Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051624\
Data File : VN082168.D
Acq On : 16 May 2024 17:42
Operator : JC\MD
Sample : PB160937ZHE#03
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#03

Quant Time: May 17 05:05:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 04:08:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	176038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	319538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	306644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	131086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146149	52.578	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.160%			
35) Dibromofluoromethane	8.165	113	103475	52.642	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.280%			
50) Toluene-d8	10.571	98	415424	55.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.240%			
62) 4-Bromofluorobenzene	12.853	95	141868	52.742	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.480%			
Target Compounds						Qvalue
16) Acetone	4.436	43	27418	24.045	ug/l	98
20) Methylene Chloride	5.277	84	10413	4.526	ug/l #	84
37) Ethyl Acetate	7.565	43	4968	1.347	ug/l #	82
43) Isopropyl Acetate	8.688	43	773769	118.360	ug/l #	60

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

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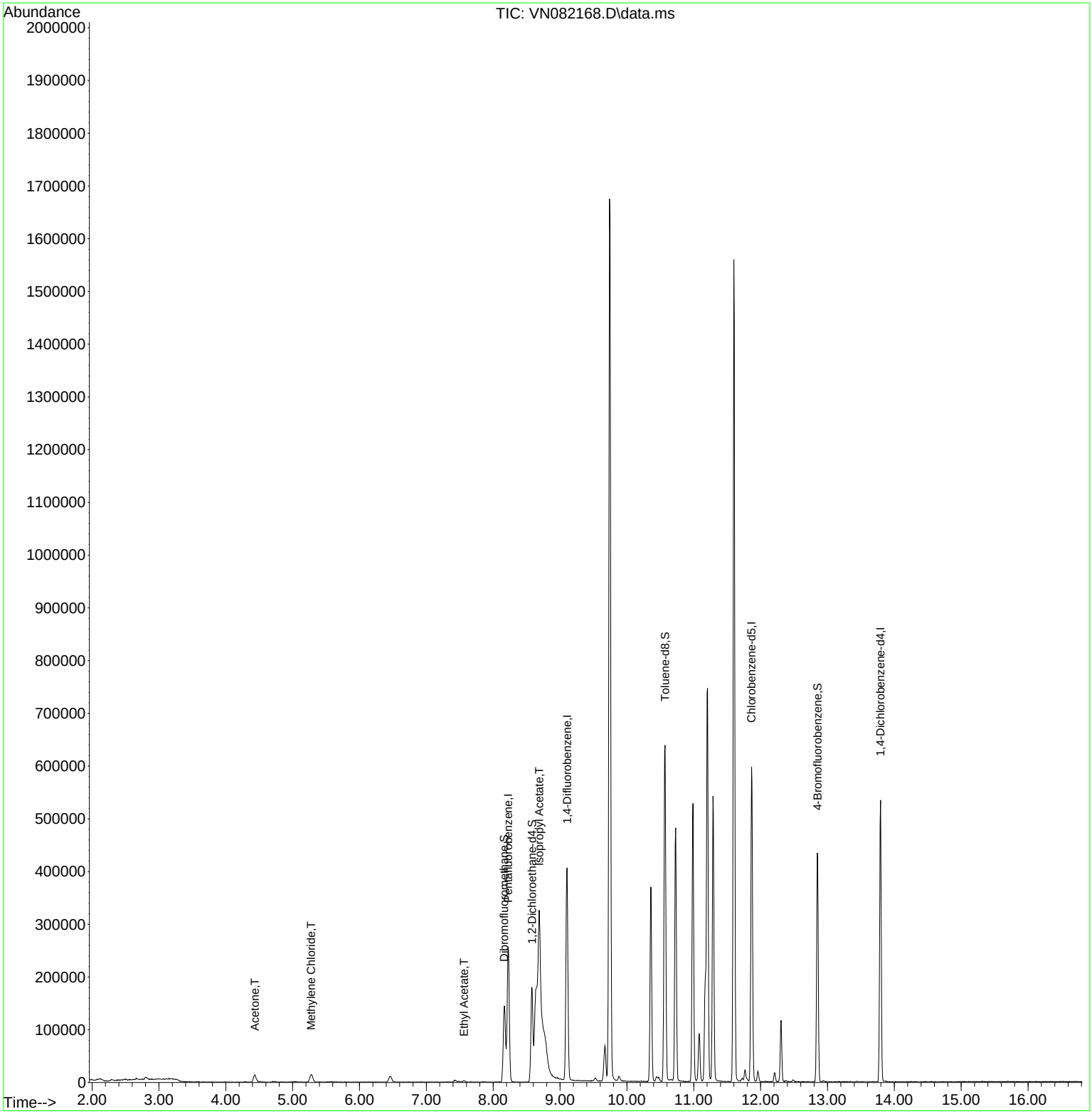
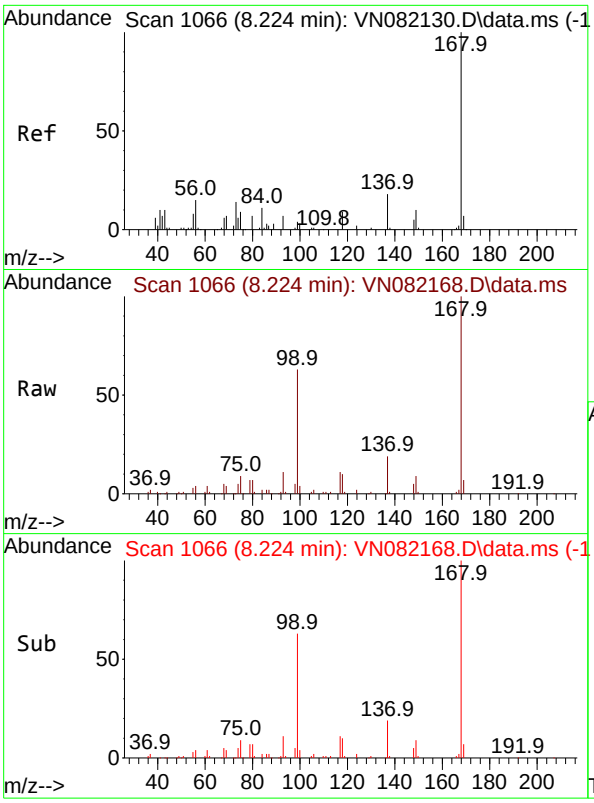


