Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
Data File : VN085490.D
Acq On : 17 Jan 2025 13:36
Operator : JC\MD
Sample : PB166090ZHE#01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#01

Quant Time: Jan 17 22:34:38 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	185114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	356401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	320476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161156	53.932	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.860%			
35) Dibromofluoromethane	8.159	113	120249	48.634	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.260%			
50) Toluene-d8	10.565	98	448488	51.052	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.100%			
62) 4-Bromofluorobenzene	12.847	95	135555	45.108	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 90.220%			
Target Compounds						Qvalue
16) Acetone	4.430	43	47767	49.474	ug/l	100
20) Methylene Chloride	5.283	84	3793	1.587	ug/l #	72
30) Chloroform	7.965	83	48226	10.695	ug/l	93
43) Isopropyl Acetate	8.683	43	160325	28.566	ug/l #	83

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

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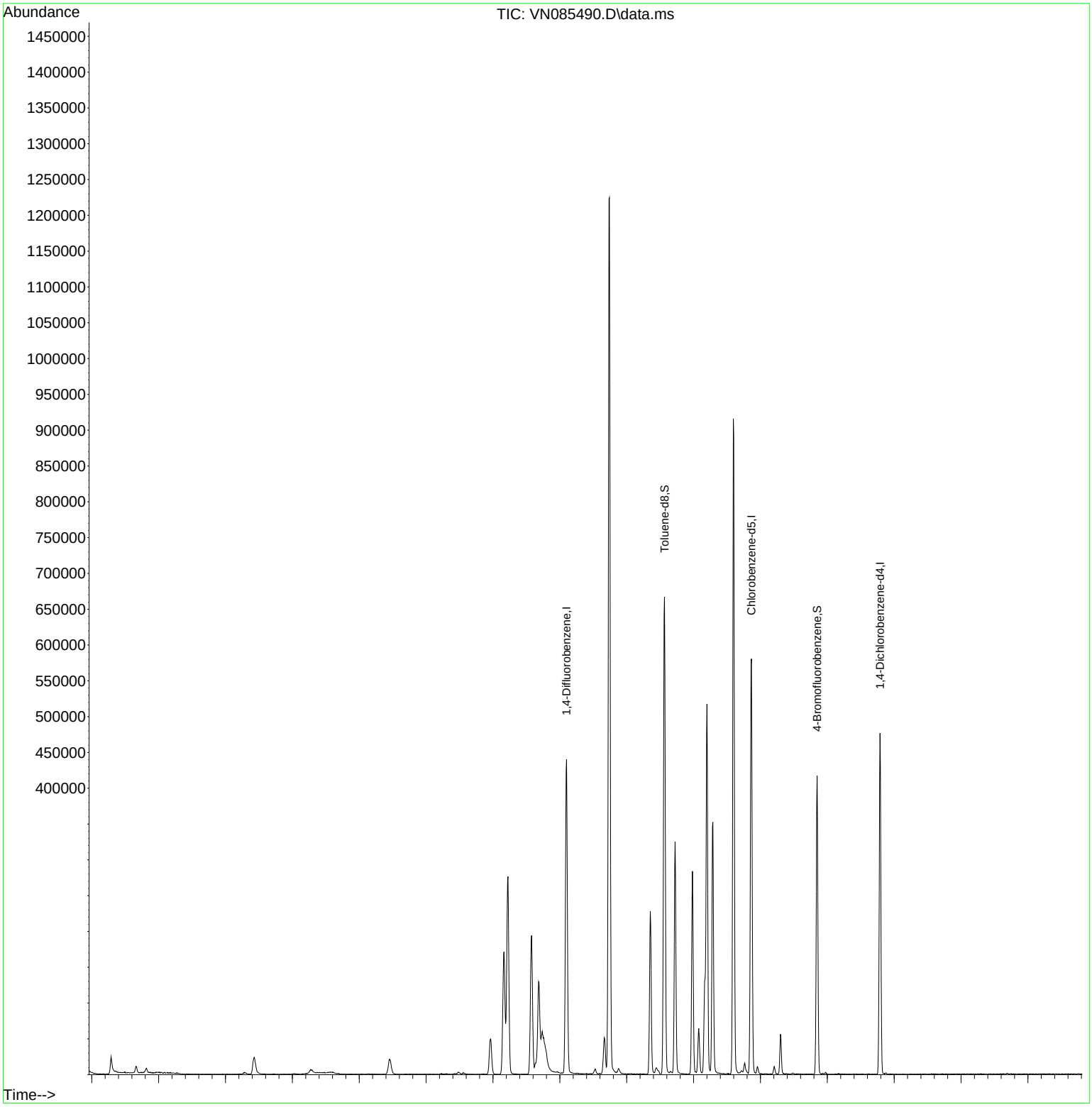
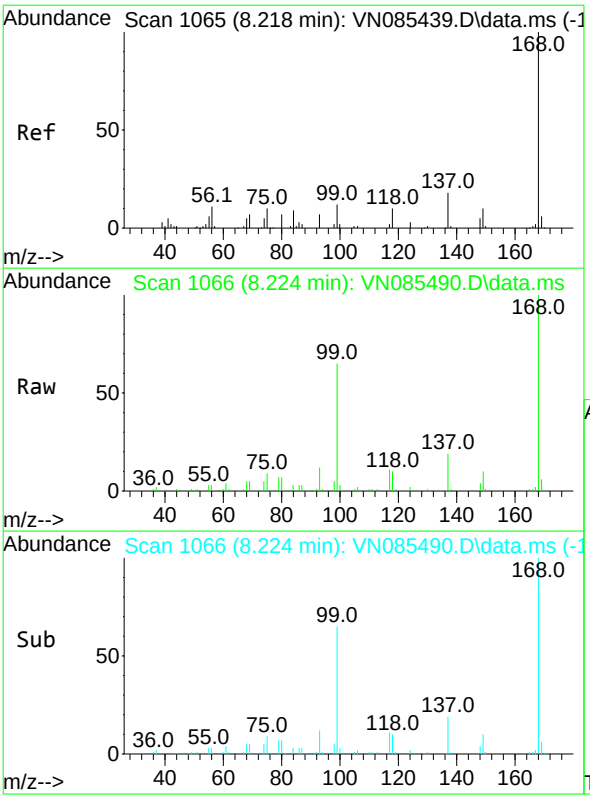


