Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
Data File : VY021008.D
Acq On : 31 Jan 2025 14:25
Operator : SY/MD
Sample : Q1239-10
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
357

Quant Time: Jan 31 22:25:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	1371	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	1554	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	478	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	190	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	469	40.179	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 80.360%			
35) Dibromofluoromethane	7.640	113	660	70.646	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 141.300%			
50) Toluene-d8	10.115	98	838	22.982	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 45.960%#			
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount 50.000	Range 29 - 146		Recovery = 0.000%#			
Target Compounds						Qvalue

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

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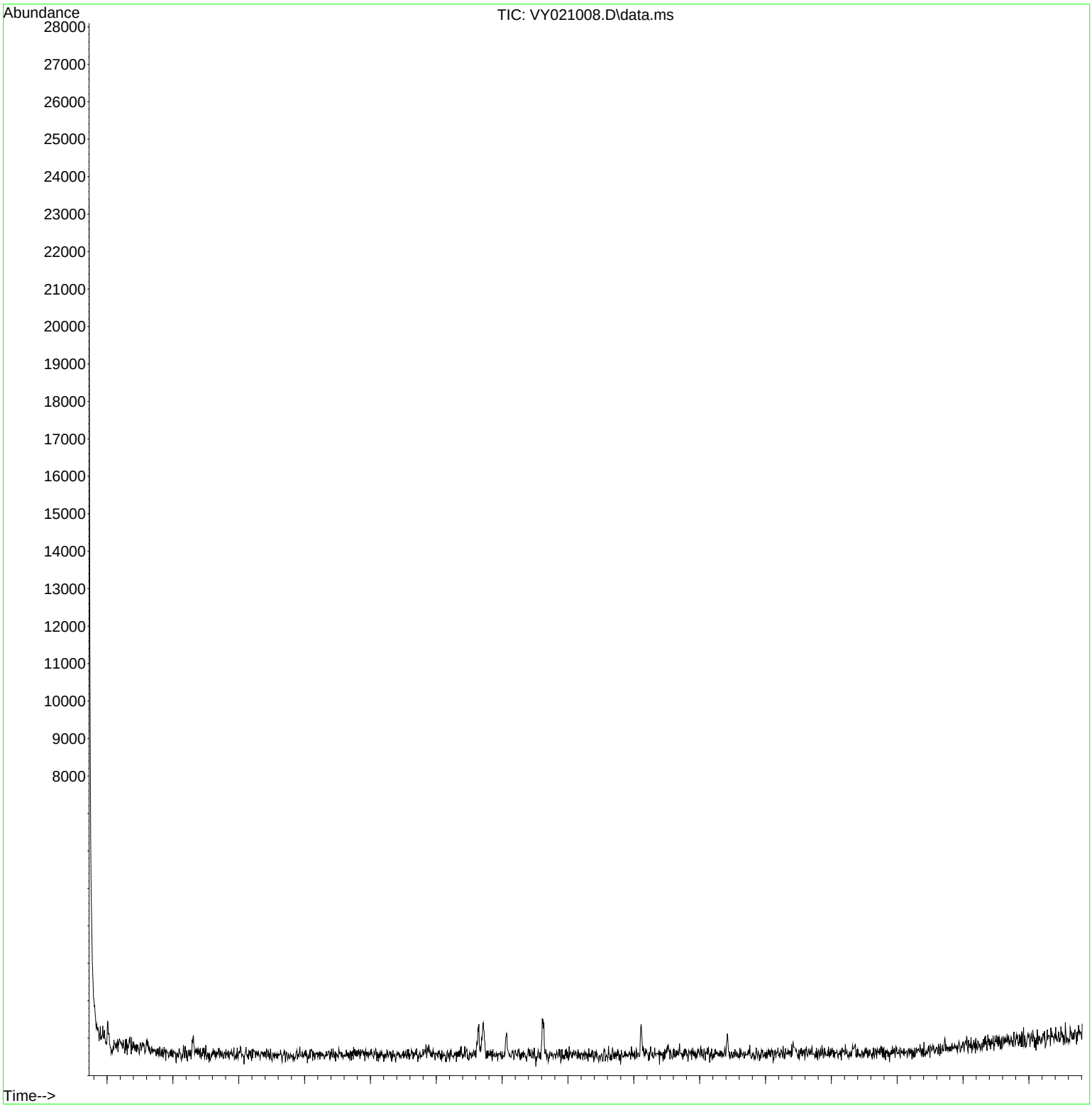
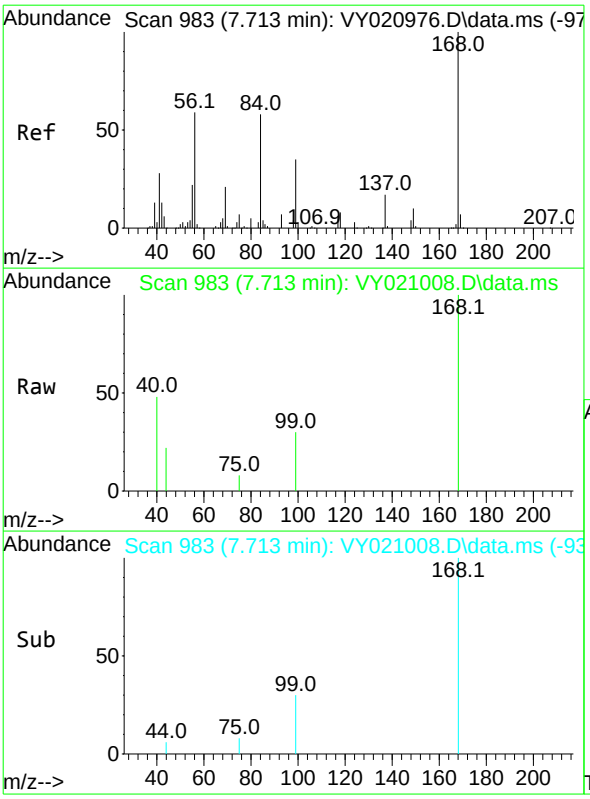