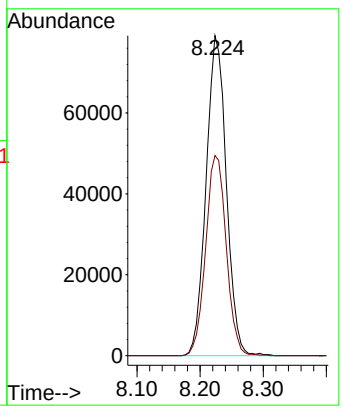


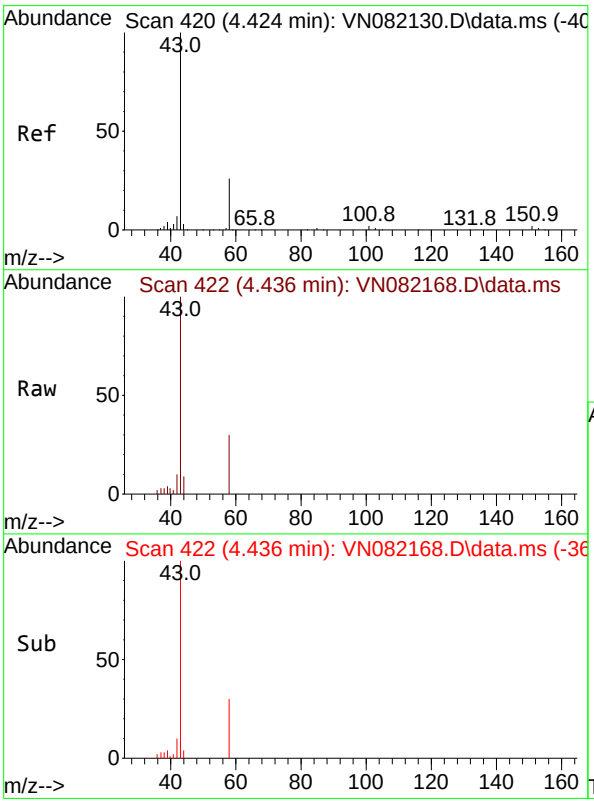
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#03