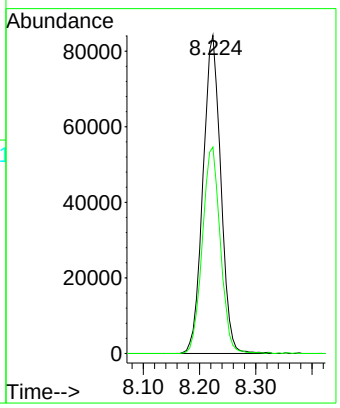


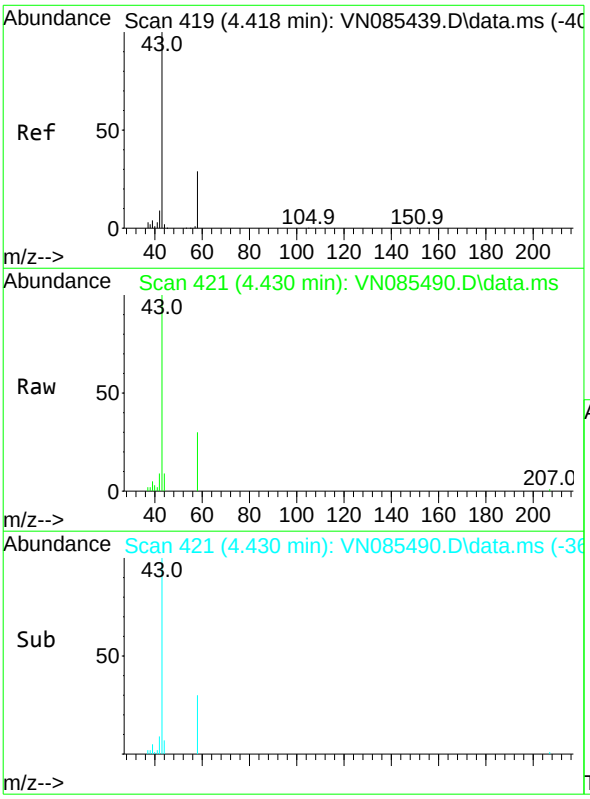
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085490.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#01

