Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
Data File : VN085491.D
Acq On : 17 Jan 2025 14:00
Operator : JC\MD
Sample : PB166090ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#02

Quant Time: Jan 17 22:35:07 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	179432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	353747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	160274	55.336	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.680%			
35) Dibromofluoromethane	8.165	113	119928	48.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.740%			
50) Toluene-d8	10.565	98	447313	51.300	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.600%			
62) 4-Bromofluorobenzene	12.847	95	133915	44.897	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.800%			
Target Compounds						Qvalue
16) Acetone	4.430	43	46994	50.215	ug/l	97
20) Methylene Chloride	5.277	84	3544	1.530	ug/l #	73
30) Chloroform	7.959	83	47734	10.921	ug/l	96
43) Isopropyl Acetate	8.688	43	183363	32.916	ug/l #	80

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

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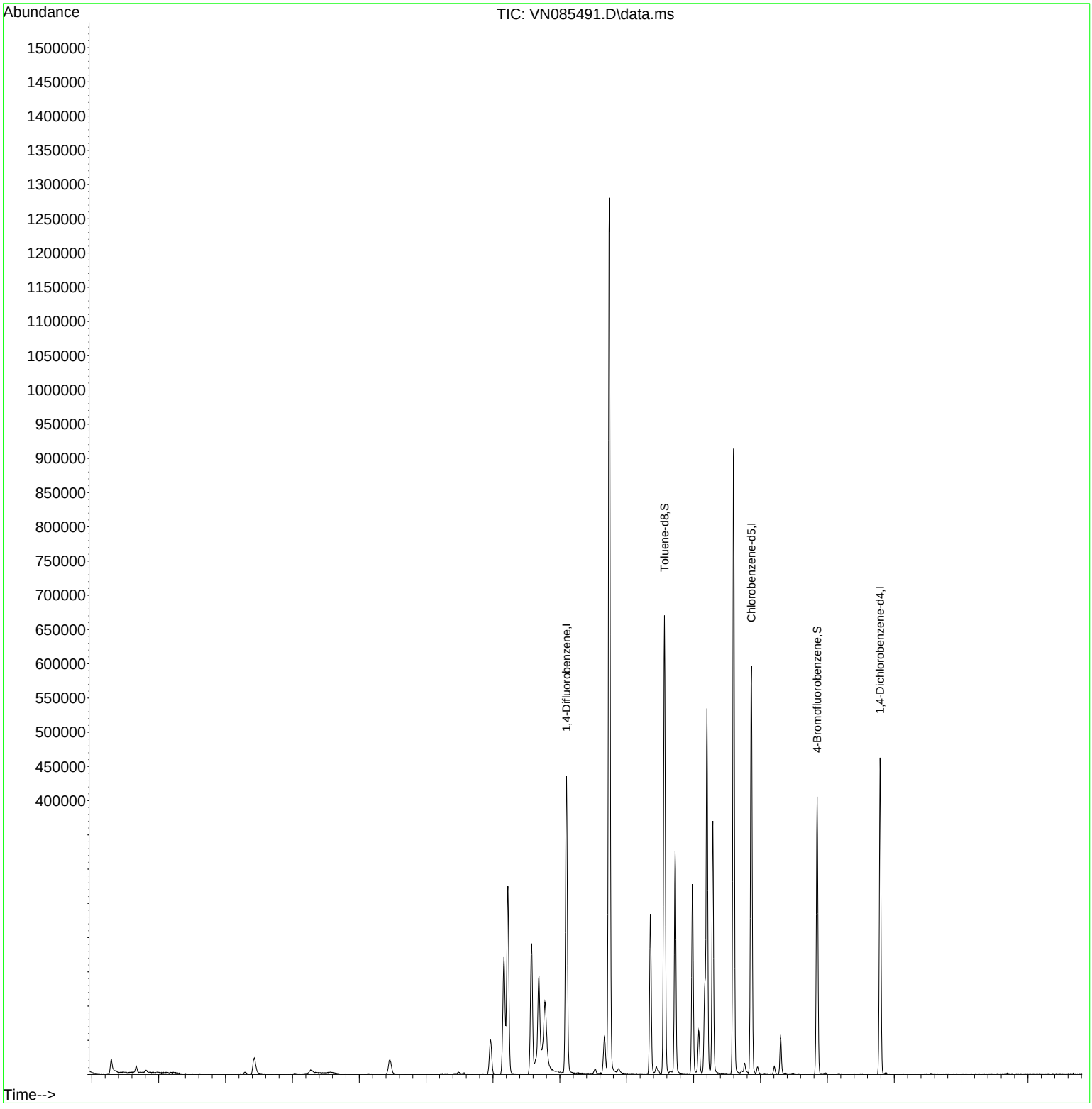
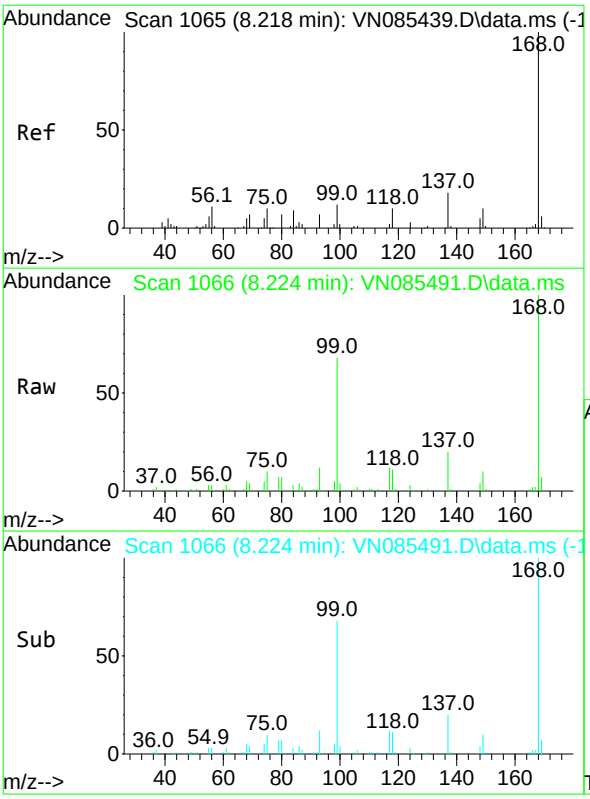


