Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
Data File : VN085457.D
Acq On : 15 Jan 2025 13:25
Operator : JC\MD
Sample : PB166029ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#01

Quant Time: Jan 16 00:57:35 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	8.218	168	192770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	368463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	331245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	166230	53.421	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.840%			
35) Dibromofluoromethane	8.165	113	125571	49.124	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.240%			
50) Toluene-d8	10.565	98	461293	50.791	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.580%			
62) 4-Bromofluorobenzene	12.847	95	143372	46.148	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.300%			
Target Compounds						Qvalue
16) Acetone	4.430	43	46708	46.456	ug/l	100
20) Methylene Chloride	5.277	84	3997	1.606	ug/l	88
30) Chloroform	7.965	83	64986	13.839	ug/l	97
43) Isopropyl Acetate	8.682	43	178956	30.842	ug/l #	82

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

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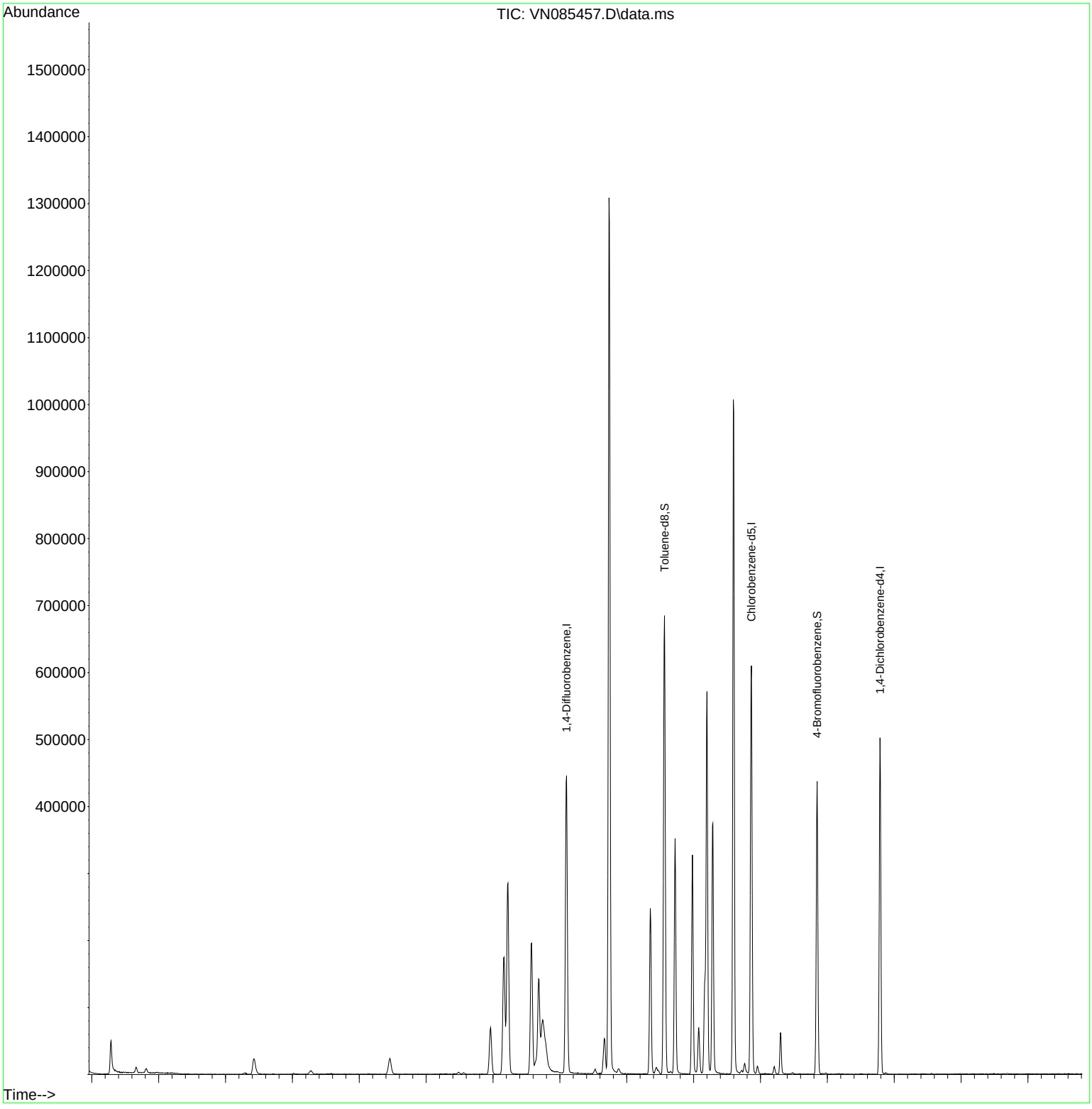
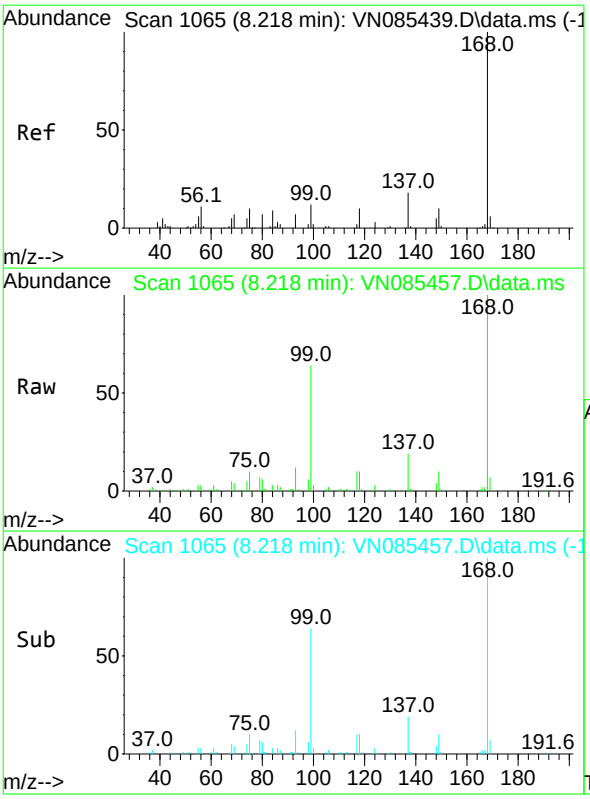