Tgt Ion:168 Resp: 176038

Ion	Ratio	Lower	Upper
168	100		
99	62.6	48.2	72.4

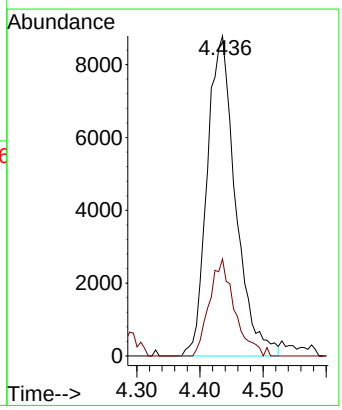


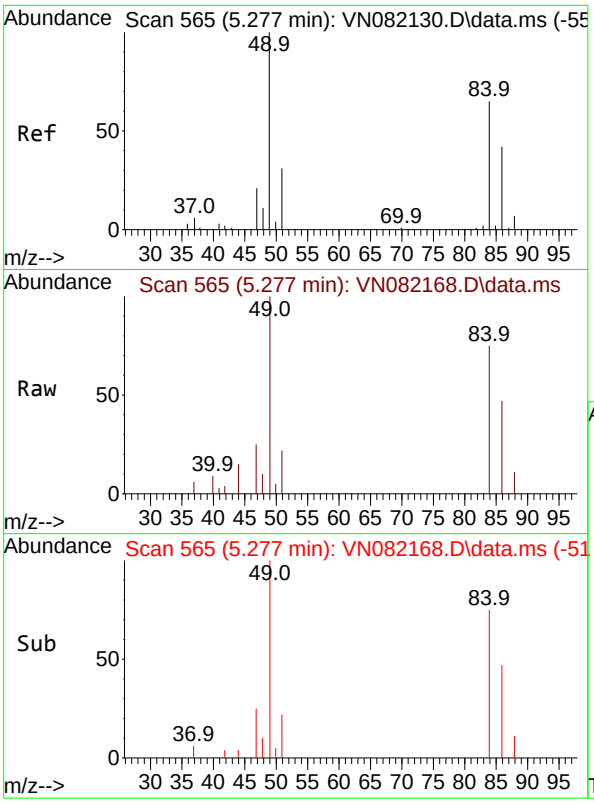


#16
Acetone
Concen: 24.045 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Tgt Ion: 43 Resp: 27418

