Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
Data File : VN085600.D
Acq On : 31 Jan 2025 14:27
Operator : JC\MD
Sample : PB166357ZHE#05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Quant Time: Jan 31 22:28:46 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	178308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	351666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330047	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	118120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	160892	55.899	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.800%			
35) Dibromofluoromethane	8.165	113	121405	49.762	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.520%			
50) Toluene-d8	10.565	98	447884	51.670	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.340%			
62) 4-Bromofluorobenzene	12.847	95	135902	45.833	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.660%			
Target Compounds						Qvalue
16) Acetone	4.436	43	30691	33.001	ug/l	97
20) Methylene Chloride	5.289	84	4507	1.958	ug/l #	74
30) Chloroform	7.965	83	6839	1.575	ug/l	94
43) Isopropyl Acetate	8.688	43	196762	35.530	ug/l #	82

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

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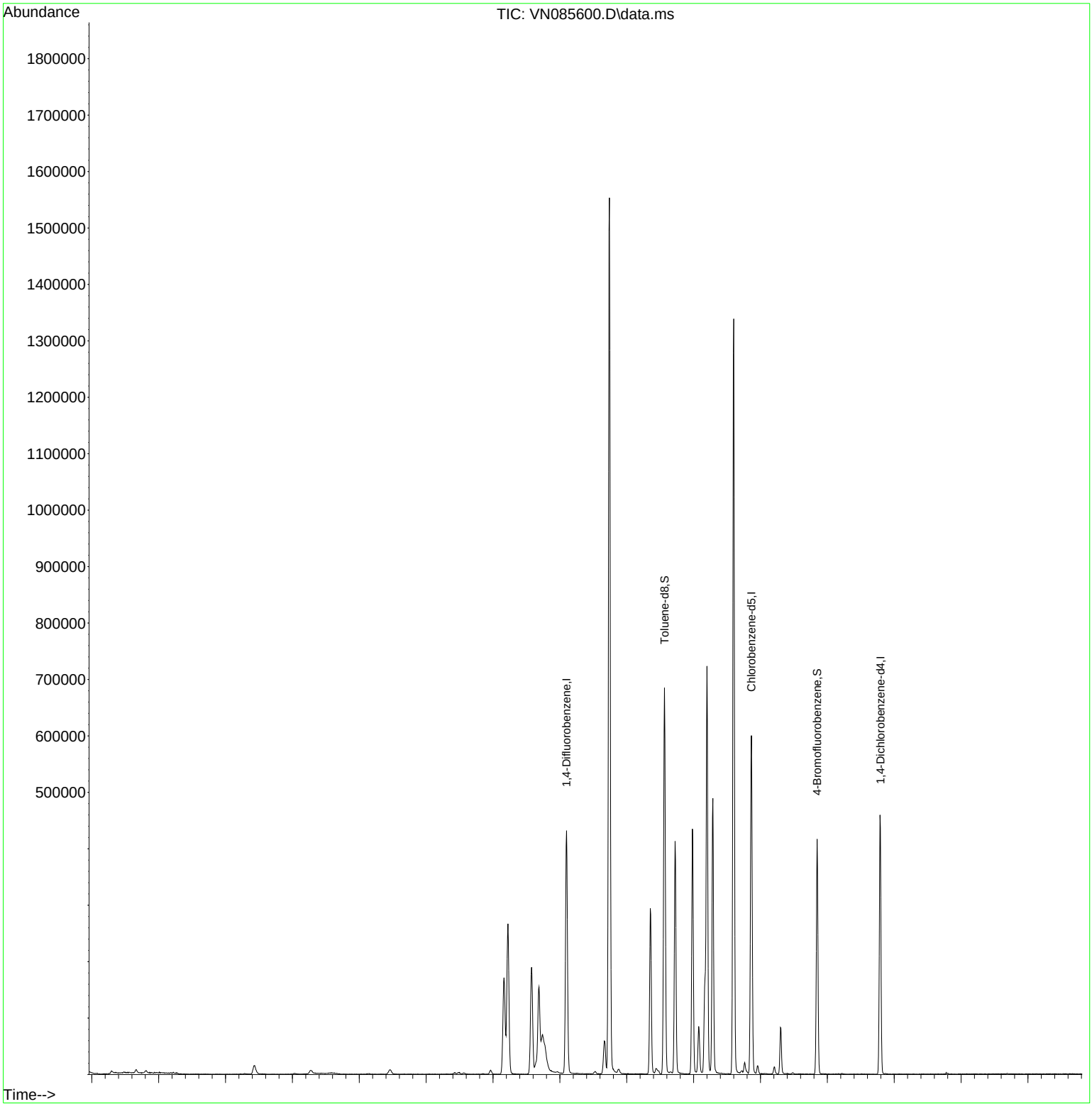
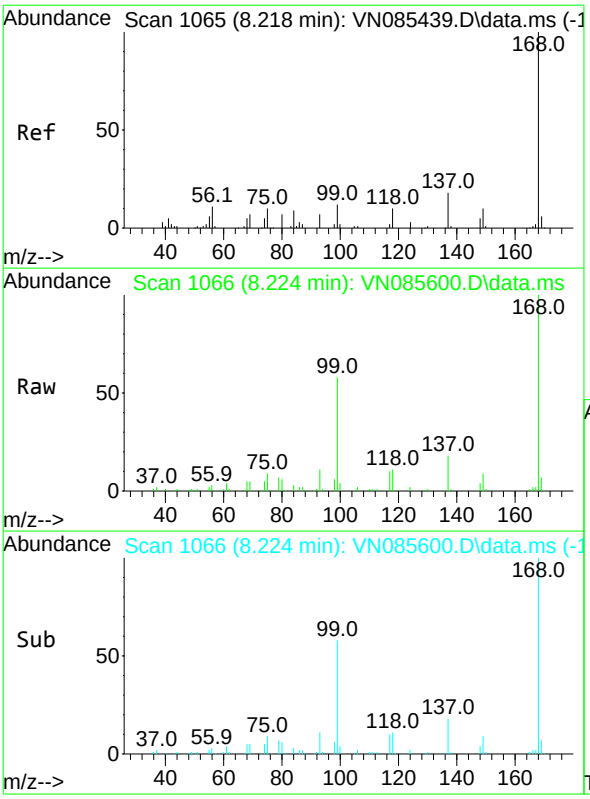


