Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031225\
Data File : VN085960.D
Acq On : 12 Mar 2025 15:19
Operator : JC\MD
Sample : Q1528-03 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
22425

Quant Time: Mar 13 02:18:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.871	168	141807m	50.000	ug/l	-0.35
34) 1,4-Difluorobenzene	8.859	114	262368	50.000	ug/l	-0.24
63) Chlorobenzene-d5	11.812	117	220367m	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.776	152	82887	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.253	65	105521	57.396	ug/l	-0.32
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.800%			
35) Dibromofluoromethane	7.782	113	88935	51.802	ug/l	-0.38
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	10.447	98	292887	46.890	ug/l	-0.11
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.780%			
62) 4-Bromofluorobenzene	12.823	95	91346m	44.386	ug/l	-0.02
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.780%			

Target Compounds Qvalue

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

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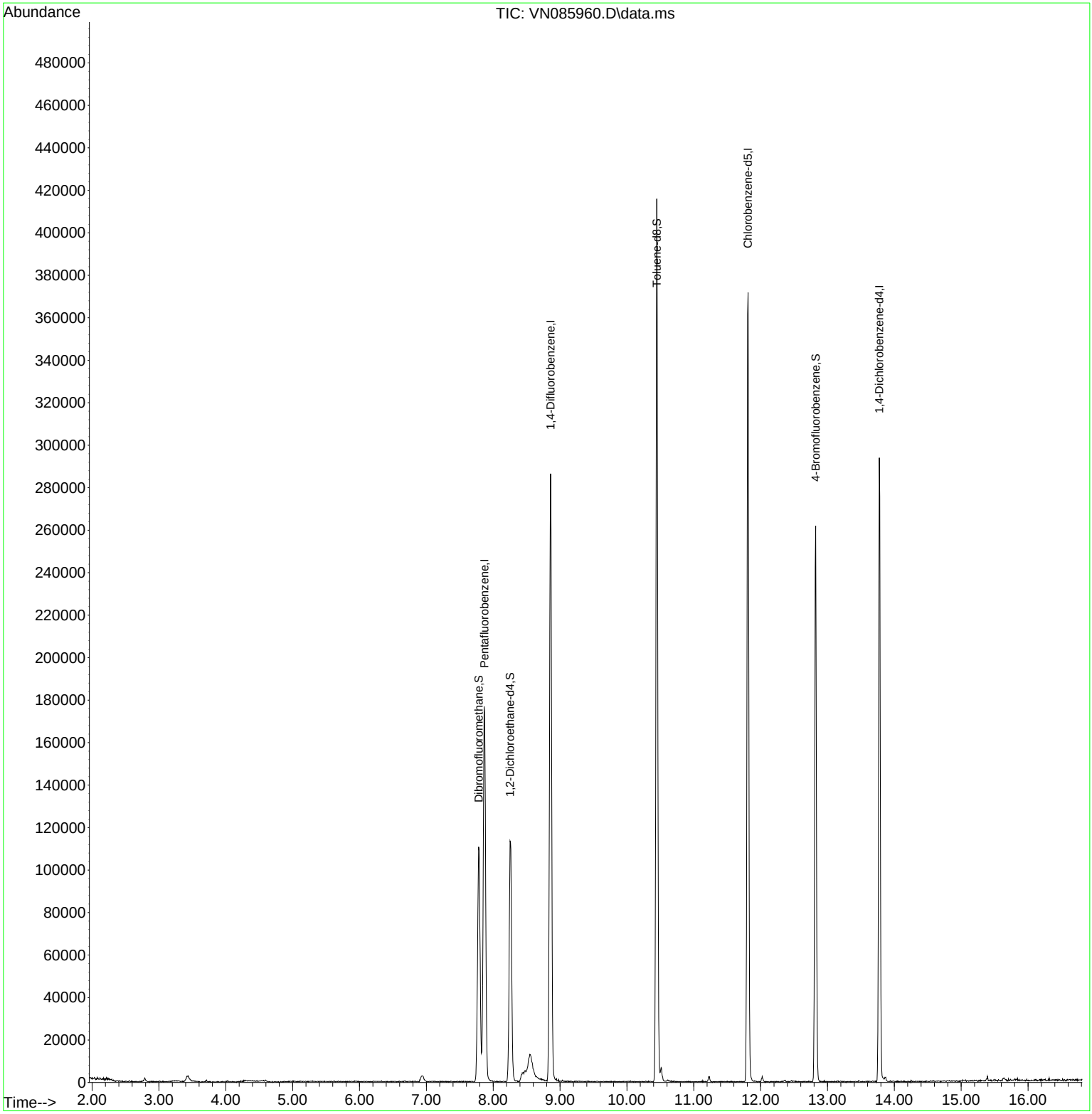
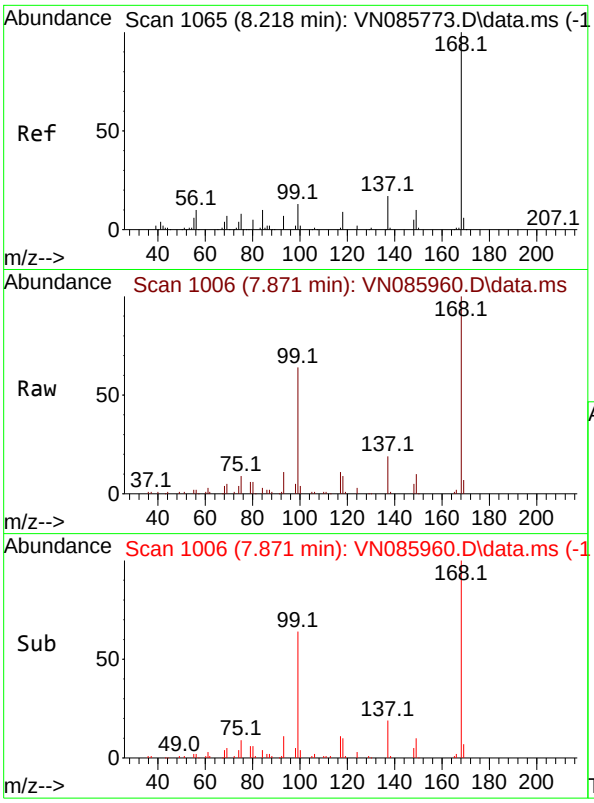


