Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
Data File : VY020856.D
Acq On : 17 Jan 2025 15:33
Operator : SY/MD
Sample : Q1099-01
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OILY-STONE-COMP

Quant Time: Jan 17 23:27:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 01:31:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	160	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.634	114	211	50.000	ug/l	0.01
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.42
72) 1,4-Dichlorobenzene-d4	13.353	152	33	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	36	26.472	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 52.940%			
35) Dibromofluoromethane	7.628	113	137	103.639	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 207.280%#			
50) Toluene-d8	10.115	98	117	25.390	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 50.780%#			
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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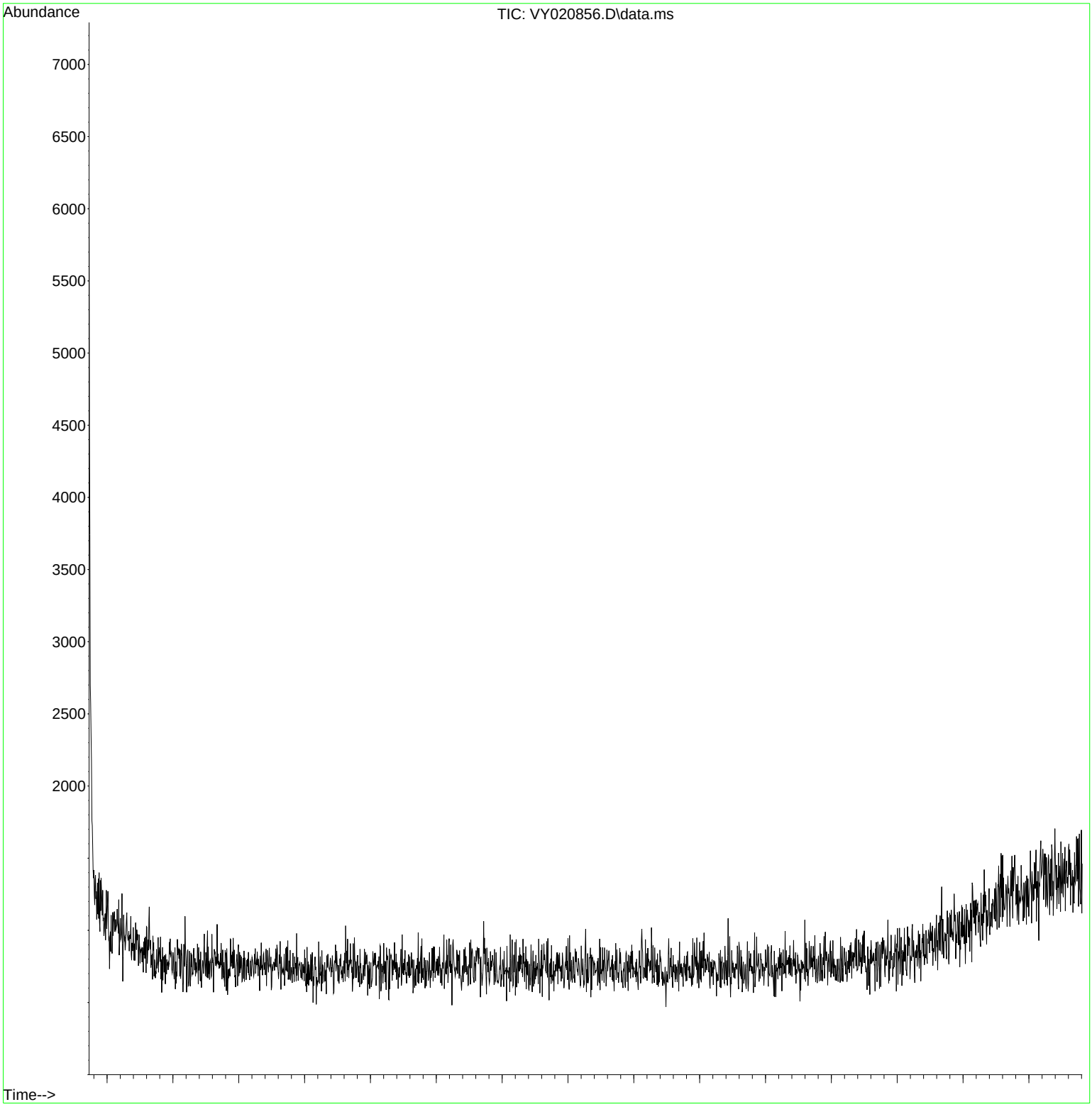
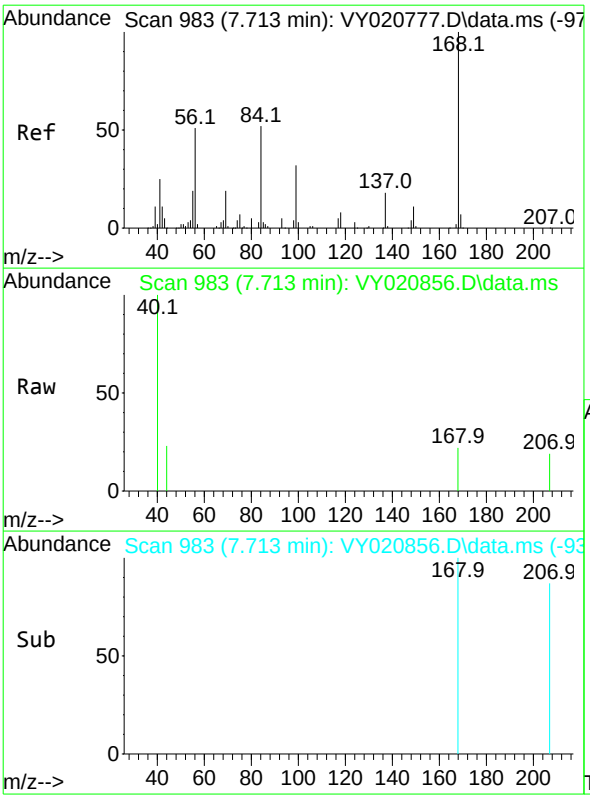


