Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
Data File : VY023907.D
Acq On : 09 Dec 2025 14:43
Operator : SY/MD
Sample : Q3809-02RE
Misc : 2.81g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-2RE

Quant Time: Dec 10 02:28:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration

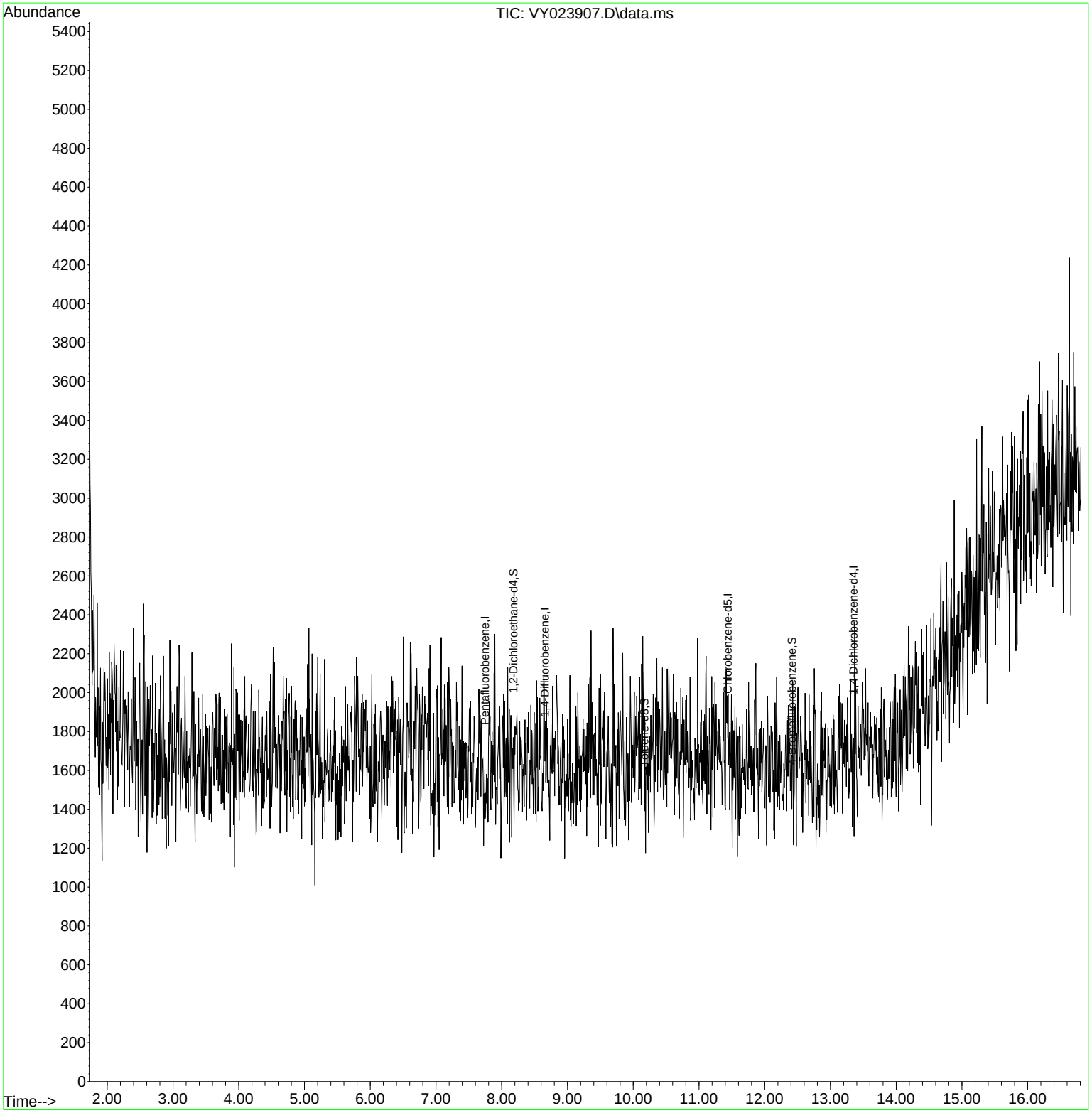
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.744	168	19	50.000	ug/l	# 0.03
34) 1,4-Difluorobenzene	8.658	114	19	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.438	117	293	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	13.352	152	22	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.176	65	42	220.973	ug/l	0.11
Spiked Amount 50.000	Range 50 - 163		Recovery = 441.940%#			
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount 50.000	Range 54 - 147		Recovery = 0.000%#			
50) Toluene-d8	10.170	98	66	139.179	ug/l	0.06
Spiked Amount 50.000	Range 58 - 134		Recovery = 278.360%#			
62) 4-Bromofluorobenzene	12.413	95	69	426.603	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 853.200%#			
Target Compounds						Qvalue