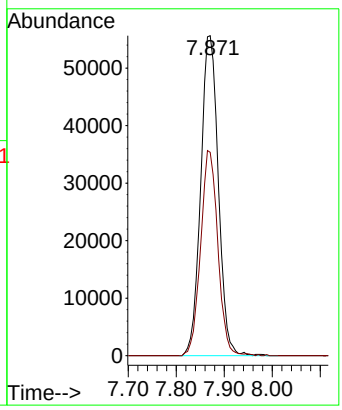


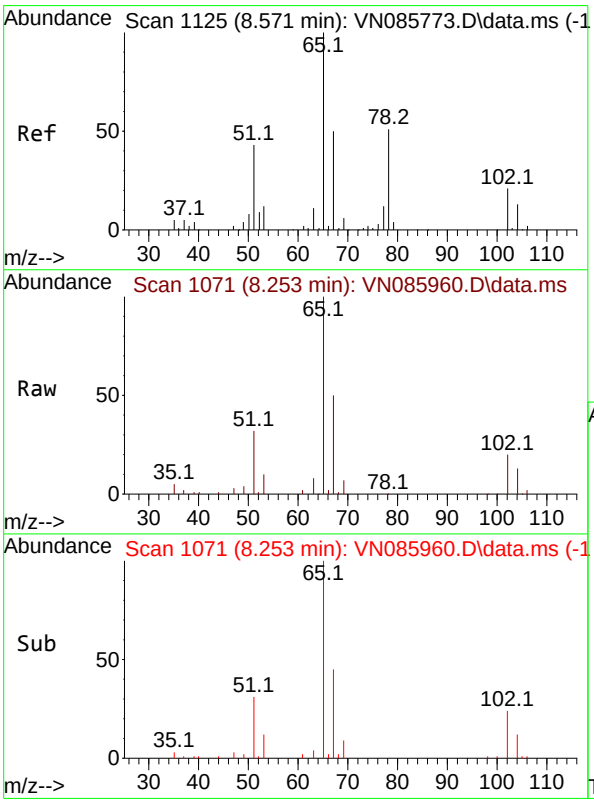
#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 7.871 min Scan# 1
Delta R.T. -0.347 min
Lab File: VN085960.D
Acq: 12 Mar 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion:168 Resp: 141807