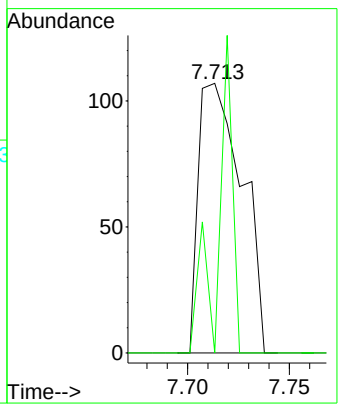


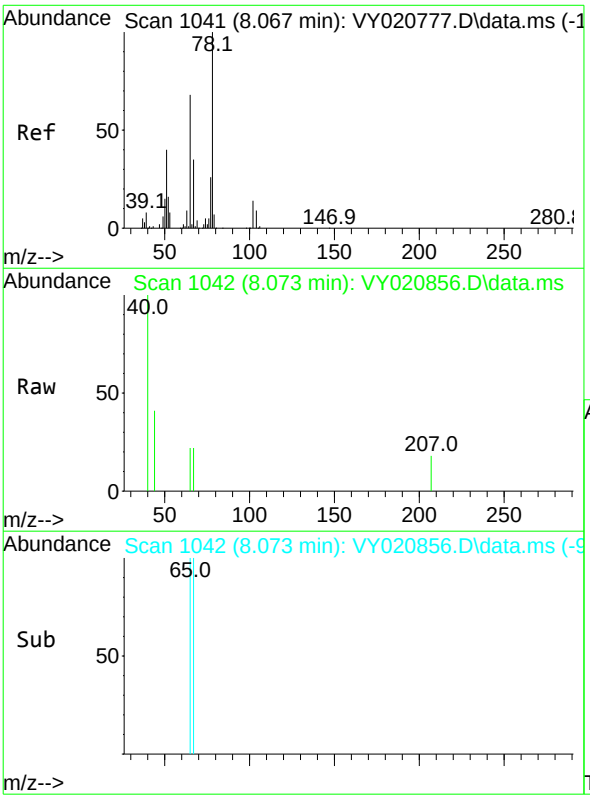
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020856.D
Acq: 17 Jan 2025 15:33