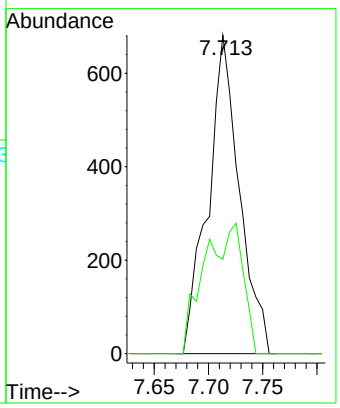


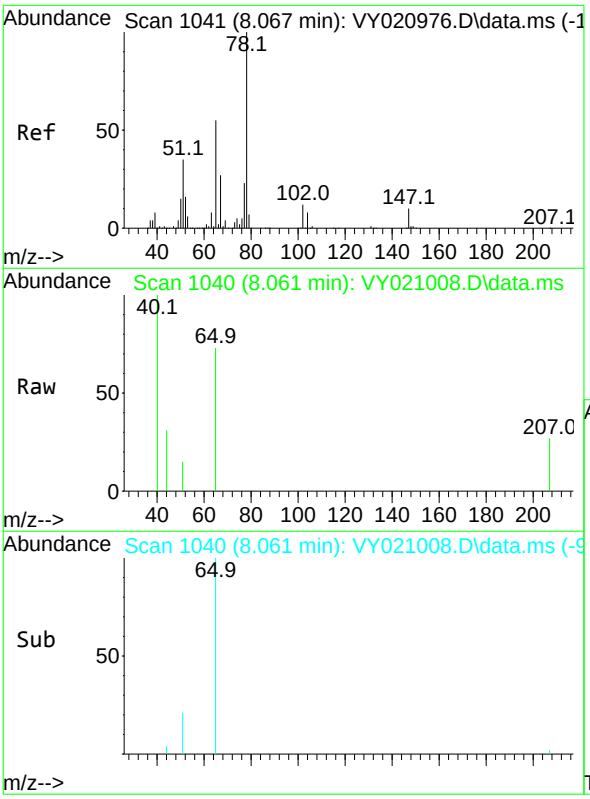
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

