Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051024\
Data File : VN082070.D
Acq On : 10 May 2024 15:22
Operator : JC\MD
Sample : PB160834ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#02

Quant Time: May 10 23:23:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 26 05:26:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	126090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114760	53.927	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.860%			
35) Dibromofluoromethane	8.171	113	84288	50.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.520%			
50) Toluene-d8	10.571	98	356352	54.099	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.200%			
62) 4-Bromofluorobenzene	12.853	95	119054	45.721	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 91.440%			
Target Compounds						Qvalue
16) Acetone	4.424	43	24502	34.217	ug/l #	79
20) Methylene Chloride	5.277	84	7312	4.009	ug/l #	83
25) 2-Butanone	7.482	43	23462	19.425	ug/l #	82
43) Isopropyl Acetate	8.688	43	278597	50.223	ug/l #	72

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

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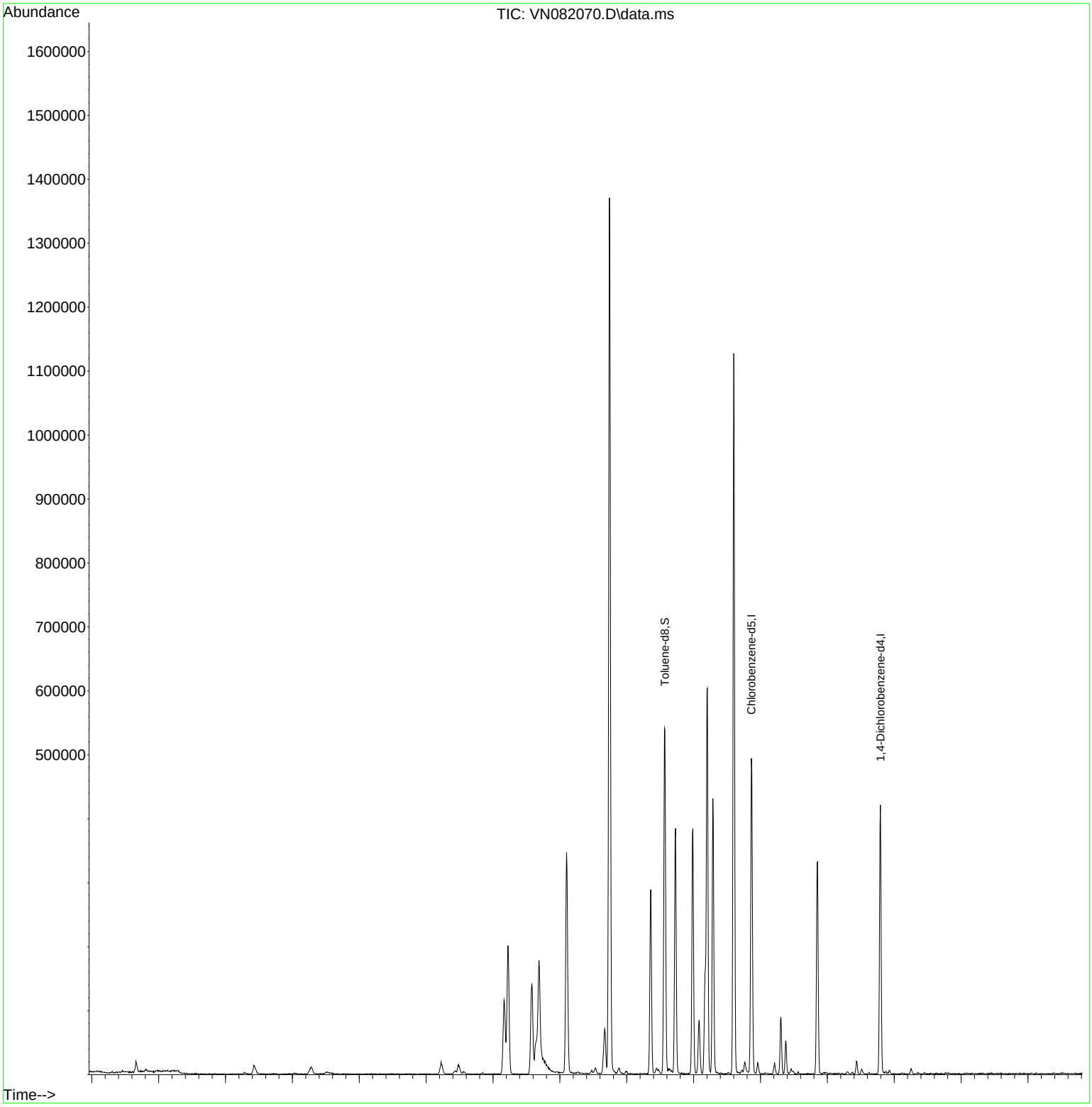
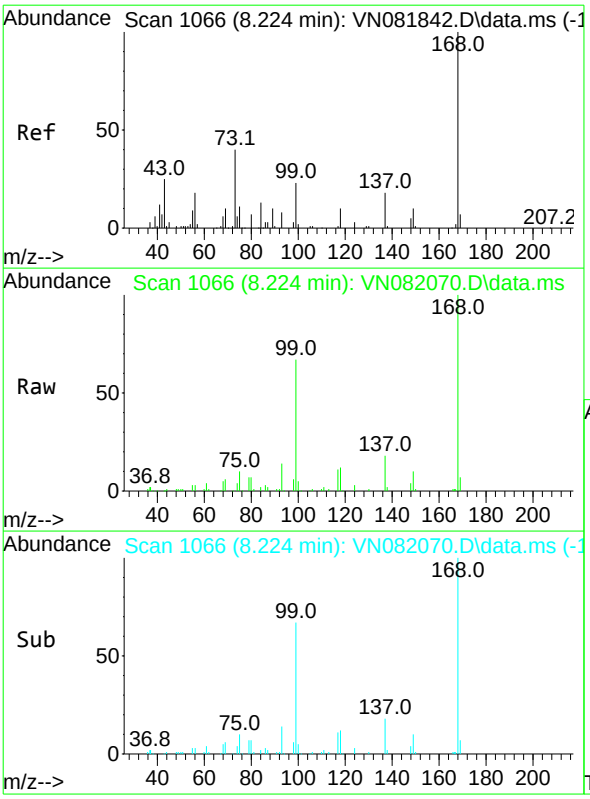


