Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
Data File : VN085459.D
Acq On : 15 Jan 2025 14:13
Operator : JC\MD
Sample : PB166029ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Quant Time: Jan 16 00:58:37 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	180587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	355738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160959	55.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.440%			
35) Dibromofluoromethane	8.165	113	120299	48.745	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.480%			
50) Toluene-d8	10.565	98	447097	50.989	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.847	95	138891	46.305	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.600%			
Target Compounds						Qvalue
16) Acetone	4.430	43	44214	46.942	ug/l	98
20) Methylene Chloride	5.271	84	3933	1.687	ug/l #	88
30) Chloroform	7.959	83	60373	13.724	ug/l	99
43) Isopropyl Acetate	8.682	43	199530	35.618	ug/l #	79

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

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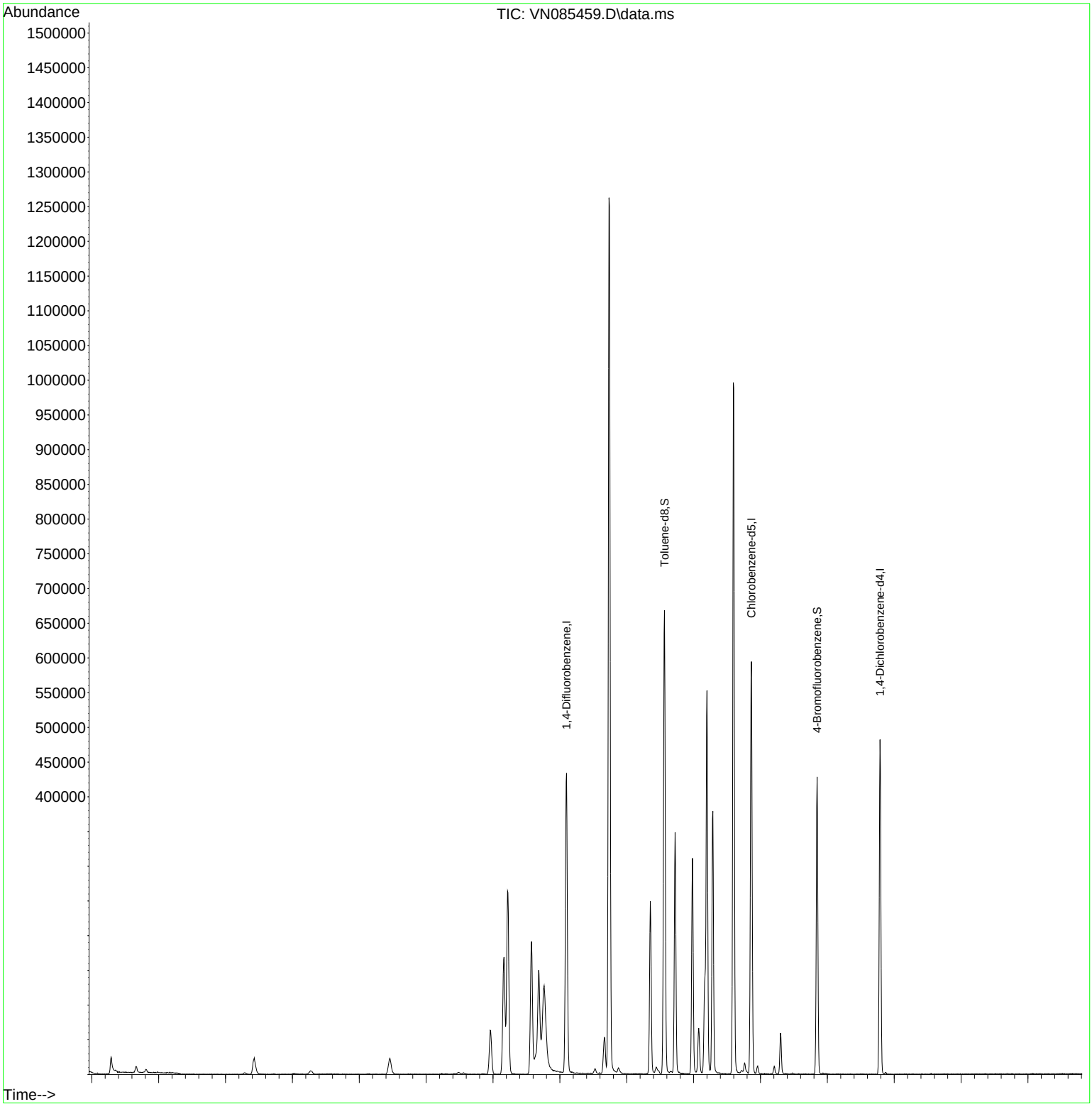
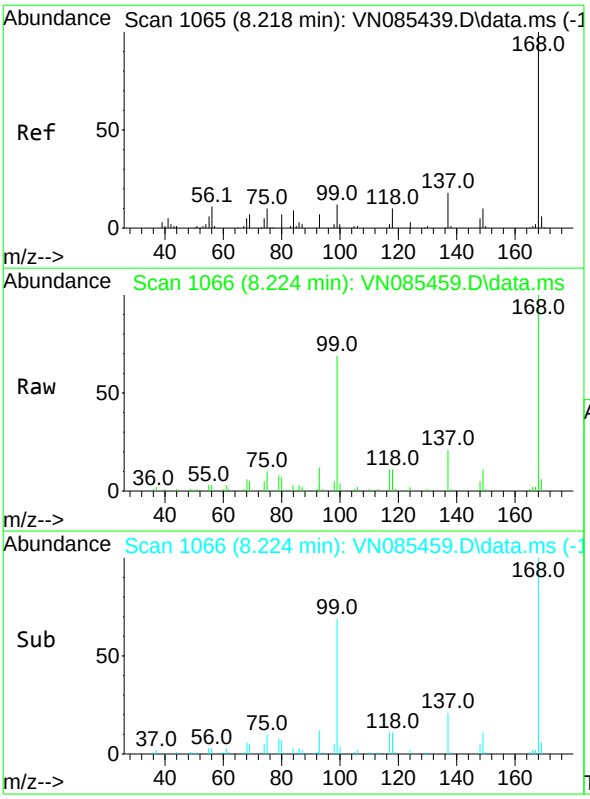