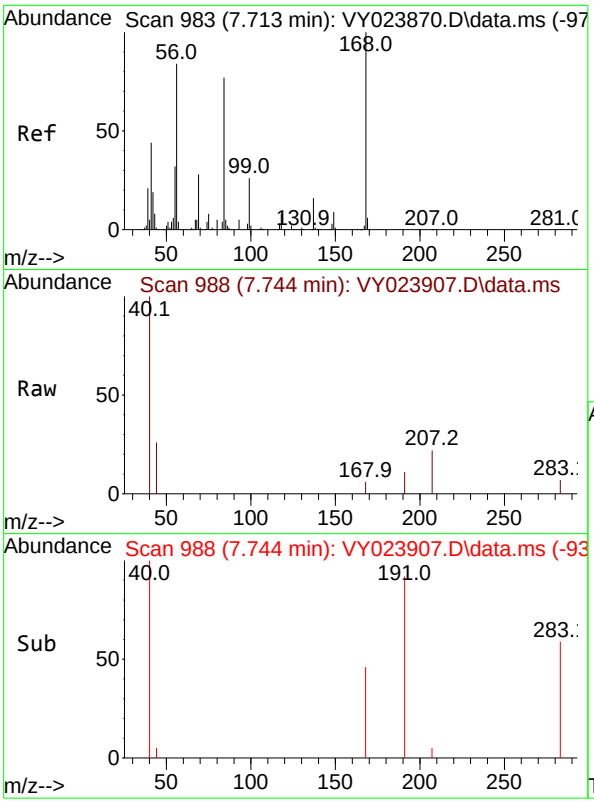
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120925\
Data File : VY023907.D
Acq On : 09 Dec 2025 14:43
Operator : SY/MD
Sample : Q3809-02RE
Misc : 2.81g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SW-2RE

Quant Time: Dec 10 02:28:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 04 03:49:13 2025
Response via : Initial Calibration