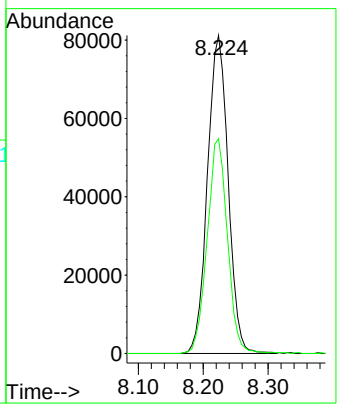


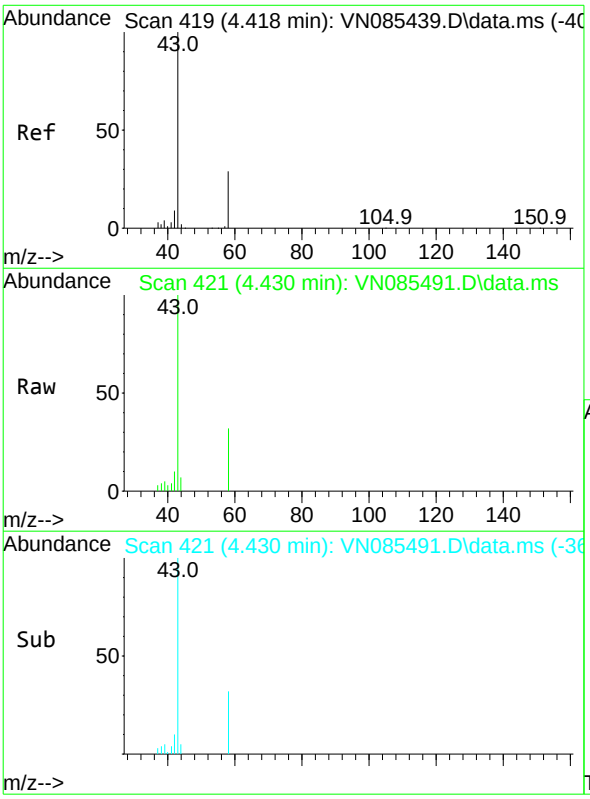
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085491.D
Acq: 17 Jan 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#02

