Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
Data File : VN082289.D
Acq On : 22 May 2024 13:28
Operator : JC\MD
Sample : PB161037ZHE#02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#02

Quant Time: May 23 01:52:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	198771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	357138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	345326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	160174	51.033	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.060%			
35) Dibromofluoromethane	8.171	113	113345	51.592	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.180%			
50) Toluene-d8	10.571	98	455071	54.028	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.060%			
62) 4-Bromofluorobenzene	12.853	95	165009	54.887	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 109.780%			
Target Compounds						Qvalue
16) Acetone	4.436	43	21917	17.023	ug/l	94
20) Methylene Chloride	5.277	84	11090	4.269	ug/l	86
43) Isopropyl Acetate	8.694	43	292858	40.081	ug/l #	72

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

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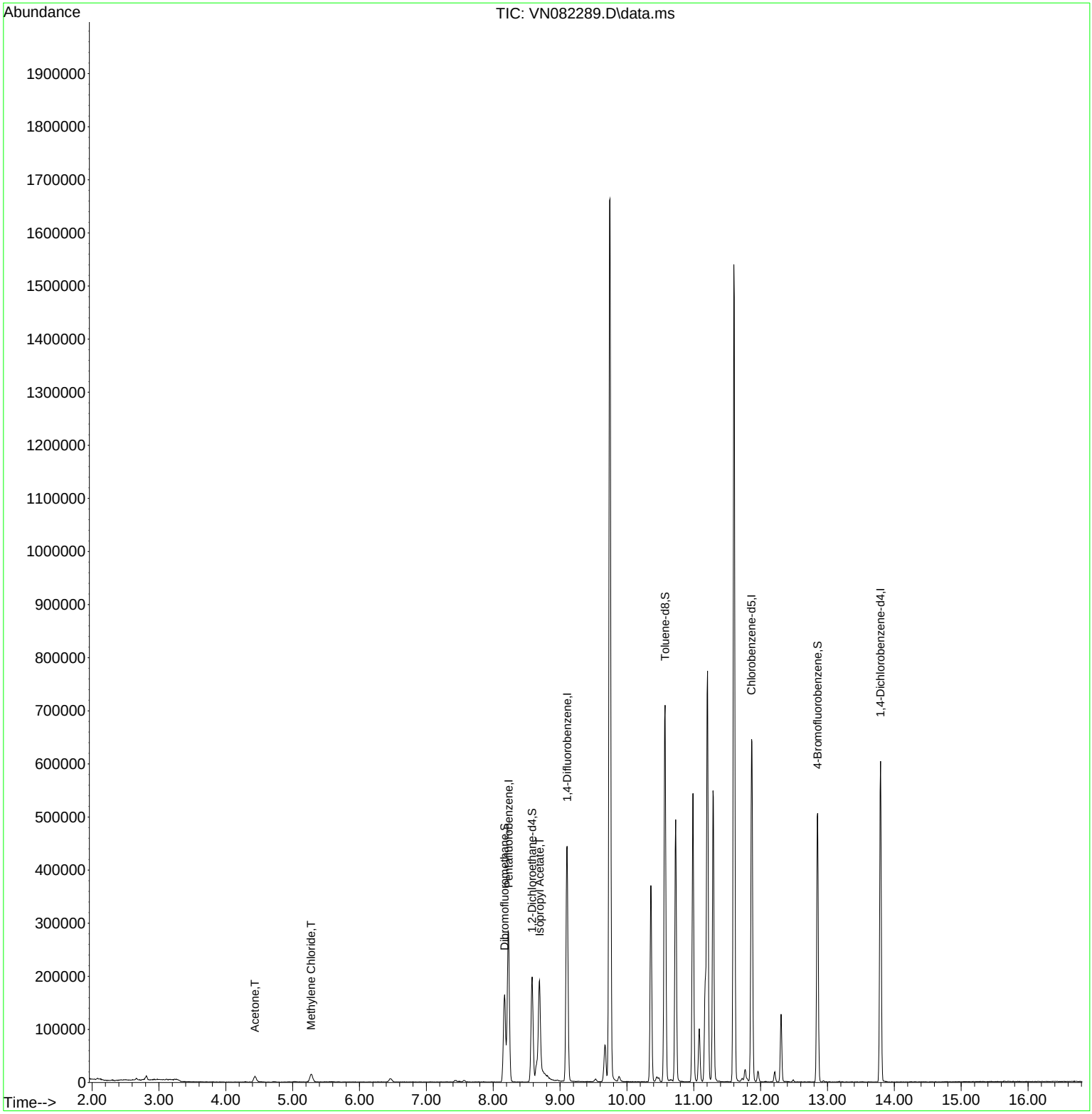
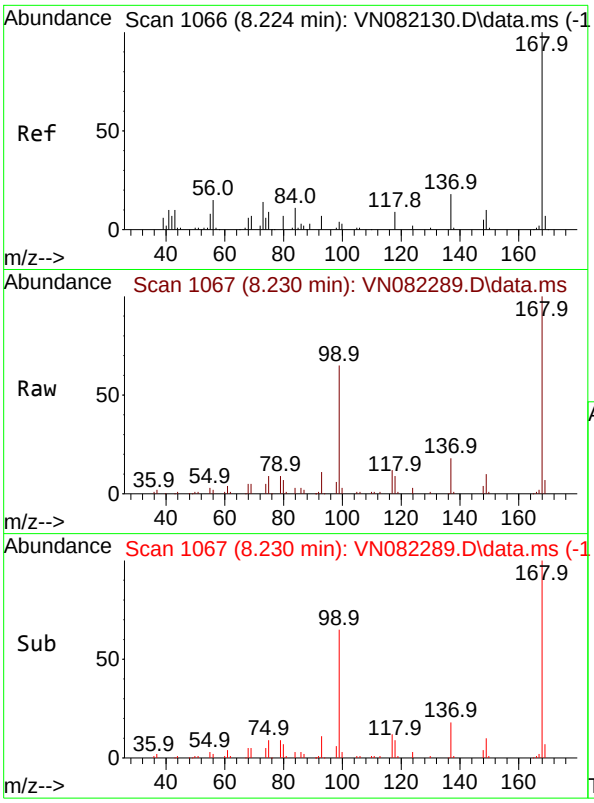