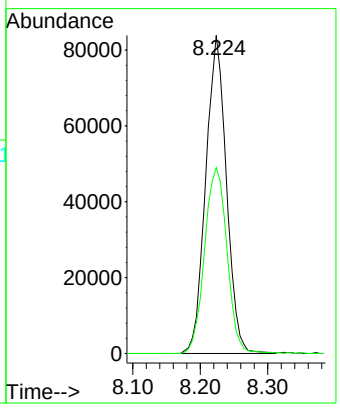


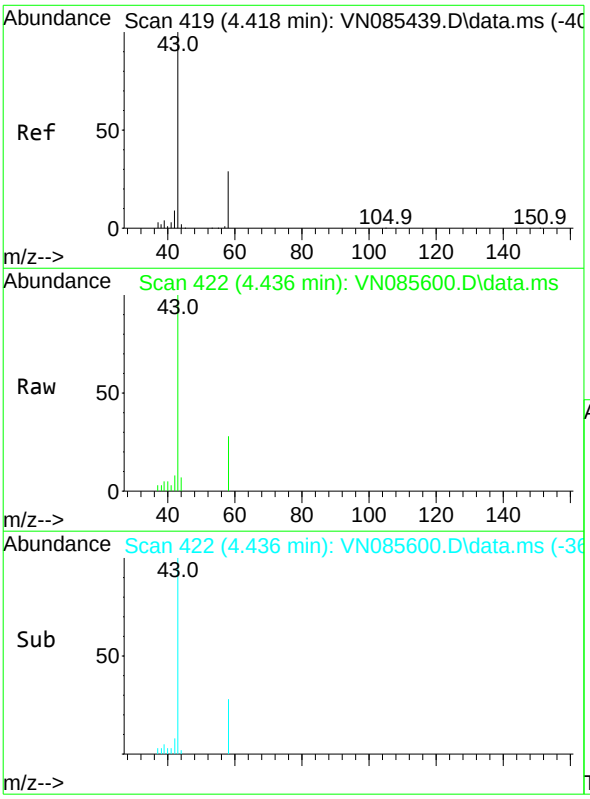
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion:168 Resp: 178308