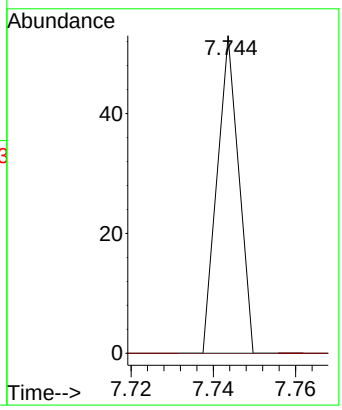


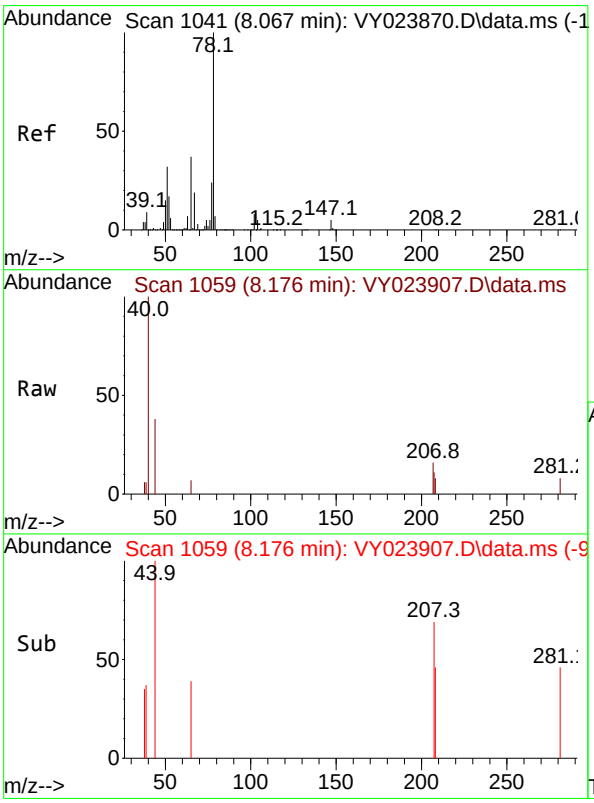
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.744 min Scan# 9
Delta R.T. 0.031 min
Lab File: VY023907.D
Acq: 09 Dec 2025 14:43

Instrument :
MSVOA_Y
ClientSampleId :
SW-2RE

Tgt Ion:168 Resp: 19

Ion	Ratio	Lower	Upper
168	100		
99	0.0	42.5	63.7#

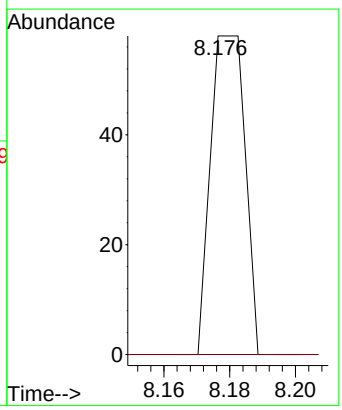


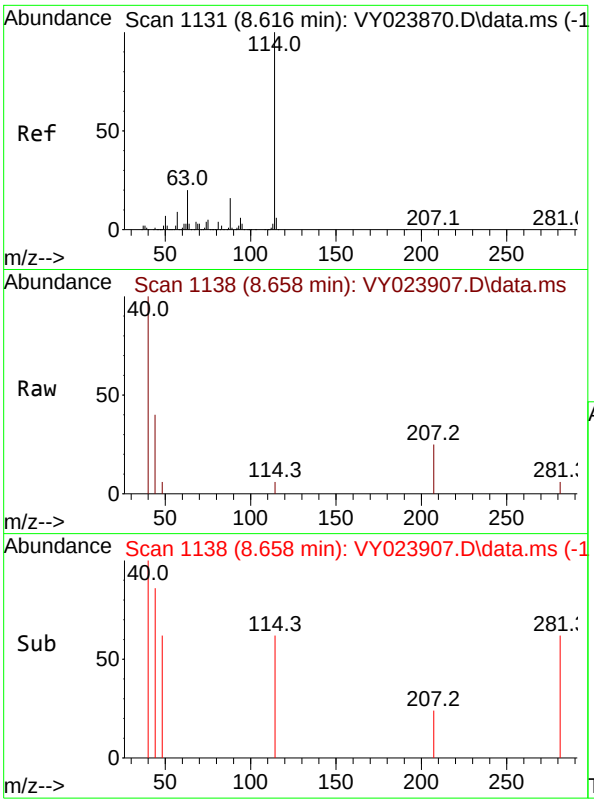


#33
1,2-Dichloroethane-d4
Concen: 220.973 ug/l
RT: 8.176 min Scan# 1059
Delta R.T. 0.109 min
Lab File: VY023907.D
Acq: 09 Dec 2025 14:43

