Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122322\
Data File : VN075967.D
Acq On : 23 Dec 2022 15:33
Operator : JC\MD
Sample : PB149839ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB149839ZHE#02

Quant Time: Dec 26 04:34:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	319676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	529407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	481378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	173888	50.000	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.000%			
35) Dibromofluoromethane	8.177	113	155326	47.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.760%			
50) Toluene-d8	10.571	98	620370	50.609	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.220%			
62) 4-Bromofluorobenzene	12.853	95	197617	48.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 97.340%			
Target Compounds						Qvalue
16) Acetone	4.447	43	58777	49.028	ug/l	95
20) Methylene Chloride	5.283	84	12565	3.320	ug/l #	84
25) 2-Butanone	7.500	43	18660	11.116	ug/l	94
37) Ethyl Acetate	7.577	43	33548	9.590	ug/l	99
43) Isopropyl Acetate	8.694	43	305581	52.954	ug/l #	73

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

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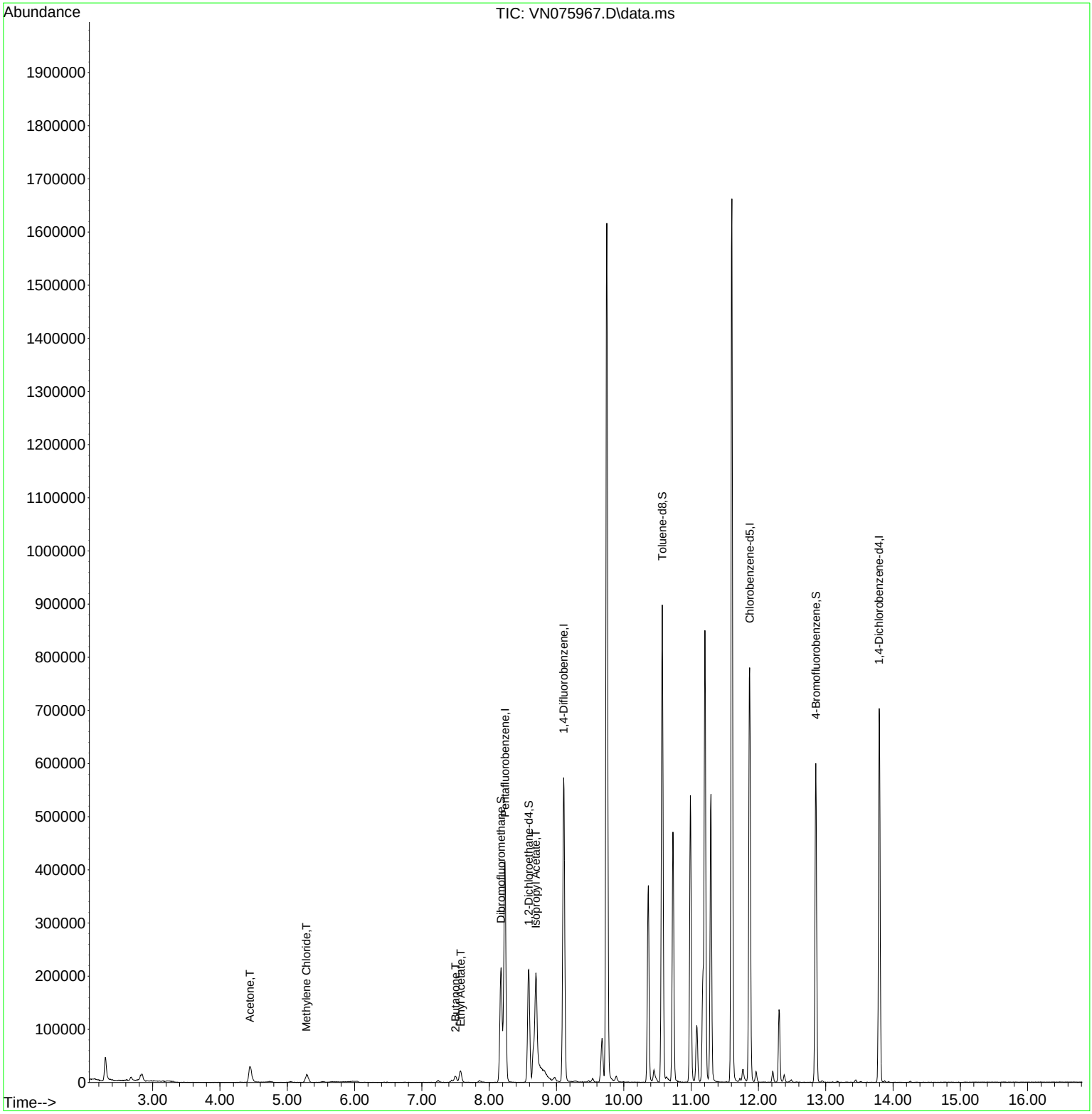
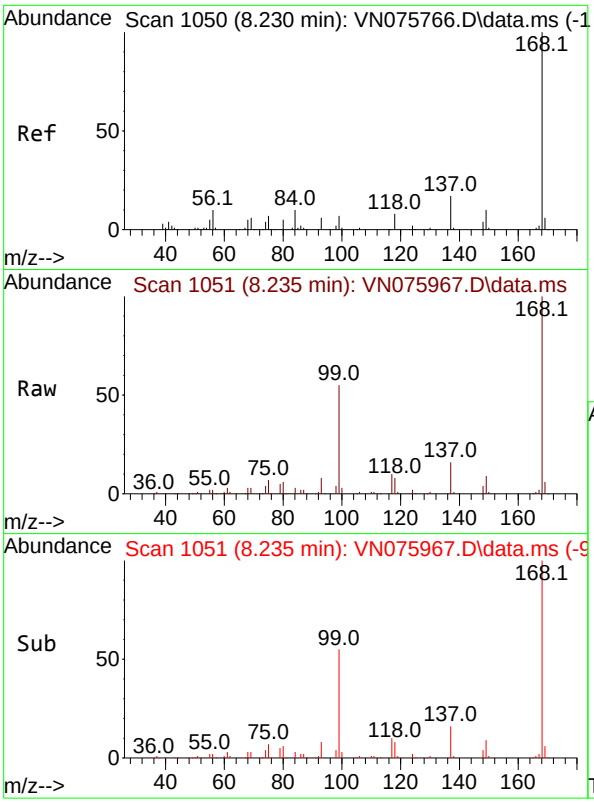