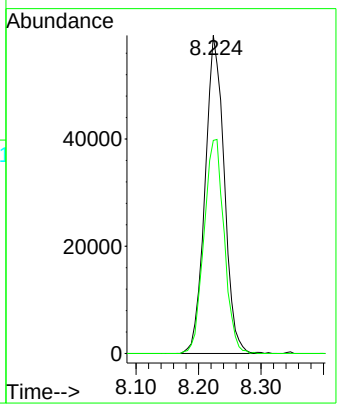


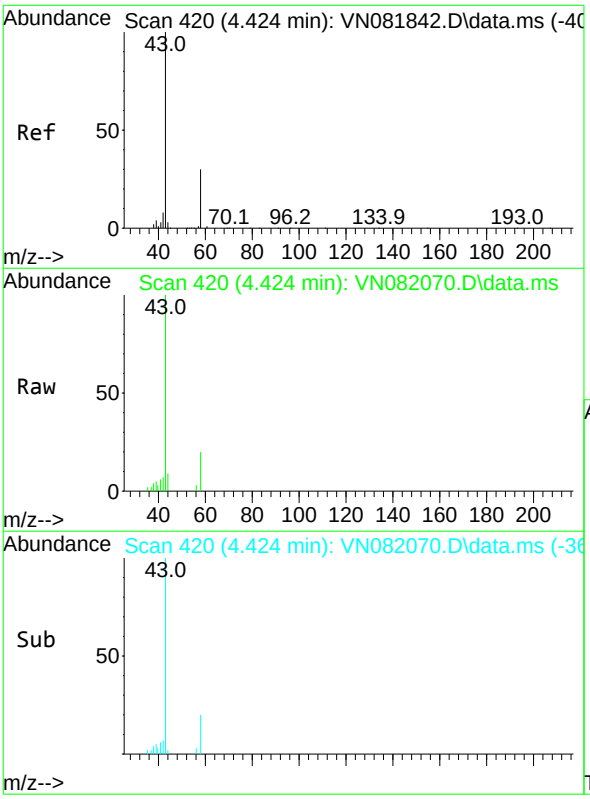
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN082070.D
Acq: 10 May 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#02