Ion	Ratio	Lower	Upper
168	100		
99	58.4	53.6	80.4

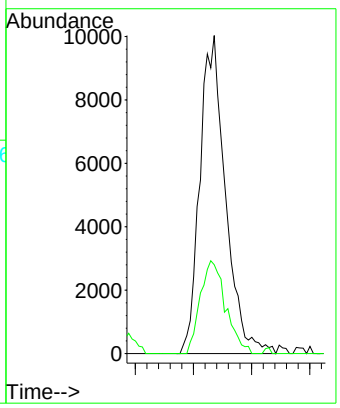


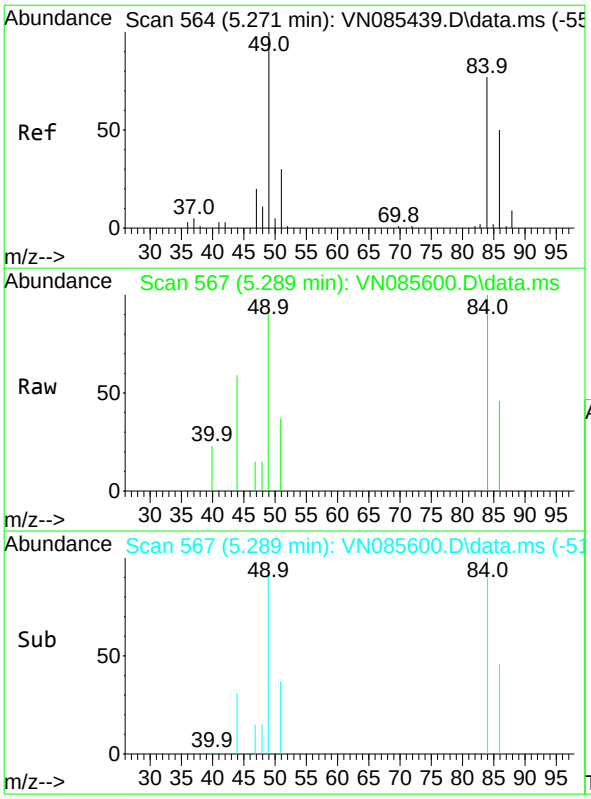


#16
Acetone
Concen: 33.001 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 43 Resp: 30691

Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.8	35.6



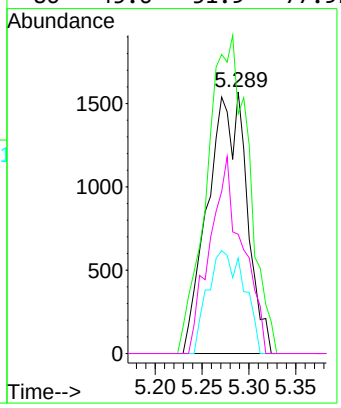


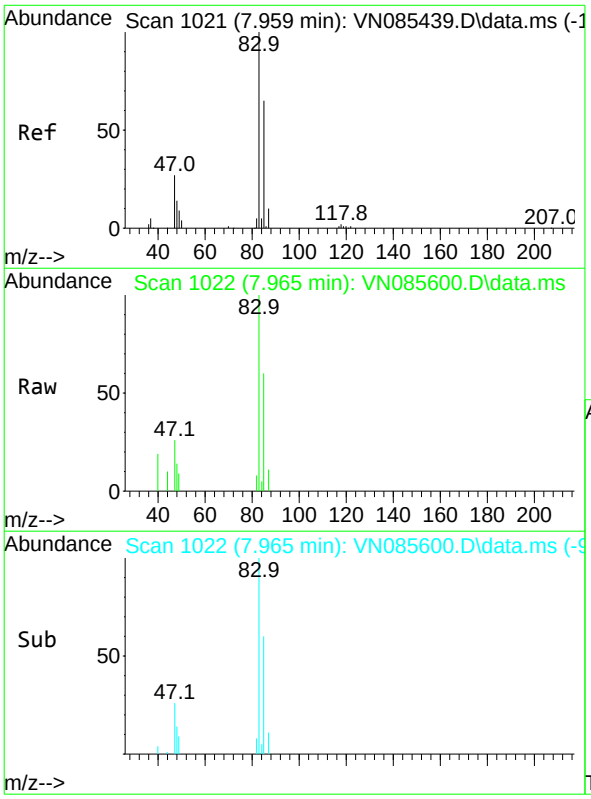
#20
Methylene Chloride
Concen: 1.958 ug/l
RT: 5.289 min Scan# 56
Delta R.T. 0.018 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 84 Resp: 4507

Ion	Ratio	Lower	Upper
84	100		
49	91.7	104.1	156.1#
51	36.6	31.0	46.4
86	45.6	51.9	77.9#

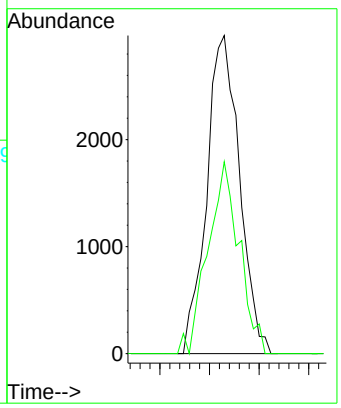


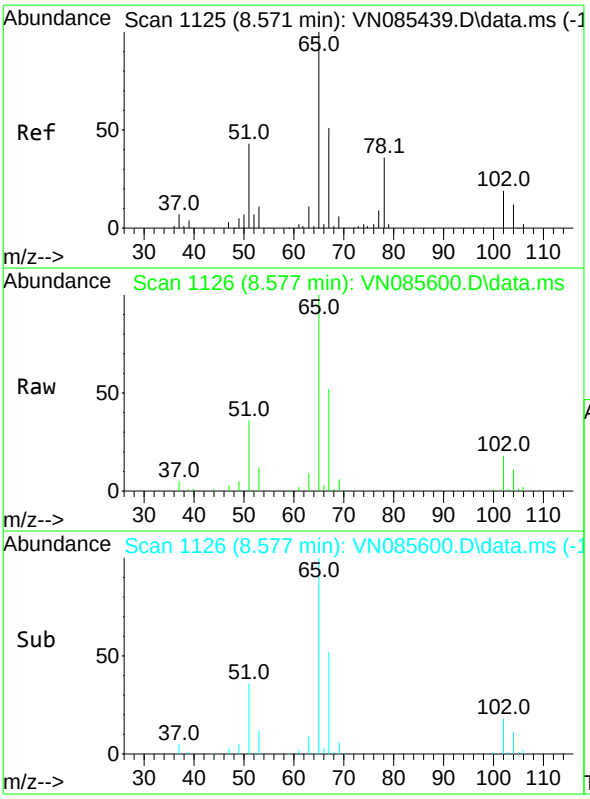


#30
Chloroform
Concen: 1.575 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 83 Resp: 6839