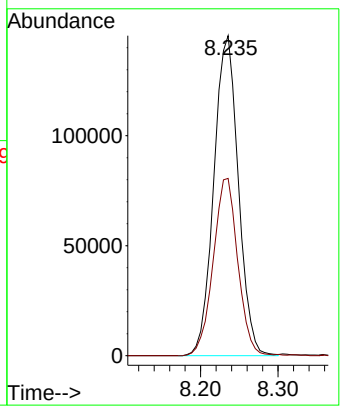


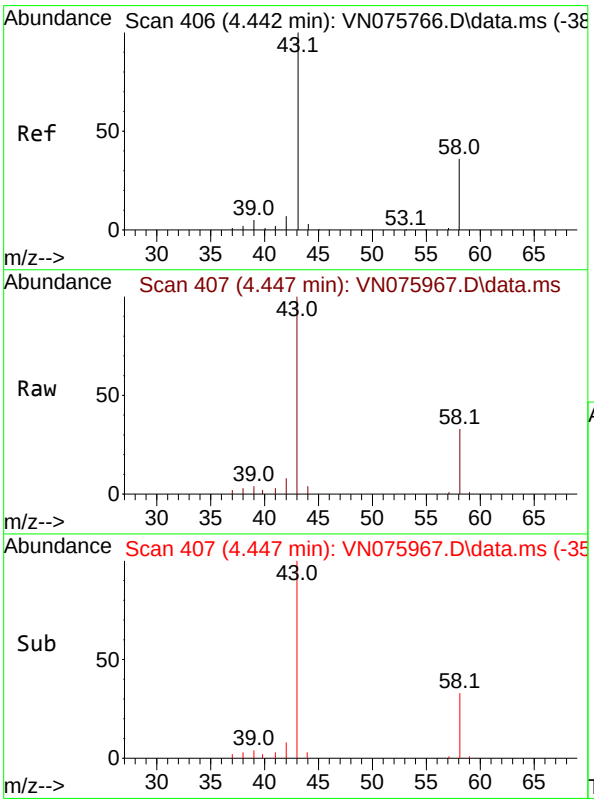
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
PB149839ZHE#02

