Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012925\
Data File : VN085569.D
Acq On : 29 Jan 2025 19:54
Operator : JC\MD
Sample : PB166319ZHE#06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#06

Quant Time: Jan 30 00:41:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	162397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	327586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	304197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	107613	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	152396	58.135	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.260%			
35) Dibromofluoromethane	8.165	113	113733	50.044	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.080%			
50) Toluene-d8	10.565	98	419396	51.940	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.880%			
62) 4-Bromofluorobenzene	12.847	95	122872	44.484	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.960%			
Target Compounds						Qvalue
16) Acetone	4.430	43	34662	40.923	ug/l	99
30) Chloroform	7.965	83	6178	1.562	ug/l	94
43) Isopropyl Acetate	8.688	43	235143	45.582	ug/l #	78

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

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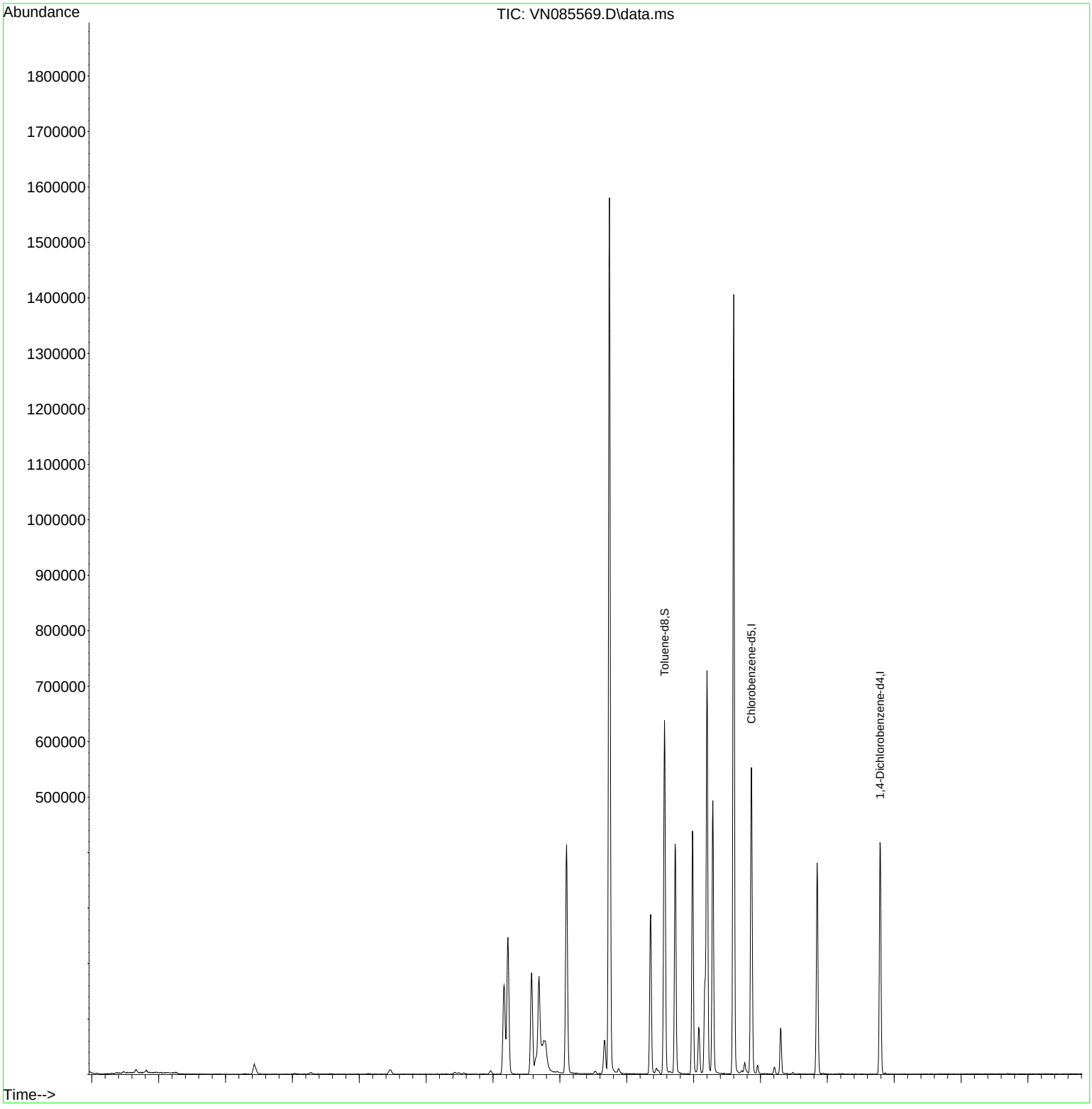
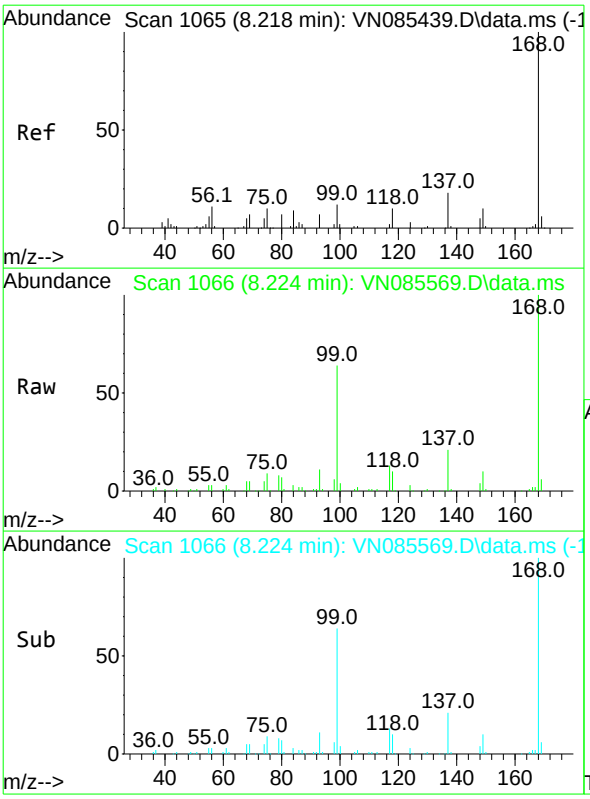