Tgt Ion:168 Resp: 185114

Ion	Ratio	Lower	Upper
168	100		
99	64.9	53.6	80.4

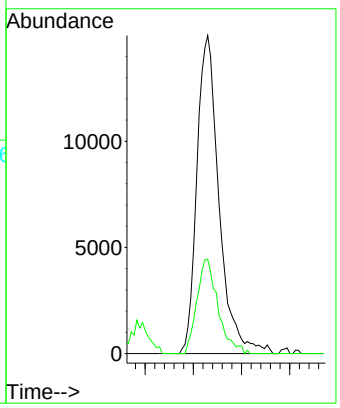


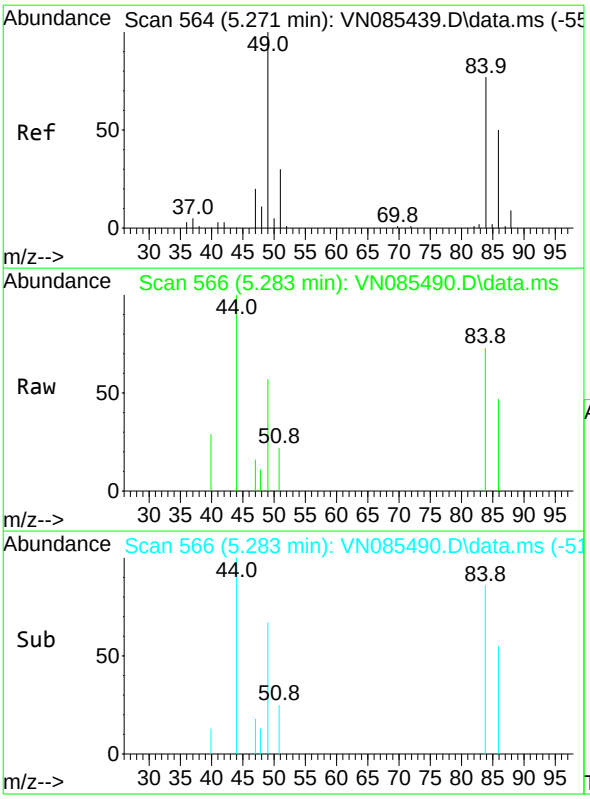


#16
Acetone
Concen: 49.474 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085490.D
Acq: 17 Jan 2025 13:36