Ion	Ratio	Lower	Upper
83	100		
85	60.3	51.8	77.6



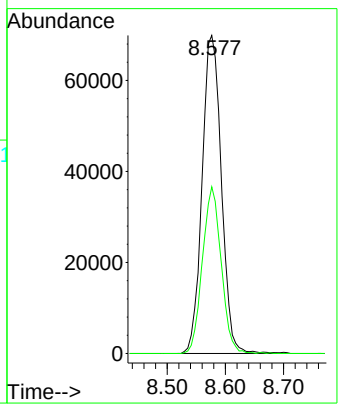


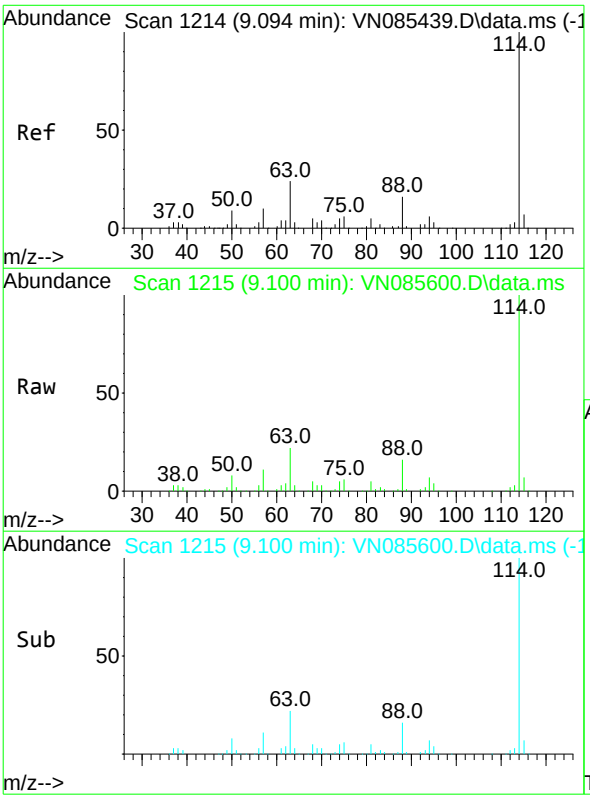
#33
1,2-Dichloroethane-d4
Concen: 55.899 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 65 Resp: 160892