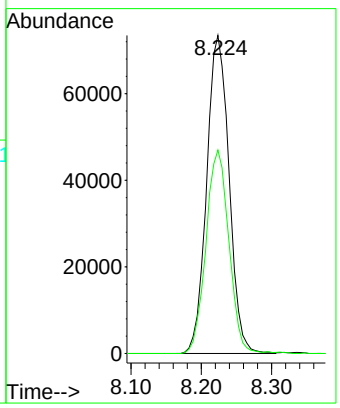


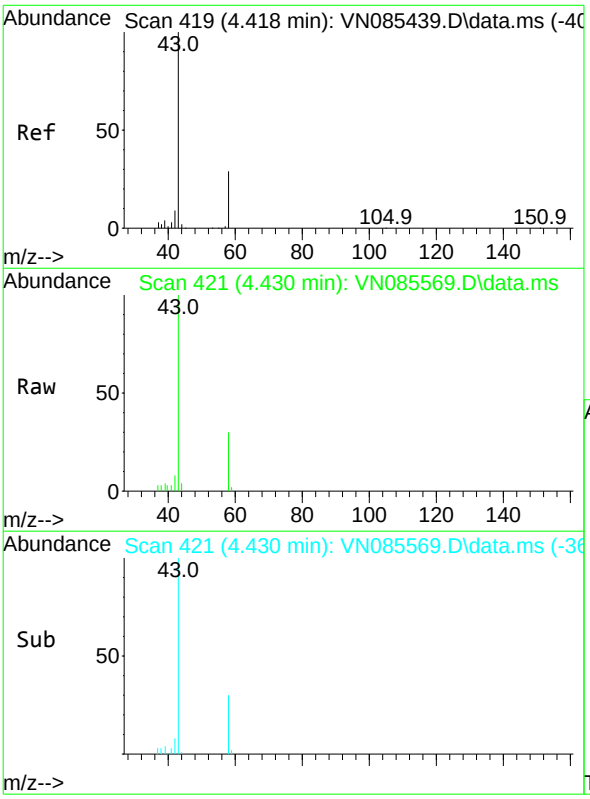
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085569.D
Acq: 29 Jan 2025 19:54