Tgt Ion:168 Resp: 319676

Ion	Ratio	Lower	Upper
168	100		
99	55.4	44.2	66.4

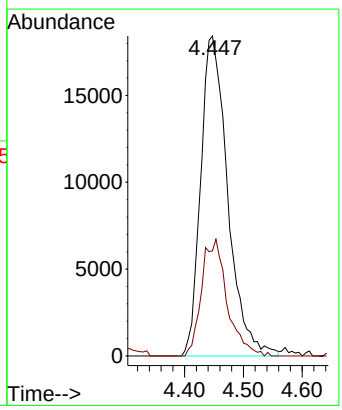


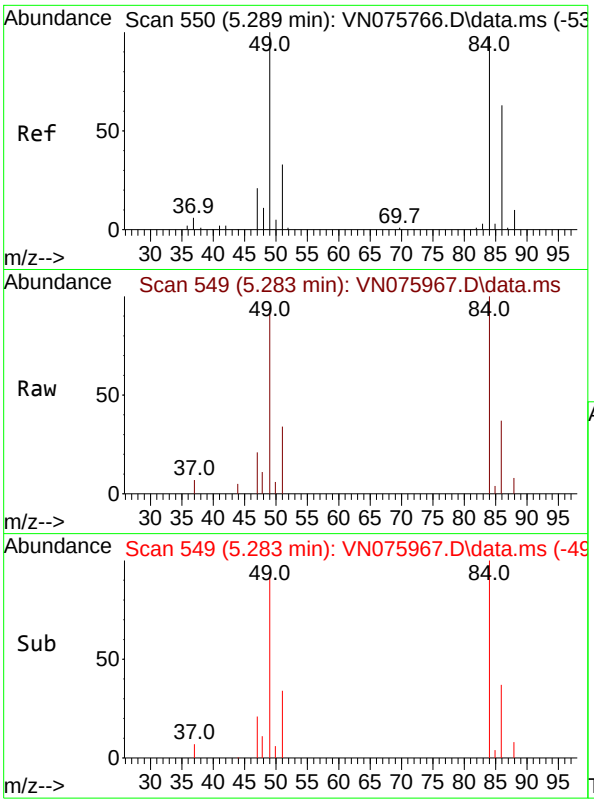


#16
Acetone
Concen: 49.028 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Tgt Ion: 43 Resp: 58777

Ion	Ratio	Lower	Upper
43	100		
58	32.8	28.6	43.0



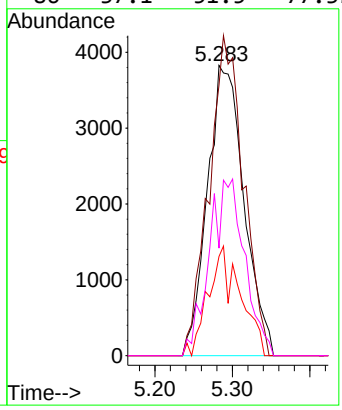


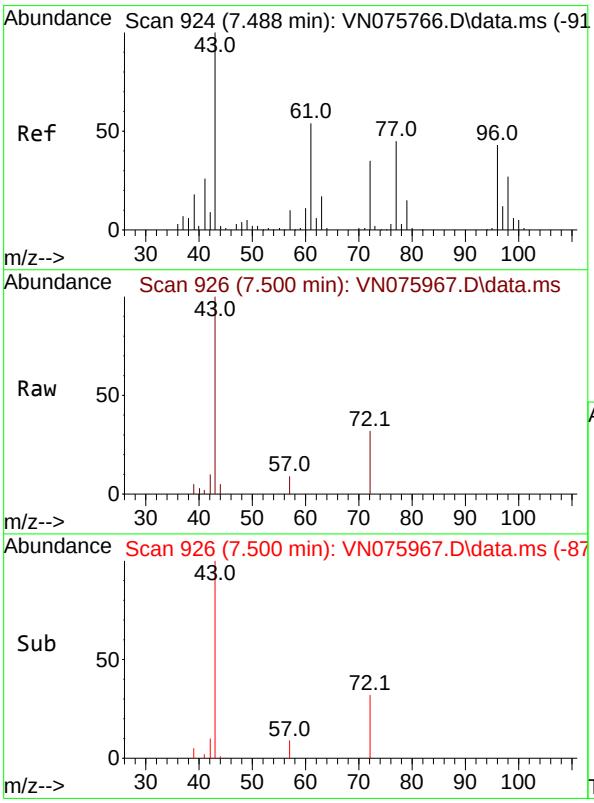
#20
Methylene Chloride
Concen: 3.320 ug/l
RT: 5.283 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
PB149839ZHE#02