Tgt Ion:168 Resp: 126090

Ion	Ratio	Lower	Upper
168	100		
99	67.0	48.2	72.4

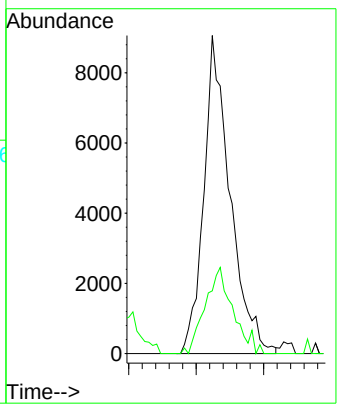


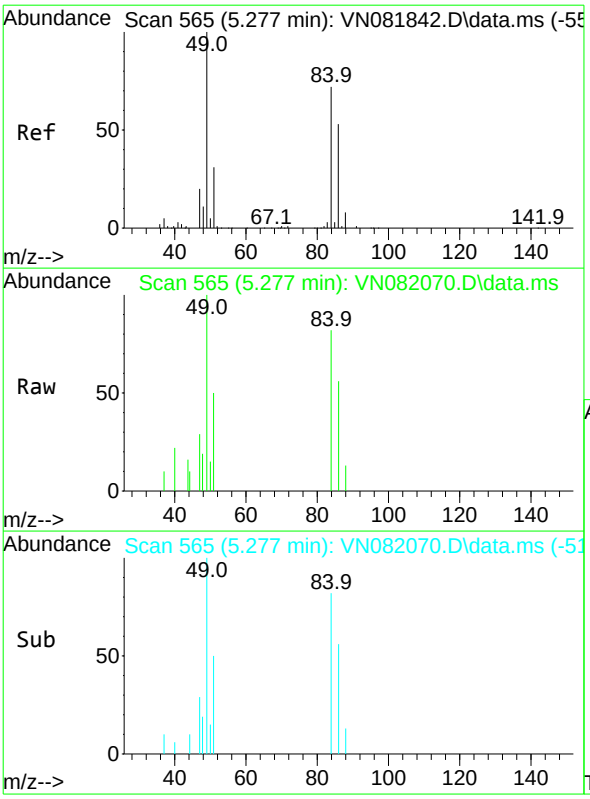


#16
Acetone
Concen: 34.217 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN082070.D
Acq: 10 May 2024 15:22