Tgt Ion:168 Resp: 179432

Ion	Ratio	Lower	Upper
168	100		
99	67.5	53.6	80.4

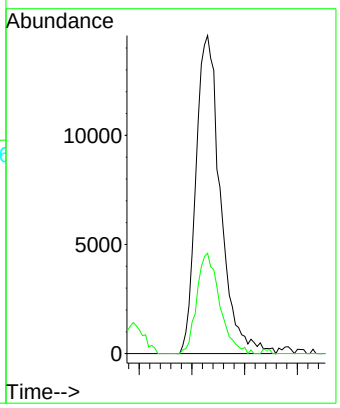


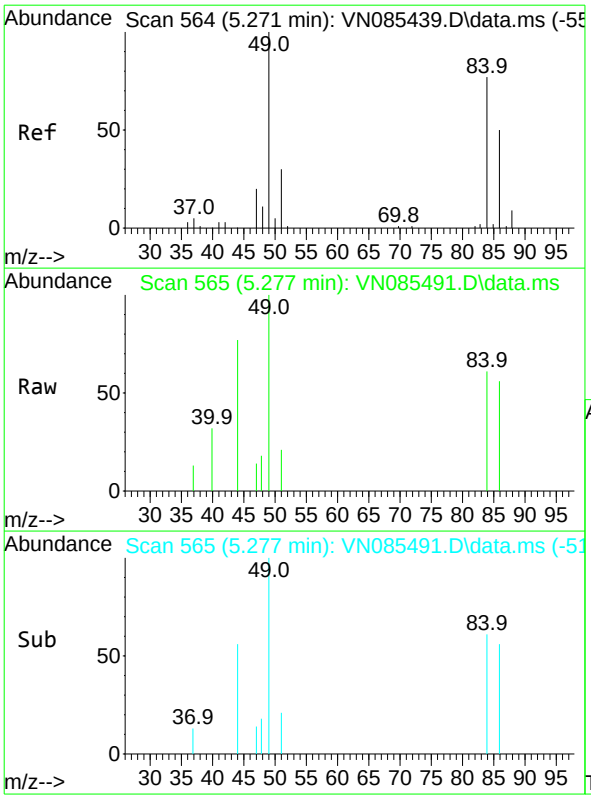


#16
Acetone
Concen: 50.215 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085491.D
Acq: 17 Jan 2025 14:00