Tgt Ion: 84 Resp: 12565

Ion	Ratio	Lower	Upper
84	100		
49	93.2	81.8	122.6
51	34.2	26.7	40.1
86	37.1	51.5	77.3#

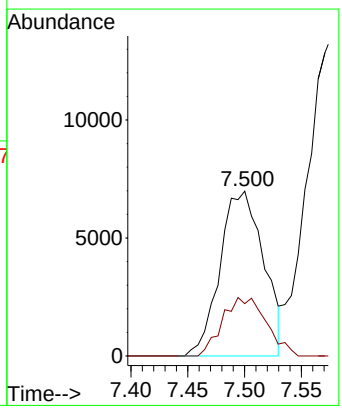


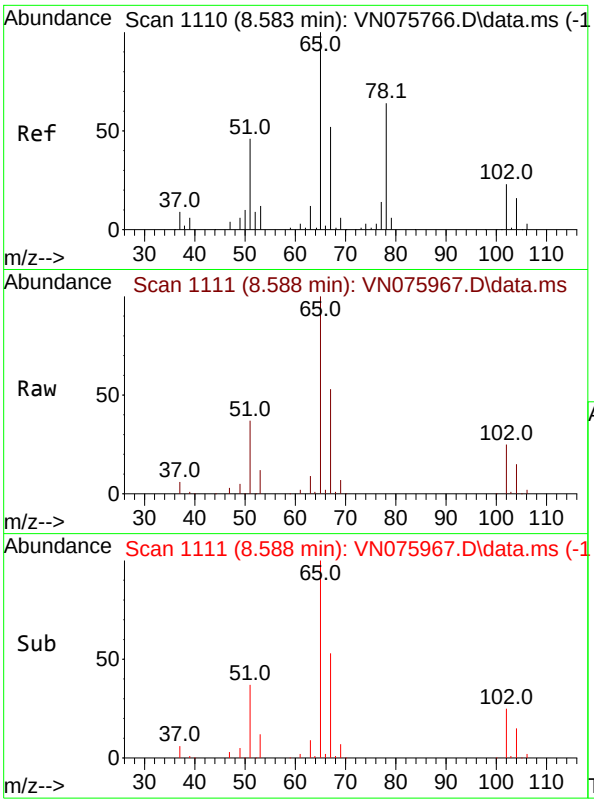


#25
2-Butanone
Concen: 11.116 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.012 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Tgt Ion: 43 Resp: 18660

Ion	Ratio	Lower	Upper
43	100		
72	31.7	28.0	42.0



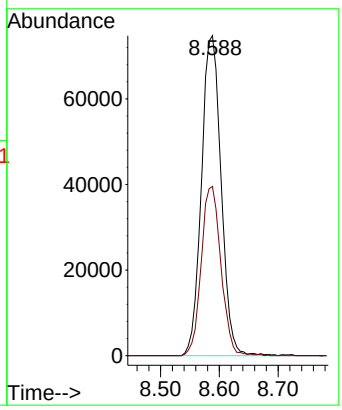


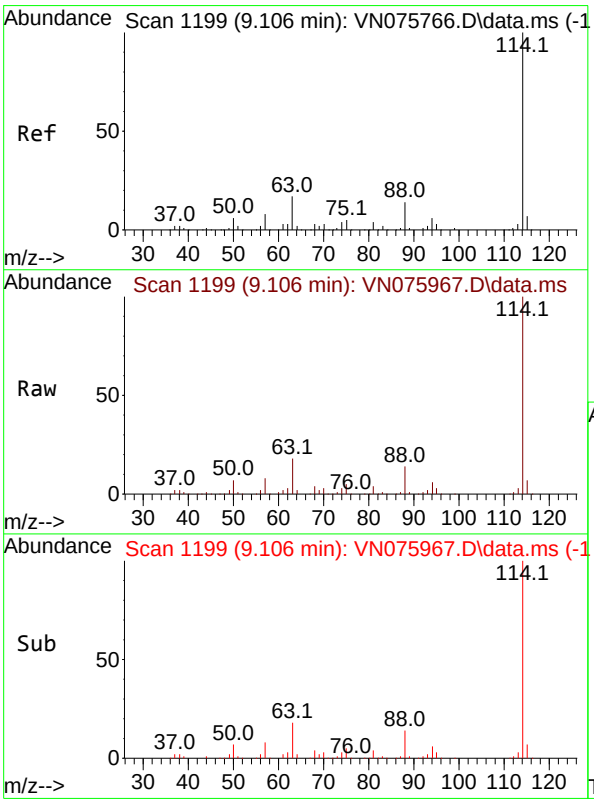
#33
1,2-Dichloroethane-d4
Concen: 50.000 ug/l
RT: 8.588 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
PB149839ZHE#02

