Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
Data File : VN085492.D
Acq On : 17 Jan 2025 14:24
Operator : JC\MD
Sample : PB166090ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#03

Quant Time: Jan 17 22:35:37 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	187273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	365406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	166868	55.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.400%			
35) Dibromofluoromethane	8.165	113	121903	48.088	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.180%			
50) Toluene-d8	10.565	98	452140	50.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.400%			
62) 4-Bromofluorobenzene	12.847	95	140205	45.506	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.020%			
Target Compounds						Qvalue
16) Acetone	4.430	43	116318	119.087	ug/l	97
20) Methylene Chloride	5.277	84	2450	1.013	ug/l	95
25) 2-Butanone	7.482	43	11282	7.849	ug/l	96
43) Isopropyl Acetate	8.682	43	222983	38.751	ug/l #	79

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

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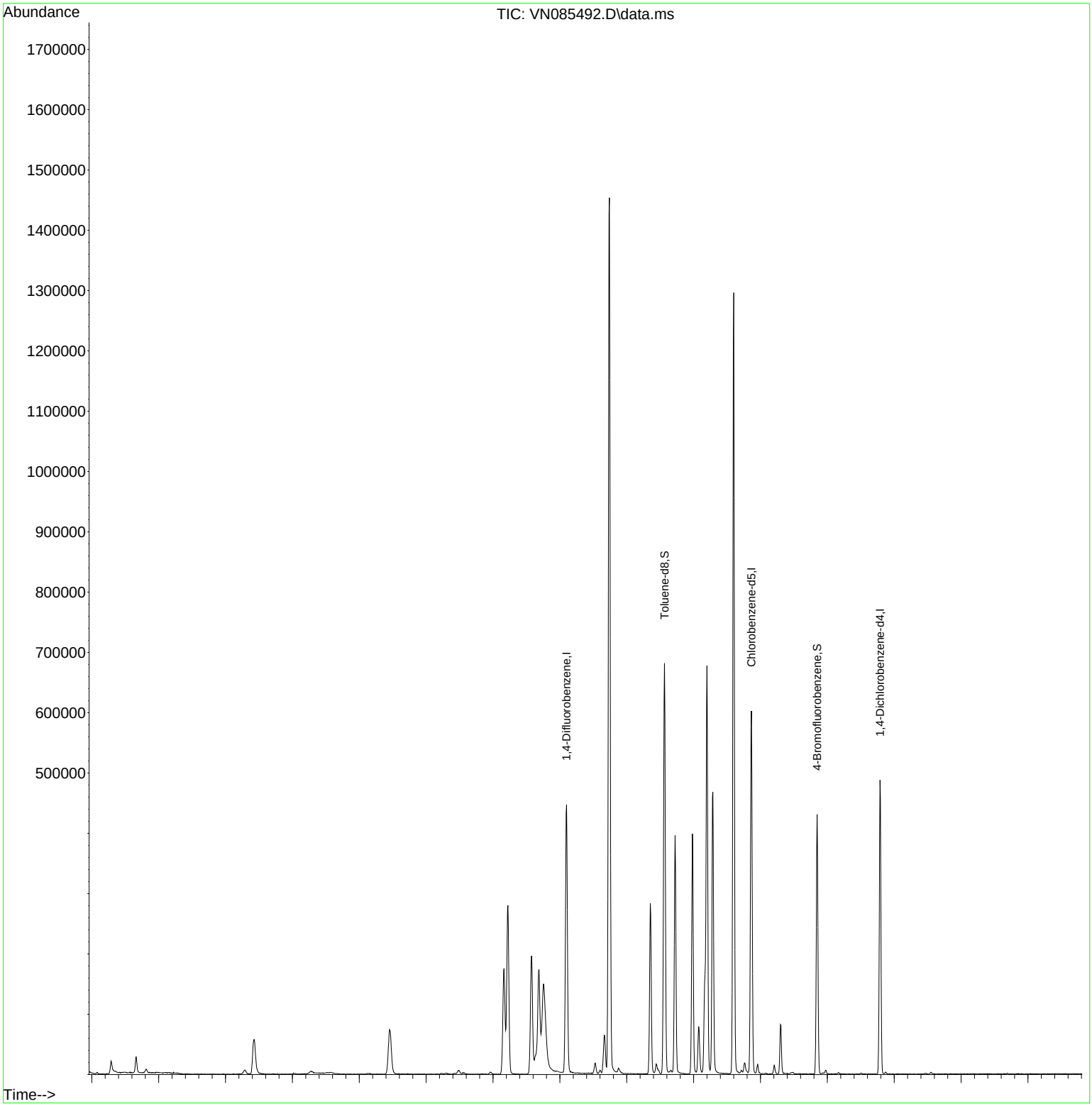
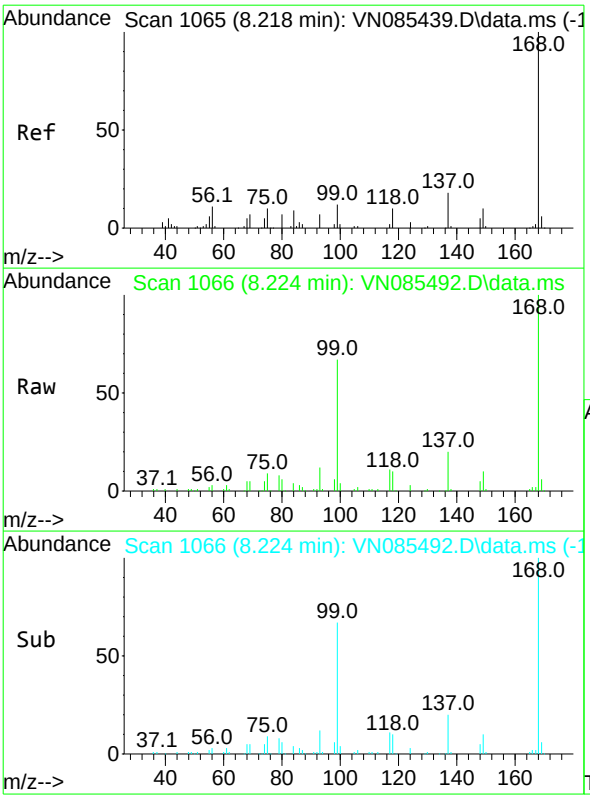