Ion	Ratio	Lower	Upper
168	100		
99	63.5	47.9	71.9

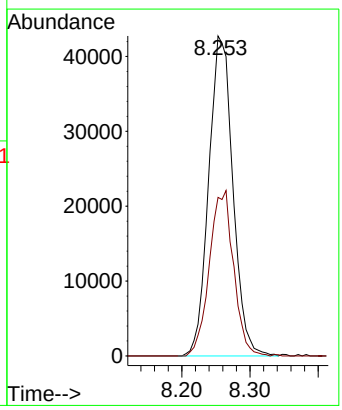


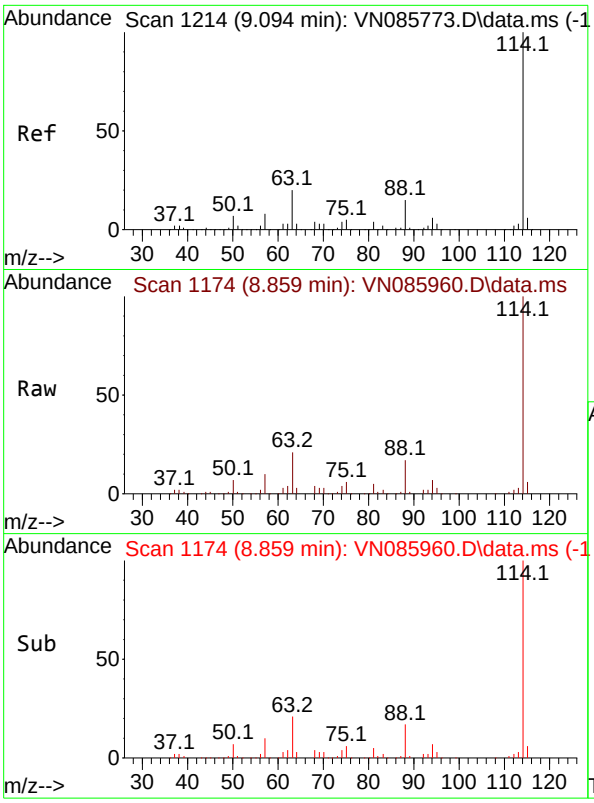


#33
1,2-Dichloroethane-d4
Concen: 57.396 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.318 min
Lab File: VN085960.D
Acq: 12 Mar 2025 15:19