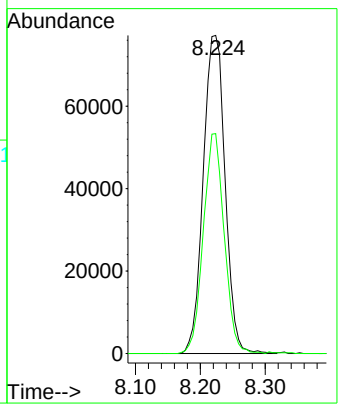


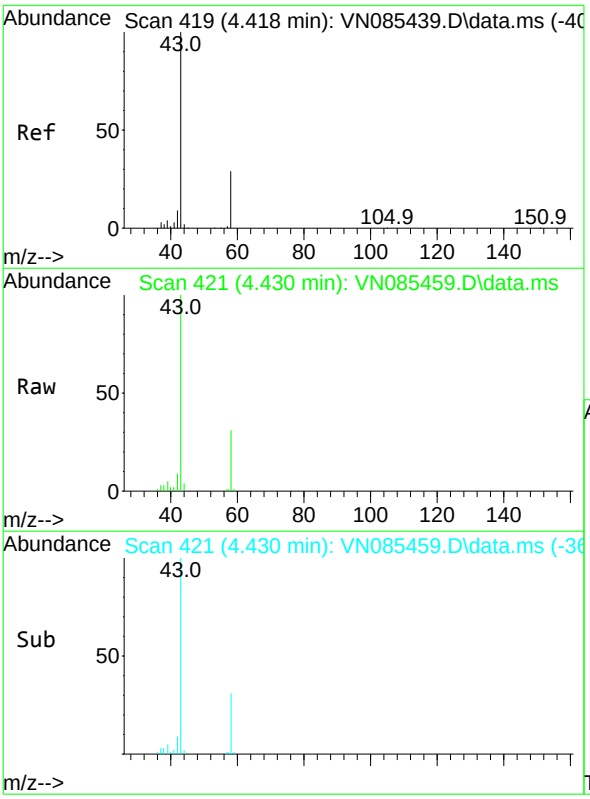
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion:168 Resp: 180587