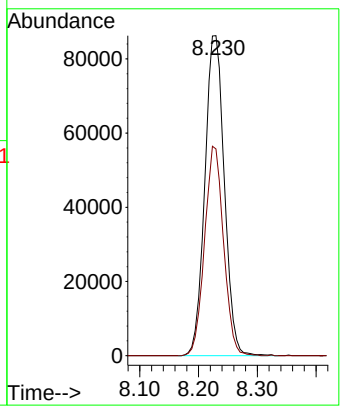


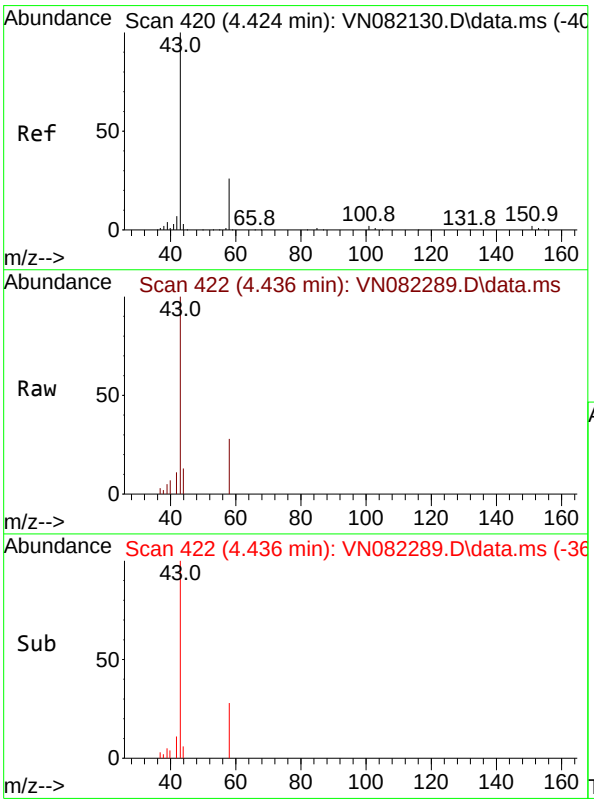
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082289.D
Acq: 22 May 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#02