Tgt Ion: 65 Resp: 173888

Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	103.4

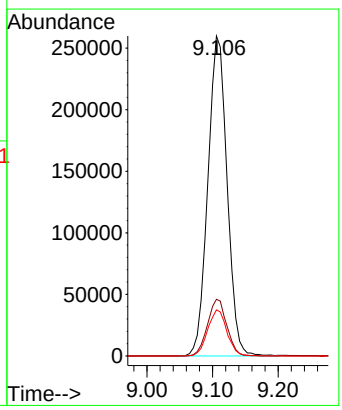


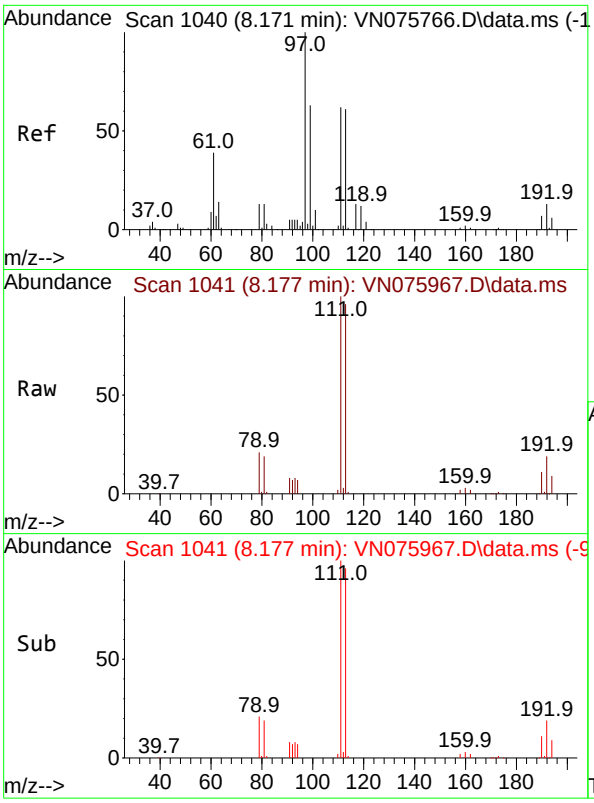


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Tgt Ion:114 Resp: 529407

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	34.4
88	14.4	0.0	28.8



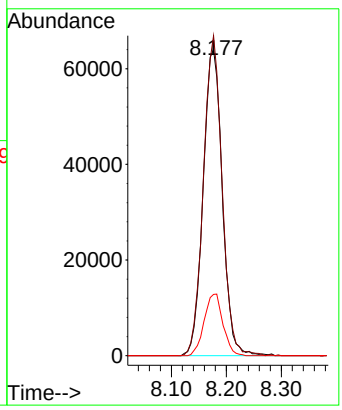


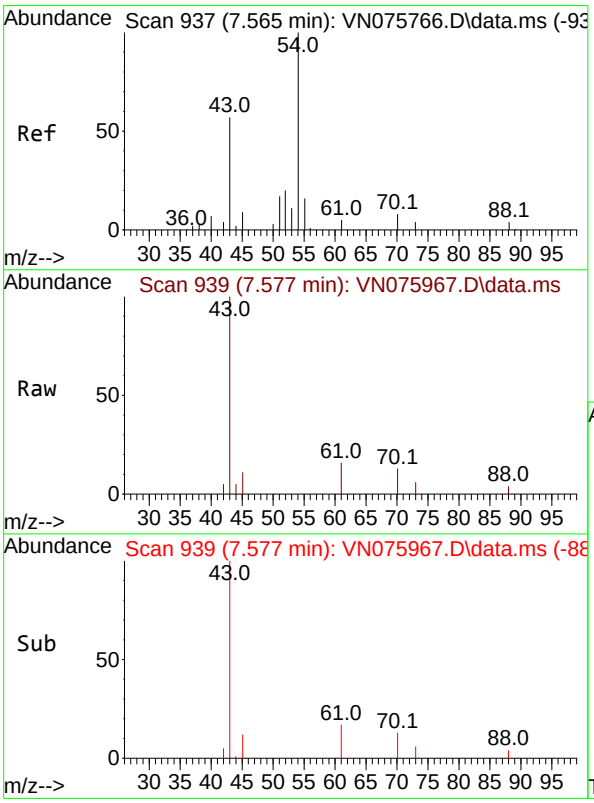
#35