Tgt Ion: 43 Resp: 24502

Ion	Ratio	Lower	Upper
43	100		
58	19.7	25.2	37.8#



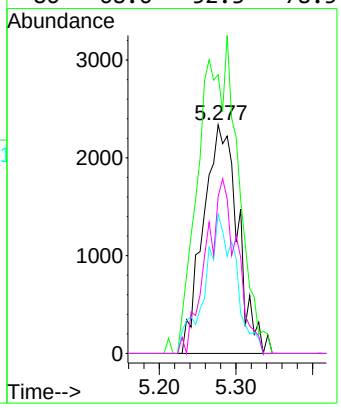


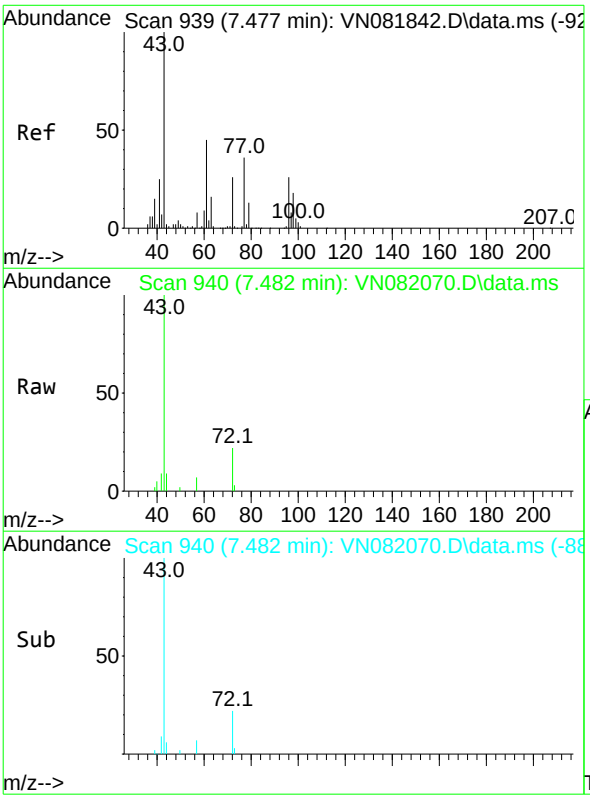
#20
Methylene Chloride
Concen: 4.009 ug/l
RT: 5.277 min Scan# 56
Delta R.T. -0.000 min
Lab File: VN082070.D
Acq: 10 May 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#02

Tgt Ion: 84 Resp: 7312

Ion	Ratio	Lower	Upper
84	100		
49	121.9	84.9	127.3
51	60.9	27.0	40.6#
86	68.6	52.3	78.5

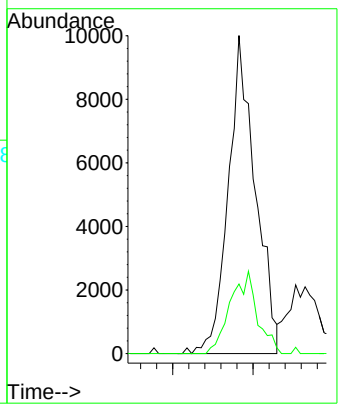


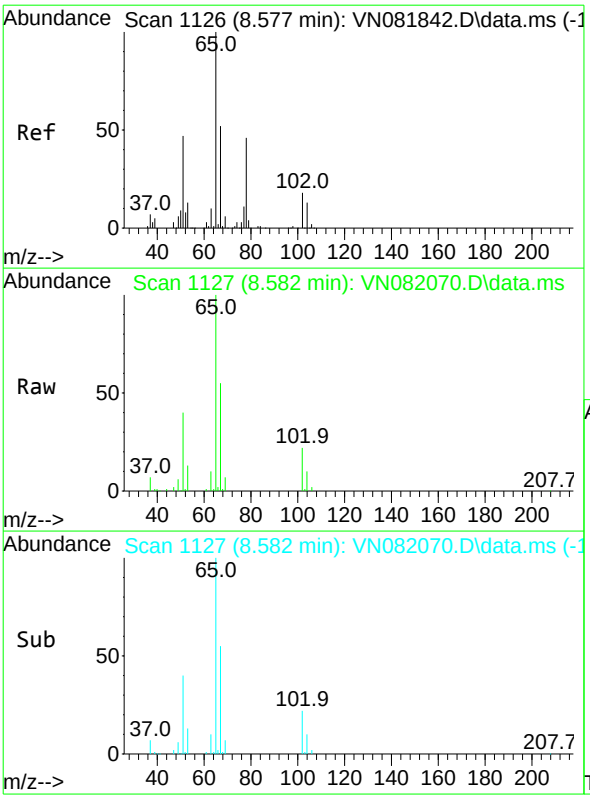


#25
2-Butanone
Concen: 19.425 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN082070.D
Acq: 10 May 2024 15:22