Instrument :
MSVOA_Y
ClientSampleId :
357

Tgt Ion:168 Resp: 1371

Ion	Ratio	Lower	Upper
168	100		
99	29.7	42.2	63.2#

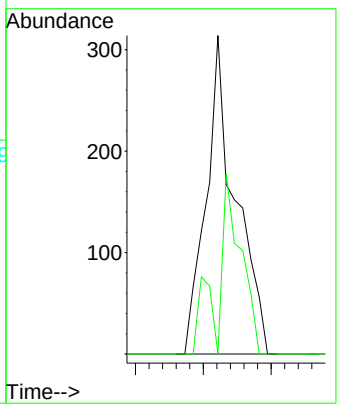


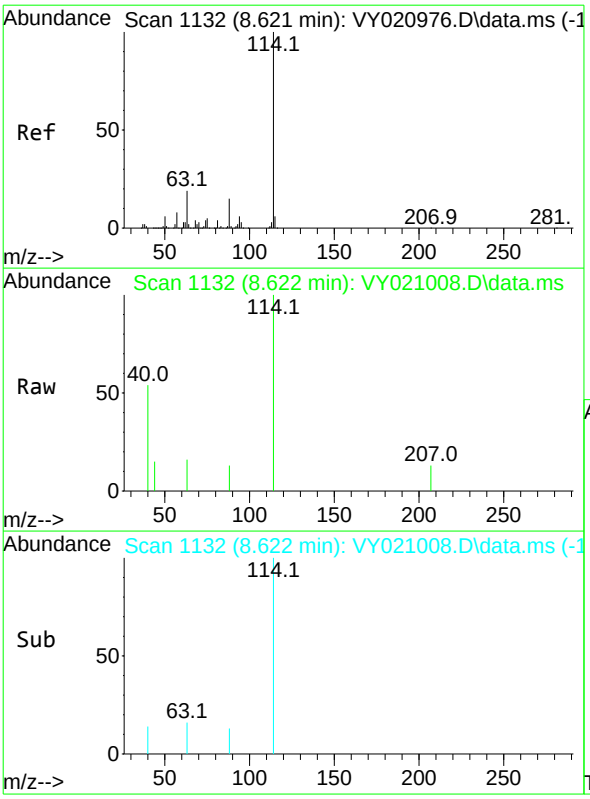


#33
1,2-Dichloroethane-d4
Concen: 40.179 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

Tgt Ion: 65 Resp: 469

Ion	Ratio	Lower	Upper
65	100		
67	46.1	0.0	104.4



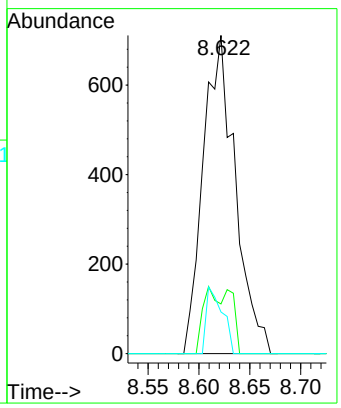


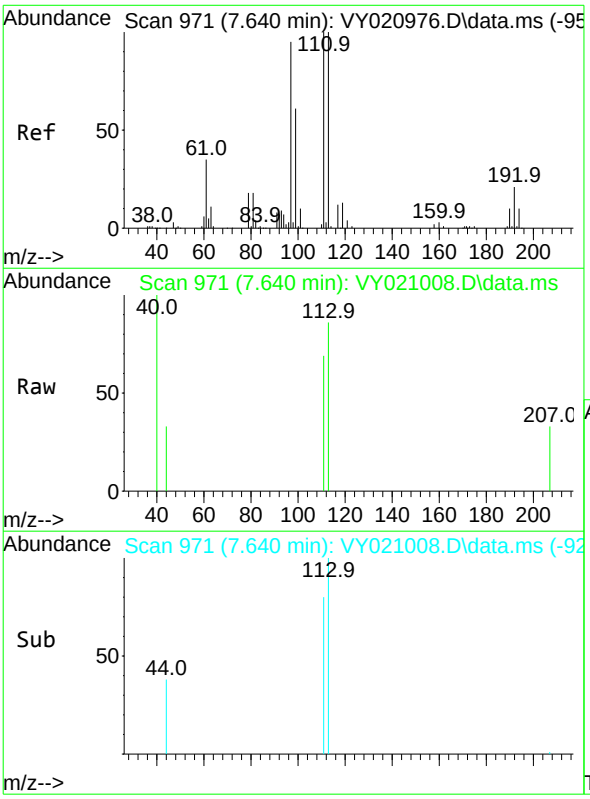
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