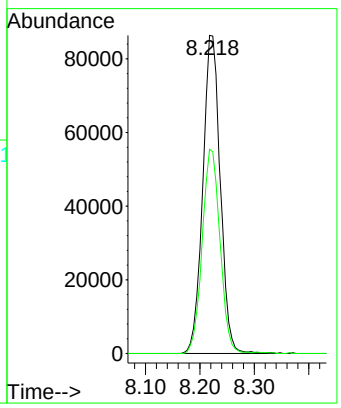


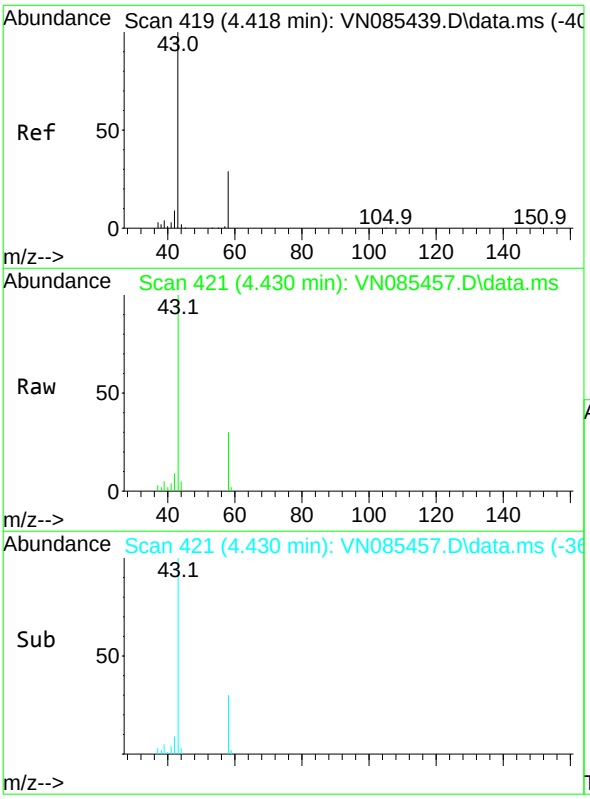
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#01