Tgt Ion: 43 Resp: 23462

Ion	Ratio	Lower	Upper
43	100		
72	21.9	25.3	37.9#



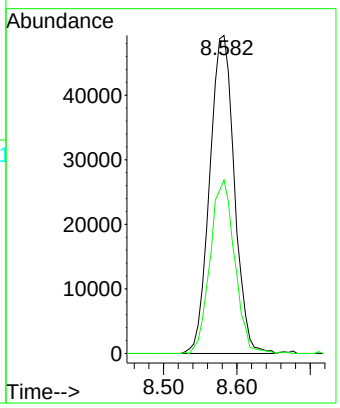


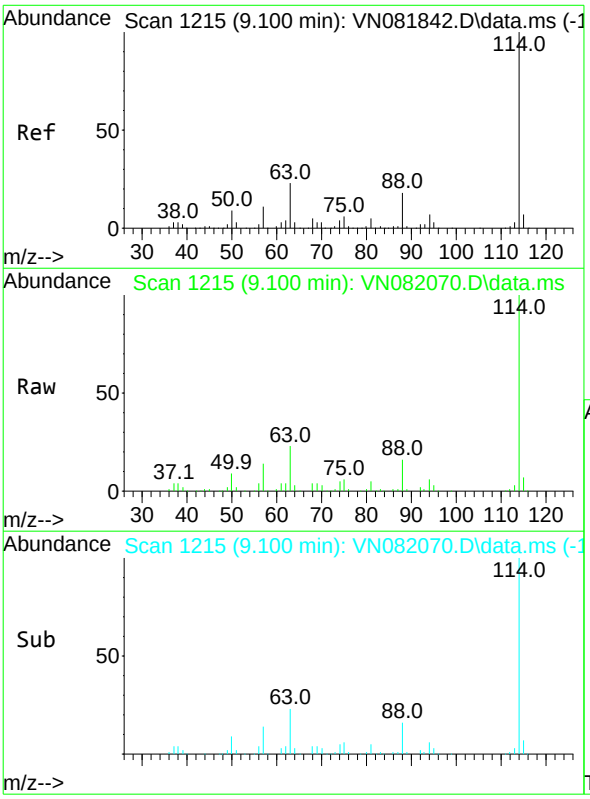
#33
1,2-Dichloroethane-d4
Concen: 53.927 ug/l
RT: 8.582 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082070.D
Acq: 10 May 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#02

Tgt Ion: 65 Resp: 114760

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	103.0

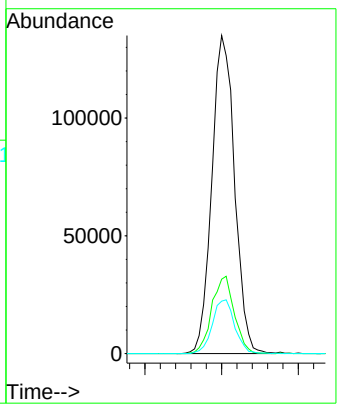


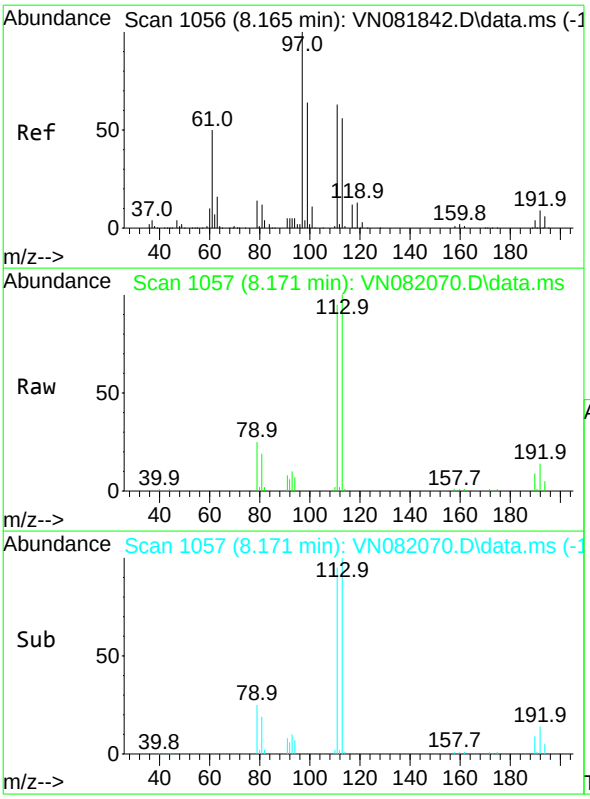


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082070.D
Acq: 10 May 2024 15:22