Ion	Ratio	Lower	Upper
168	100		
99	69.1	53.6	80.4

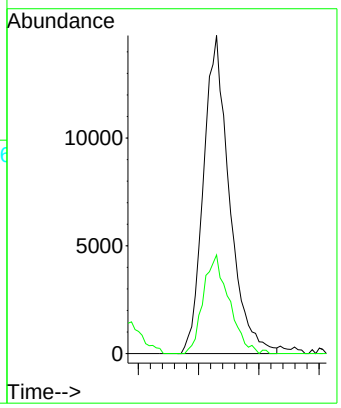


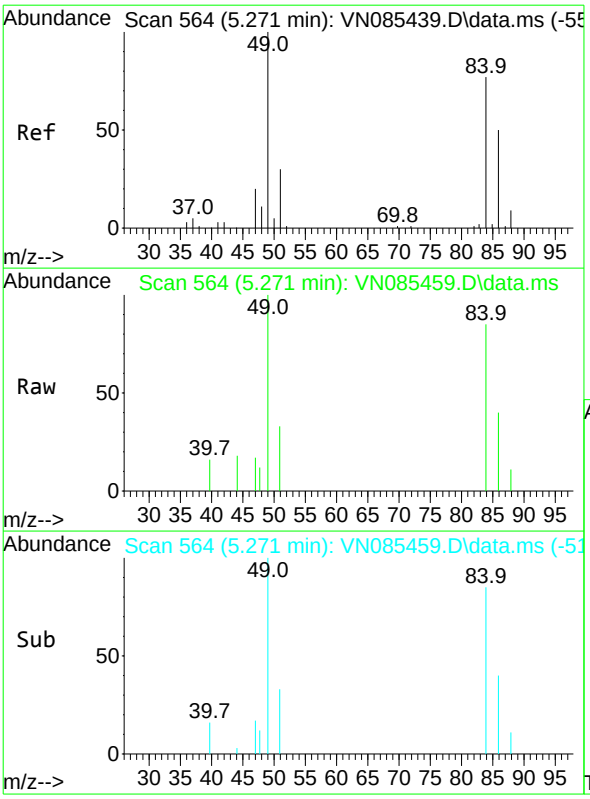


#16
Acetone
Concen: 46.942 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 43 Resp: 44214