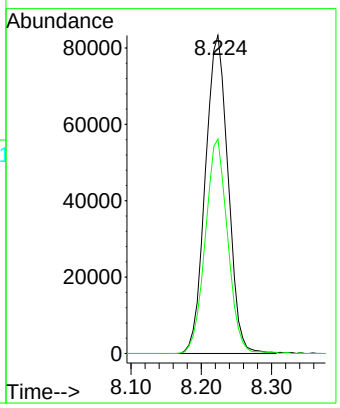


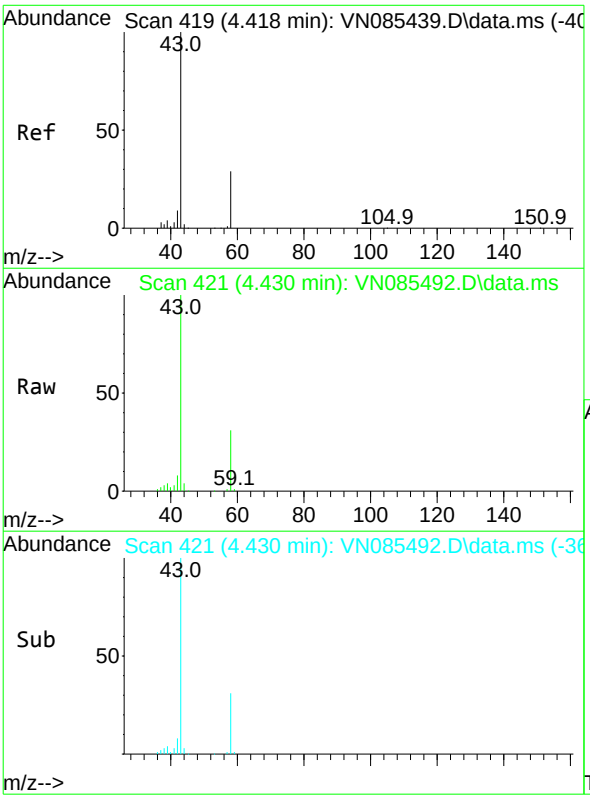
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085492.D
Acq: 17 Jan 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#03