Tgt Ion: 43 Resp: 46994

Ion	Ratio	Lower	Upper
43	100		
58	31.6	23.8	35.6



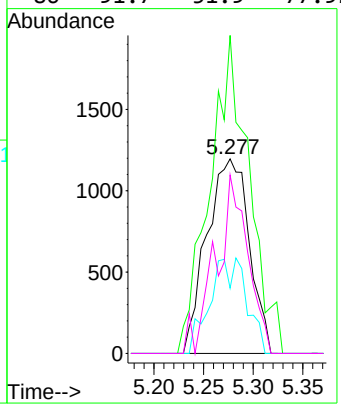


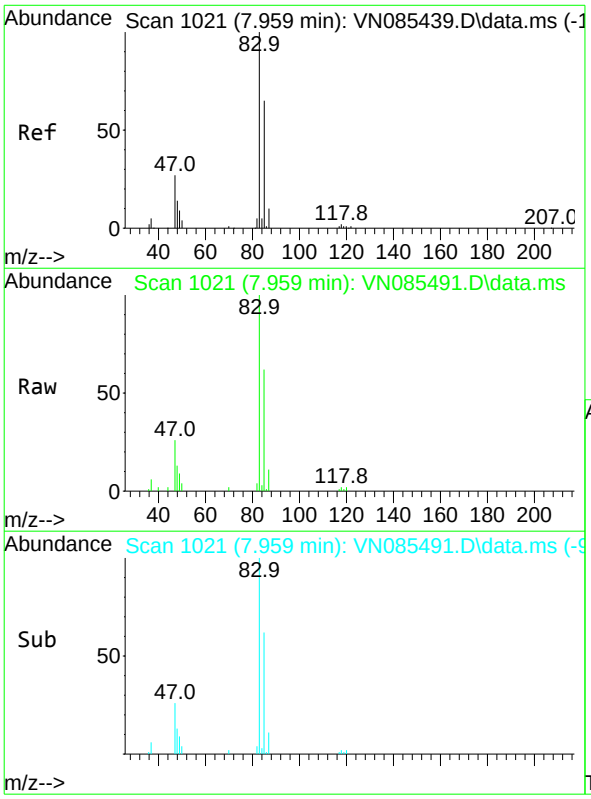
#20
Methylene Chloride
Concen: 1.530 ug/l
RT: 5.277 min Scan# 56
Delta R.T. 0.006 min
Lab File: VN085491.D
Acq: 17 Jan 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#02

Tgt Ion: 84 Resp: 3544

Ion	Ratio	Lower	Upper
84	100		
49	163.5	104.1	156.1#
51	33.5	31.0	46.4
86	91.7	51.9	77.9#

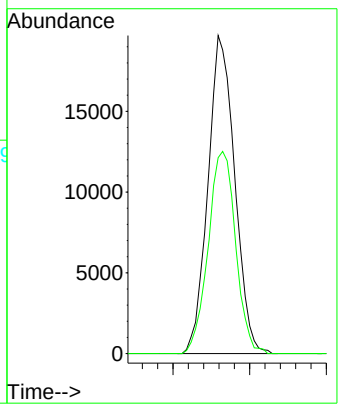


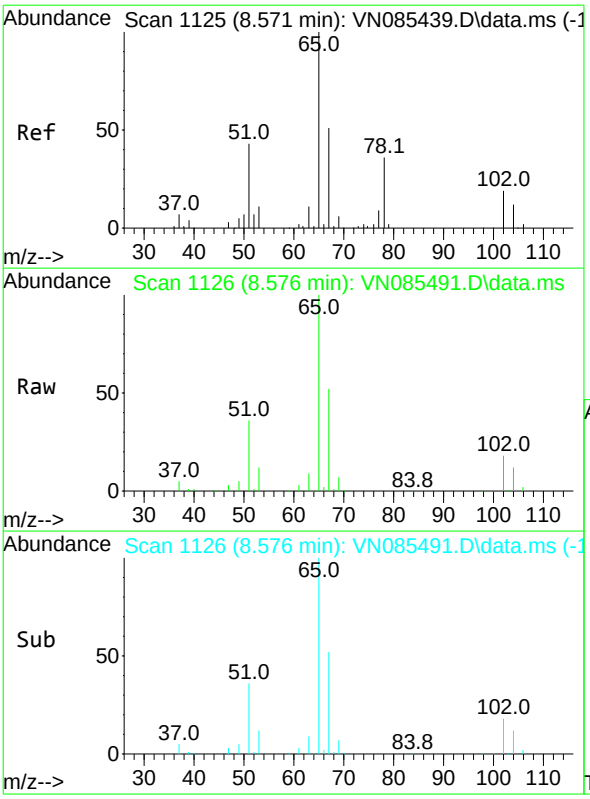


#30
Chloroform
Concen: 10.921 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VN085491.D
Acq: 17 Jan 2025 14:00

