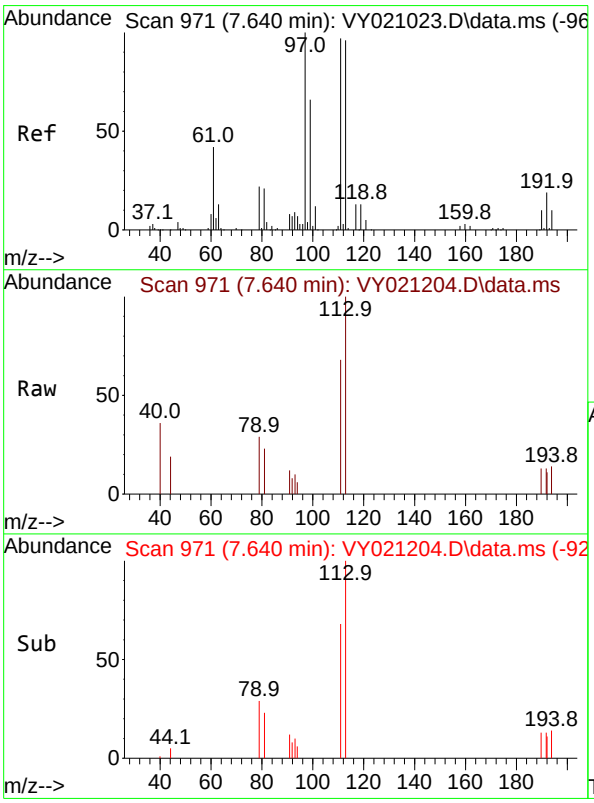
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Instrument :
MSVOA_Y
ClientSampleId :
72-11995

Tgt Ion:114 Resp: 8731

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	37.4
88	23.1	0.0	29.0

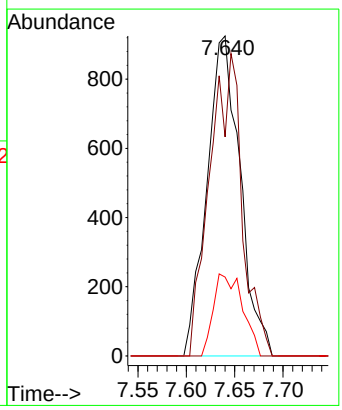


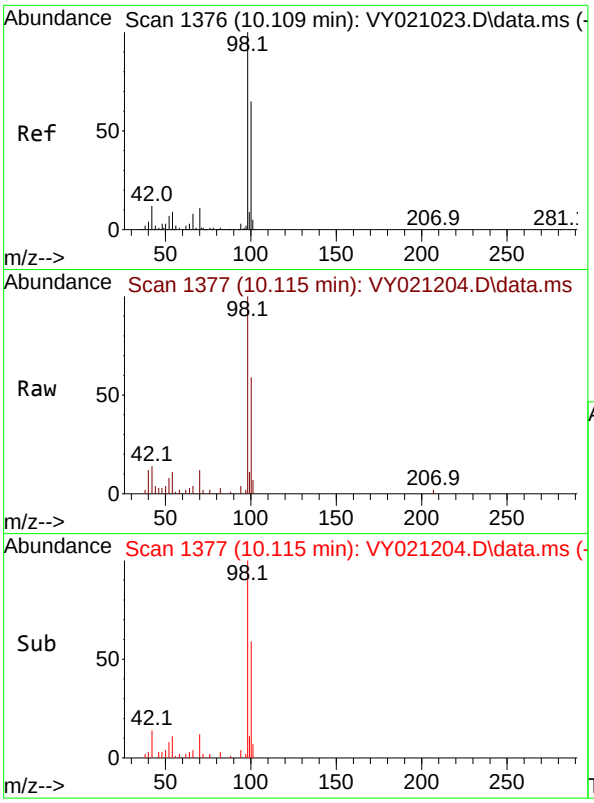


#35
Dibromofluoromethane
Concen: 39.389 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Tgt Ion:113 Resp: 2204

Ion	Ratio	Lower	Upper
113	100		
111	92.2	83.8	125.6
192	22.5	14.5	21.7#



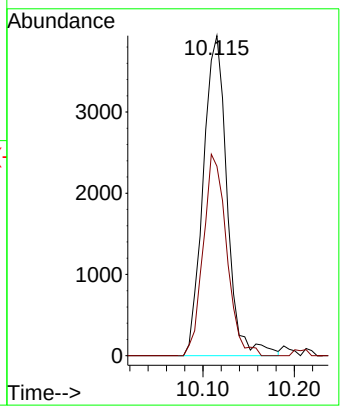


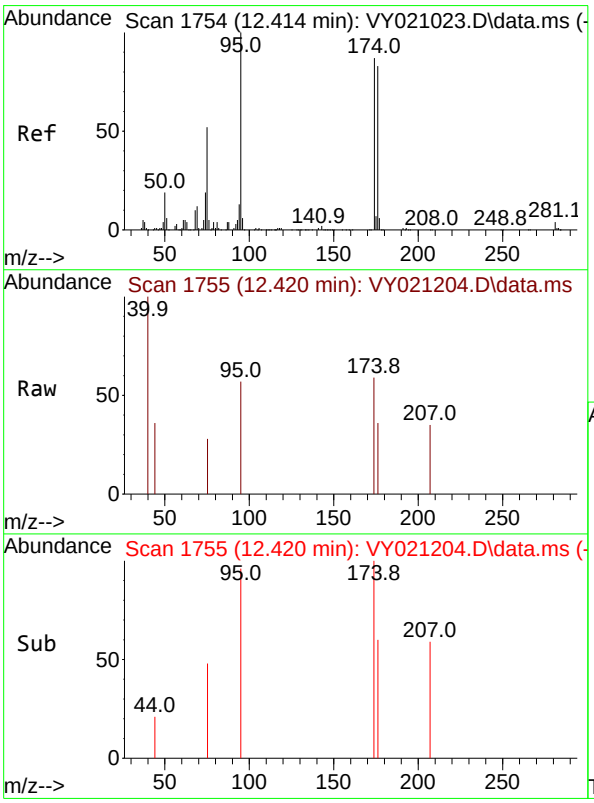
#50
Toluene-d8
Concen: 33.382 ug/l
RT: 10.115 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Instrument :
MSVOA_Y
ClientSampleId :
72-11995