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#06

Tgt Ion:168 Resp: 162397

Ion	Ratio	Lower	Upper
168	100		
99	64.0	53.6	80.4

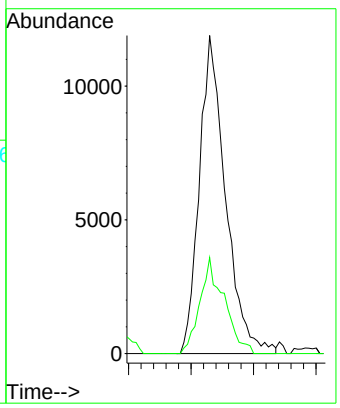


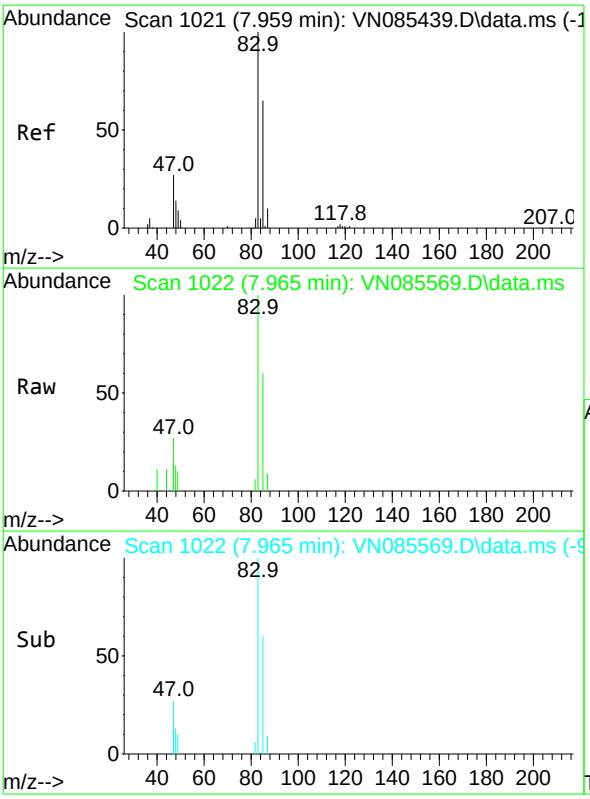


#16
Acetone
Concen: 40.923 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085569.D
Acq: 29 Jan 2025 19:54

Tgt Ion: 43 Resp: 34662

Ion	Ratio	Lower	Upper
43	100		
58	30.2	23.8	35.6



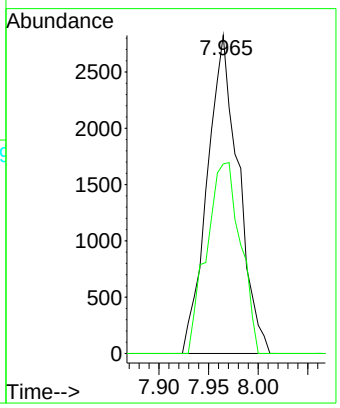


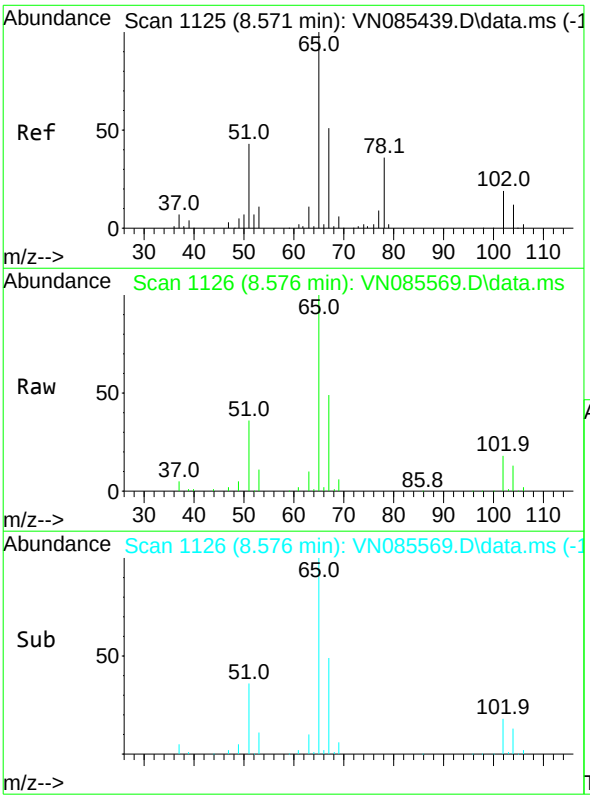
#30
Chloroform
Concen: 1.562 ug/l
RT: 7.965 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085569.D
Acq: 29 Jan 2025 19:54