Instrument :
MSVOA_Y
ClientSampleId :
OILY-STONE-COMP

Tgt Ion:168 Resp: 160

Ion	Ratio	Lower	Upper
168	100		
99	0.0	44.3	66.5#

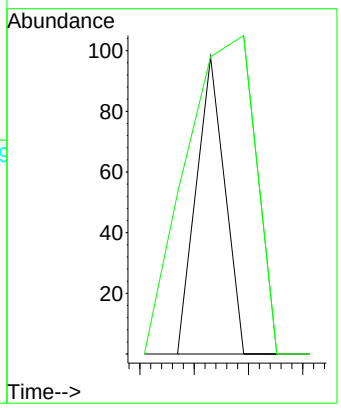


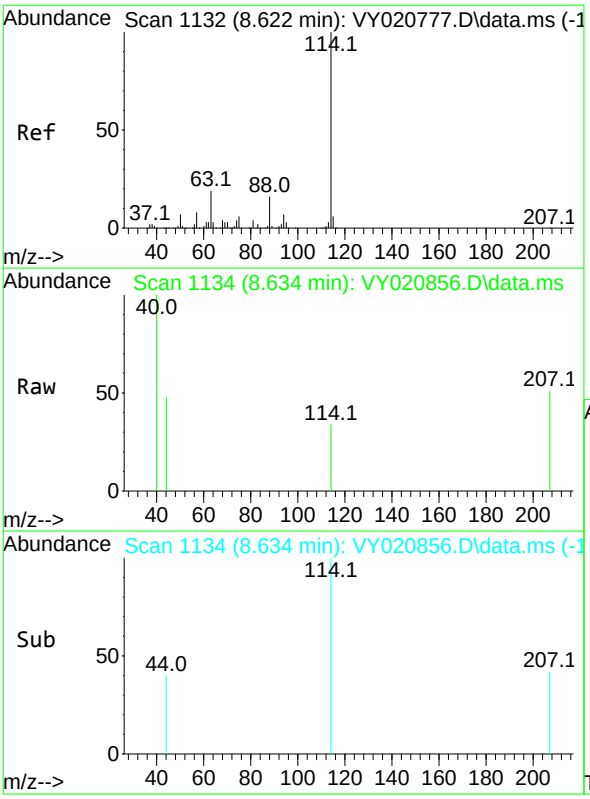


#33
1,2-Dichloroethane-d4
Concen: 26.472 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY020856.D
Acq: 17 Jan 2025 15:33

Tgt Ion: 65 Resp: 36

Ion	Ratio	Lower	Upper
65	100		
67	261.1	0.0	102.8#



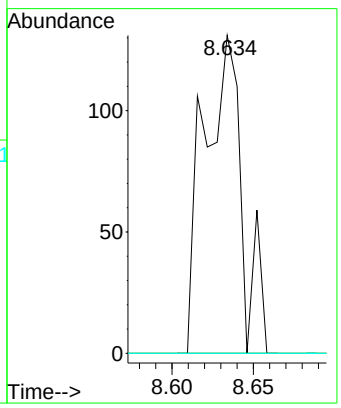


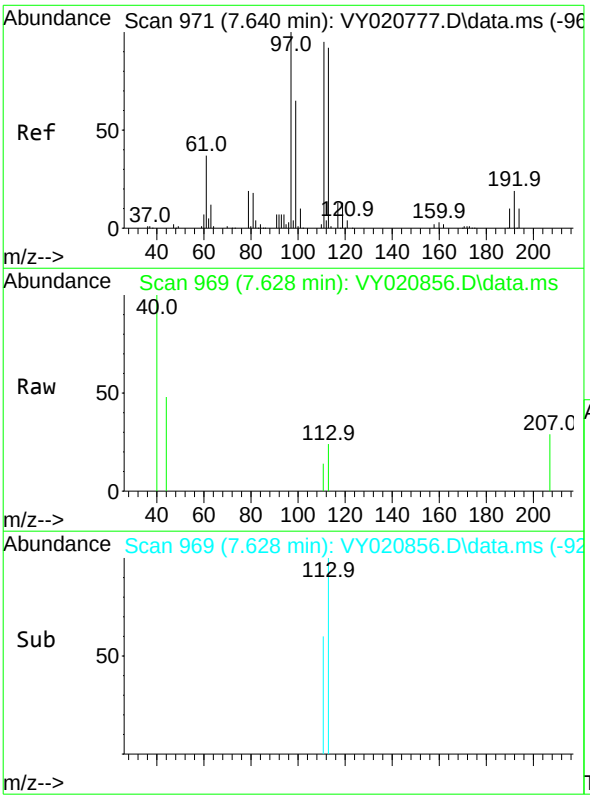
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.634 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY020856.D
Acq: 17 Jan 2025 15:33