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.6

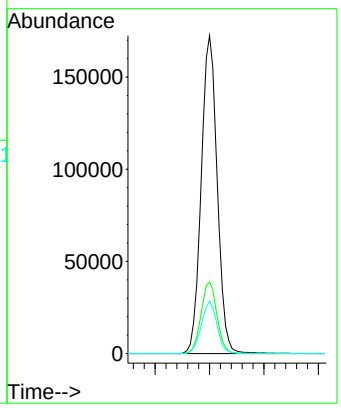


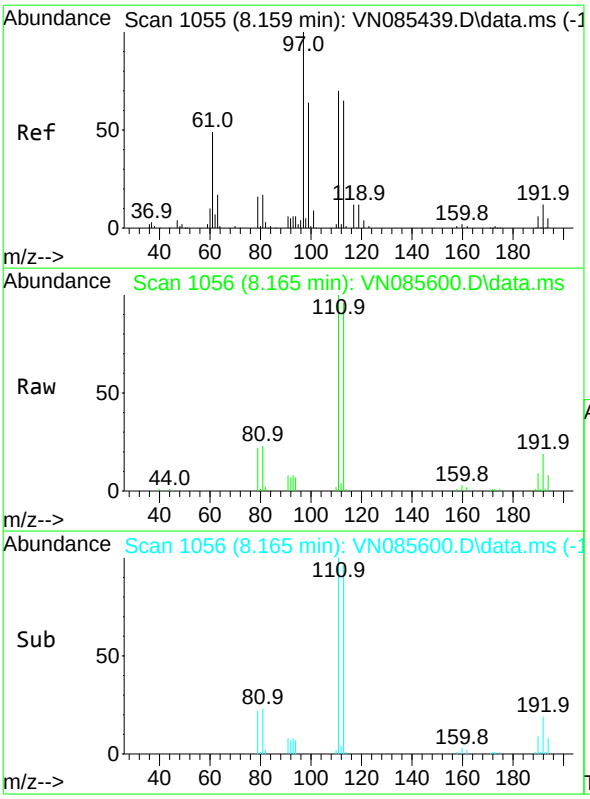


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion:114 Resp: 351666

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	47.6
88	16.5	0.0	32.6



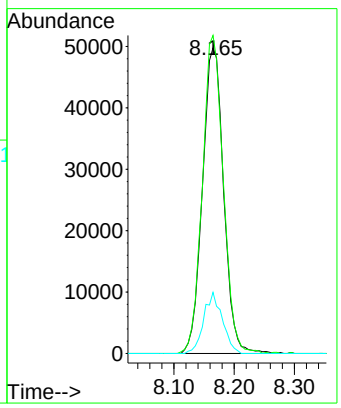


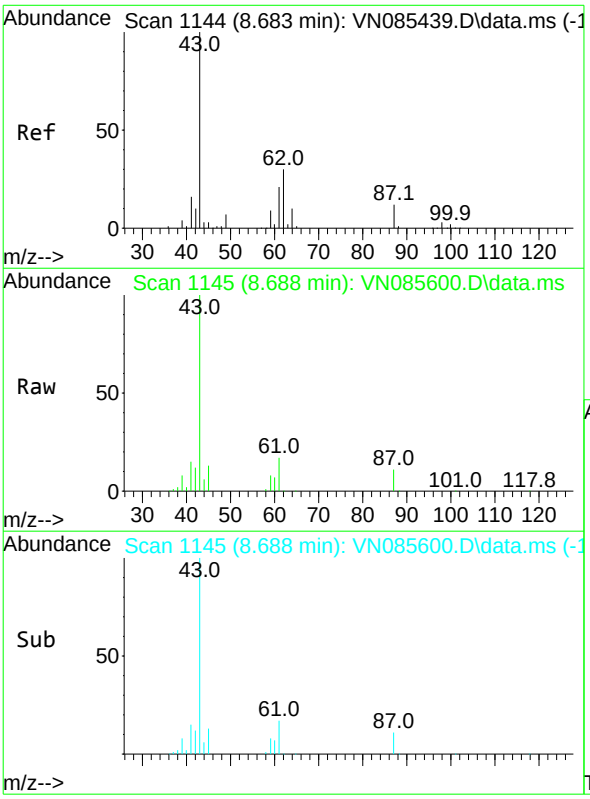
#35
Dibromofluoromethane
Concen: 49.762 ug/l
RT: 8.165 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion:113 Resp: 121405