Tgt Ion:168 Resp: 192770

Ion	Ratio	Lower	Upper
168	100		
99	64.2	53.6	80.4

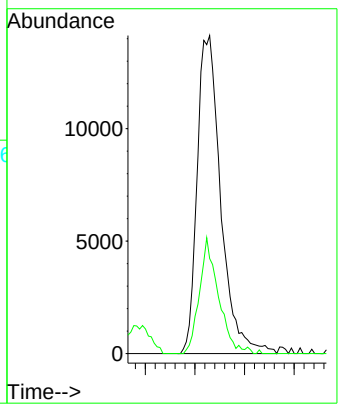


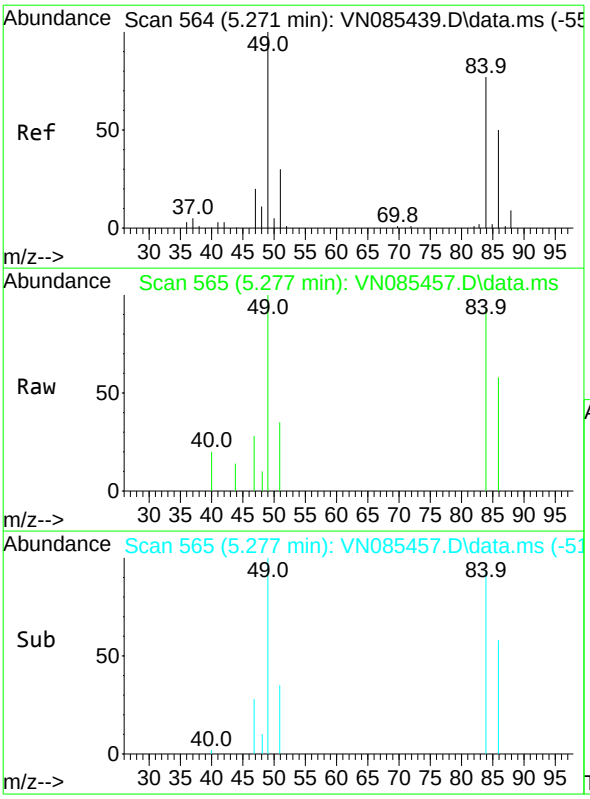


#16
Acetone
Concen: 46.456 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Tgt Ion: 43 Resp: 46708

Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.8	35.6



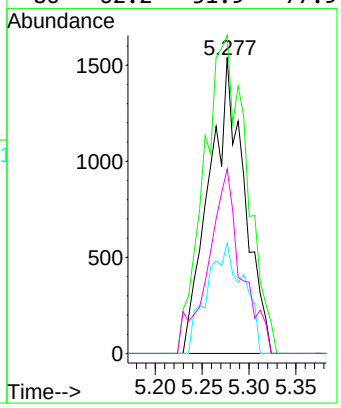


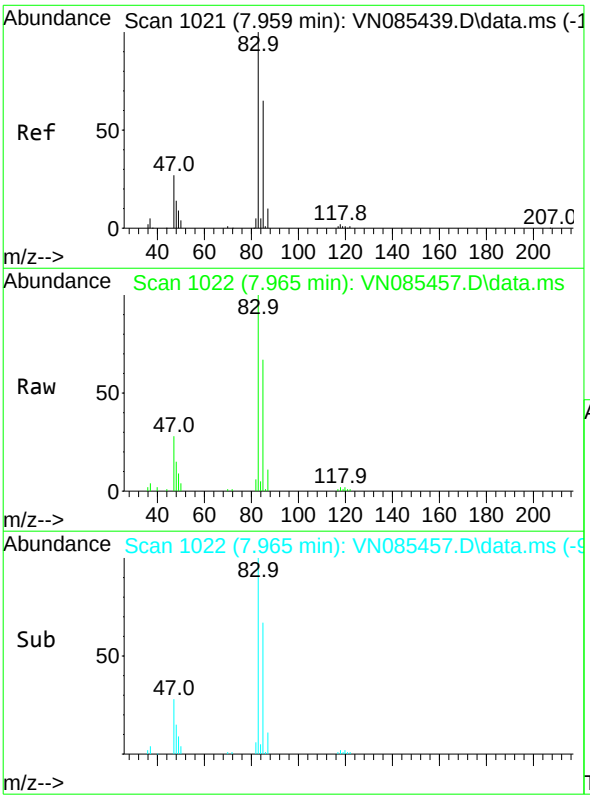
#20
Methylene Chloride
Concen: 1.606 ug/l
RT: 5.277 min Scan# 56
Delta R.T. 0.006 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#01

Tgt Ion: 84 Resp: 3997

Ion	Ratio	Lower	Upper
84	100		
49	107.4	104.1	156.1
51	37.2	31.0	46.4
86	62.2	51.9	77.9

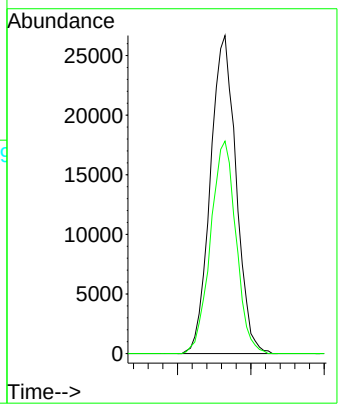


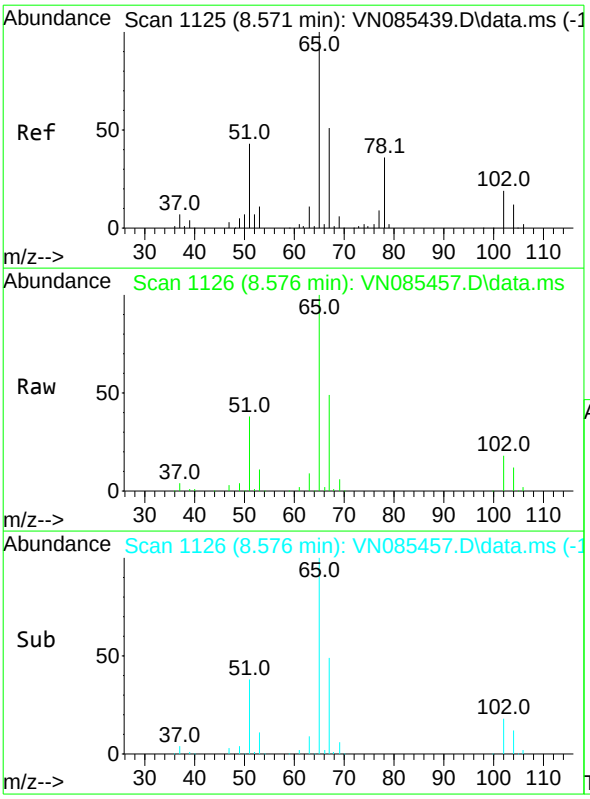


#30
Chloroform
Concen: 13.839 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Tgt Ion: 83 Resp: 64986

Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.8	77.6



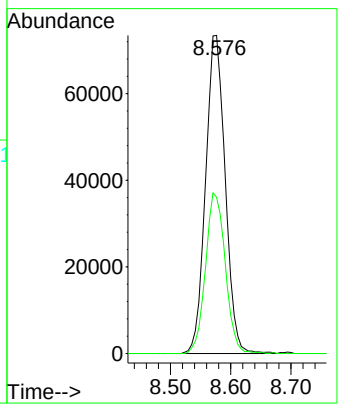


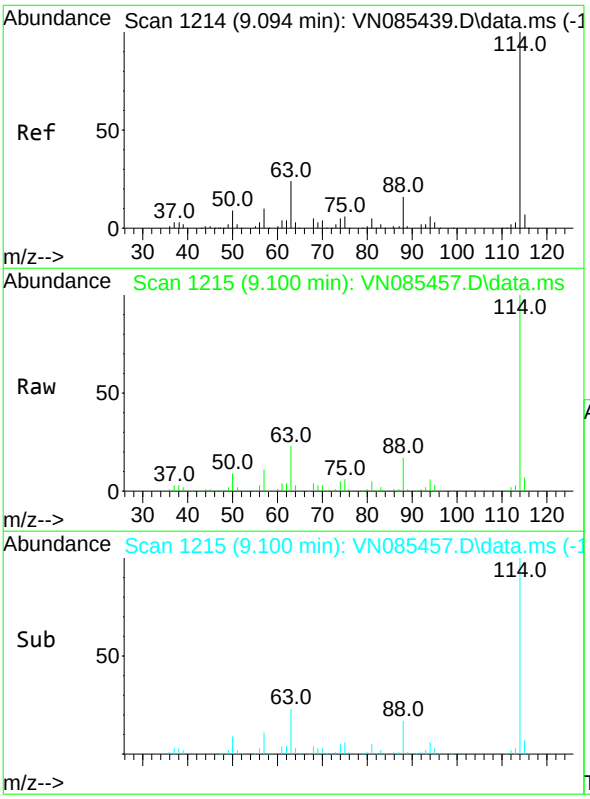
#33
1,2-Dichloroethane-d4
Concen: 53.421 ug/l
RT: 8.576 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#01