Ion	Ratio	Lower	Upper
43	100		
58	31.0	23.8	35.6



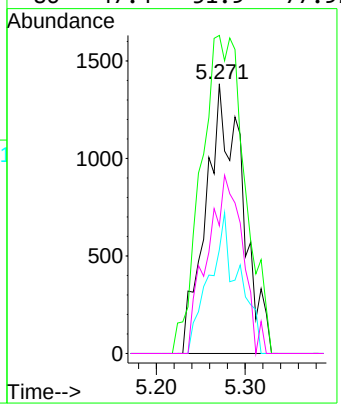


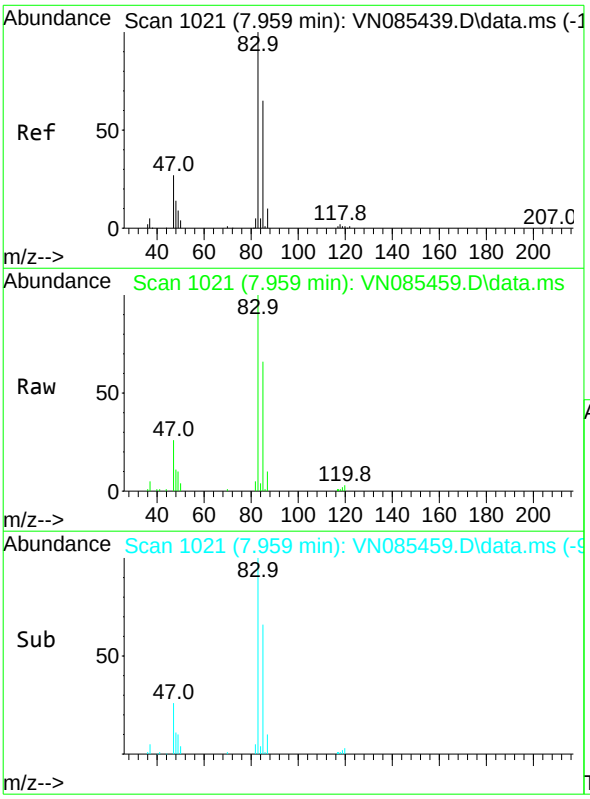
#20
Methylene Chloride
Concen: 1.687 ug/l
RT: 5.271 min Scan# 56
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 84 Resp: 3933

Ion	Ratio	Lower	Upper
84	100		
49	117.9	104.1	156.1
51	38.5	31.0	46.4
86	47.4	51.9	77.9#

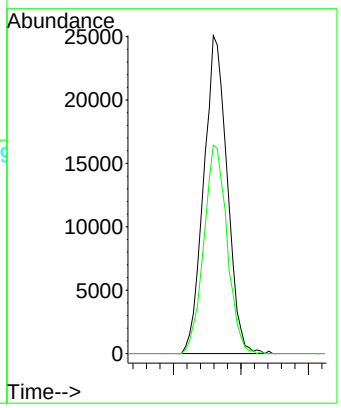


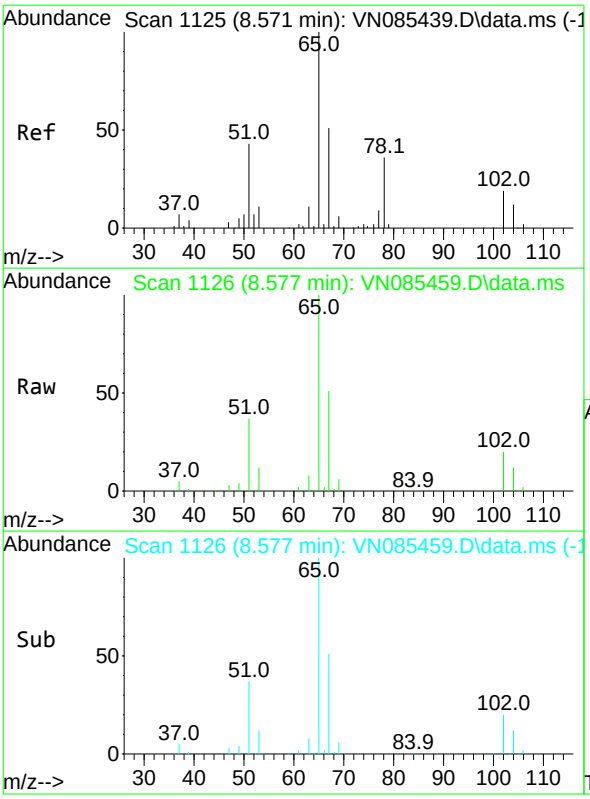


#30
Chloroform
Concen: 13.724 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 83 Resp: 60373

Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.8	77.6



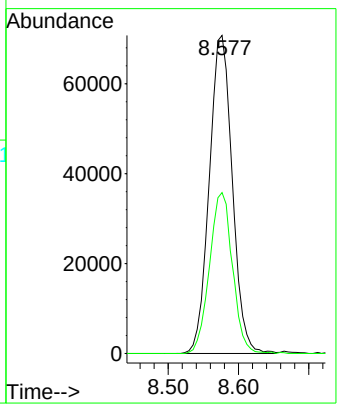


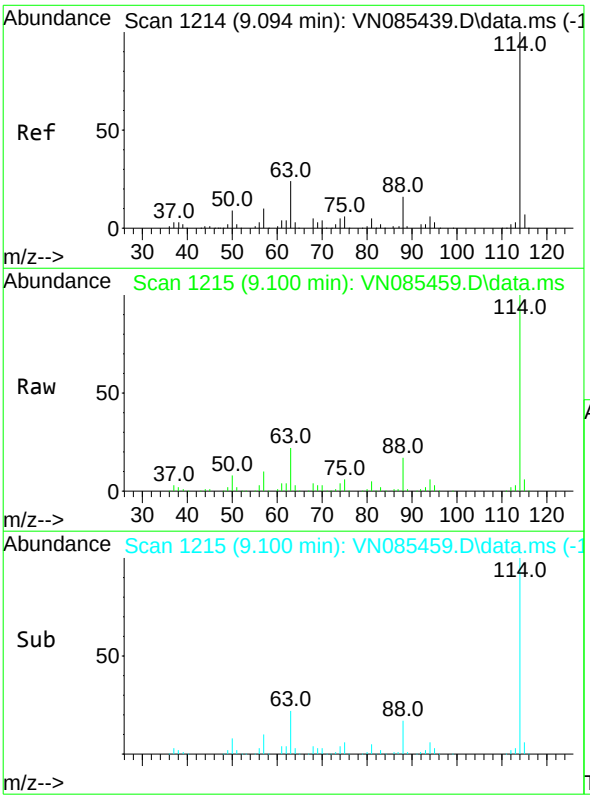
#33
1,2-Dichloroethane-d4
Concen: 55.217 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 65 Resp: 160959