Tgt Ion: 83 Resp: 47734

Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.8	77.6



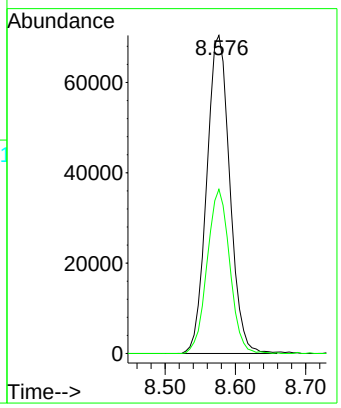


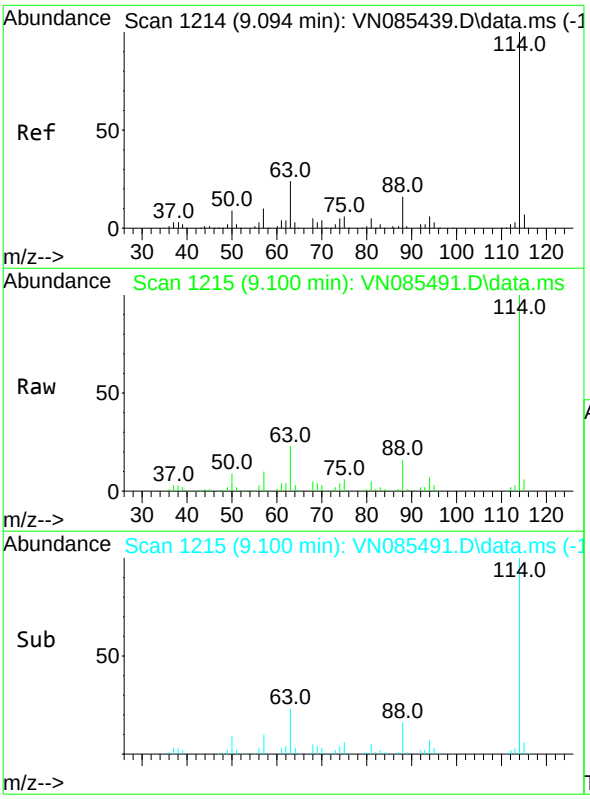
#33
1,2-Dichloroethane-d4
Concen: 55.336 ug/l
RT: 8.576 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085491.D
Acq: 17 Jan 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#02

Tgt Ion: 65 Resp: 160274

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.6

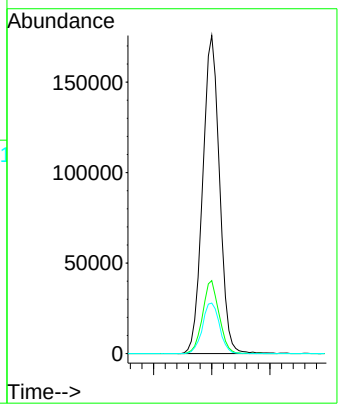


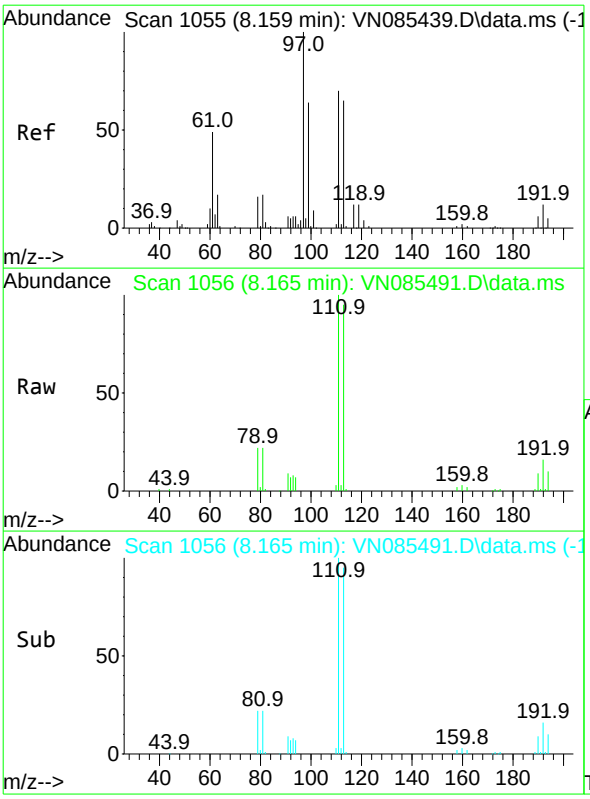


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085491.D
Acq: 17 Jan 2025 14:00