Tgt Ion: 43 Resp: 47767

Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.8	35.6



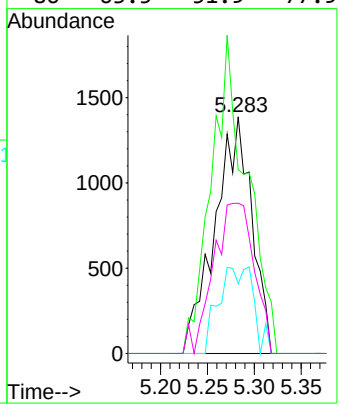


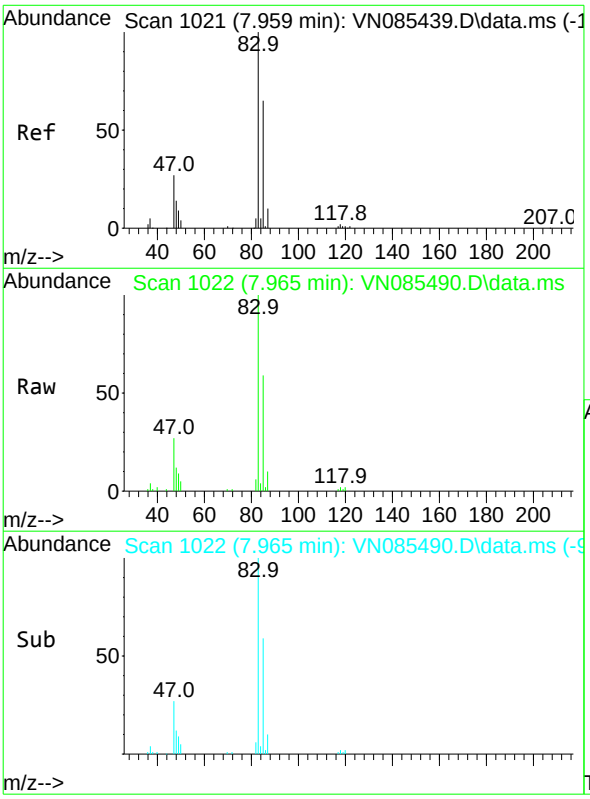
#20
Methylene Chloride
Concen: 1.587 ug/l
RT: 5.283 min Scan# 56
Delta R.T. 0.012 min
Lab File: VN085490.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#01

Tgt Ion: 84 Resp: 3793

Ion	Ratio	Lower	Upper
84	100		
49	77.7	104.1	156.1#
51	29.5	31.0	46.4#
86	63.5	51.9	77.9

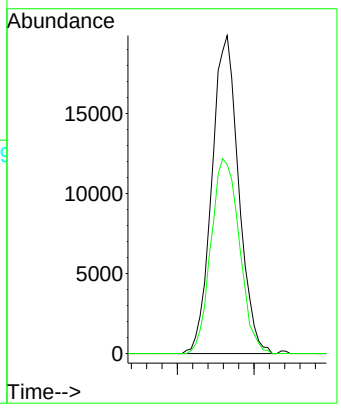


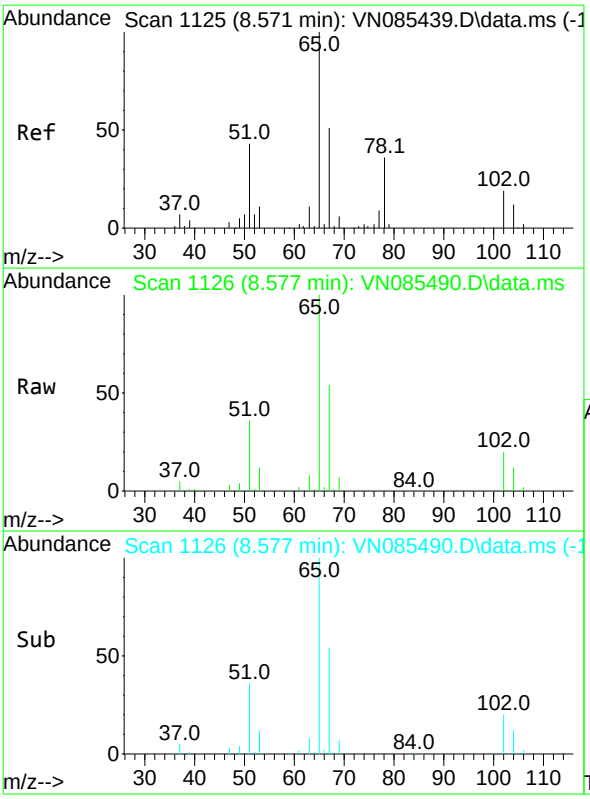


#30
Chloroform
Concen: 10.695 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085490.D
Acq: 17 Jan 2025 13:36