Tgt Ion:168 Resp: 198771

Ion	Ratio	Lower	Upper
168	100		
99	64.6	48.2	72.4

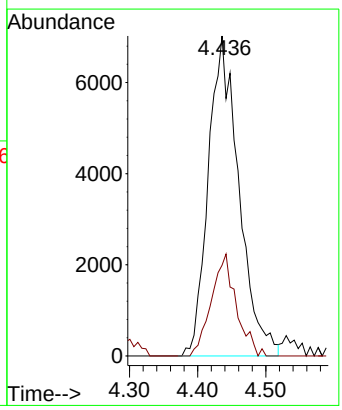


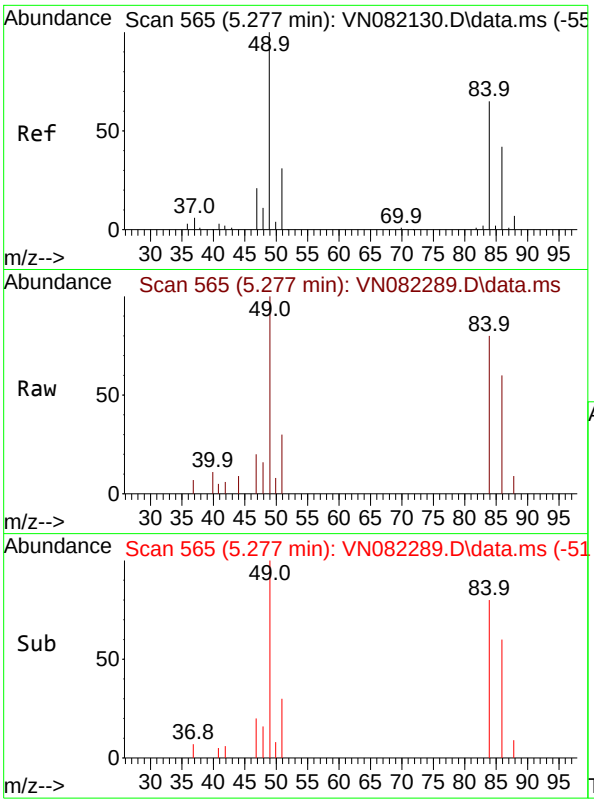


#16
Acetone
Concen: 17.023 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082289.D
Acq: 22 May 2024 13:28

Tgt Ion: 43 Resp: 21917

Ion	Ratio	Lower	Upper
43	100		
58	28.3	25.2	37.8



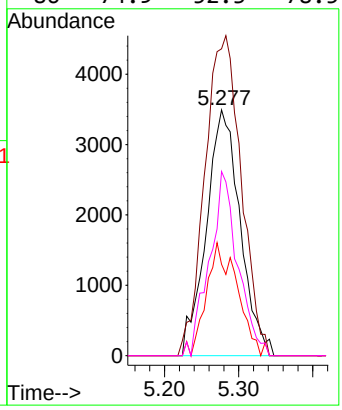


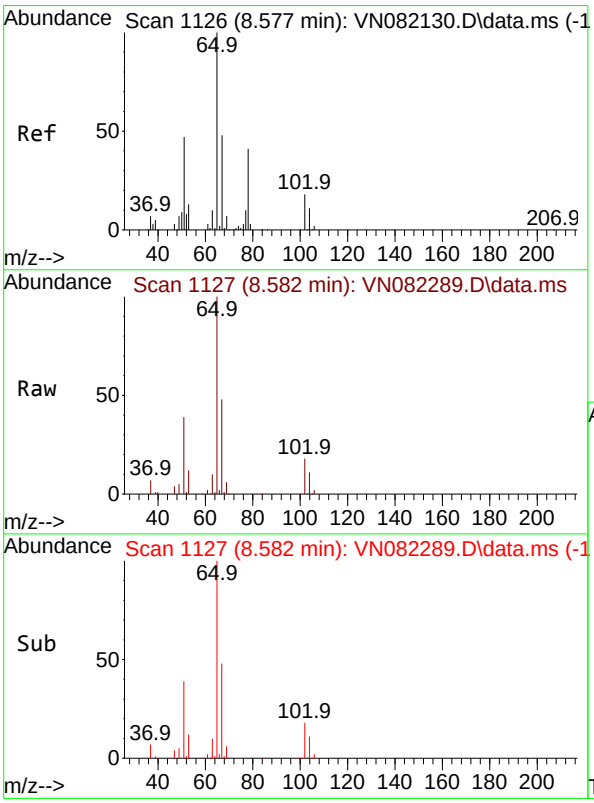
#20
Methylene Chloride
Concen: 4.269 ug/l
RT: 5.277 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN082289.D
Acq: 22 May 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#02