Tgt Ion:114 Resp: 353747

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	47.6
88	15.9	0.0	32.6



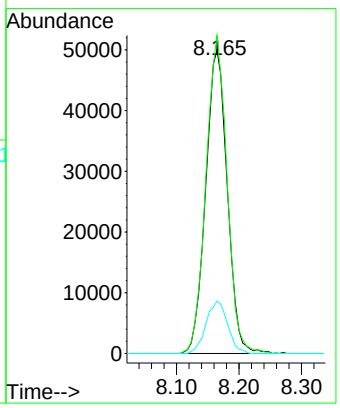


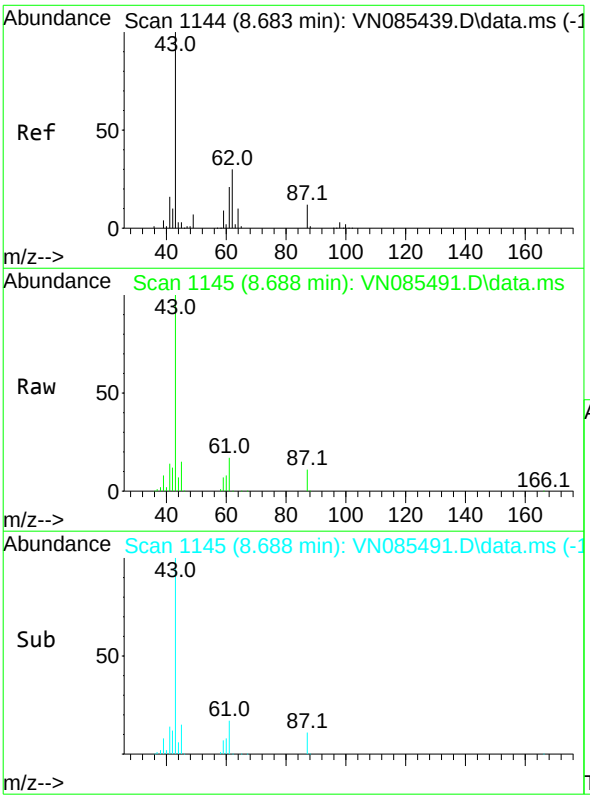
#35
Dibromofluoromethane
Concen: 48.868 ug/l
RT: 8.165 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085491.D
Acq: 17 Jan 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#02