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#06

Tgt Ion: 83 Resp: 6178

Ion	Ratio	Lower	Upper
83	100		
85	59.6	51.8	77.6

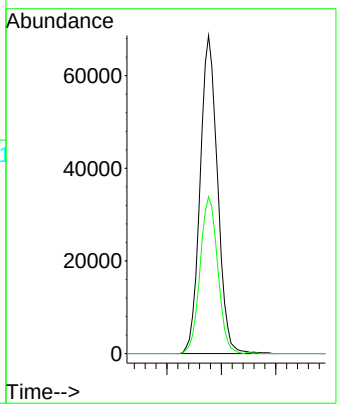


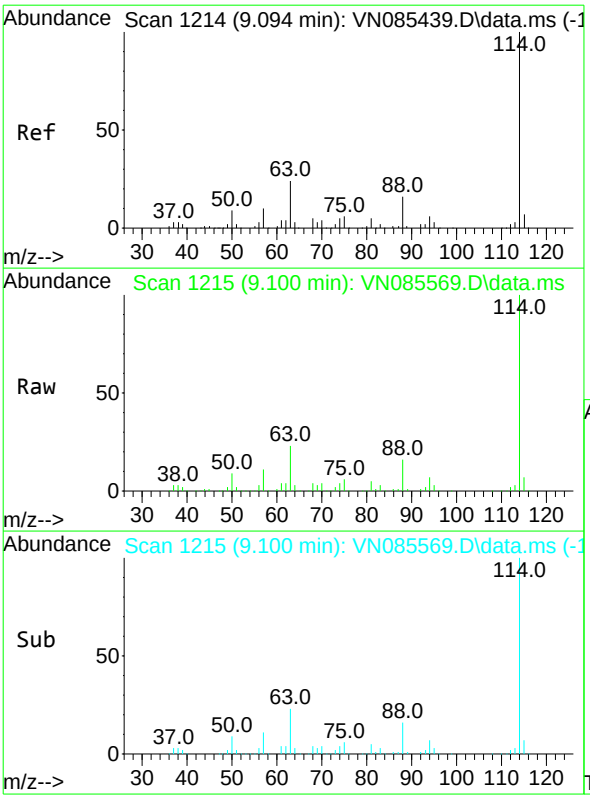


#33
1,2-Dichloroethane-d4
Concen: 58.135 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085569.D
Acq: 29 Jan 2025 19:54

Tgt Ion: 65 Resp: 152396

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.6



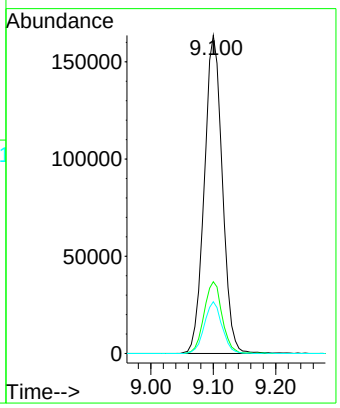


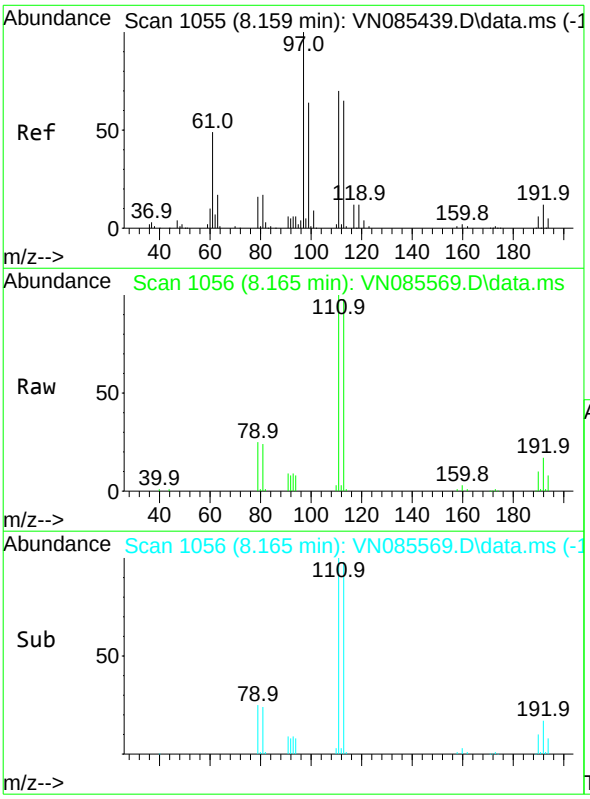
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 12
Delta R.T. 0.006 min
Lab File: VN085569.D
Acq: 29 Jan 2025 19:54