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.6

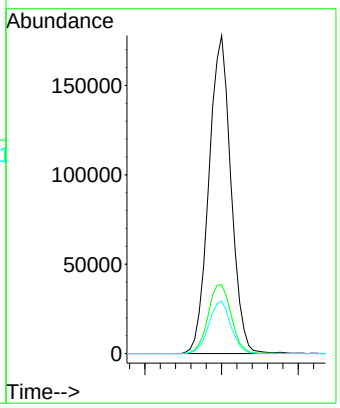


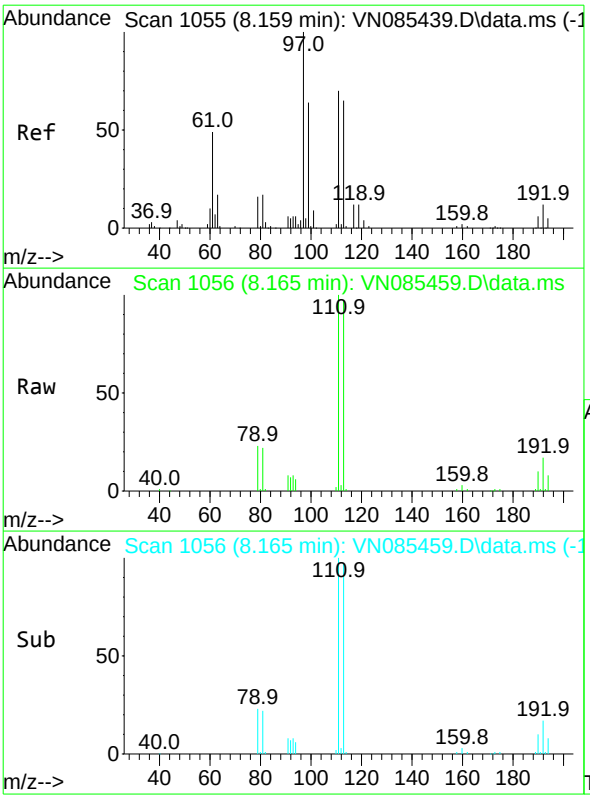


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion:114 Resp: 355738

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	47.6
88	16.5	0.0	32.6



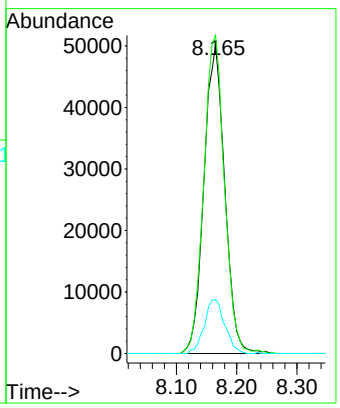


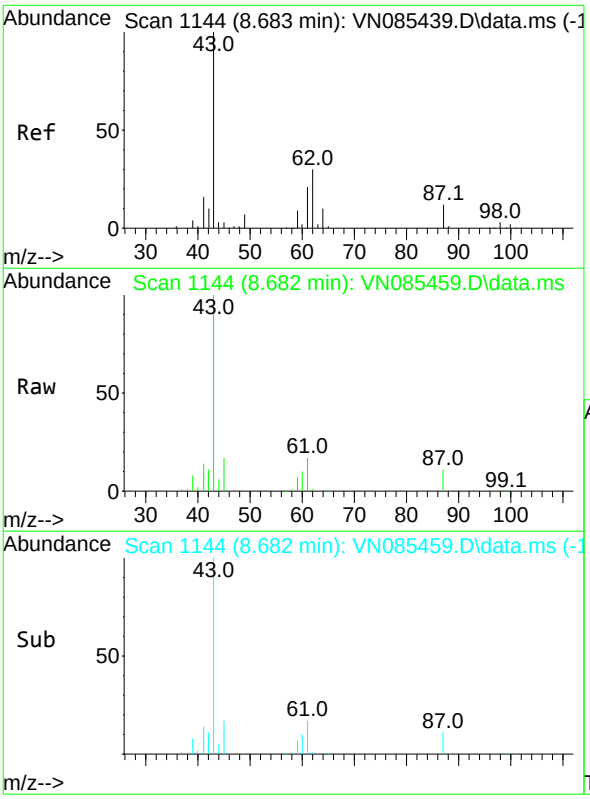
#35
Dibromofluoromethane
Concen: 48.745 ug/l
RT: 8.165 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion:113 Resp: 120299

Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	17.2	14.3	21.5

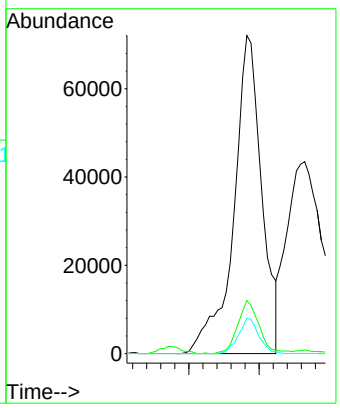


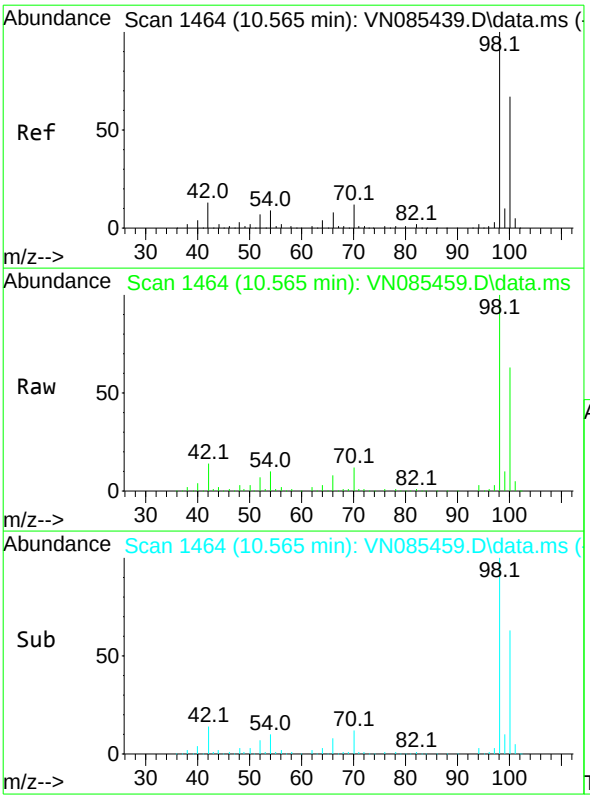


#43
Isopropyl Acetate
Concen: 35.618 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 43 Resp: 199530

Ion	Ratio	Lower	Upper
43	100		
61	12.8	20.7	31.1#
87	8.0	9.8	14.8#



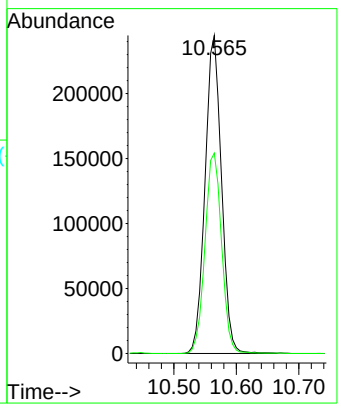


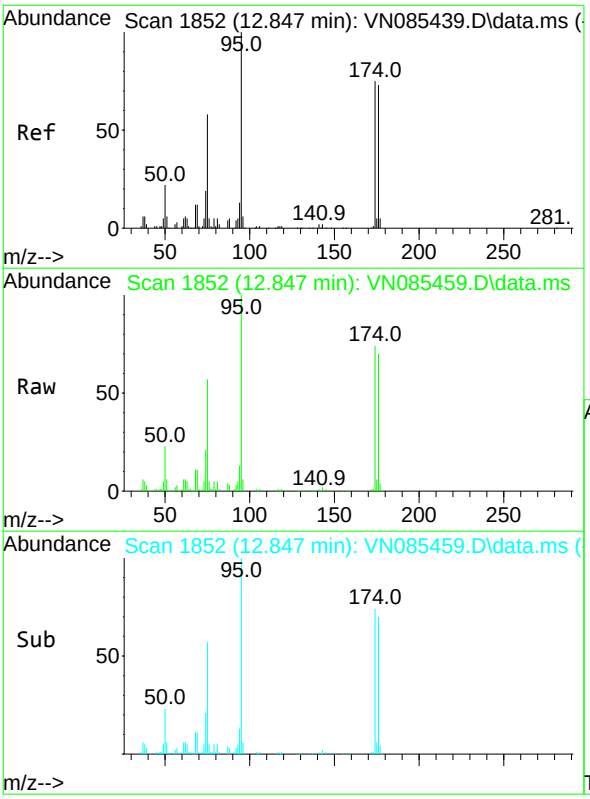
#50
Toluene-d8
Concen: 50.989 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion: 98 Resp: 447097