Tgt Ion: 65 Resp: 105521

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.2



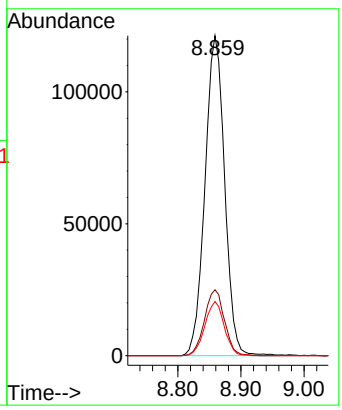


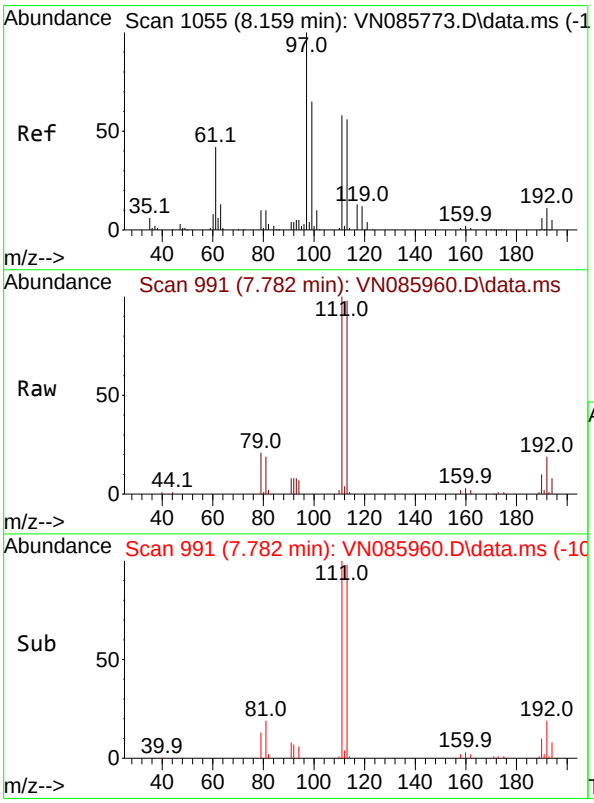
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.859 min Scan# 11
Delta R.T. -0.235 min
Lab File: VN085960.D
Acq: 12 Mar 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion:114 Resp: 262368

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	39.2
88	17.0	0.0	30.0

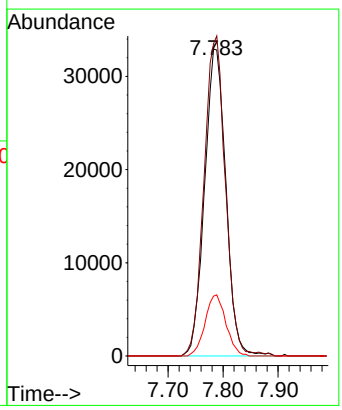


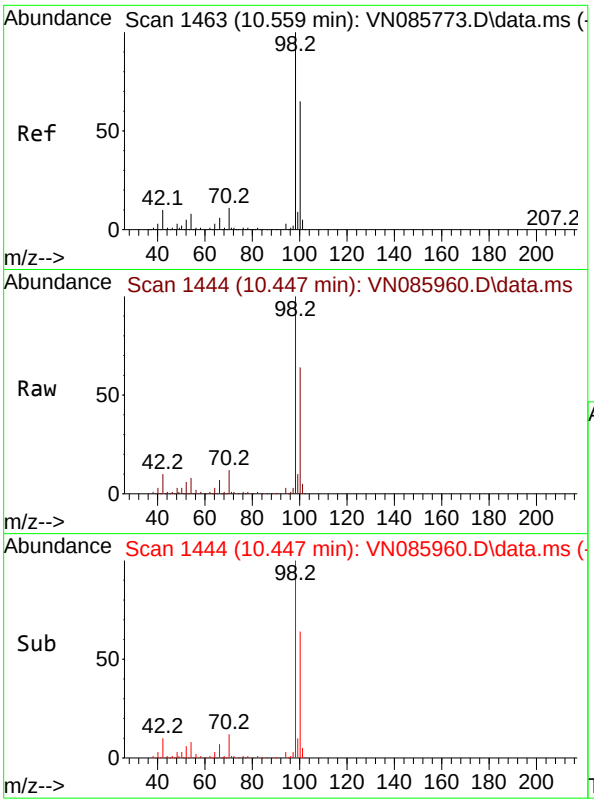


#35
Dibromofluoromethane
Concen: 51.802 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.377 min
Lab File: VN085960.D
Acq: 12 Mar 2025 15:19