Tgt Ion: 65 Resp: 166230

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.6

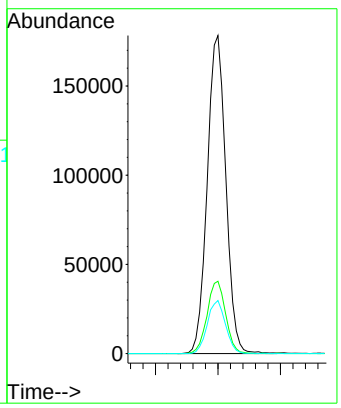


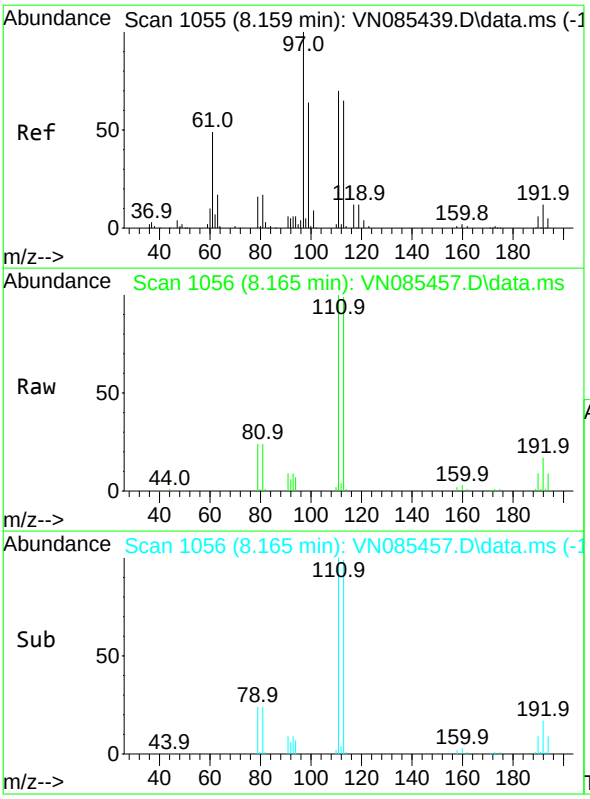


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Tgt Ion:114 Resp: 368463

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	47.6
88	16.7	0.0	32.6



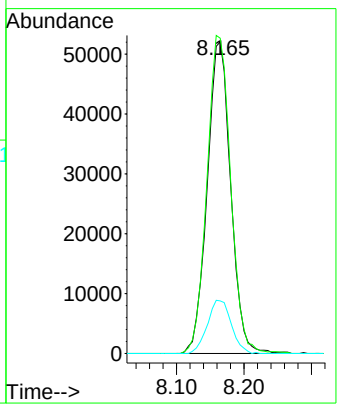


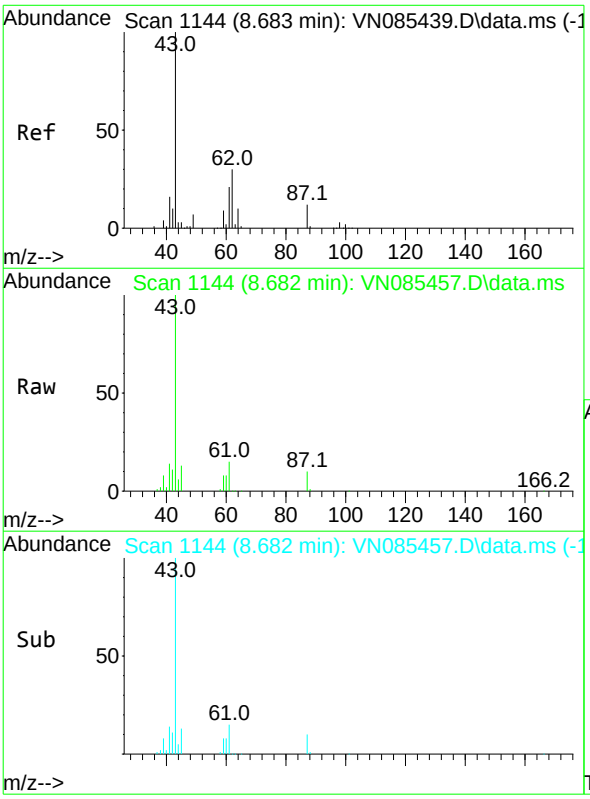
#35
Dibromofluoromethane
Concen: 49.124 ug/l
RT: 8.165 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#01