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#06

Tgt Ion:114 Resp: 327586

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	47.6
88	16.3	0.0	32.6

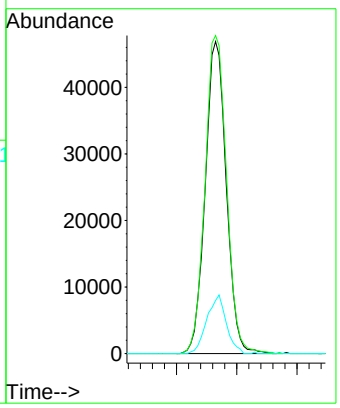


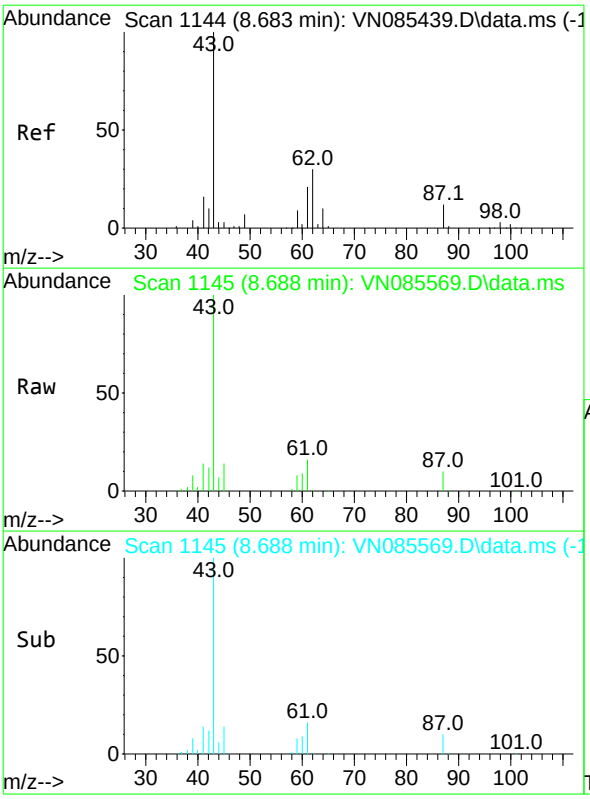


#35
Dibromofluoromethane
Concen: 50.044 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085569.D
Acq: 29 Jan 2025 19:54