Tgt Ion: 65 Resp: 42

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	107.2



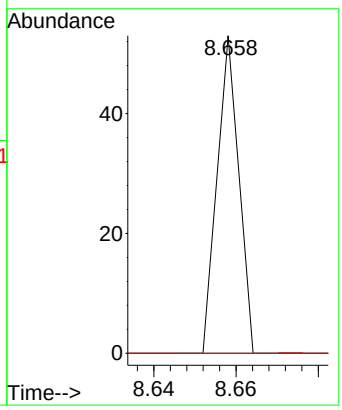


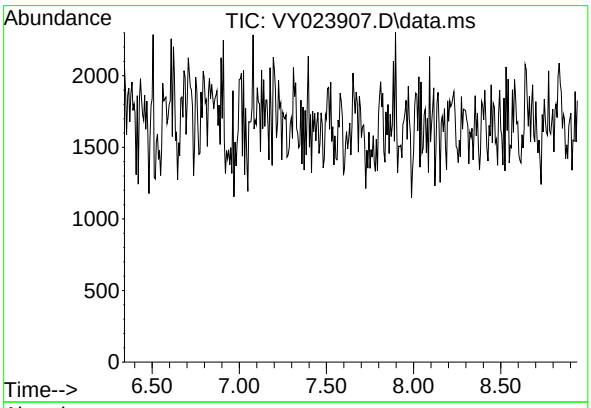
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.658 min Scan# 1
Delta R.T. 0.042 min
Lab File: VY023907.D
Acq: 09 Dec 2025 14:43

Instrument :
MSVOA_Y
ClientSampleId :
SW-2RE

Tgt Ion:114 Resp: 19

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	39.2
88	0.0	0.0	31.4



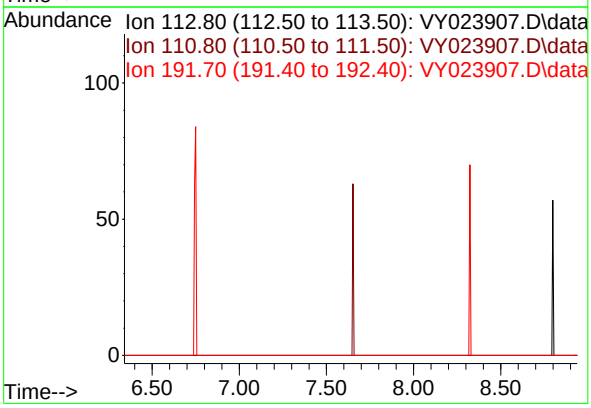


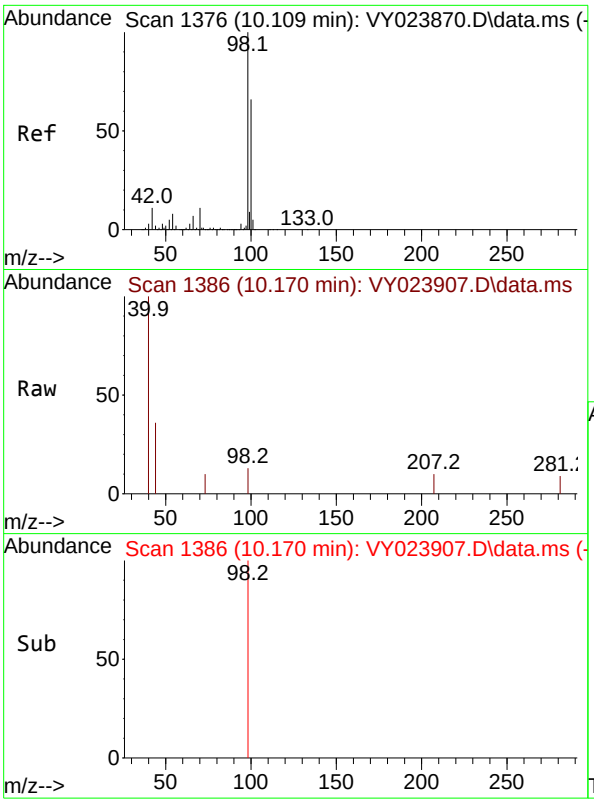
#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.64 min