Tgt Ion:113 Resp: 125571

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	17.4	14.3	21.5

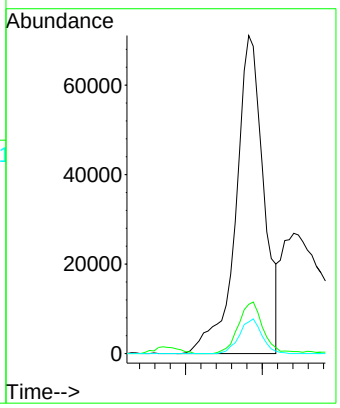


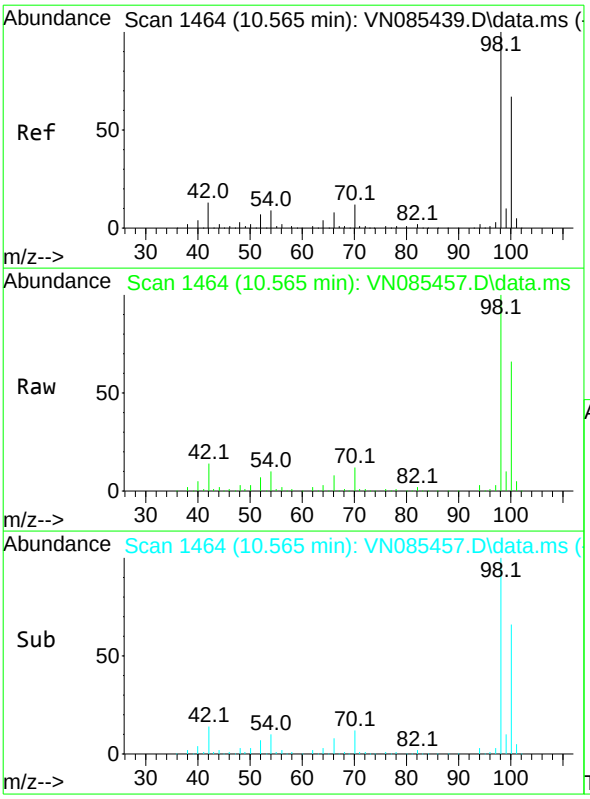


#43
Isopropyl Acetate
Concen: 30.842 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Tgt Ion: 43 Resp: 178956

Ion	Ratio	Lower	Upper
43	100		
61	14.5	20.7	31.1#
87	8.8	9.8	14.8#



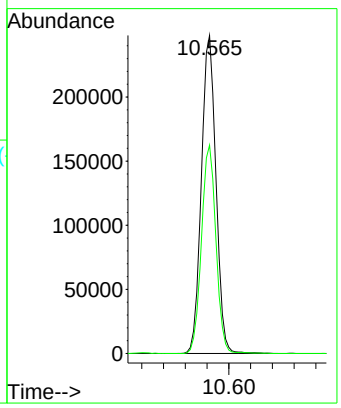


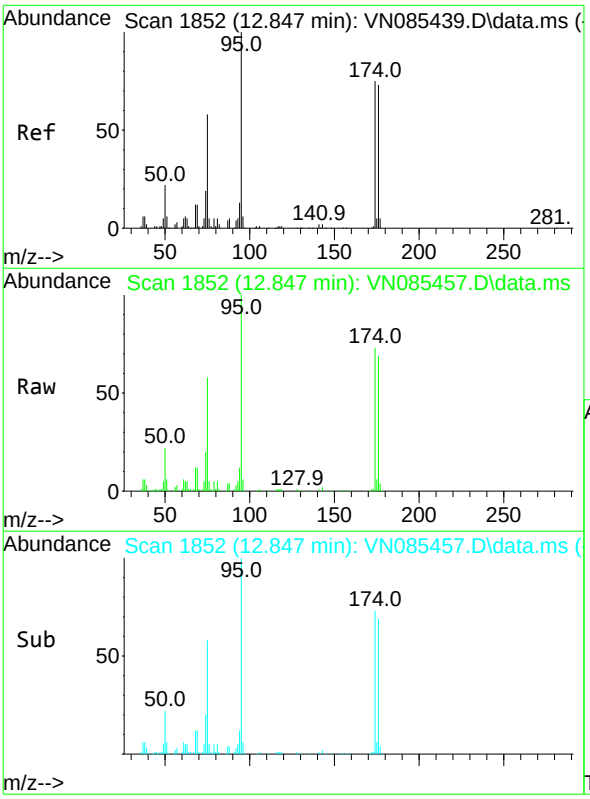
#50
Toluene-d8
Concen: 50.791 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#01