Tgt Ion:168 Resp: 187273

Ion	Ratio	Lower	Upper
168	100		
99	67.5	53.6	80.4

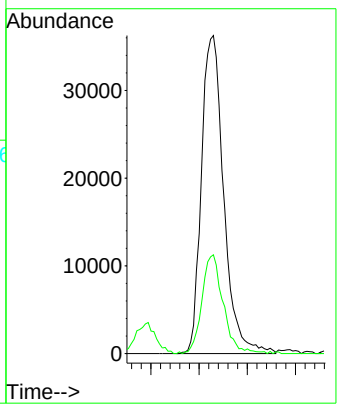


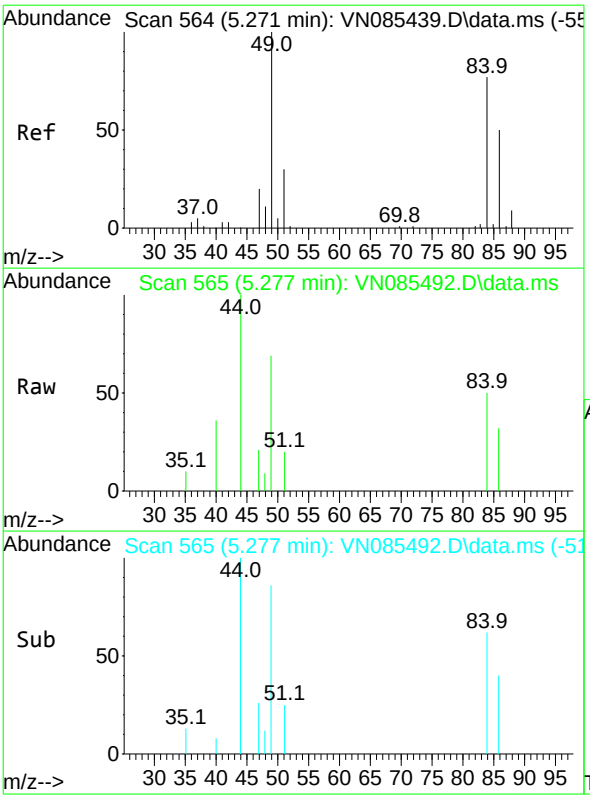


#16
Acetone
Concen: 119.087 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085492.D
Acq: 17 Jan 2025 14:24