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	17.6	14.3	21.5

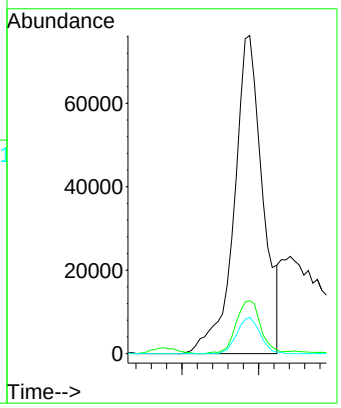


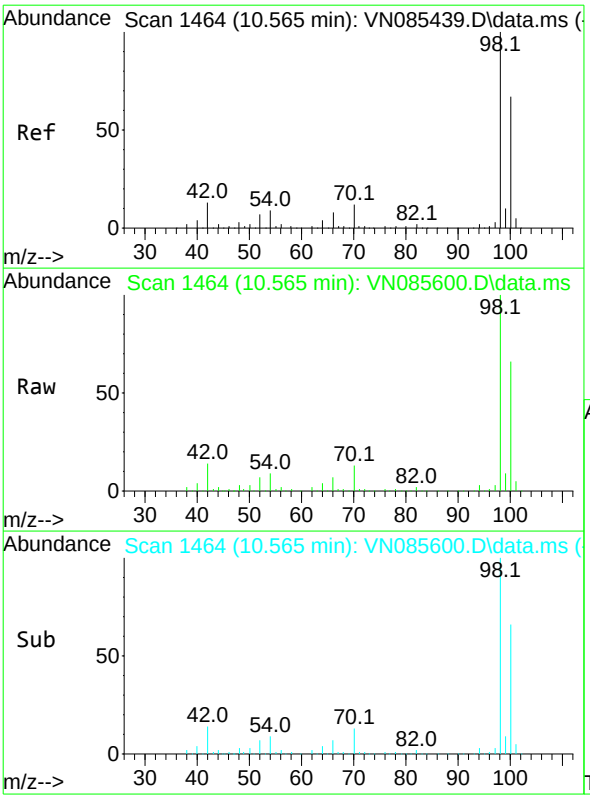


#43
Isopropyl Acetate
Concen: 35.530 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 43 Resp: 196762

Ion	Ratio	Lower	Upper
43	100		
61	14.4	20.7	31.1#
87	9.2	9.8	14.8#



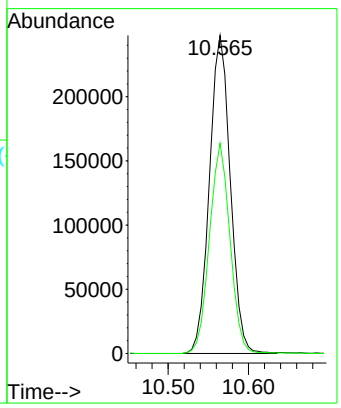


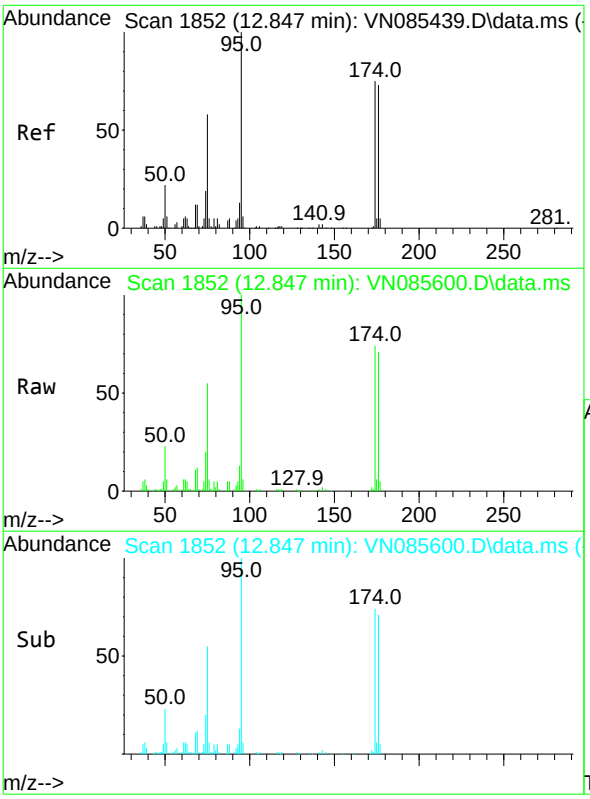
#50
Toluene-d8
Concen: 51.670 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion: 98 Resp: 447884