Dibromofluoromethane
Concen: 47.377 ug/l
RT: 8.177 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
PB149839ZHE#02

Tgt Ion:113 Resp: 155326

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.4	125.2
192	19.7	16.1	24.1

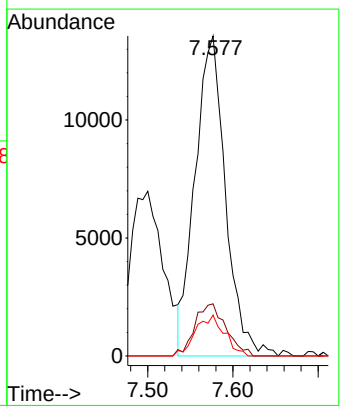


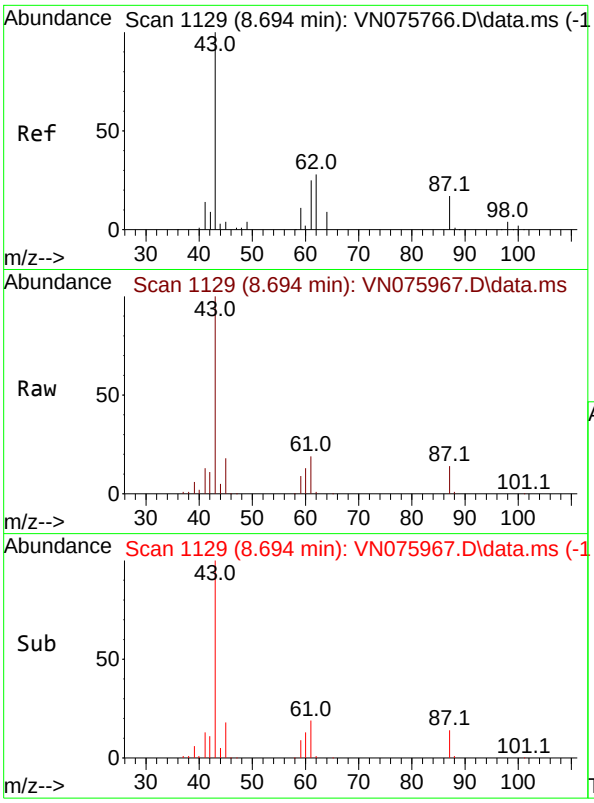


#37
Ethyl Acetate
Concen: 9.590 ug/l
RT: 7.577 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Tgt Ion: 43 Resp: 33548

