Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
Data File : VN075615.D
Acq On : 07 Dec 2022 18:43
Operator : JC\MD
Sample : N5883-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MH-18

Quant Time: Dec 08 00:23:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	199522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	334540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	300073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	136975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	56991	53.213	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.420%			
35) Dibromofluoromethane	8.177	113	72380	55.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.160%			
50) Toluene-d8	10.571	98	159631	53.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.860%			
62) 4-Bromofluorobenzene	12.853	95	115154	52.709	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.420%			
Target Compounds						Qvalue
16) Acetone	4.447	43	22760	22.783	ug/l #	83
20) Methylene Chloride	5.289	84	10531	4.023	ug/l	86
37) Ethyl Acetate	7.565	43	25435	9.856	ug/l	98
43) Isopropyl Acetate	8.694	43	170068	41.058	ug/l #	82

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

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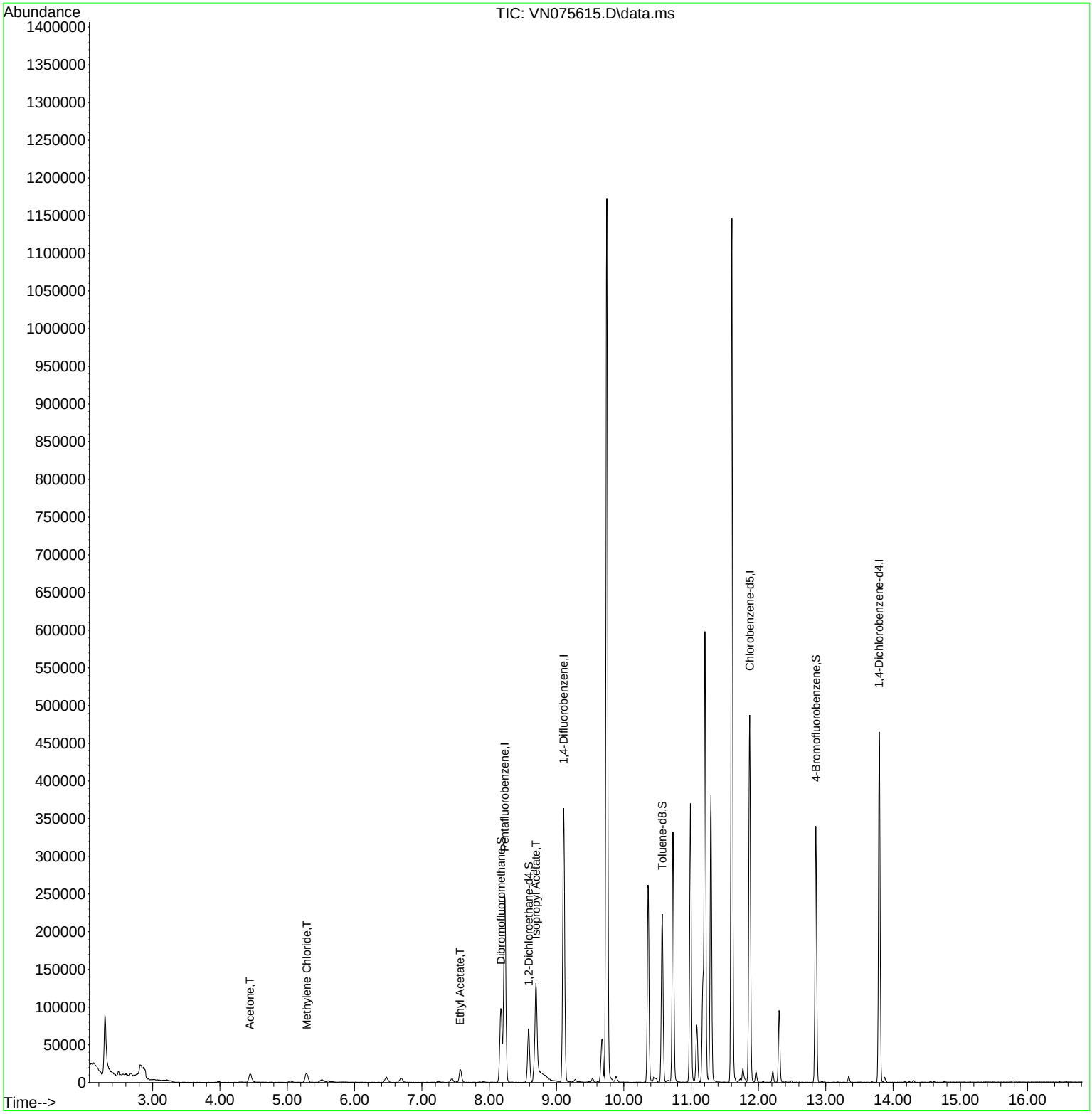
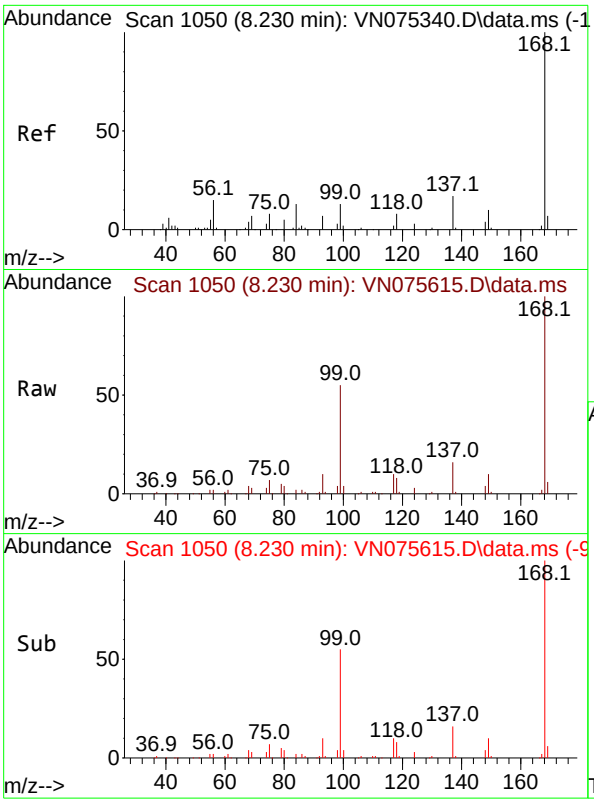