Instrument :
MSVOA_Y
ClientSampleId :
OILY-STONE-COMP

Tgt Ion:114 Resp: 211

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	38.4
88	0.0	0.0	31.2

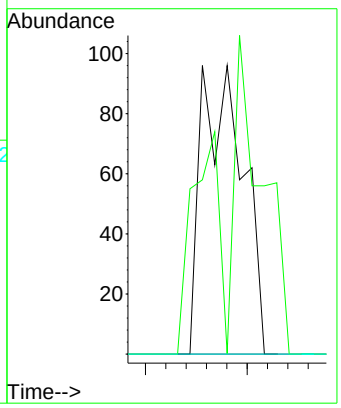


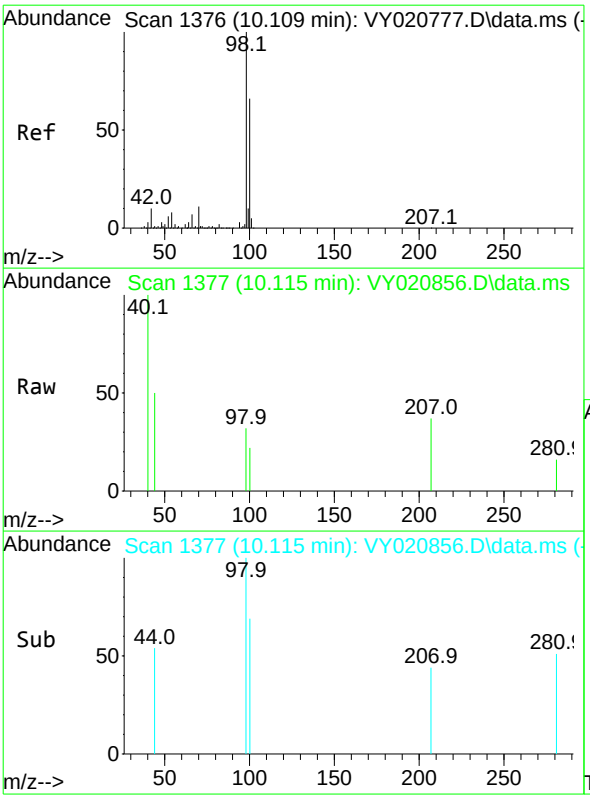


#35
Dibromofluoromethane
Concen: 103.639 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY020856.D
Acq: 17 Jan 2025 15:33

Tgt Ion:113 Resp: 137

Ion	Ratio	Lower	Upper
113	100		
111	49.6	81.7	122.5#
192	0.0	16.7	25.1#



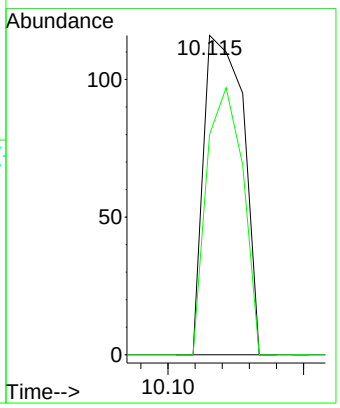


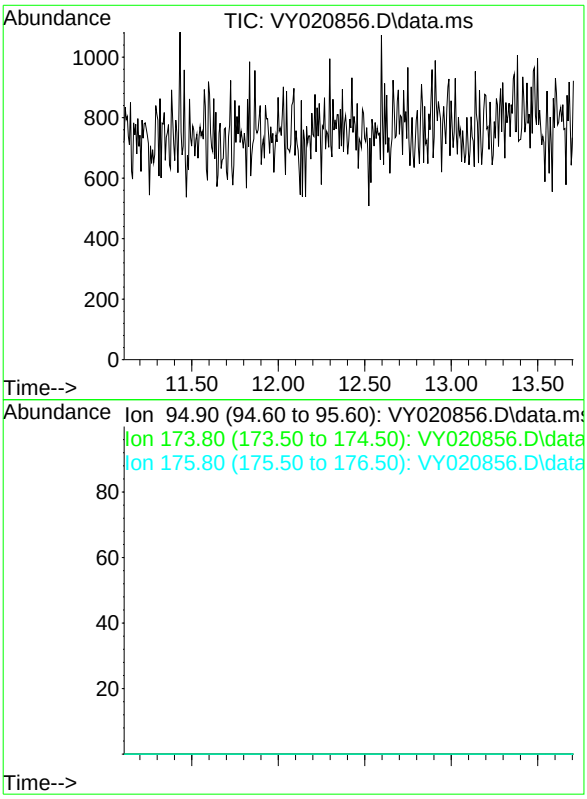
#50
Toluene-d8
Concen: 25.390 ug/l
RT: 10.115 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY020856.D
Acq: 17 Jan 2025 15:33