Ion	Ratio	Lower	Upper
43	100		
61	16.7	13.0	19.4
70	12.1	9.4	14.0



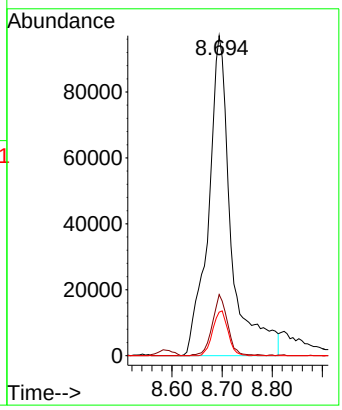


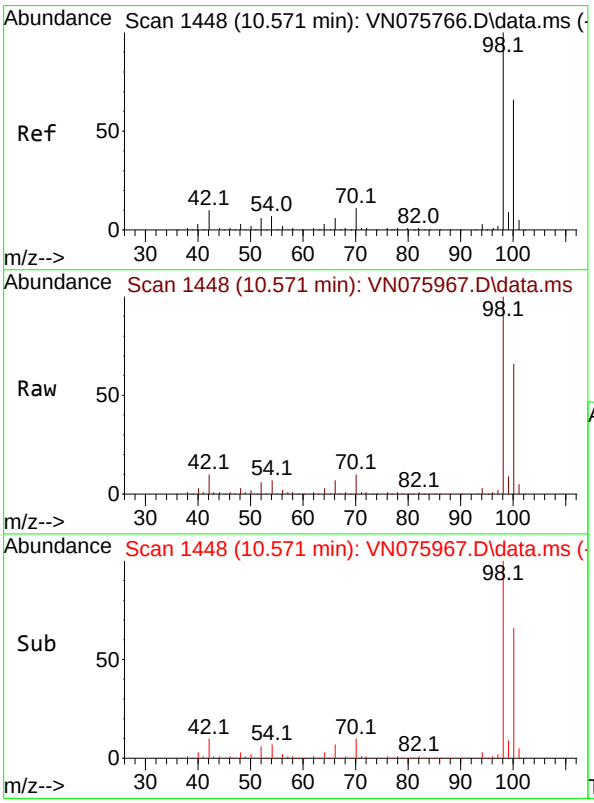
#43
Isopropyl Acetate
Concen: 52.954 ug/l
RT: 8.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
PB149839ZHE#02

Tgt Ion: 43 Resp: 305581

Ion	Ratio	Lower	Upper
43	100		
61	12.7	24.2	36.4#
87	9.4	13.3	19.9#

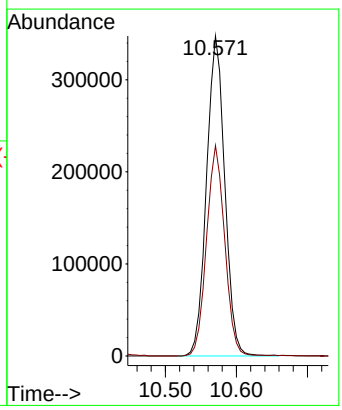


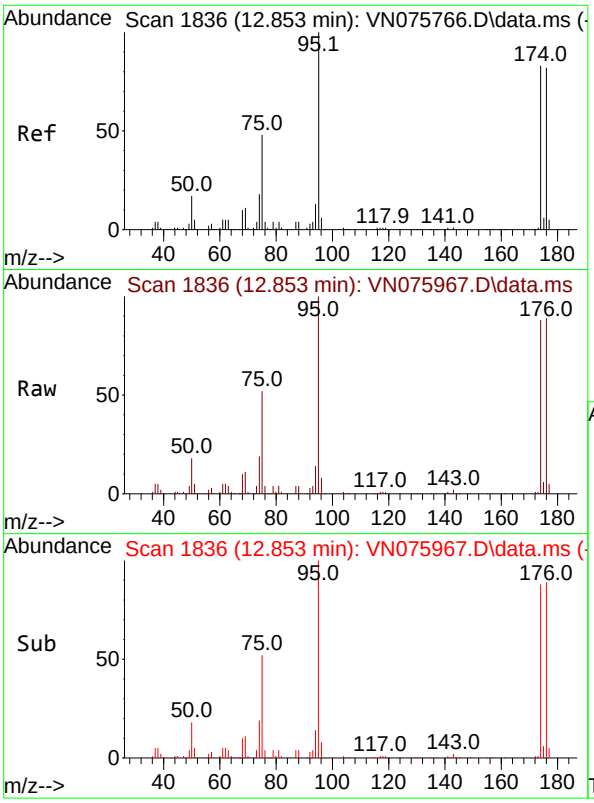


#50
Toluene-d8
Concen: 50.609 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Tgt Ion: 98 Resp: 620370