Ion	Ratio	Lower	Upper
43	100		
58	30.3	25.2	37.8



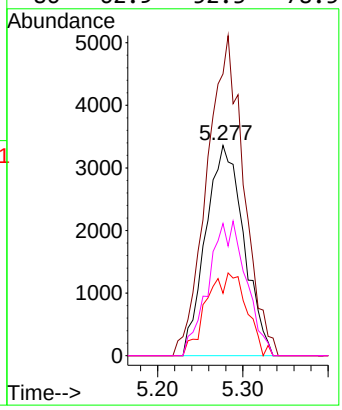


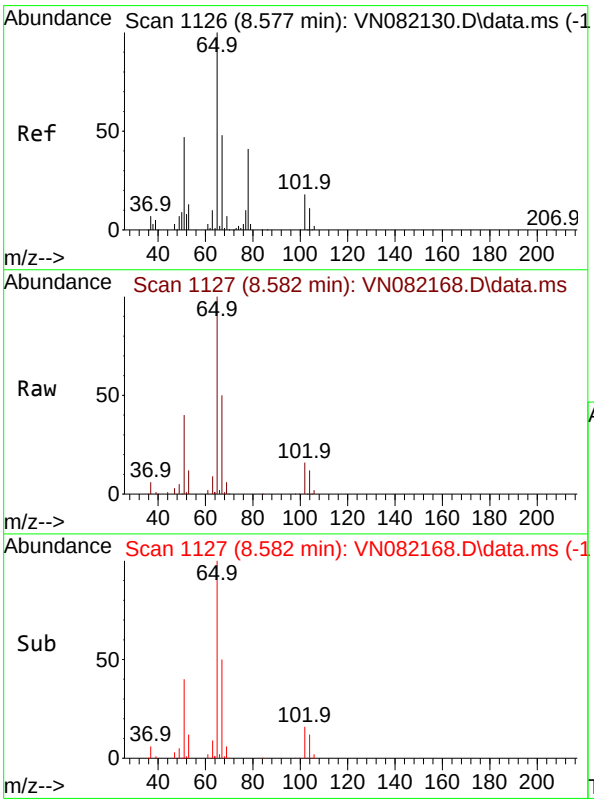
#20
Methylene Chloride
Concen: 4.526 ug/l
RT: 5.277 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#03

Tgt Ion: 84 Resp: 10413

Ion	Ratio	Lower	Upper
84	100		
49	134.0	84.9	127.3#
51	29.7	27.0	40.6
86	62.9	52.3	78.5

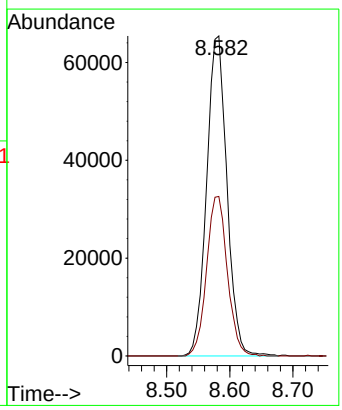


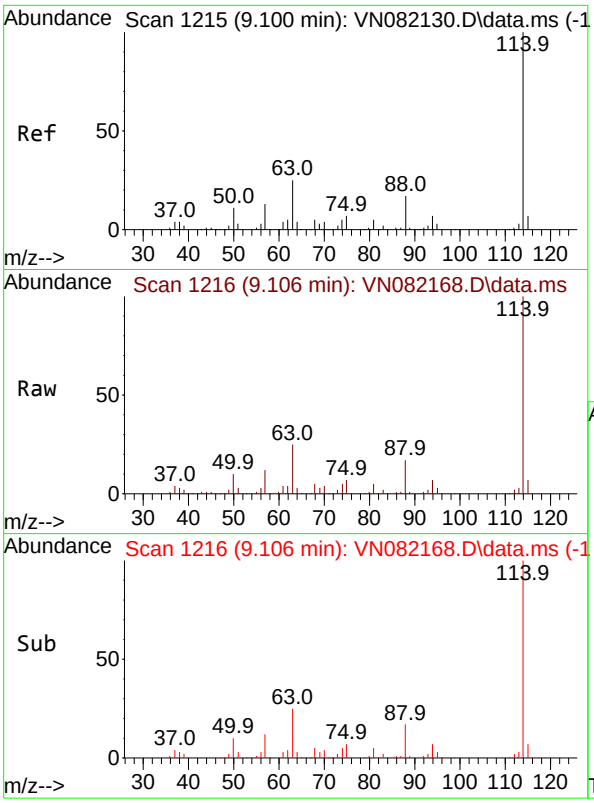


#33
1,2-Dichloroethane-d4
Concen: 52.578 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Tgt Ion: 65 Resp: 146149