Tgt Ion: 98 Resp: 7111

Ion	Ratio	Lower	Upper
98	100		
100	61.9	52.3	78.5

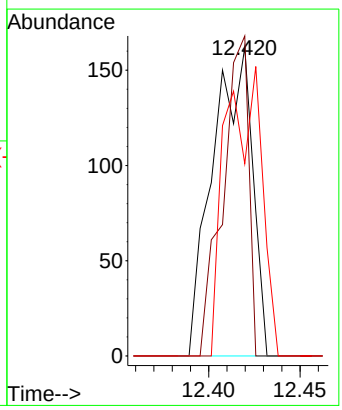


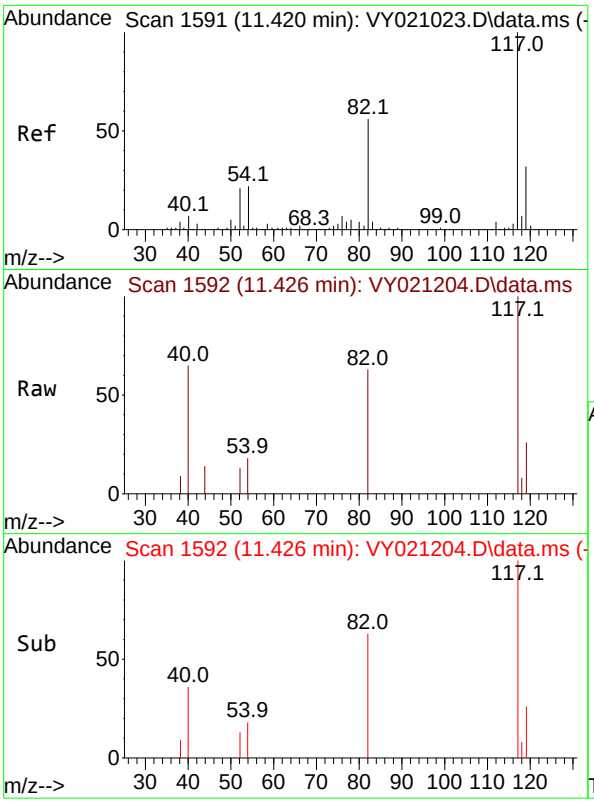


#62
4-Bromofluorobenzene
Concen: 3.506 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.006 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Tgt Ion: 95 Resp: 244

Ion	Ratio	Lower	Upper
95	100		
174	67.6	0.0	160.0
176	85.7	0.0	151.8



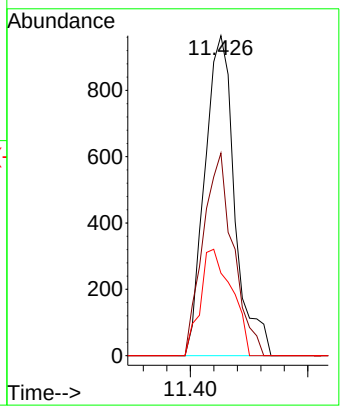


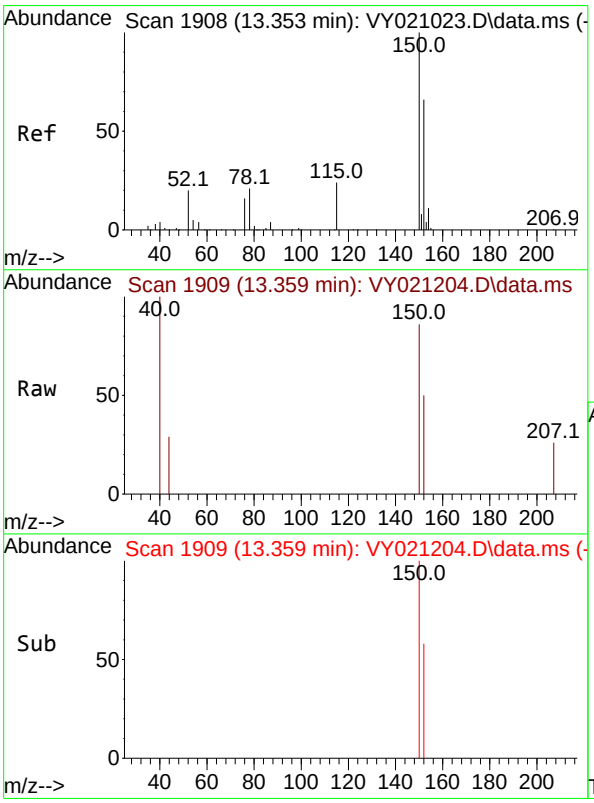
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Instrument :
MSVOA_Y
ClientSampleId :
72-11995

Tgt Ion:117 Resp: 1709

Ion	Ratio	Lower	Upper
117	100		
82	63.3	43.8	65.8
119	25.8	26.5	39.7#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY021204.D
Acq: 14 Feb 2025 12:16

Tgt Ion:152 Resp: 139

Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.0	90.0
150	277.0	0.0	344.6