Tgt Ion:114 Resp: 278564

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	41.0
88	16.5	0.0	31.4



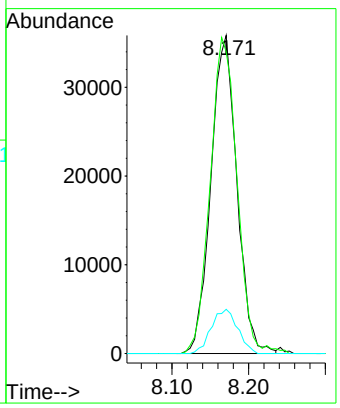


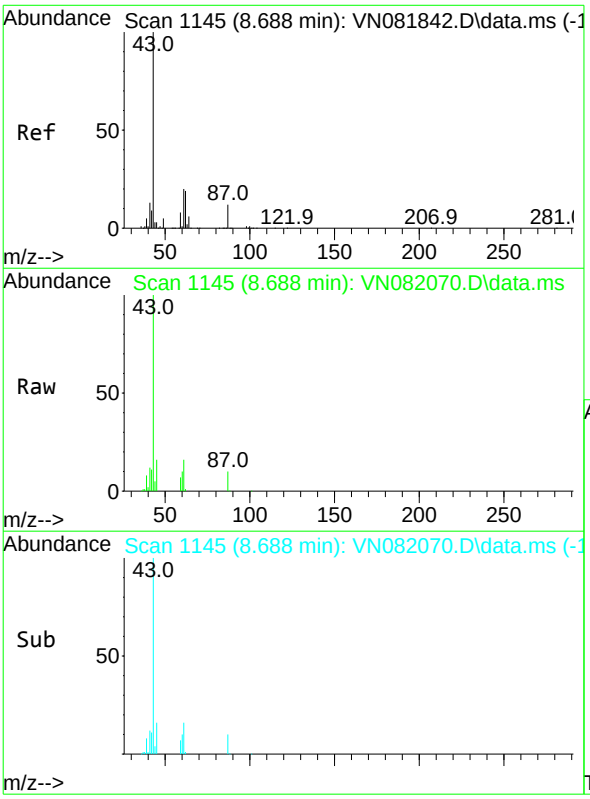
#35
Dibromofluoromethane
Concen: 50.255 ug/l
RT: 8.171 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082070.D
Acq: 10 May 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#02

Tgt Ion:113 Resp: 84288

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.2
192	14.1	14.0	21.0

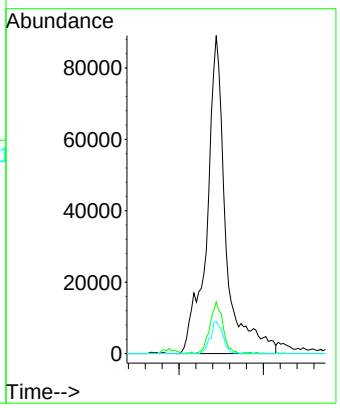


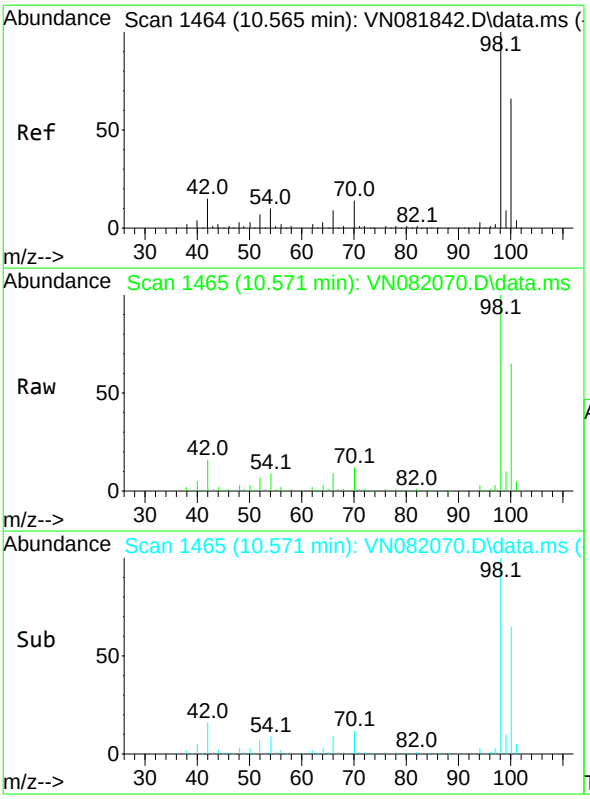


#43
Isopropyl Acetate
Concen: 50.223 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082070.D
Acq: 10 May 2024 15:22