Tgt Ion: 84 Resp: 11090

Ion	Ratio	Lower	Upper
84	100		
49	124.9	84.9	127.3
51	37.2	27.0	40.6
86	74.9	52.3	78.5

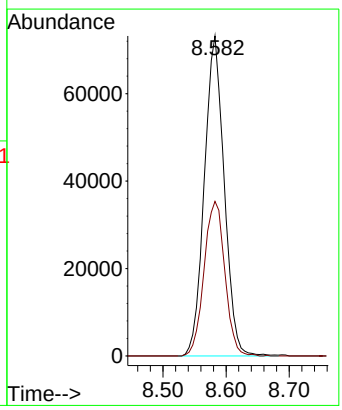


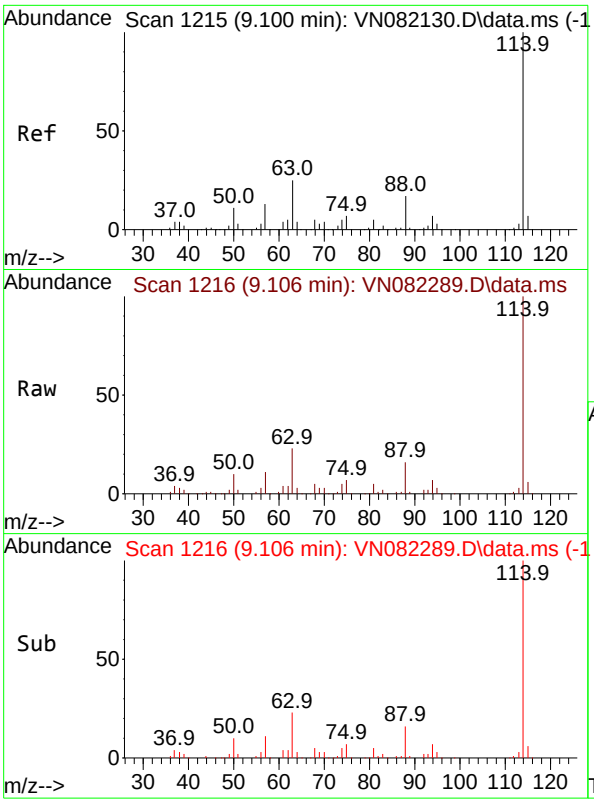


#33
1,2-Dichloroethane-d4
Concen: 51.033 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082289.D
Acq: 22 May 2024 13:28

Tgt Ion: 65 Resp: 160174

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	103.0



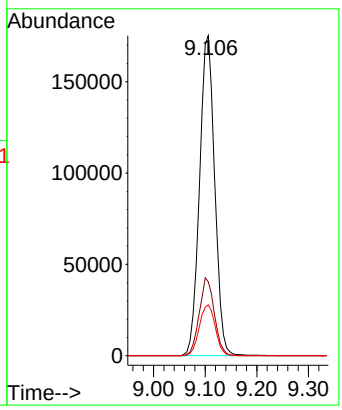


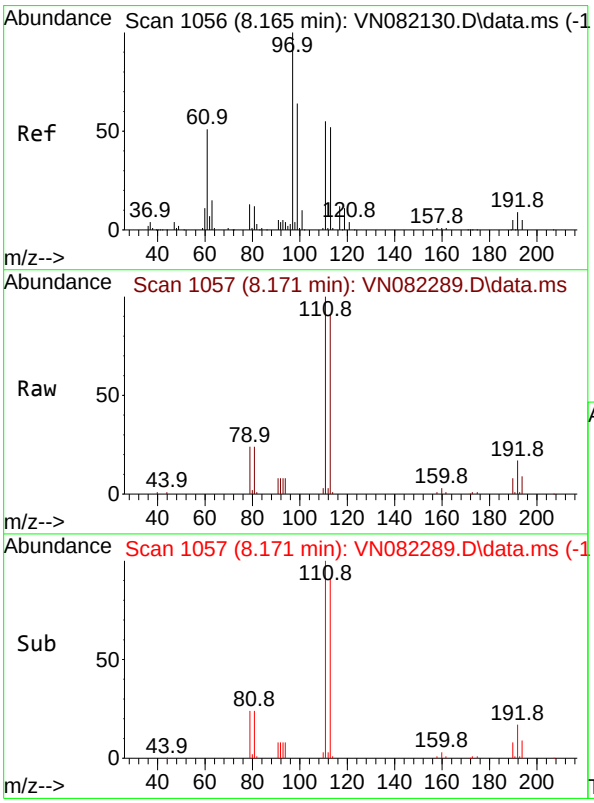
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082289.D
Acq: 22 May 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#02