Tgt Ion: 98 Resp: 461293

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

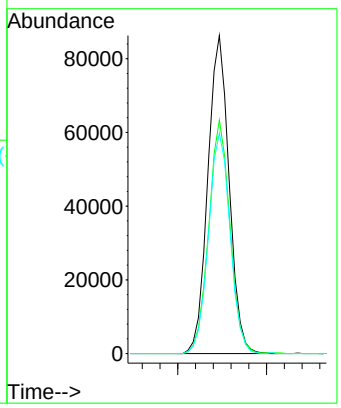


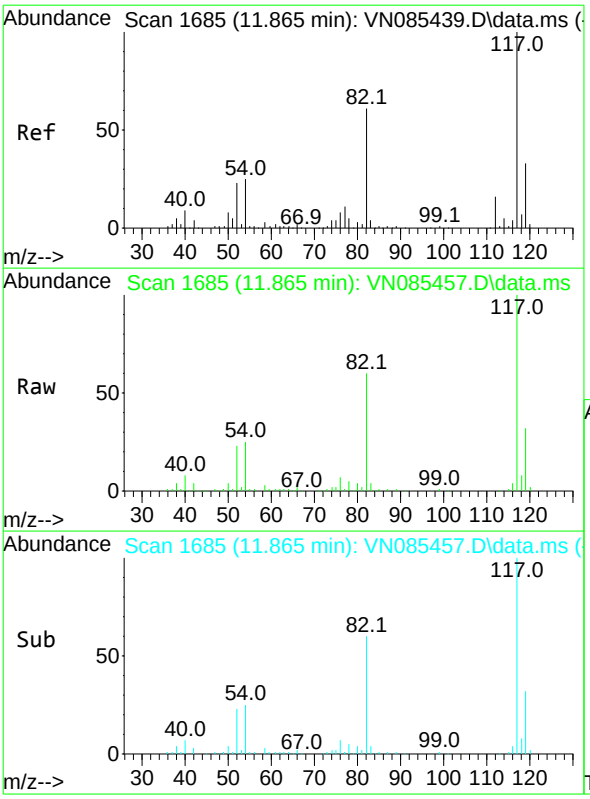


#62
4-Bromofluorobenzene
Concen: 46.148 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Tgt Ion: 95 Resp: 143372

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	145.0
176	70.2	0.0	142.4



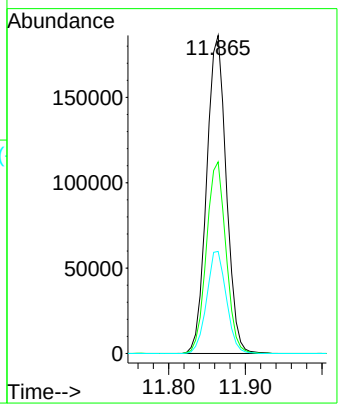


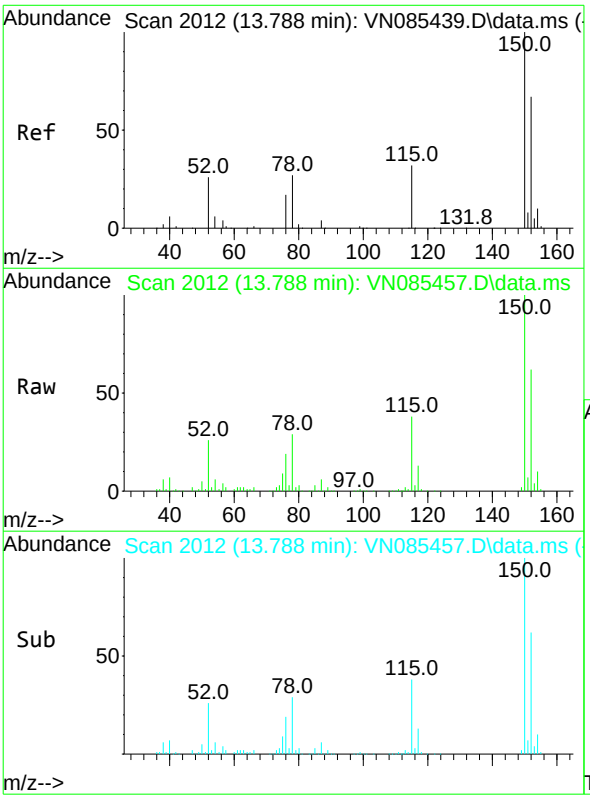
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#01

Tgt Ion:117 Resp: 331245

Ion	Ratio	Lower	Upper
117	100		
82	60.3	48.6	72.8
119	32.1	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085457.D
Acq: 15 Jan 2025 13:25

Tgt Ion:152 Resp: 126057

Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.1	93.3
150	157.8	0.0	343.6