Tgt Ion: 43 Resp: 116318

Ion	Ratio	Lower	Upper
43	100		
58	31.1	23.8	35.6



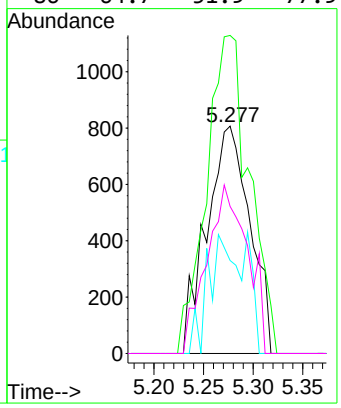


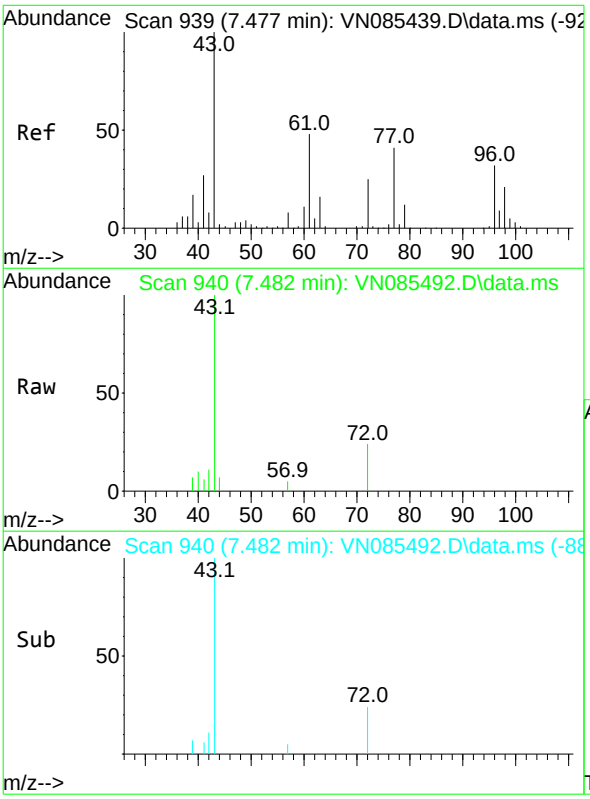
#20
Methylene Chloride
Concen: 1.013 ug/l
RT: 5.277 min Scan# 56
Delta R.T. 0.006 min
Lab File: VN085492.D
Acq: 17 Jan 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#03

Tgt Ion: 84 Resp: 2450

Ion	Ratio	Lower	Upper
84	100		
49	139.9	104.1	156.1
51	40.9	31.0	46.4
86	64.7	51.9	77.9

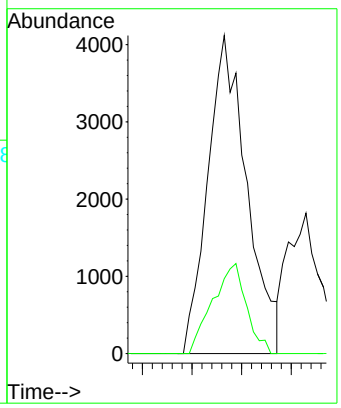


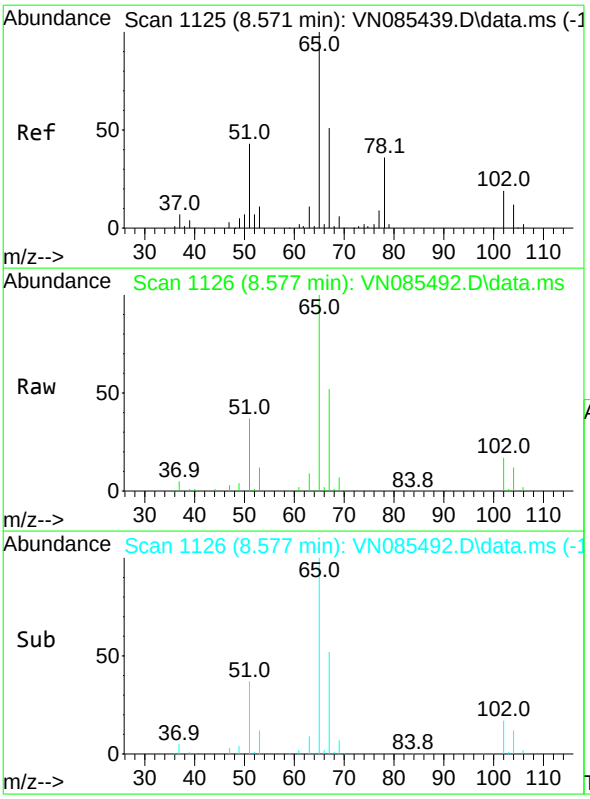


#25
2-Butanone
Concen: 7.849 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085492.D
Acq: 17 Jan 2025 14:24