Tgt Ion: 83 Resp: 48226

Ion	Ratio	Lower	Upper
83	100		
85	59.4	51.8	77.6



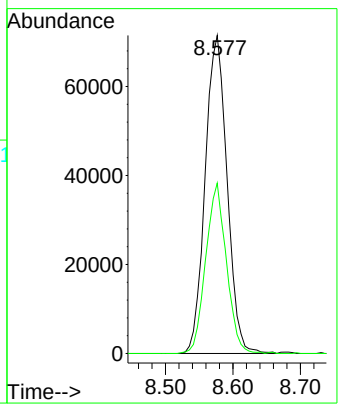


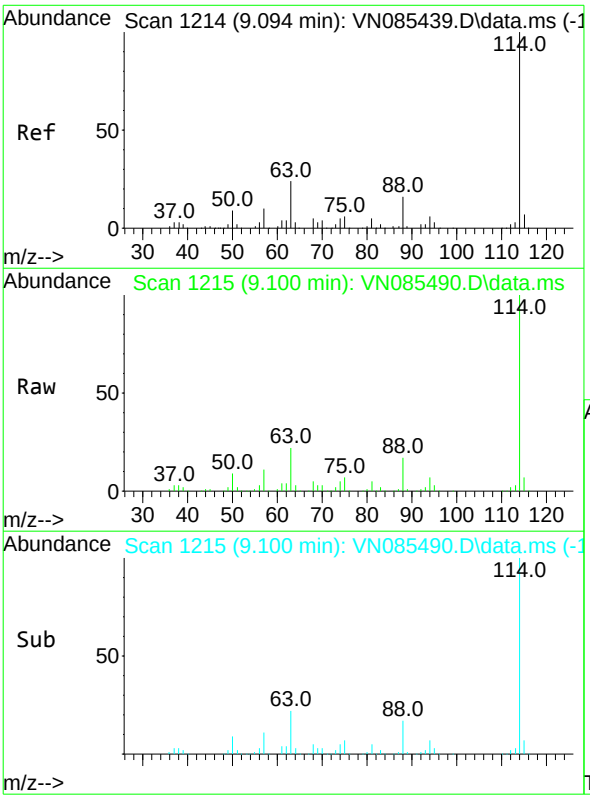
#33
1,2-Dichloroethane-d4
Concen: 53.932 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085490.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#01

Tgt Ion: 65 Resp: 161156

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.6

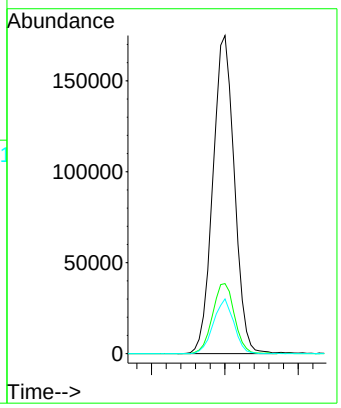


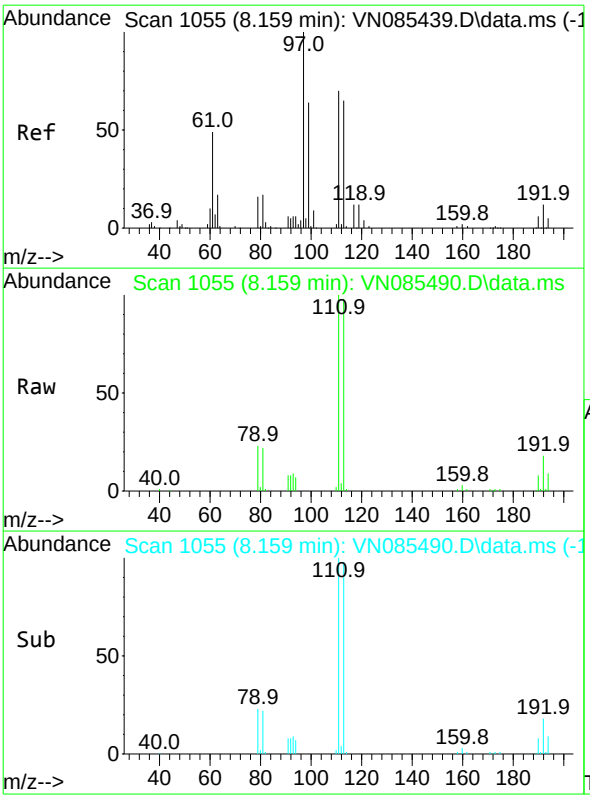


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085490.D
Acq: 17 Jan 2025 13:36