Instrument :
MSVOA_Y
ClientSampleId :
OILY-STONE-COMP

Tgt Ion: 98 Resp: 117

Ion	Ratio	Lower	Upper
98	100		
100	76.9	52.5	78.7



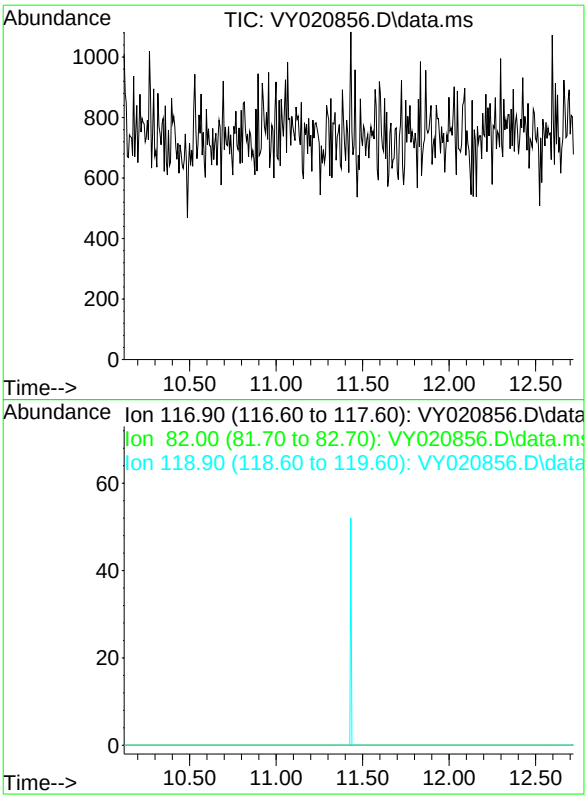


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.41 min

Lab File: VY020856.D
Acq: 17 Jan 2025 15:33

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	89.0
176	86.0



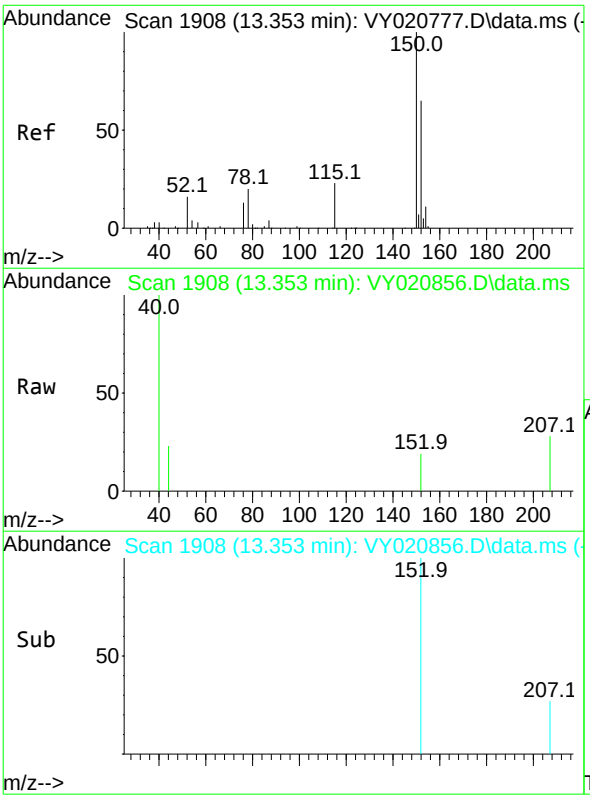
#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.42 min

Lab File: VY020856.D
Acq: 17 Jan 2025 15:33

Instrument :
MSVOA_Y
ClientSampleId :
OILY-STONE-COMP

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	52.2
119	32.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020856.D
Acq: 17 Jan 2025 15:33

Tgt Ion:152 Resp: 33

Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.0	87.0#
150	157.6	0.0	347.4