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.0



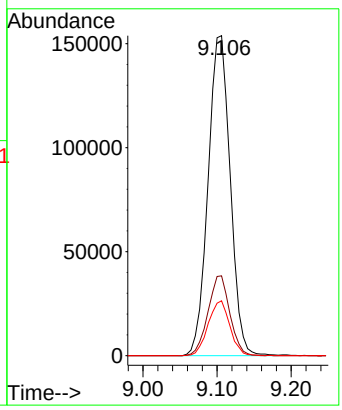


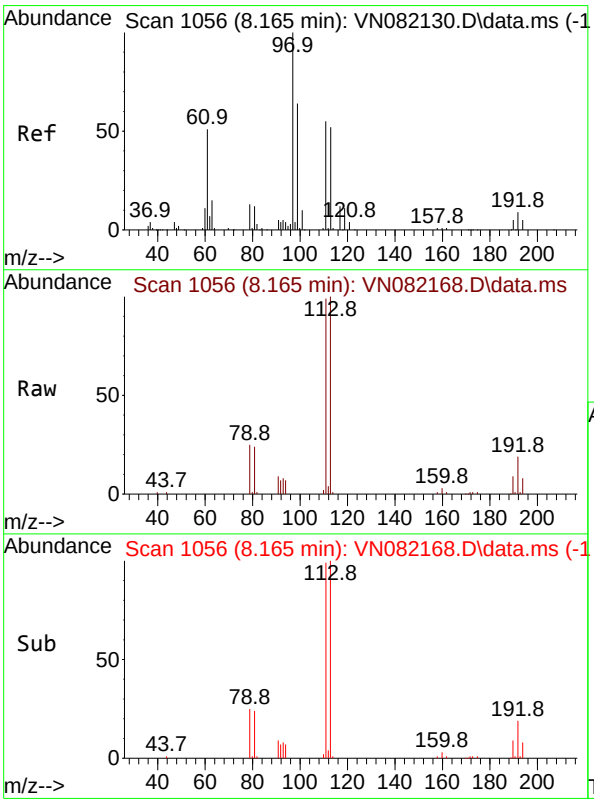
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#03

Tgt Ion:114 Resp: 319538

Ion	Ratio	Lower	Upper
114	100		
63	25.0	0.0	41.0
88	17.2	0.0	31.4

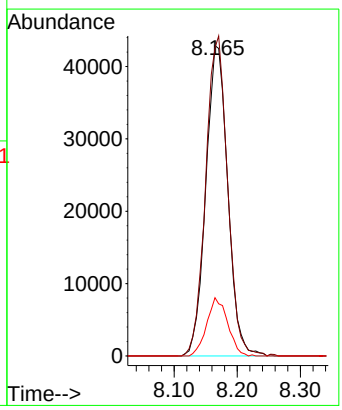


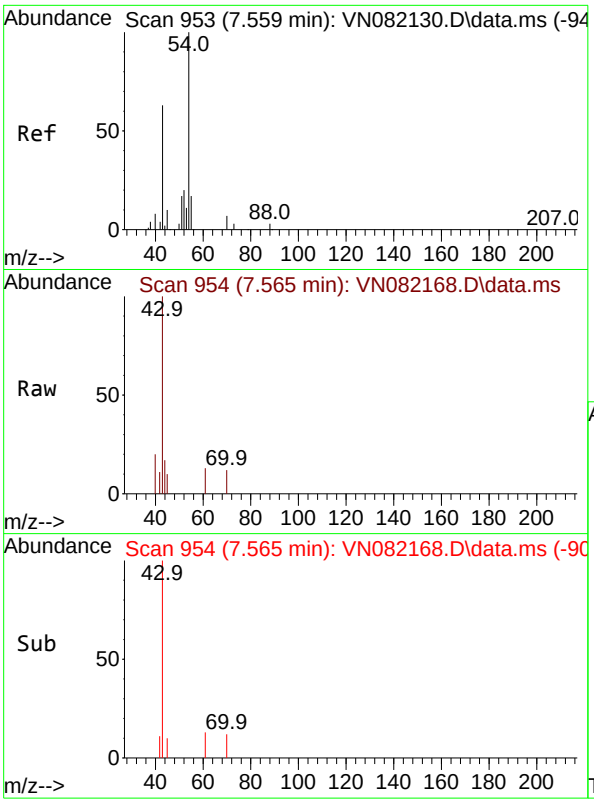


#35
Dibromofluoromethane
Concen: 52.642 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Tgt Ion:113 Resp: 103475