Tgt Ion:113 Resp: 113733

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.7	124.1
192	17.4	14.3	21.5



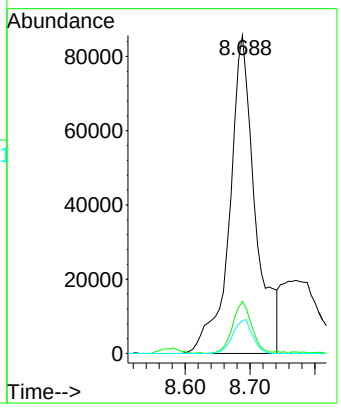


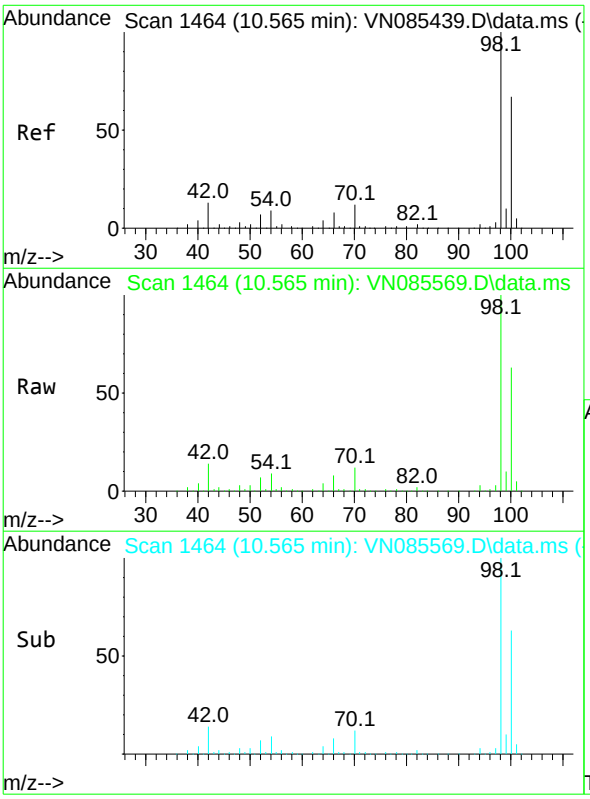
#43
Isopropyl Acetate
Concen: 45.582 ug/l
RT: 8.688 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085569.D
Acq: 29 Jan 2025 19:54

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#06

Tgt Ion: 43 Resp: 235143

Ion	Ratio	Lower	Upper
43	100		
61	12.2	20.7	31.1#
87	8.2	9.8	14.8#

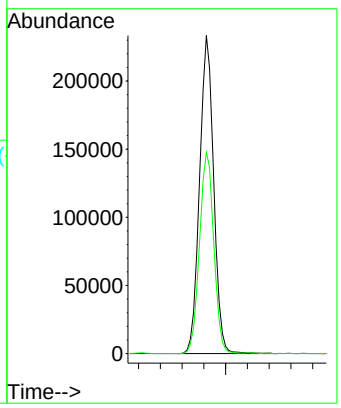


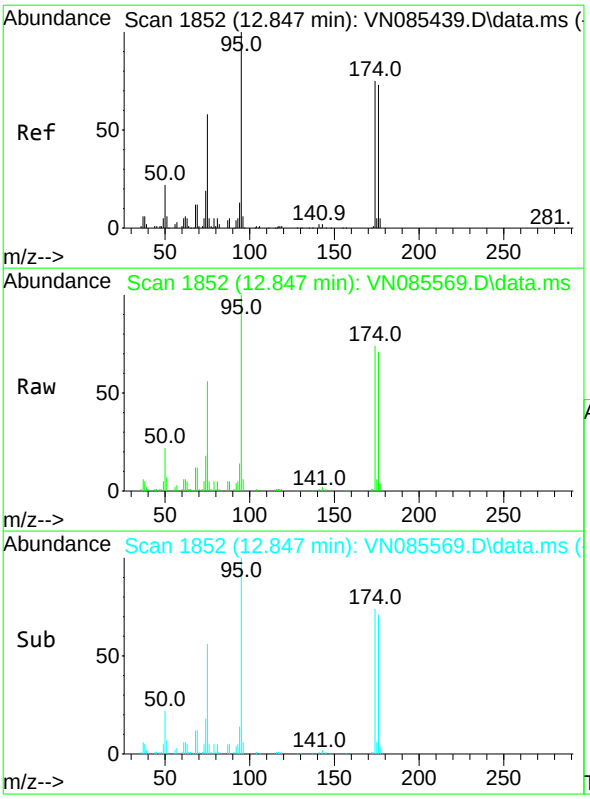


#50
Toluene-d8
Concen: 51.940 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085569.D
Acq: 29 Jan 2025 19:54