Tgt Ion:113 Resp: 119928

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.7	124.1
192	17.3	14.3	21.5

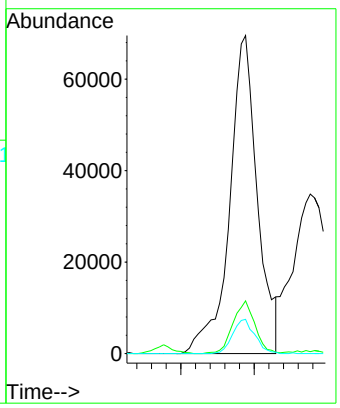


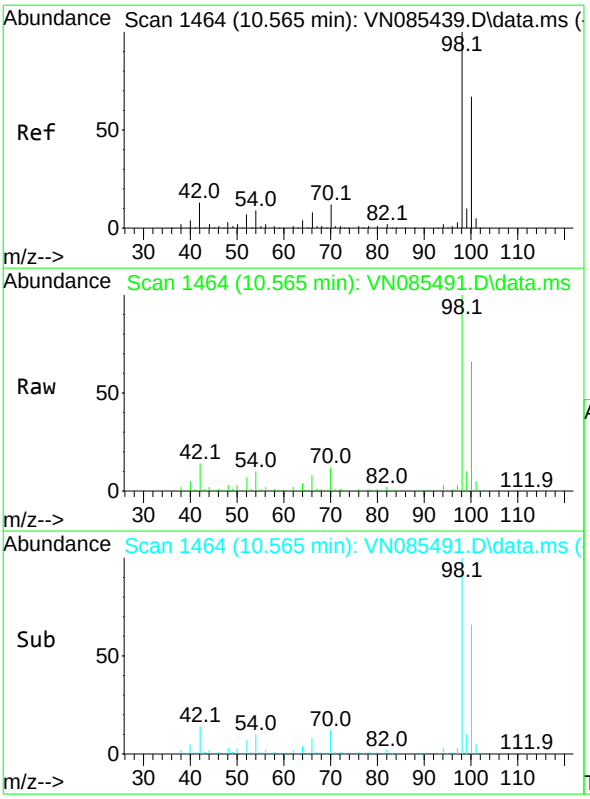


#43
Isopropyl Acetate
Concen: 32.916 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085491.D
Acq: 17 Jan 2025 14:00

Tgt Ion: 43 Resp: 183363

Ion	Ratio	Lower	Upper
43	100		
61	13.2	20.7	31.1#
87	8.5	9.8	14.8#



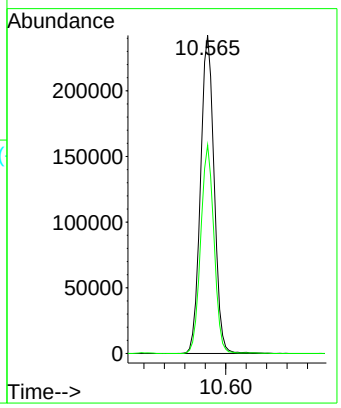


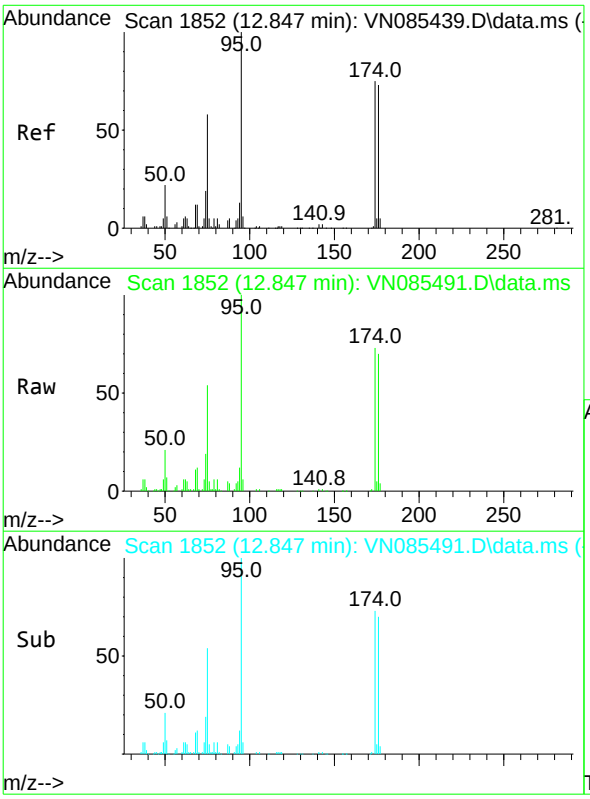
#50
Toluene-d8
Concen: 51.300 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085491.D
Acq: 17 Jan 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#02