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.2
192	17.9	14.0	21.0



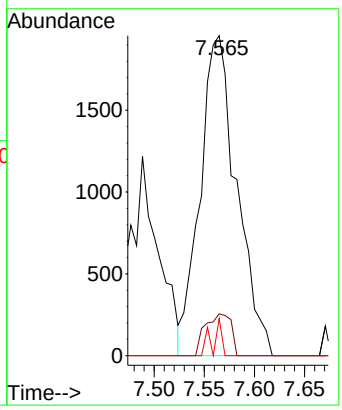


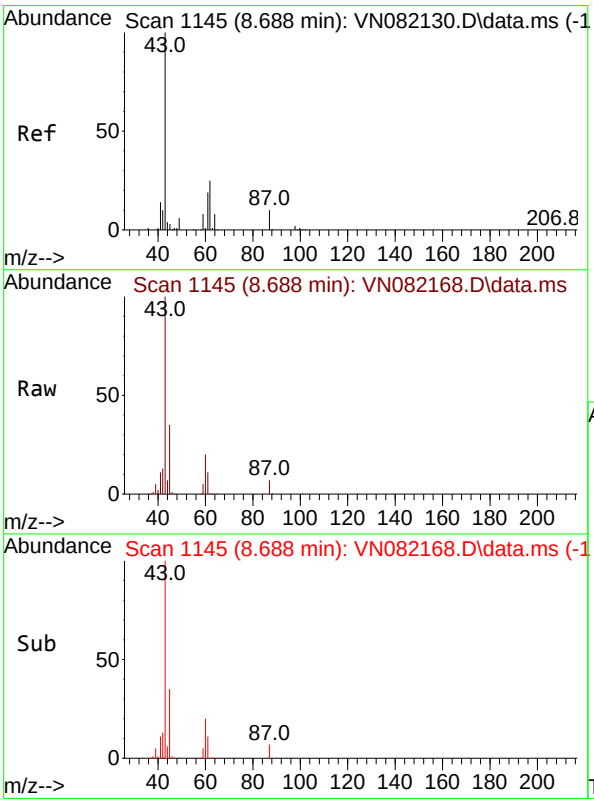
#37
Ethyl Acetate
Concen: 1.347 ug/l
RT: 7.565 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#03