Tgt Ion:114 Resp: 356401

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	47.6
88	17.2	0.0	32.6



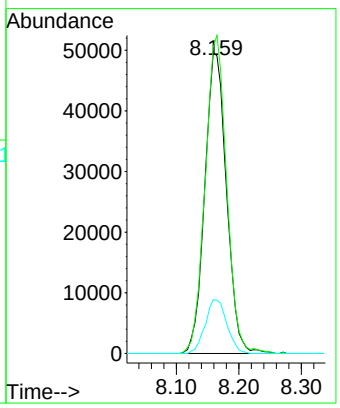


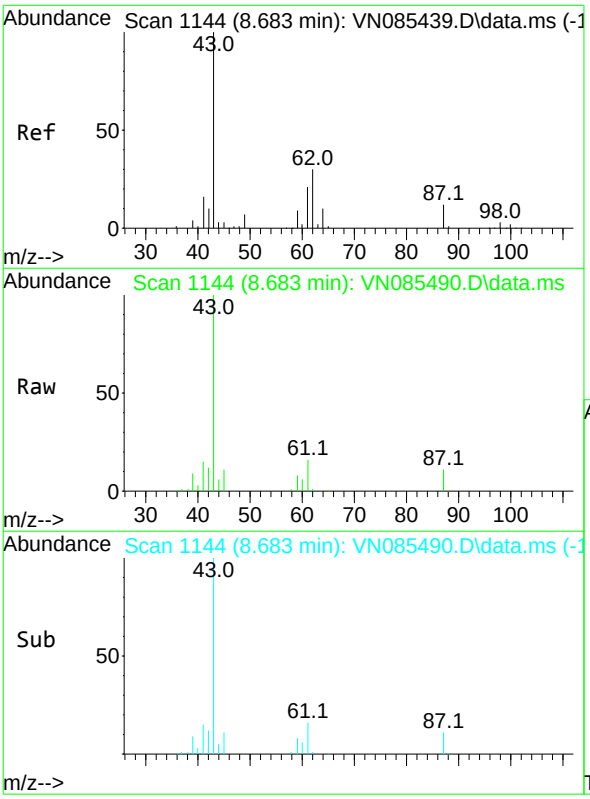
#35
Dibromofluoromethane
Concen: 48.634 ug/l
RT: 8.159 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN085490.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#01