Instrument :
MSVOA_Y
ClientSampleId :
357

Tgt Ion:114 Resp: 1554

Ion	Ratio	Lower	Upper
114	100		
63	15.6	0.0	37.2
88	13.1	0.0	29.6

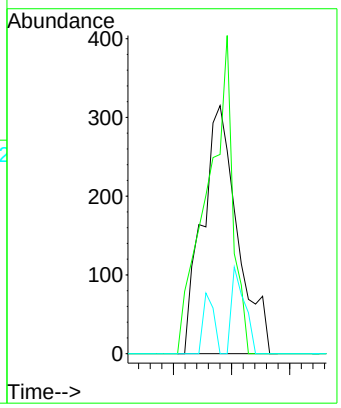


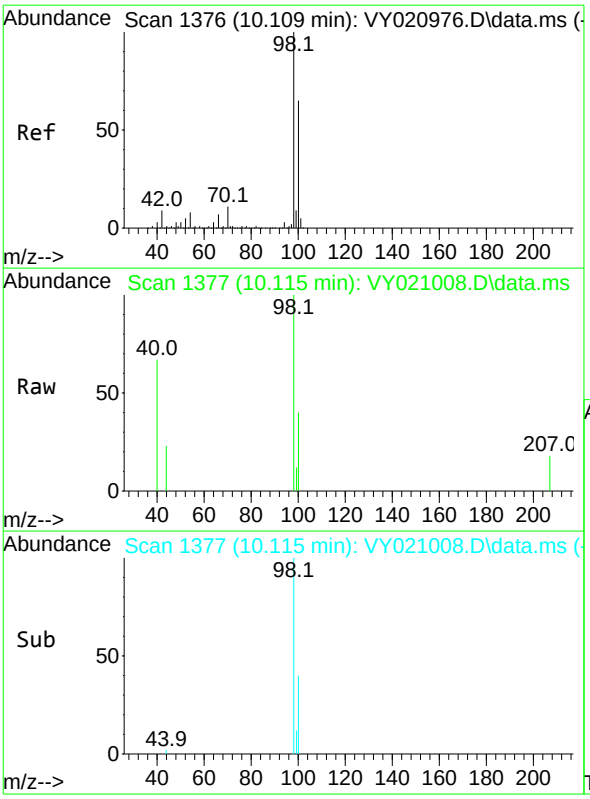


#35
Dibromofluoromethane
Concen: 70.646 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

Tgt Ion:113 Resp: 660

Ion	Ratio	Lower	Upper
113	100		
111	92.9	82.6	123.8
192	13.2	16.8	25.2#



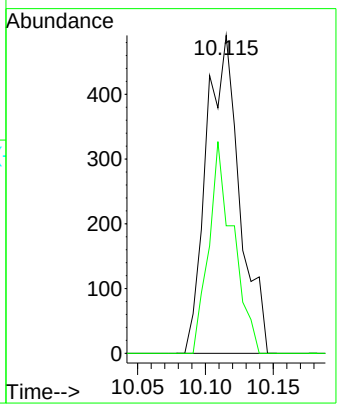


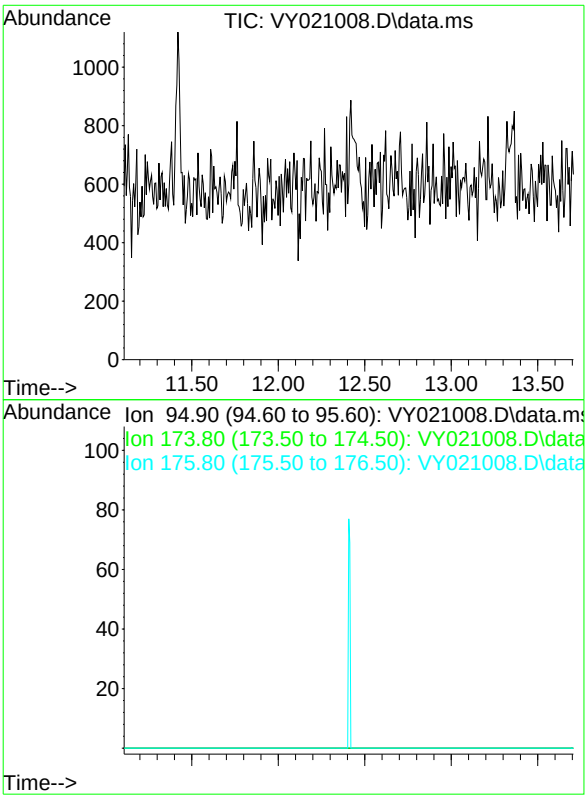
#50
Toluene-d8
Concen: 22.982 ug/l
RT: 10.115 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