Tgt Ion:114 Resp: 357138

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	41.0
88	15.9	0.0	31.4

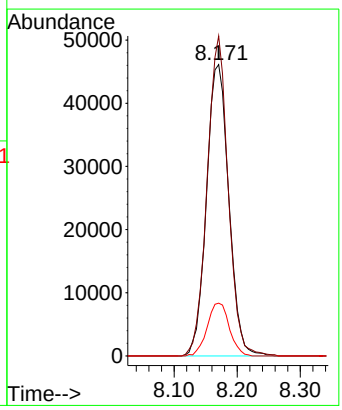


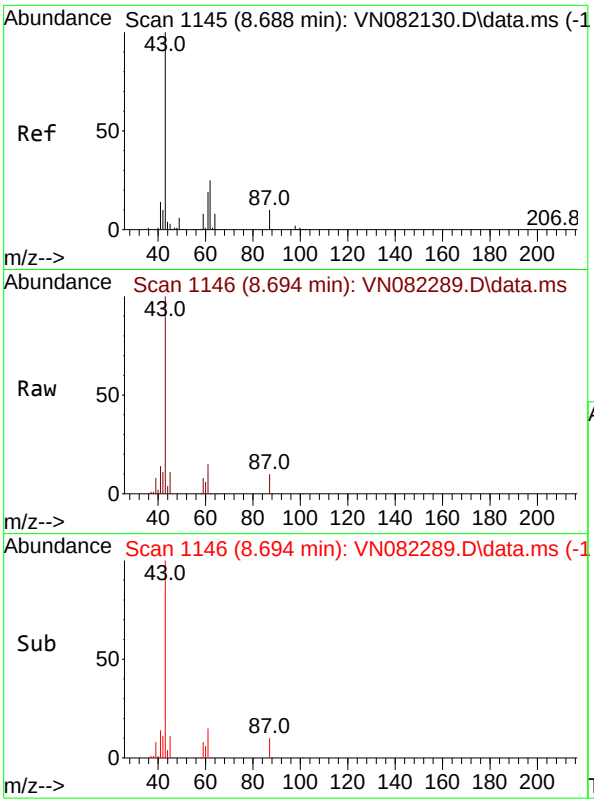


#35
Dibromofluoromethane
Concen: 51.592 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082289.D
Acq: 22 May 2024 13:28

Tgt Ion:113 Resp: 113345

Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.4	125.2
192	18.0	14.0	21.0





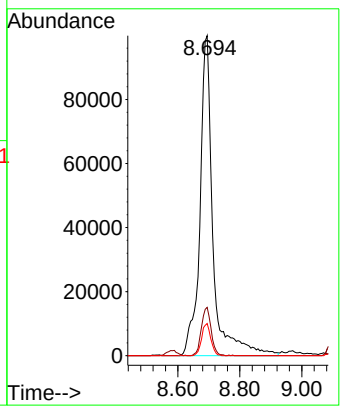
#43
Isopropyl Acetate
Concen: 40.081 ug/l
RT: 8.694 min Scan# 1