Tgt Ion:113 Resp: 120249

Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.7	124.1
192	17.8	14.3	21.5

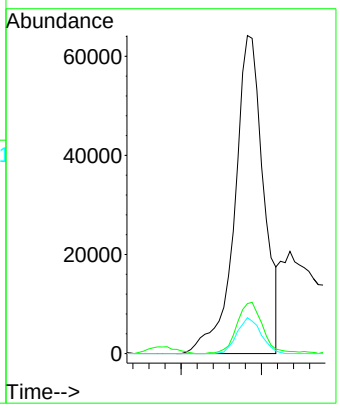


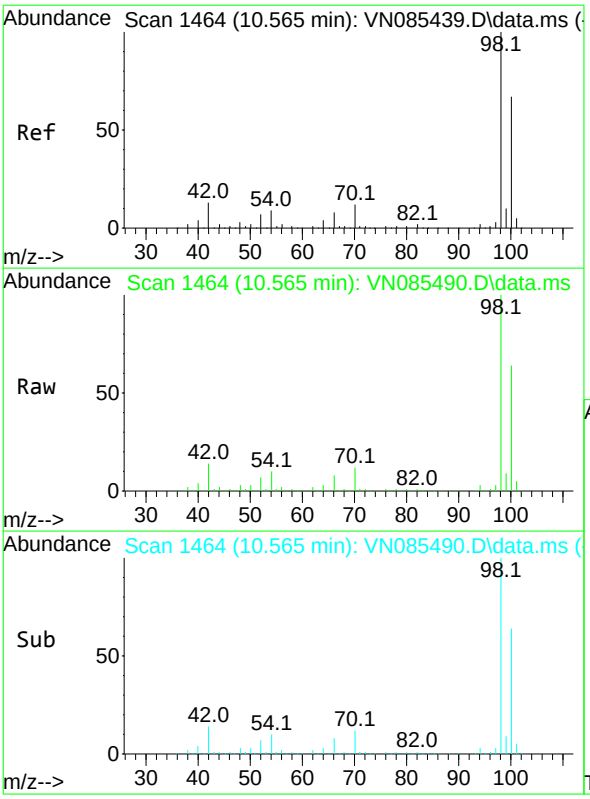


#43
Isopropyl Acetate
Concen: 28.566 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085490.D
Acq: 17 Jan 2025 13:36

Tgt Ion: 43 Resp: 160325

Ion	Ratio	Lower	Upper
43	100		
61	14.7	20.7	31.1#
87	9.4	9.8	14.8#



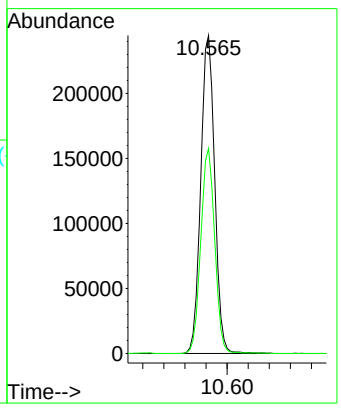


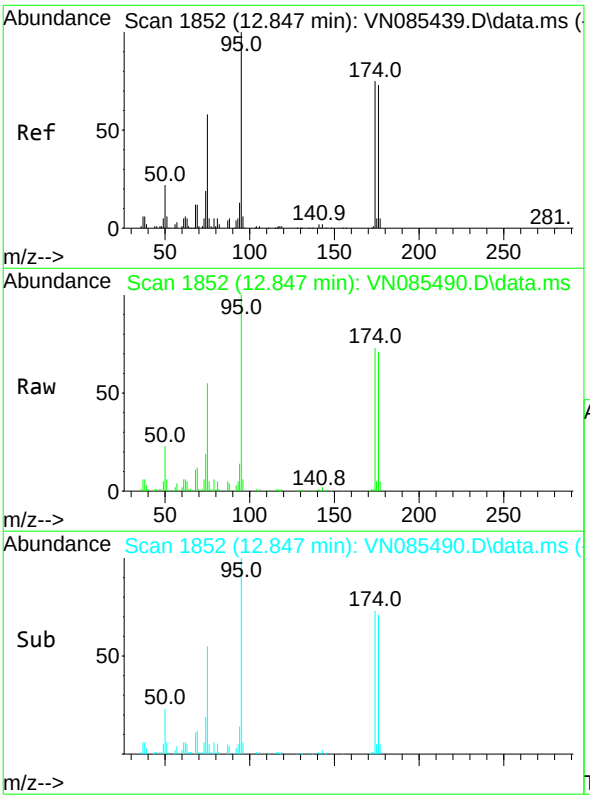
#50
Toluene-d8
Concen: 51.052 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085490.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#01