Lab File: VY023907.D
Acq: 09 Dec 2025 14:43

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	102.7
192	19.8



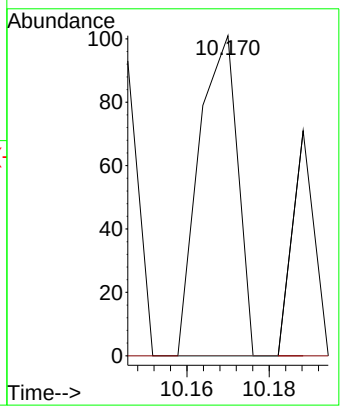


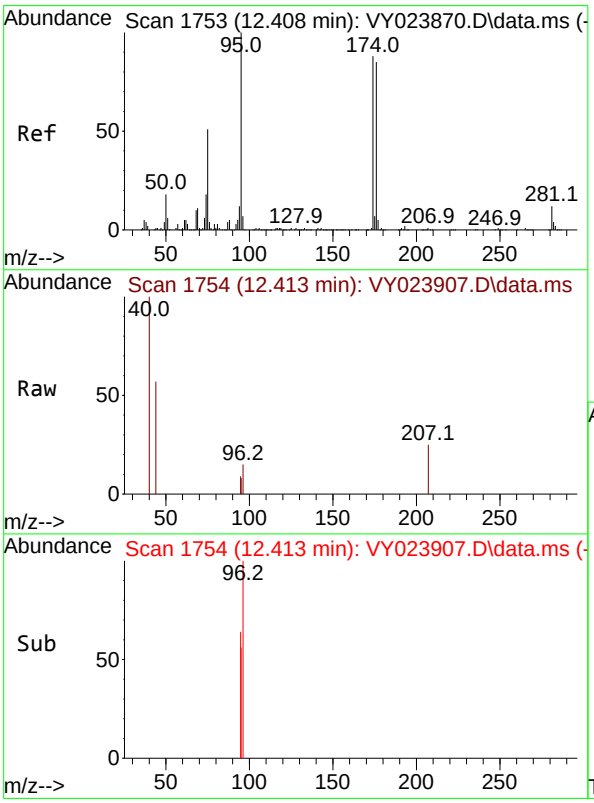
#50
Toluene-d8
Concen: 139.179 ug/l
RT: 10.170 min Scan# 1
Delta R.T. 0.061 min
Lab File: VY023907.D
Acq: 09 Dec 2025 14:43