Tgt Ion: 43 Resp: 4968

Ion	Ratio	Lower	Upper
43	100		
61	9.2	11.3	16.9#
70	1.2	8.7	13.1#

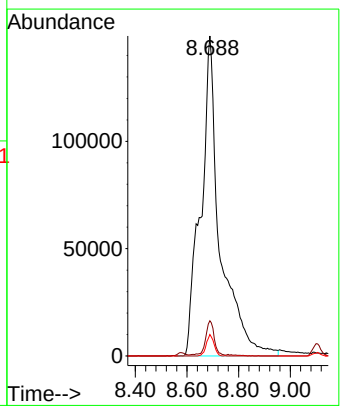


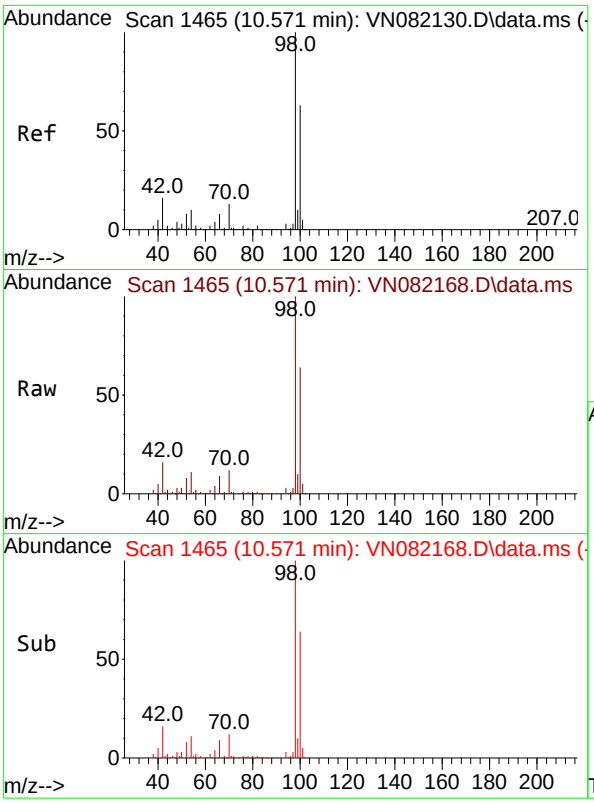


#43
Isopropyl Acetate
Concen: 118.360 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Tgt Ion: 43 Resp: 773769

Ion	Ratio	Lower	Upper
43	100		
61	4.8	22.8	34.2#
87	2.7	12.0	18.0#



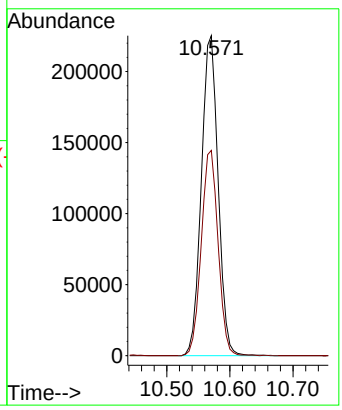


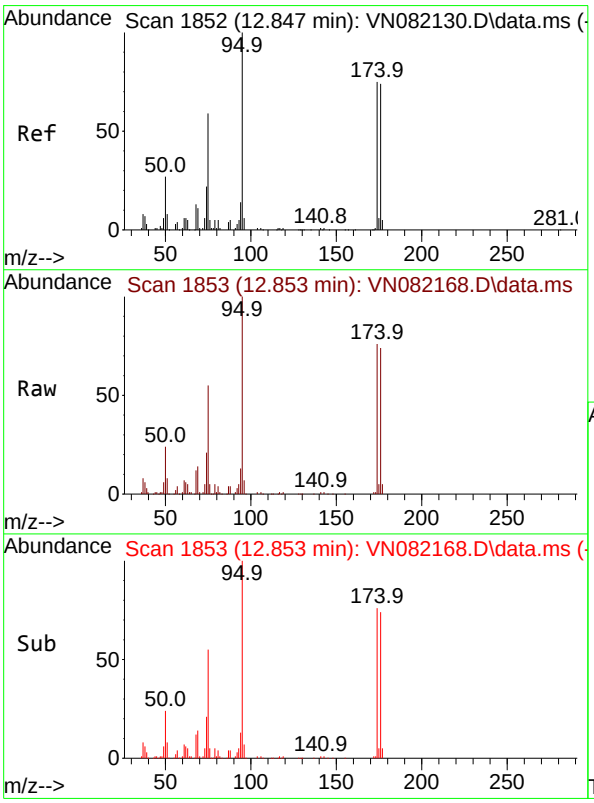
#50
Toluene-d8
Concen: 55.124 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#03