Tgt Ion: 98 Resp: 448488

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4

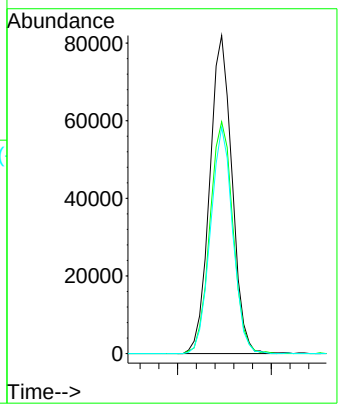


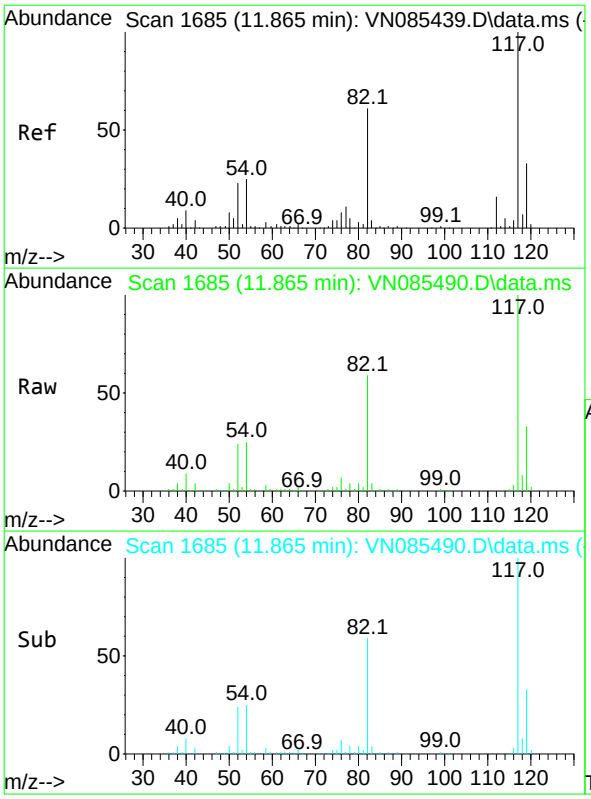


#62
4-Bromofluorobenzene
Concen: 45.108 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085490.D
Acq: 17 Jan 2025 13:36

Tgt Ion: 95 Resp: 135555

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	145.0
176	70.8	0.0	142.4



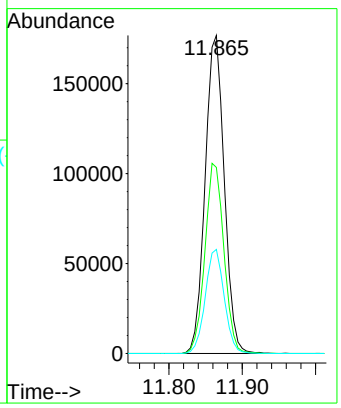


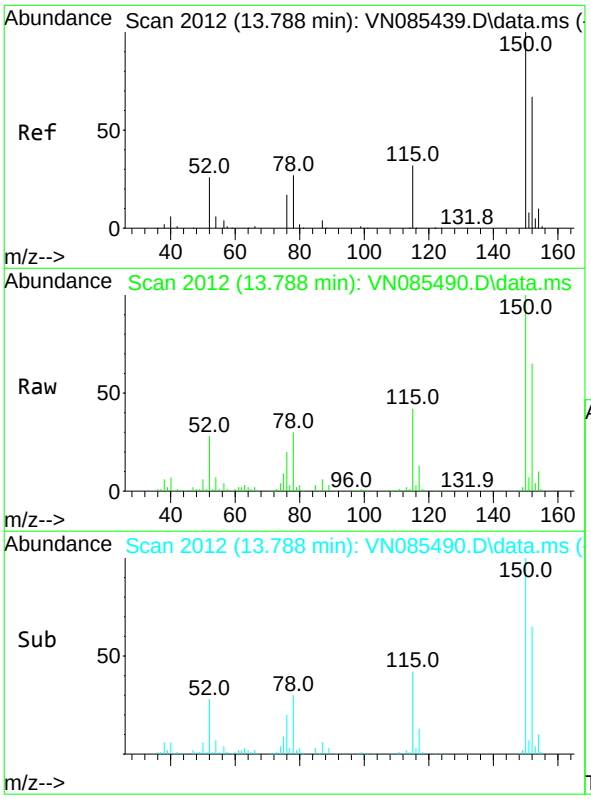
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN085490.D
Acq: 17 Jan 2025 13:36

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#01

Tgt Ion:117 Resp: 320476

Ion	Ratio	Lower	Upper
117	100		
82	58.5	48.6	72.8
119	32.7	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: VN085490.D
Acq: 17 Jan 2025 13:36

Tgt Ion:152 Resp: 122339

Ion	Ratio	Lower	Upper
152	100		
115	63.7	31.1	93.3
150	156.7	0.0	343.6