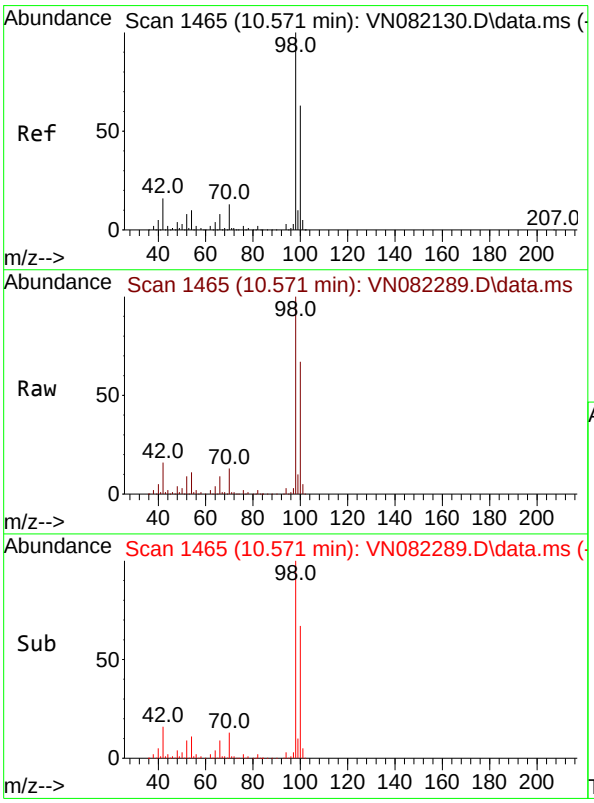
Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#02

Delta R.T. 0.006 min
Lab File: VN082289.D
Acq: 22 May 2024 13:28

Tgt Ion: 43 Resp: 292858

Ion	Ratio	Lower	Upper
43	100		
61	11.3	22.8	34.2#
87	7.0	12.0	18.0#

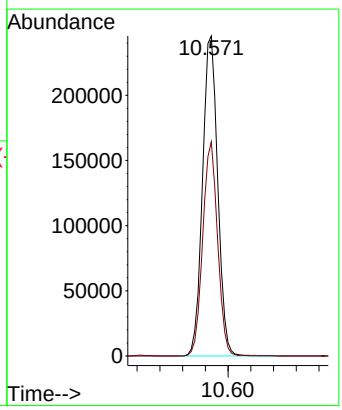


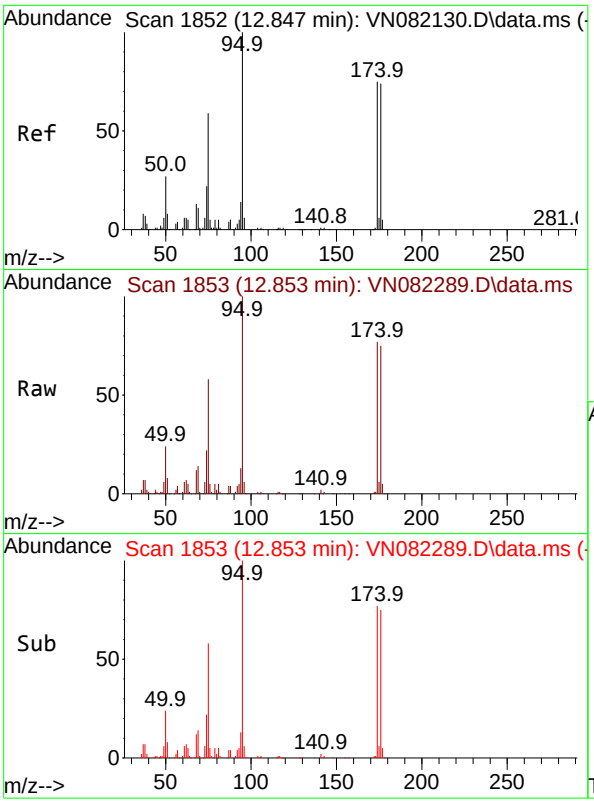


#50
Toluene-d8
Concen: 54.028 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082289.D
Acq: 22 May 2024 13:28