Tgt Ion: 43 Resp: 11282

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.2	30.4



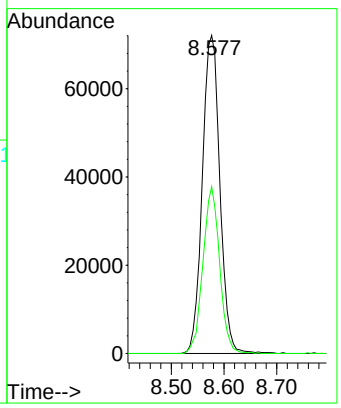


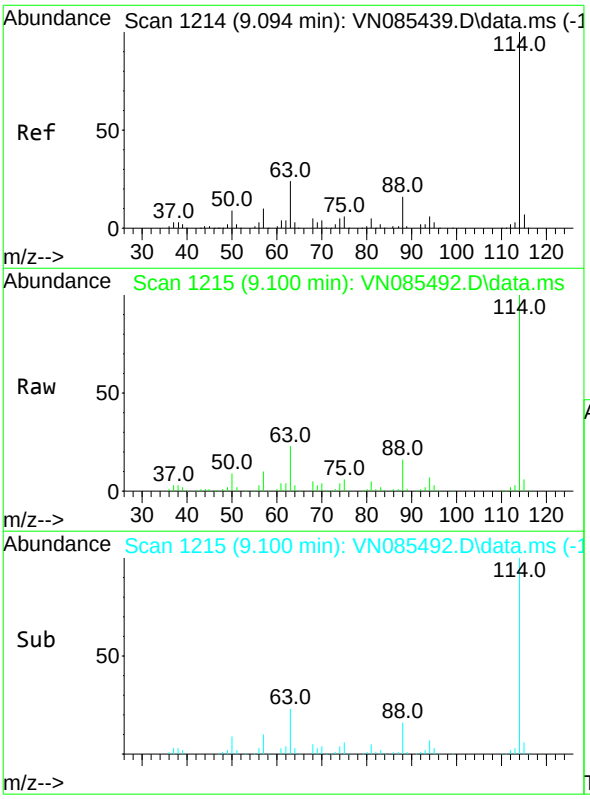
#33
1,2-Dichloroethane-d4
Concen: 55.200 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085492.D
Acq: 17 Jan 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#03

Tgt Ion: 65 Resp: 166868

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	101.6

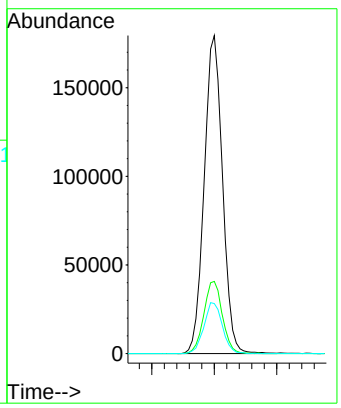


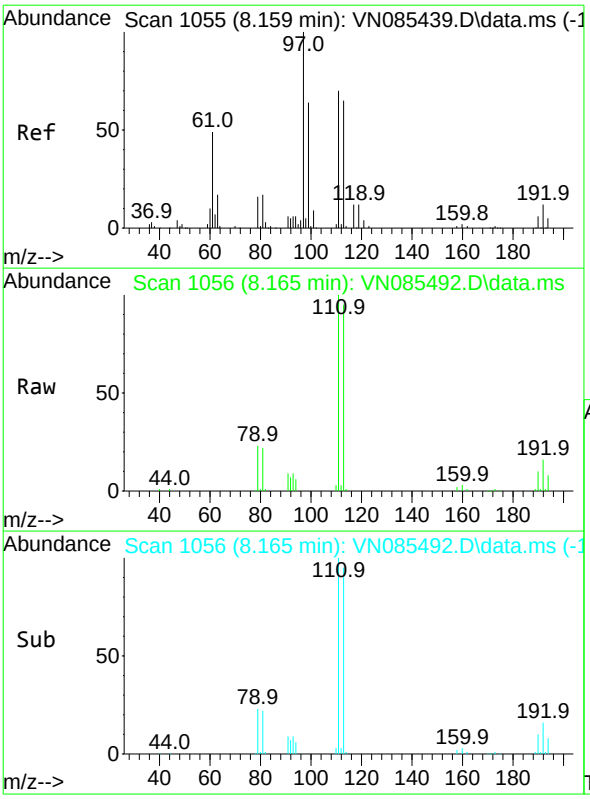


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085492.D
Acq: 17 Jan 2025 14:24