Tgt Ion: 98 Resp: 447313

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.2	78.4

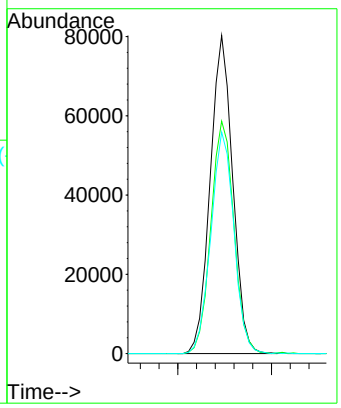


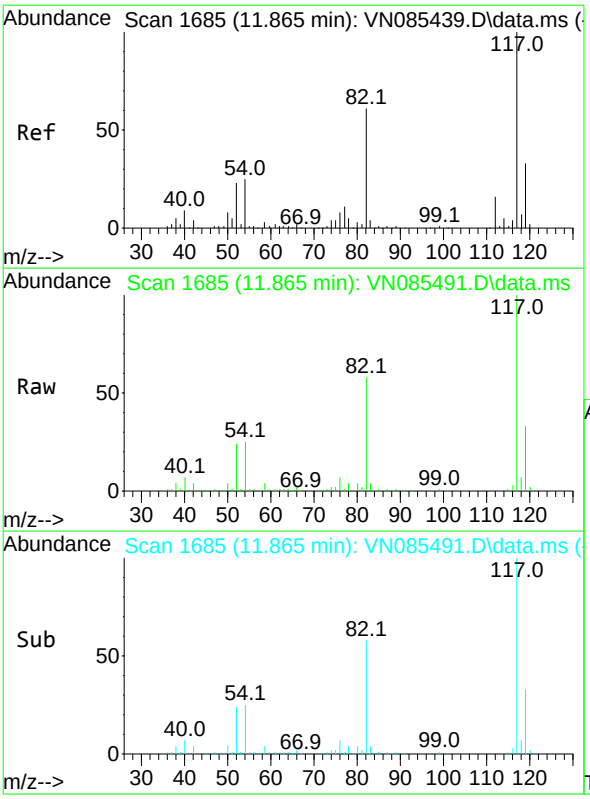


#62
4-Bromofluorobenzene
Concen: 44.897 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085491.D
Acq: 17 Jan 2025 14:00

Tgt Ion: 95 Resp: 133915

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	145.0
176	71.1	0.0	142.4



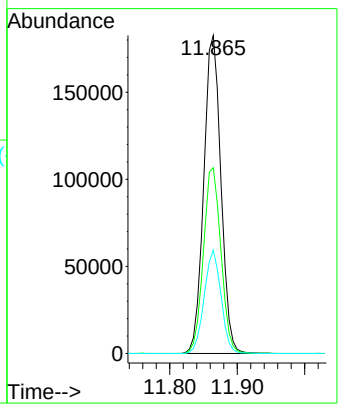


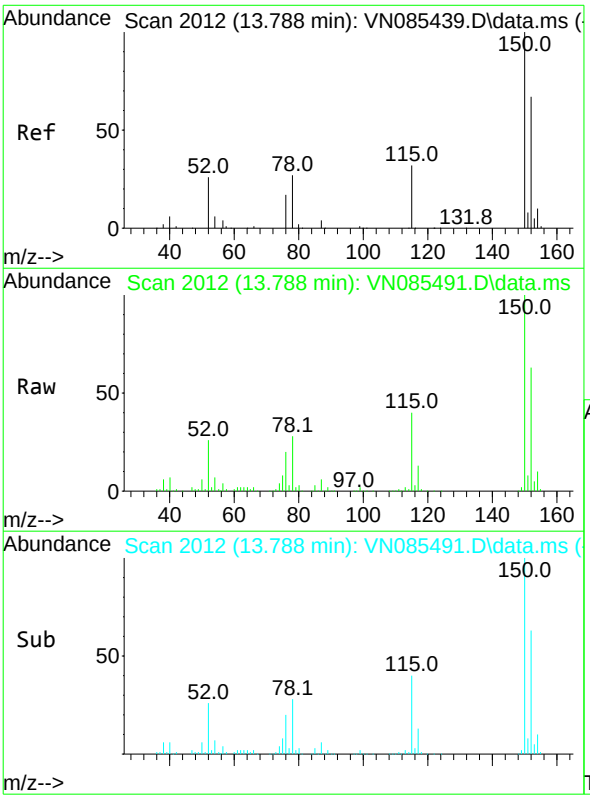
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN085491.D
Acq: 17 Jan 2025 14:00

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#02

Tgt Ion:117 Resp: 322514

Ion	Ratio	Lower	Upper
117	100		
82	58.4	48.6	72.8
119	32.5	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: VN085491.D
Acq: 17 Jan 2025 14:00

Tgt Ion:152 Resp: 117710

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.1	93.3
150	157.5	0.0	343.6