Instrument :
MSVOA_Y
ClientSampleId :
SW-2RE

Tgt Ion: 98 Resp: 66

Ion	Ratio	Lower	Upper
98	100		
100	0.0	52.5	78.7#

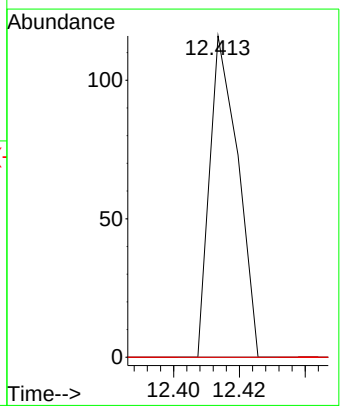


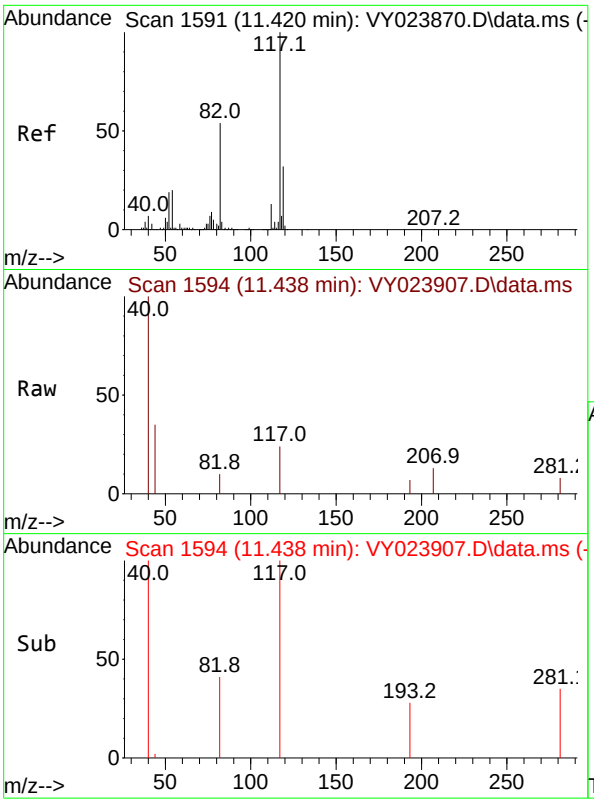


#62
4-Bromofluorobenzene
Concen: 426.603 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY023907.D
Acq: 09 Dec 2025 14:43

Tgt Ion: 95 Resp: 69

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	169.6
176	0.0	0.0	164.4



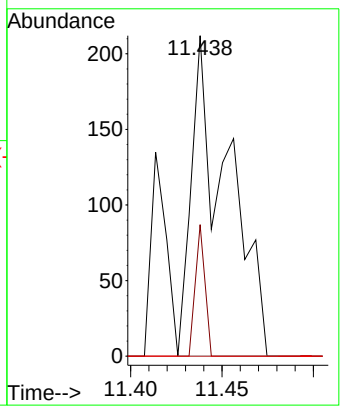


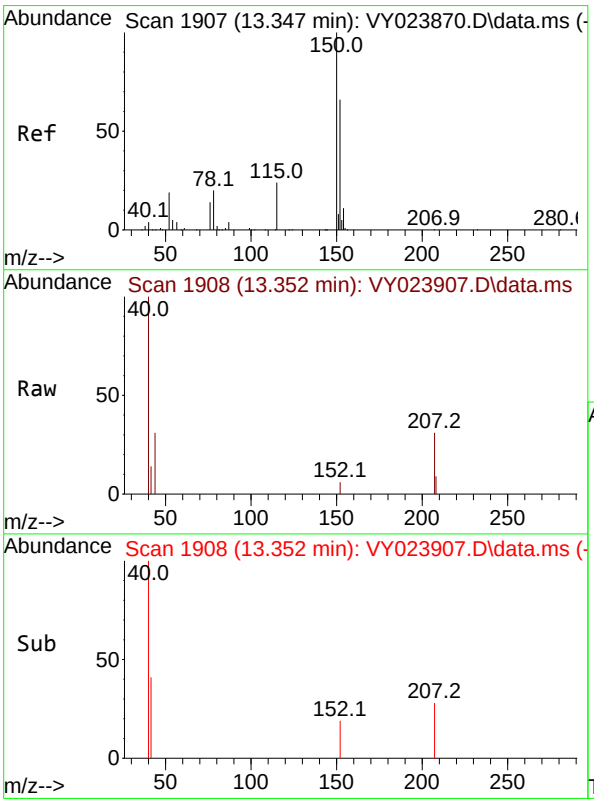
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.438 min Scan# 1
Delta R.T. 0.018 min
Lab File: VY023907.D
Acq: 09 Dec 2025 14:43

Instrument :
MSVOA_Y
ClientSampleId :
SW-2RE

Tgt Ion:117 Resp: 293

Ion	Ratio	Lower	Upper
117	100		
82	41.0	43.1	64.7#
119	0.0	26.0	39.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY023907.D
Acq: 09 Dec 2025 14:43

Tgt Ion:152 Resp: 22

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.8	86.4#
150	272.7	0.0	352.2