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.1	78.1



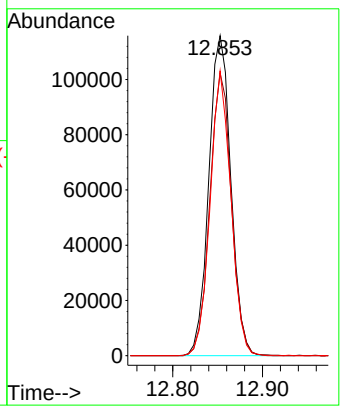


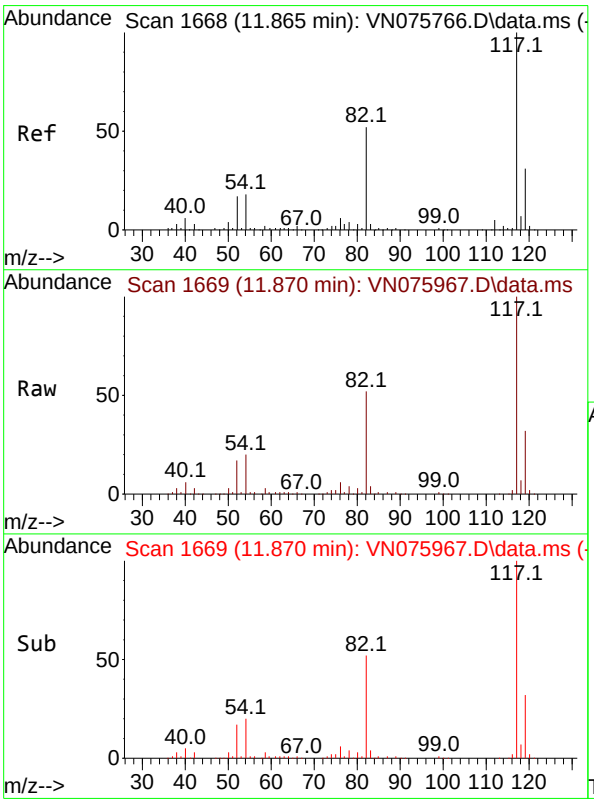
#62
4-Bromofluorobenzene
Concen: 48.674 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
PB149839ZHE#02

Tgt Ion: 95 Resp: 197617

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	171.6
176	83.9	0.0	169.2

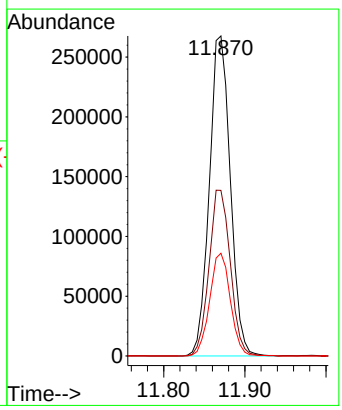


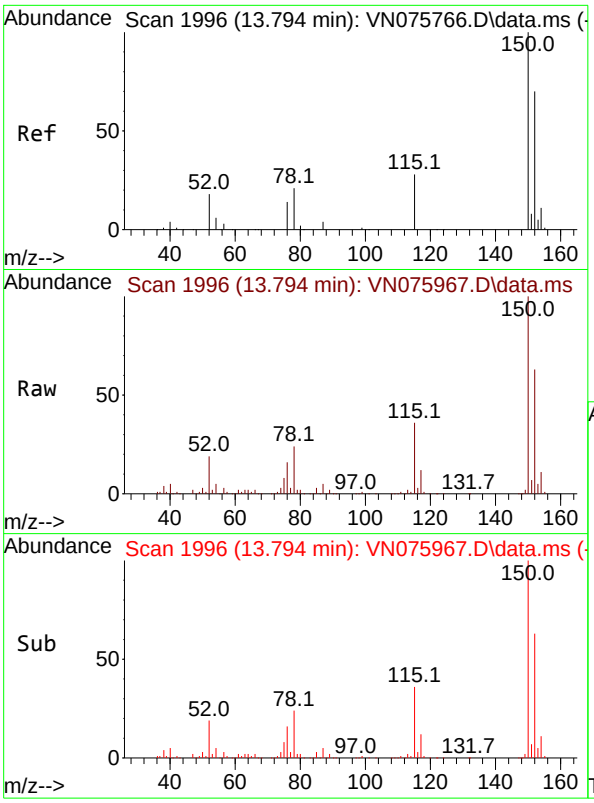


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Tgt Ion:117 Resp: 481378

Ion	Ratio	Lower	Upper
117	100		
82	51.8	41.3	61.9
119	32.1	24.6	37.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075967.D
Acq: 23 Dec 2022 15:33

Instrument :
MSVOA_N
ClientSampleId :
PB149839ZHE#02

Tgt Ion:152 Resp: 197152

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.1	87.4
150	159.1	0.0	347.0