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4

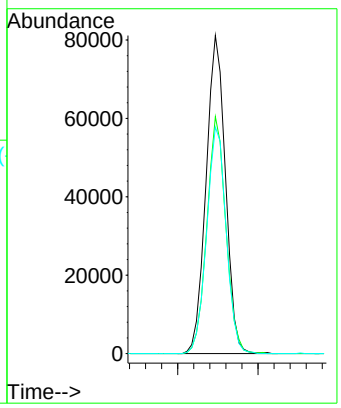


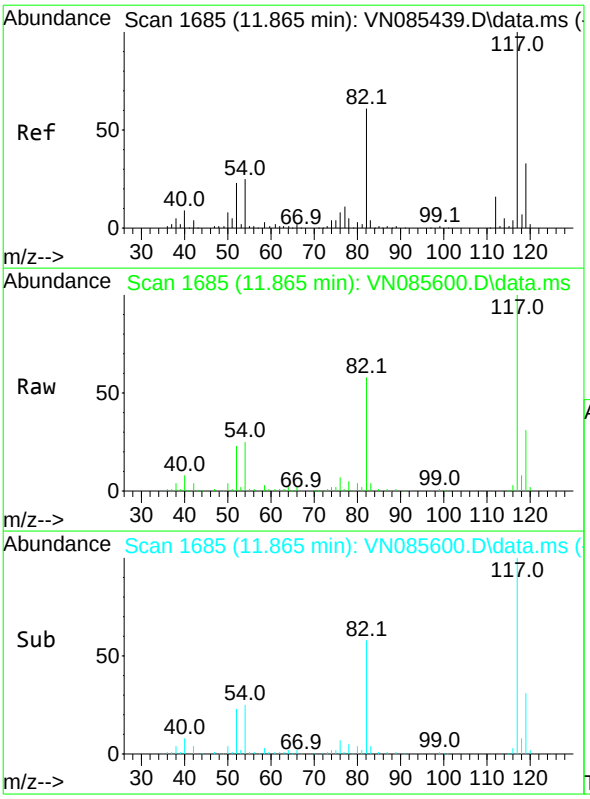


#62
4-Bromofluorobenzene
Concen: 45.833 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion: 95 Resp: 135902

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	145.0
176	71.5	0.0	142.4



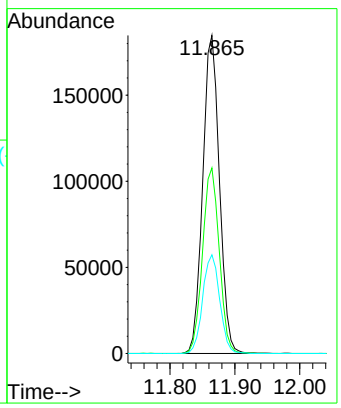


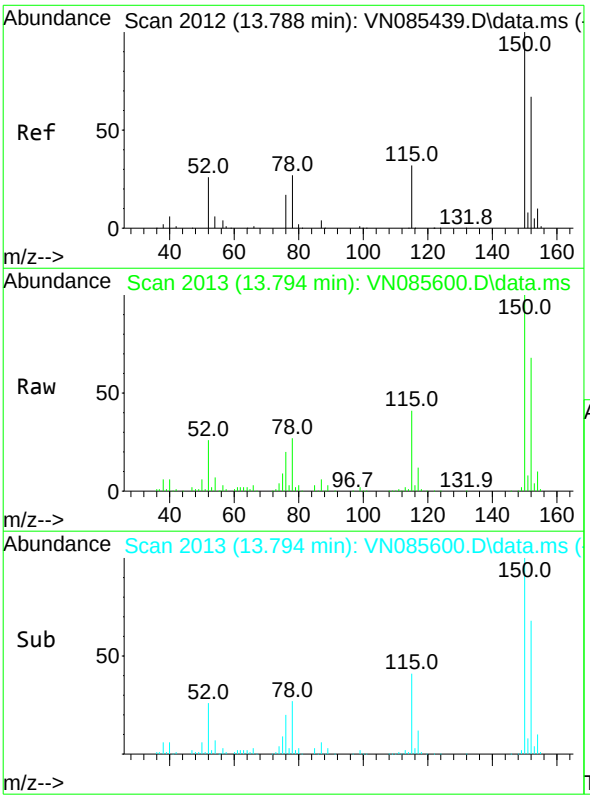
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Instrument :
MSVOA_N
ClientSampleId :
PB166357ZHE#05

Tgt Ion:117 Resp: 330047

Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.6	72.8
119	31.0	26.6	39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085600.D
Acq: 31 Jan 2025 14:27

Tgt Ion:152 Resp: 118120

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.1	93.3
150	156.2	0.0	343.6