Tgt Ion: 98 Resp: 419396

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.4



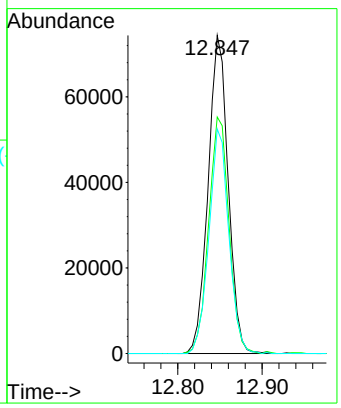


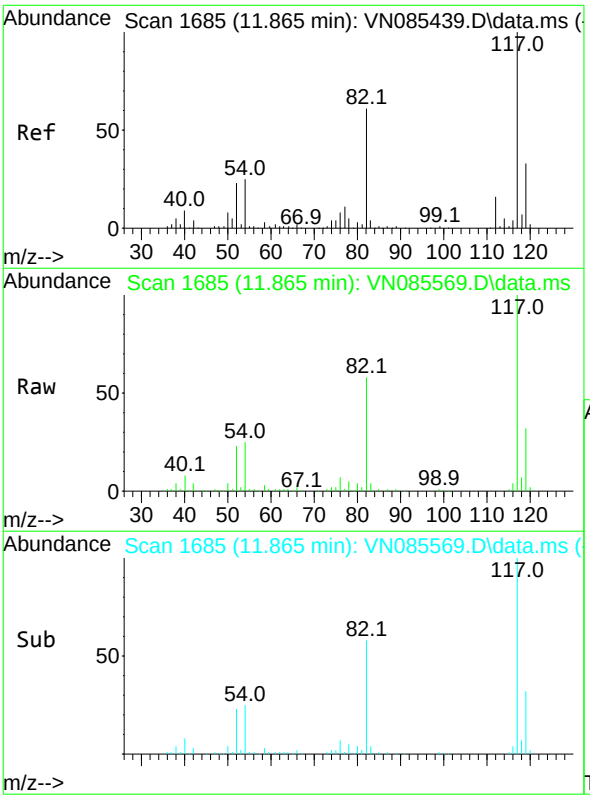
#62
4-Bromofluorobenzene
Concen: 44.484 ug/l
RT: 12.847 min Scan# 18
Delta R.T. -0.000 min
Lab File: VN085569.D
Acq: 29 Jan 2025 19:54

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#06

Tgt Ion: 95 Resp: 122872

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	145.0
176	69.8	0.0	142.4

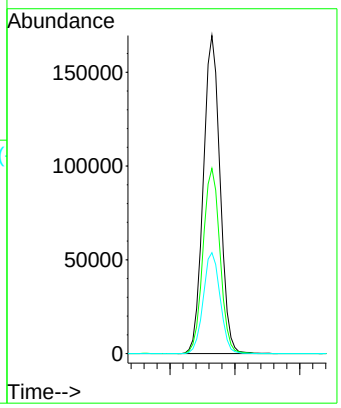


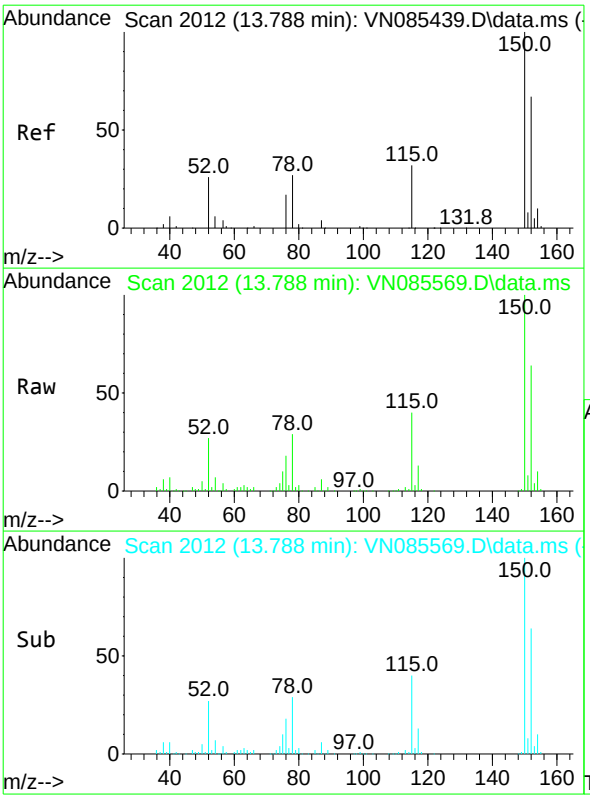


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085569.D
Acq: 29 Jan 2025 19:54

Tgt Ion:117 Resp: 304197

Ion	Ratio	Lower	Upper
117	100		
82	58.2	48.6	72.8
119	31.7	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN085569.D
Acq: 29 Jan 2025 19:54

Instrument :
MSVOA_N
ClientSampleId :
PB166319ZHE#06

Tgt Ion:152 Resp: 107613

Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.1	93.3
150	161.0	0.0	343.6