Instrument :
MSVOA_Y
ClientSampleId :
357

Tgt Ion: 98 Resp: 838

Ion	Ratio	Lower	Upper
98	100		
100	48.4	52.6	79.0#



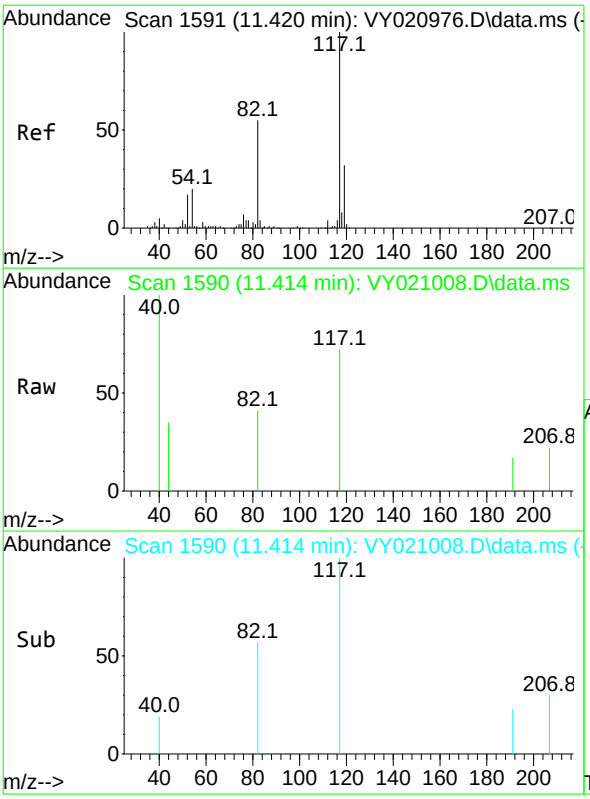


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.41 min

Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	90.6
176	87.6

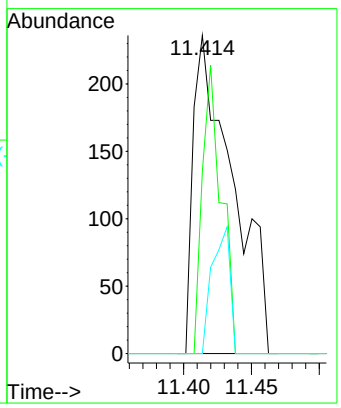


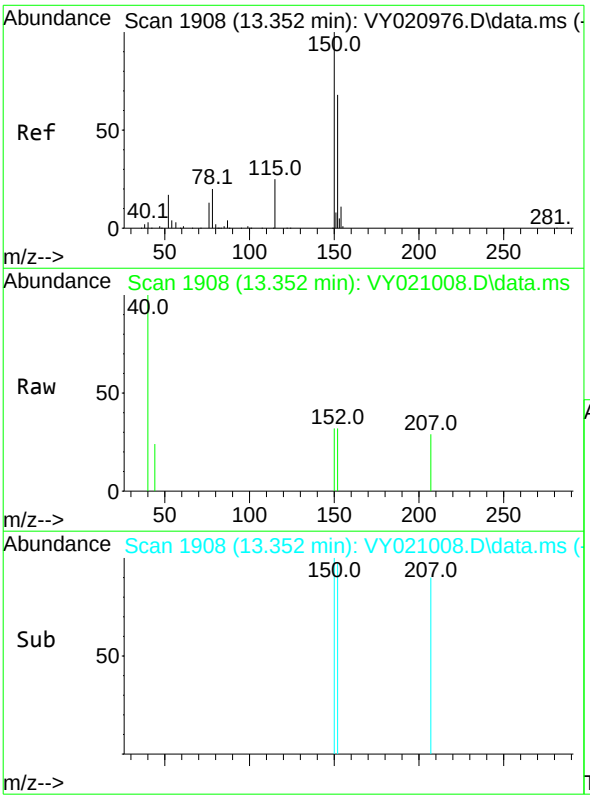
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 15
Delta R.T. -0.006 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

Instrument :
MSVOA_Y
ClientSampleId :
357

Tgt Ion:117 Resp: 478

Ion	Ratio	Lower	Upper
117	100		
82	57.2	44.2	66.2
119	0.0	25.9	38.9#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021008.D
Acq: 31 Jan 2025 14:25

Tgt Ion:152 Resp: 190

Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.4	85.2#
150	79.5	0.0	342.8