Tgt Ion: 43 Resp: 278597

Ion	Ratio	Lower	Upper
43	100		
61	11.2	22.8	34.2#
87	6.7	12.0	18.0#



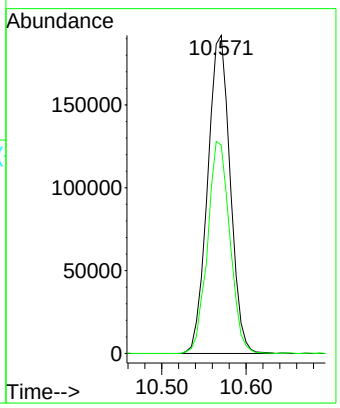


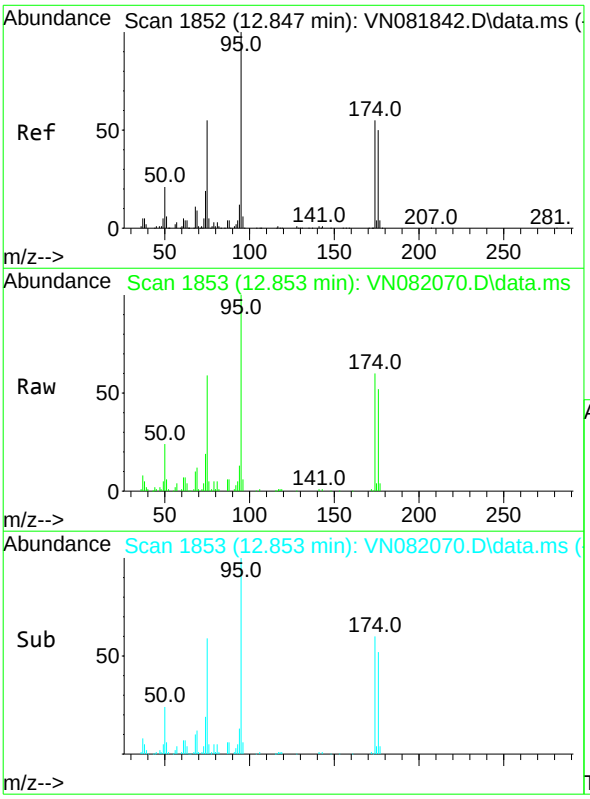
#50
Toluene-d8
Concen: 54.099 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN082070.D
Acq: 10 May 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#02