Tgt Ion:114 Resp: 365406

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	47.6
88	15.7	0.0	32.6



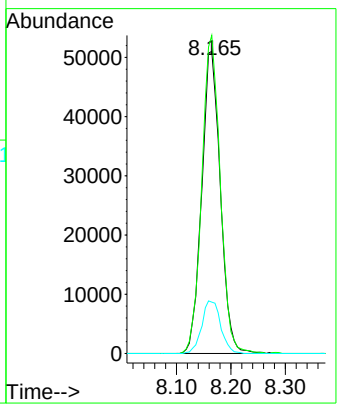


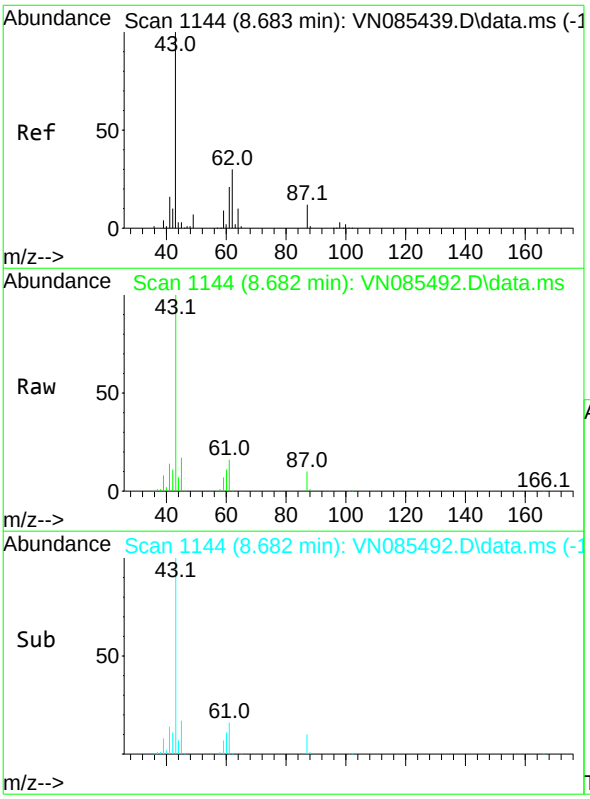
#35
Dibromofluoromethane
Concen: 48.088 ug/l
RT: 8.165 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085492.D
Acq: 17 Jan 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#03