Tgt Ion: 98 Resp: 415424

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.6

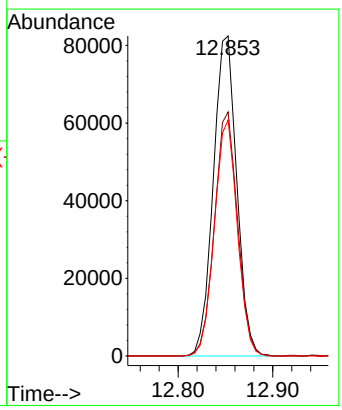


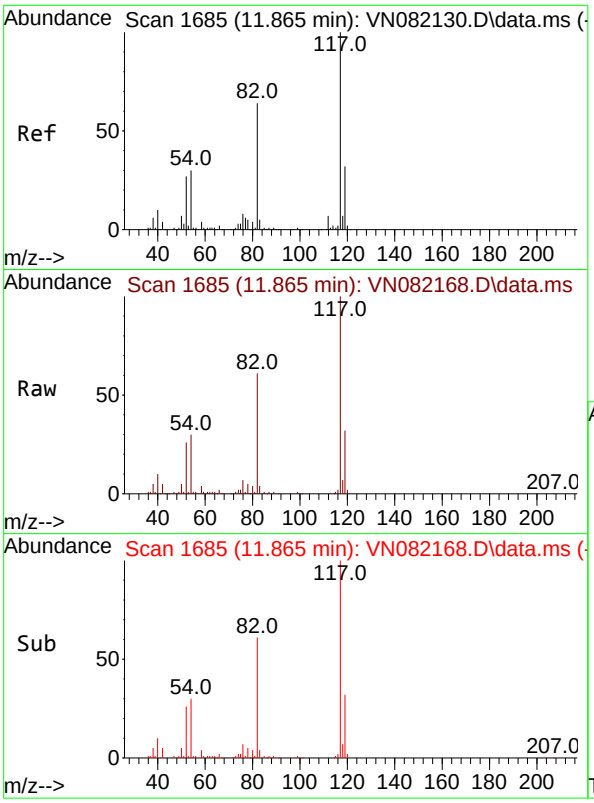


#62
4-Bromofluorobenzene
Concen: 52.742 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Tgt Ion: 95 Resp: 141868

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	160.6
176	71.9	0.0	152.8



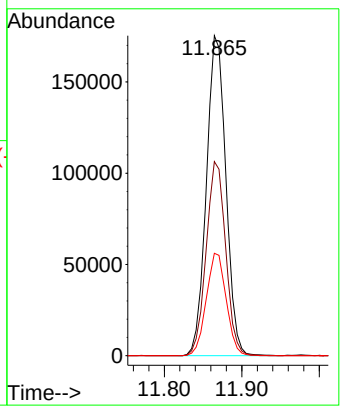


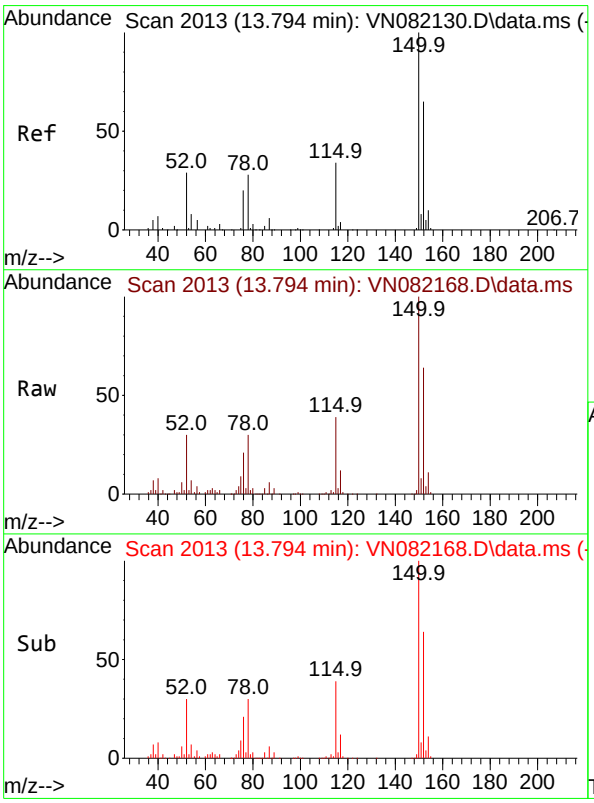
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Instrument :
MSVOA_N
ClientSampleId :
PB160937ZHE#03

Tgt Ion:117 Resp: 306644

Ion	Ratio	Lower	Upper
117	100		
82	60.6	44.6	66.8
119	32.0	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082168.D
Acq: 16 May 2024 17:42

Tgt Ion:152 Resp: 131086

Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.4	91.3
150	156.1	0.0	353.2