Tgt Ion: 98 Resp: 356352

Ion	Ratio	Lower	Upper
98	100		
100	66.0	51.8	77.6

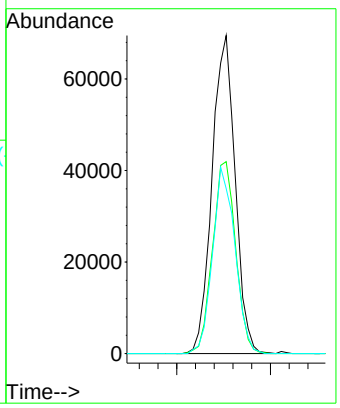


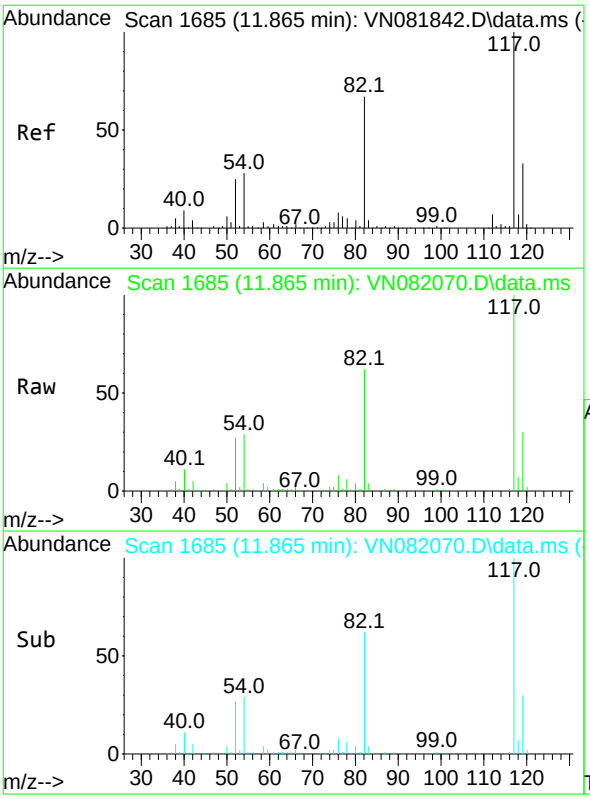


#62
4-Bromofluorobenzene
Concen: 45.721 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082070.D
Acq: 10 May 2024 15:22

Tgt Ion: 95 Resp: 119054

Ion	Ratio	Lower	Upper
95	100		
174	60.4	0.0	160.6
176	56.8	0.0	152.8



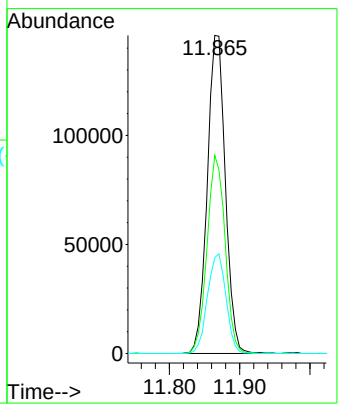


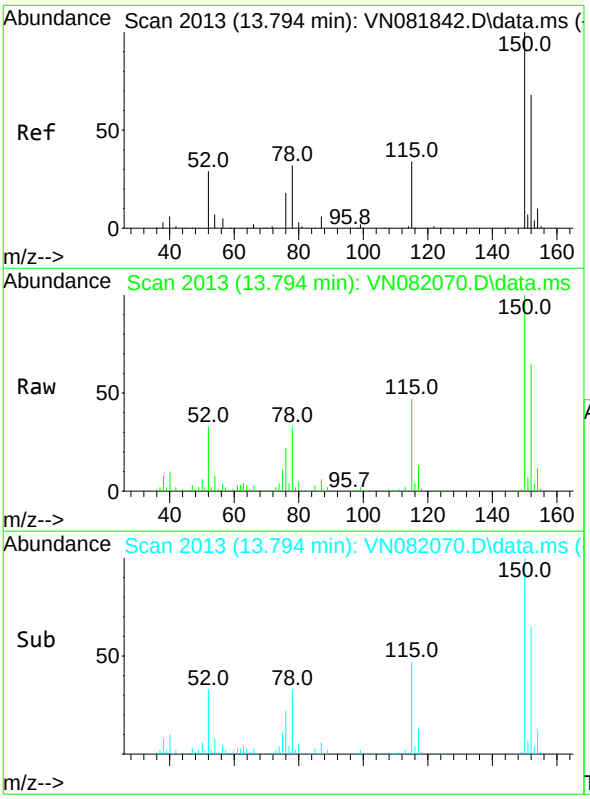
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN082070.D
Acq: 10 May 2024 15:22

Instrument :
MSVOA_N
ClientSampleId :
PB160834ZHE#02

Tgt Ion:117 Resp: 260480

Ion	Ratio	Lower	Upper
117	100		
82	62.3	44.6	66.8
119	30.1	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: VN082070.D
Acq: 10 May 2024 15:22

Tgt Ion:152 Resp: 98761

Ion	Ratio	Lower	Upper
152	100		
115	68.3	30.4	91.3
150	152.7	0.0	353.2