Tgt Ion:113 Resp: 88935

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.4
192	19.4	14.7	22.1



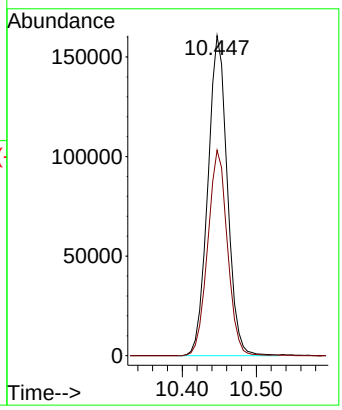


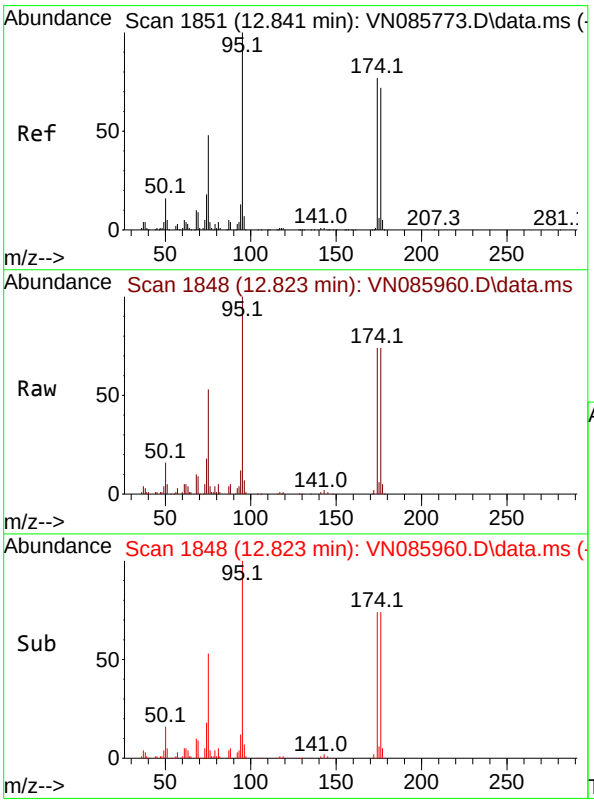
#50
Toluene-d8
Concen: 46.890 ug/l
RT: 10.447 min Scan# 14
Delta R.T. -0.112 min
Lab File: VN085960.D
Acq: 12 Mar 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
22425