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.4

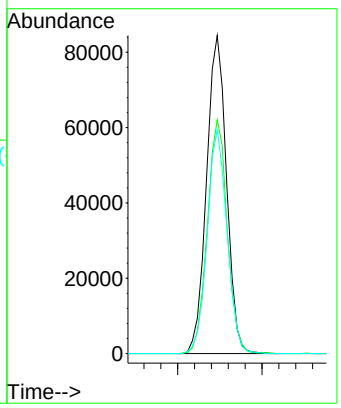


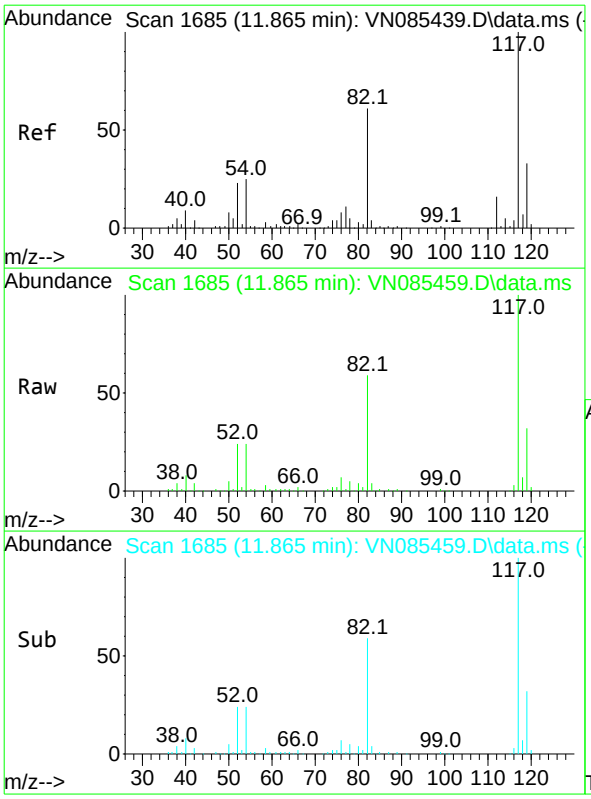


#62
4-Bromofluorobenzene
Concen: 46.305 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion: 95 Resp: 138891

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	145.0
176	69.8	0.0	142.4



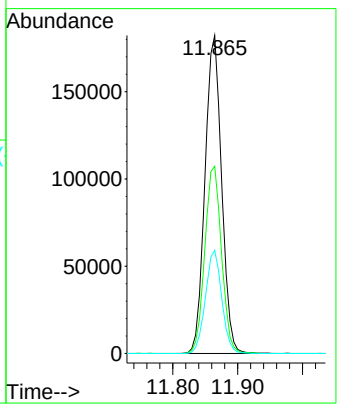


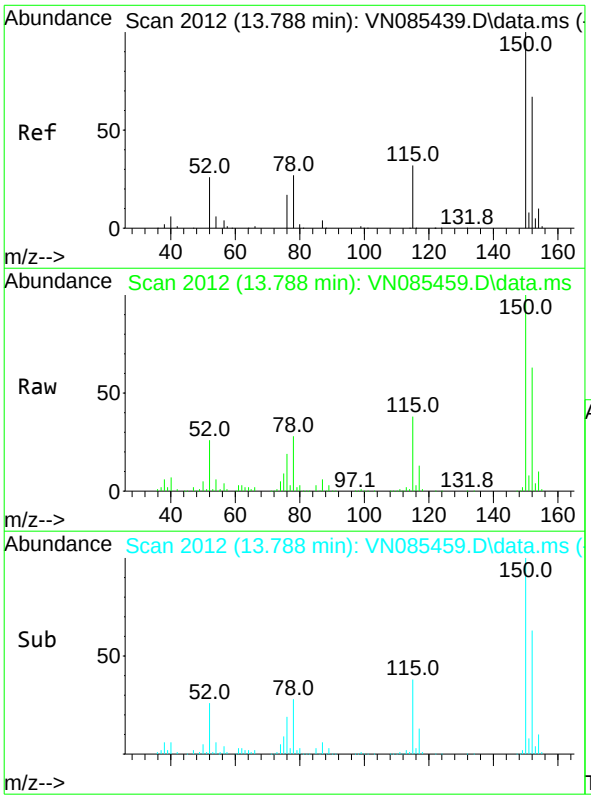
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN085459.D
Acq: 15 Jan 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB166029ZHE#03

Tgt Ion:117 Resp: 324503

Ion	Ratio	Lower	Upper
117	100		
82	58.9	48.6	72.8
119	32.4	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: VN085459.D
Acq: 15 Jan 2025 14:13

Tgt Ion:152 Resp: 124208

Ion	Ratio	Lower	Upper
152	100		
115	60.1	31.1	93.3
150	156.7	0.0	343.6