Tgt Ion:113 Resp: 121903

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.7	124.1
192	17.6	14.3	21.5

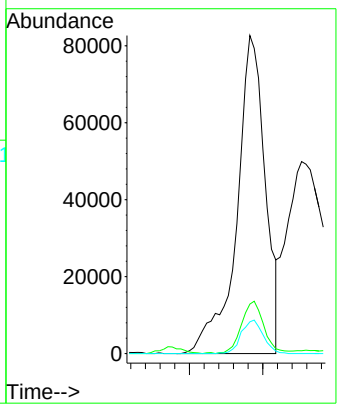


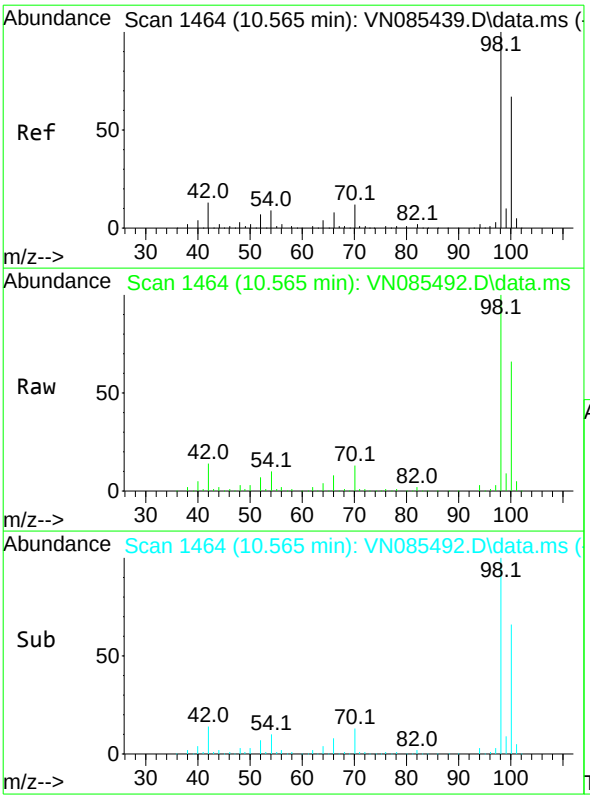


#43
Isopropyl Acetate
Concen: 38.751 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085492.D
Acq: 17 Jan 2025 14:24

Tgt Ion: 43 Resp: 222983

Ion	Ratio	Lower	Upper
43	100		
61	13.0	20.7	31.1#
87	8.1	9.8	14.8#



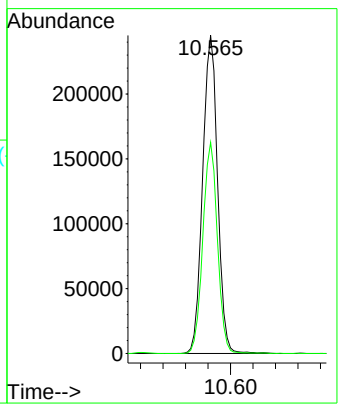


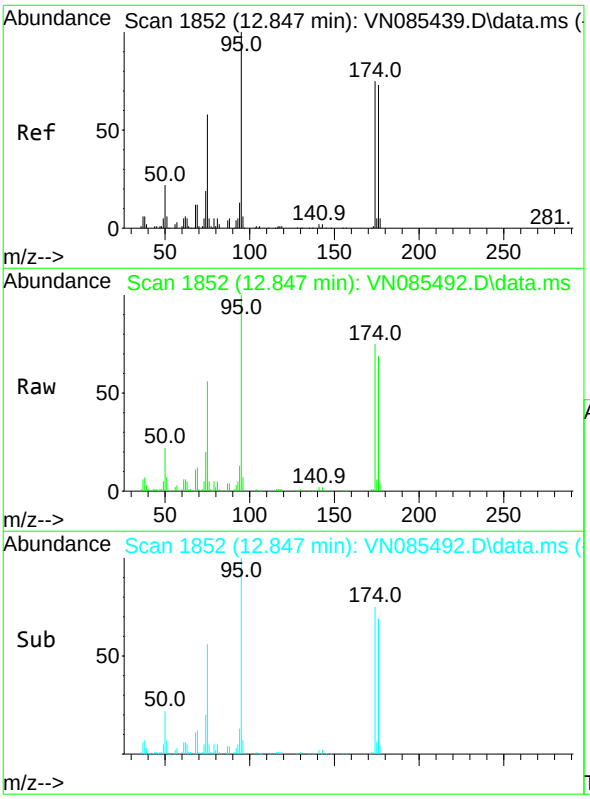
#50
Toluene-d8
Concen: 50.199 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085492.D
Acq: 17 Jan 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#03