Tgt Ion: 98 Resp: 292887

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.1	78.1

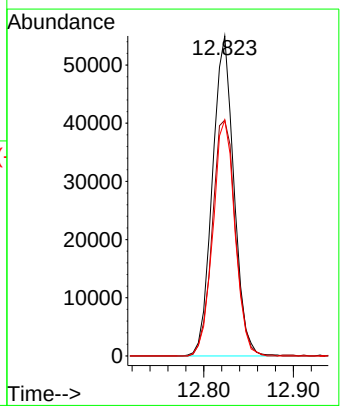


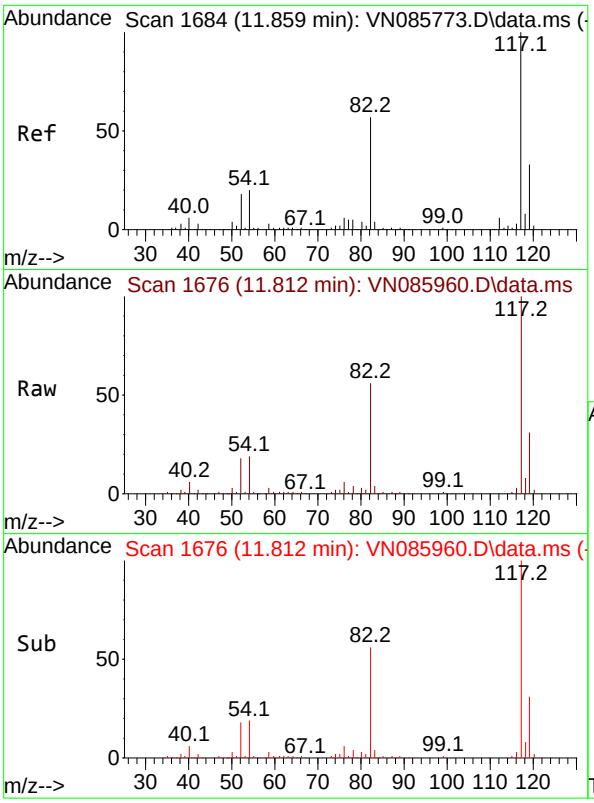


#62
4-Bromofluorobenzene
Concen: 44.386 ug/l m
RT: 12.823 min Scan# 1848
Delta R.T. -0.018 min
Lab File: VN085960.D
Acq: 12 Mar 2025 15:19

Tgt Ion: 95 Resp: 91346

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	152.4
176	0.0	0.0	146.6



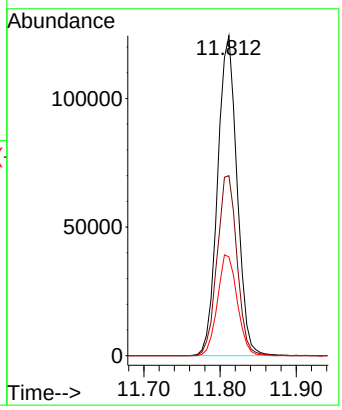


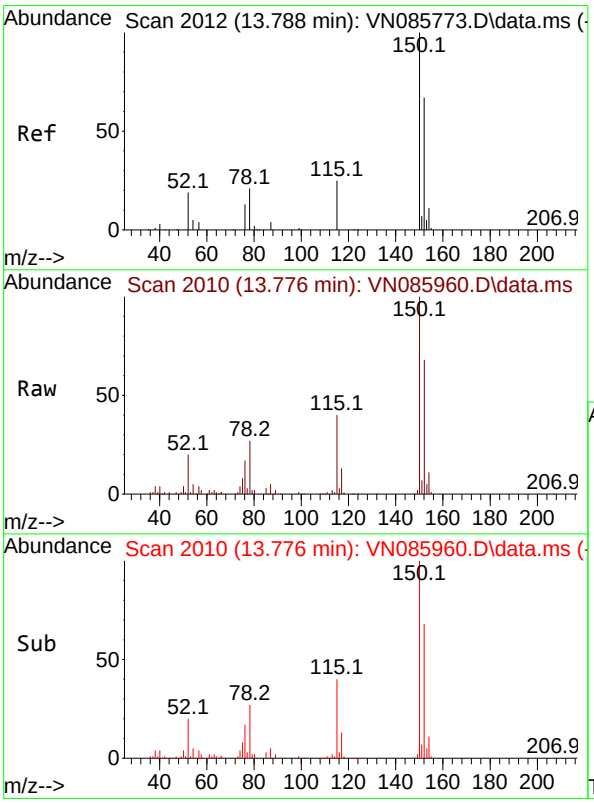
#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 11.812 min Scan# 1
Delta R.T. -0.047 min
Lab File: VN085960.D
Acq: 12 Mar 2025 15:19

Instrument :
MSVOA_N
ClientSampleId :
22425

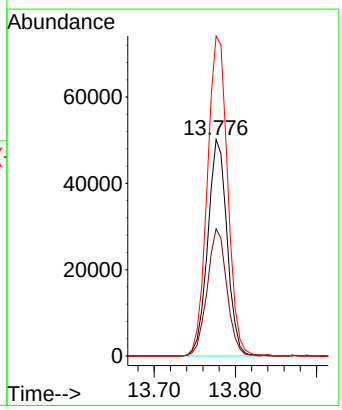
Tgt Ion:117 Resp: 220367

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.7	68.5
119	30.9	26.2	39.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.776 min Scan# 2010
Delta R.T. -0.012 min
Lab File: VN085960.D
Acq: 12 Mar 2025 15:19

Tgt Ion:152 Resp: 82887

Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.4	91.3
150	155.1	0.0	345.4