Tgt Ion: 98 Resp: 455071

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.6



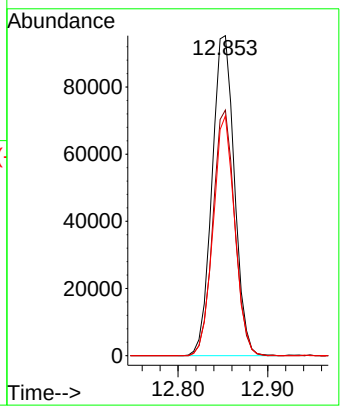


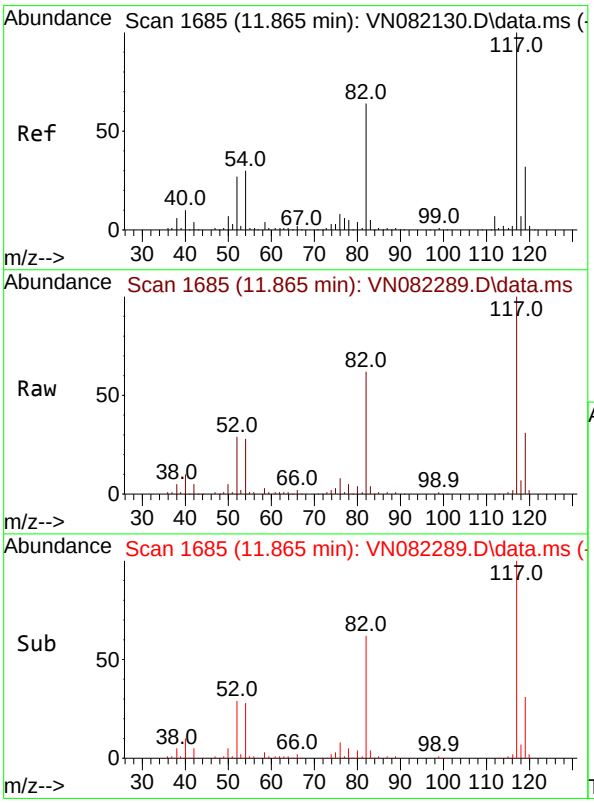
#62
4-Bromofluorobenzene
Concen: 54.887 ug/l
RT: 12.853 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN082289.D
Acq: 22 May 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#02

Tgt Ion: 95 Resp: 165009

Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	160.6
176	72.3	0.0	152.8

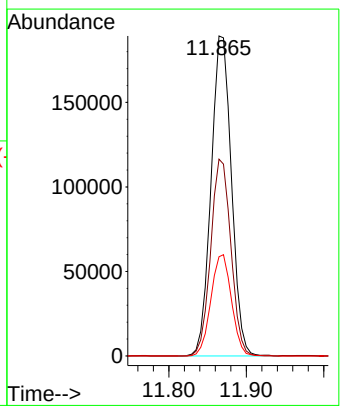


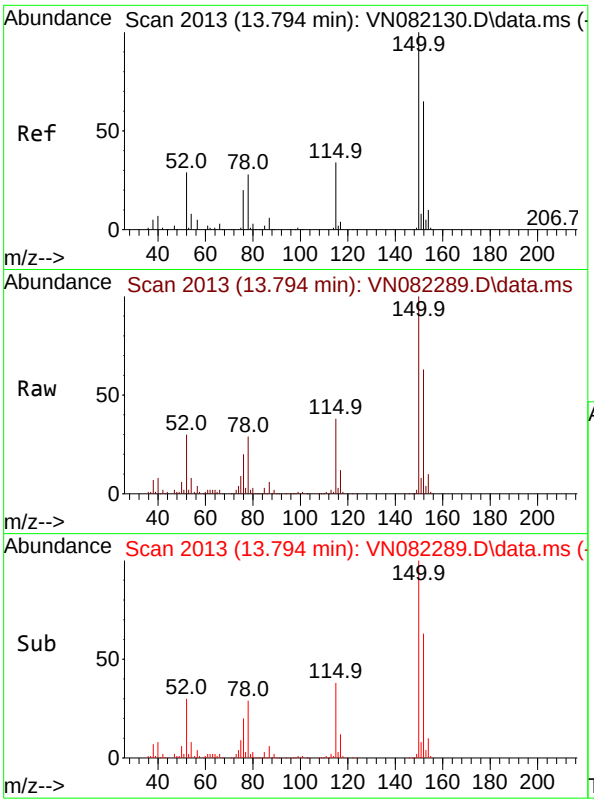


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082289.D
Acq: 22 May 2024 13:28

Tgt Ion:117 Resp: 345326

Ion	Ratio	Lower	Upper
117	100		
82	61.5	44.6	66.8
119	31.0	25.9	38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN082289.D
Acq: 22 May 2024 13:28

Instrument :
MSVOA_N
ClientSampleId :
PB161037ZHE#02

Tgt Ion:152 Resp: 148236

Ion	Ratio	Lower	Upper
152	100		
115	62.2	30.4	91.3
150	159.3	0.0	353.2