Tgt Ion: 98 Resp: 452140

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4

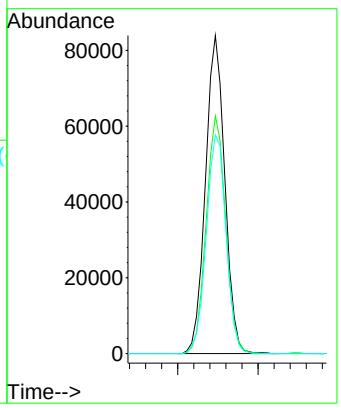


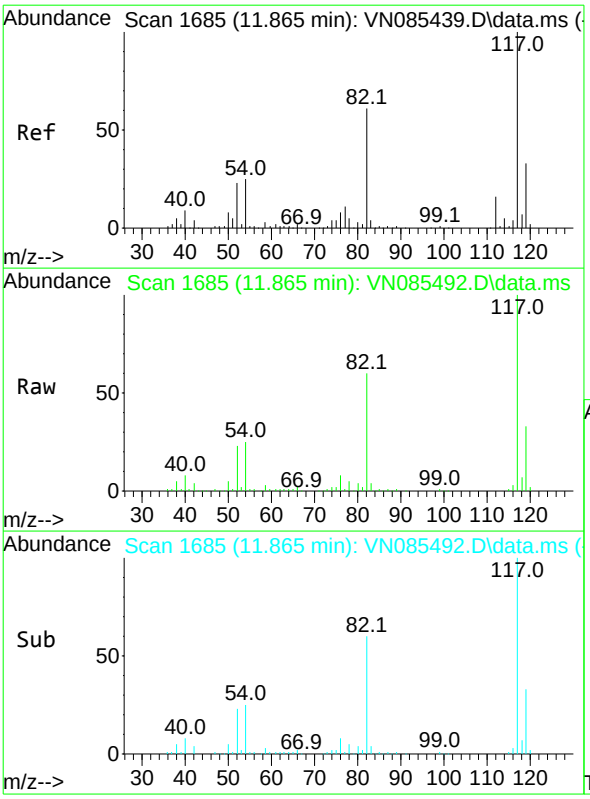


#62
4-Bromofluorobenzene
Concen: 45.506 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085492.D
Acq: 17 Jan 2025 14:24

Tgt Ion: 95 Resp: 140205

Ion	Ratio	Lower	Upper
95	100		
174	75.4	0.0	145.0
176	70.3	0.0	142.4



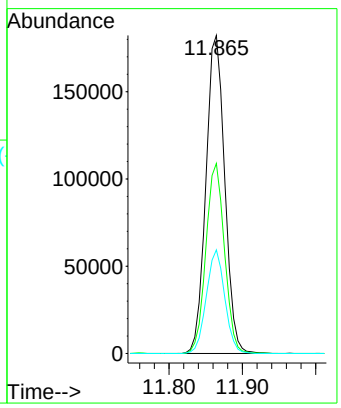


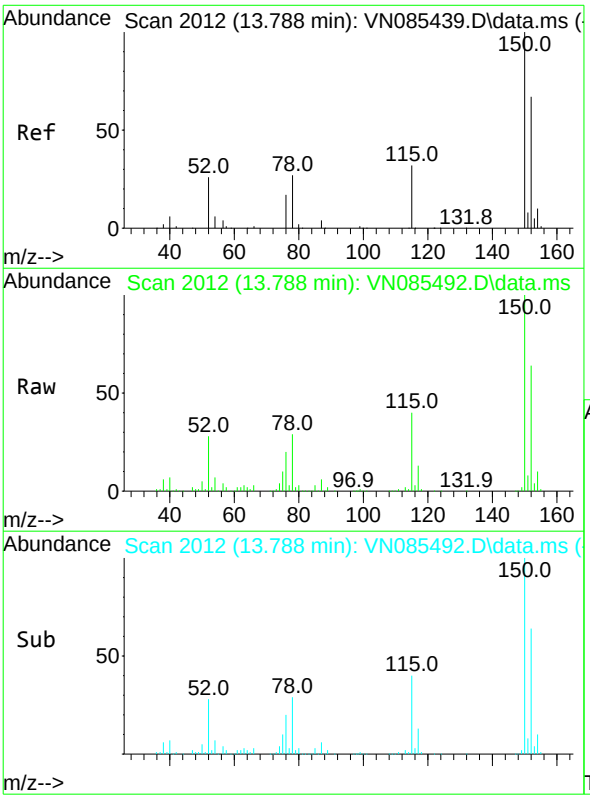
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN085492.D
Acq: 17 Jan 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
PB166090ZHE#03

Tgt Ion:117 Resp: 324540

Ion	Ratio	Lower	Upper
117	100		
82	59.8	48.6	72.8
119	32.6	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: VN085492.D
Acq: 17 Jan 2025 14:24

Tgt Ion:152 Resp: 121820

Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.1	93.3
150	159.3	0.0	343.6