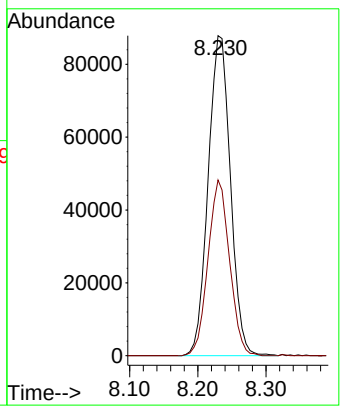


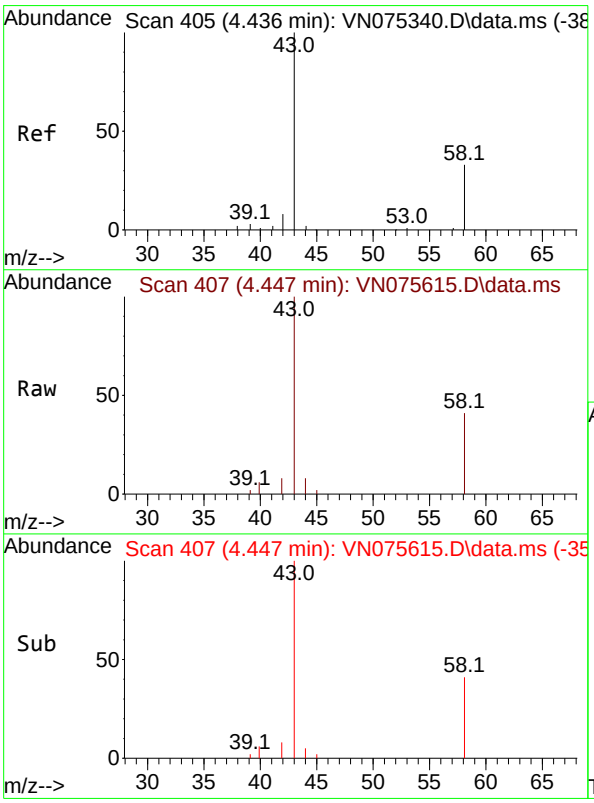
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Instrument :
MSVOA_N
ClientSampleId :
MH-18

Tgt Ion:168 Resp: 199522

Ion	Ratio	Lower	Upper
168	100		
99	54.9	51.6	77.4

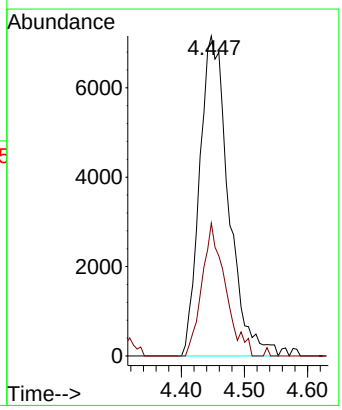


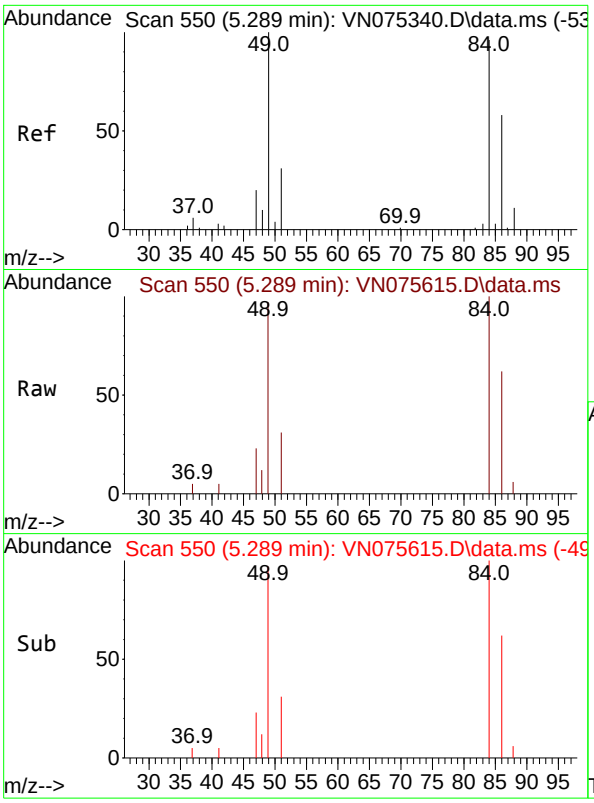


#16
Acetone
Concen: 22.783 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.011 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Tgt Ion: 43 Resp: 22760

Ion	Ratio	Lower	Upper
43	100		
58	41.5	25.5	38.3#



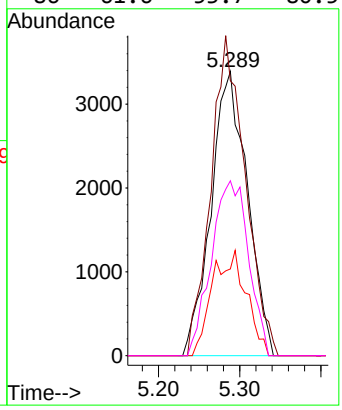


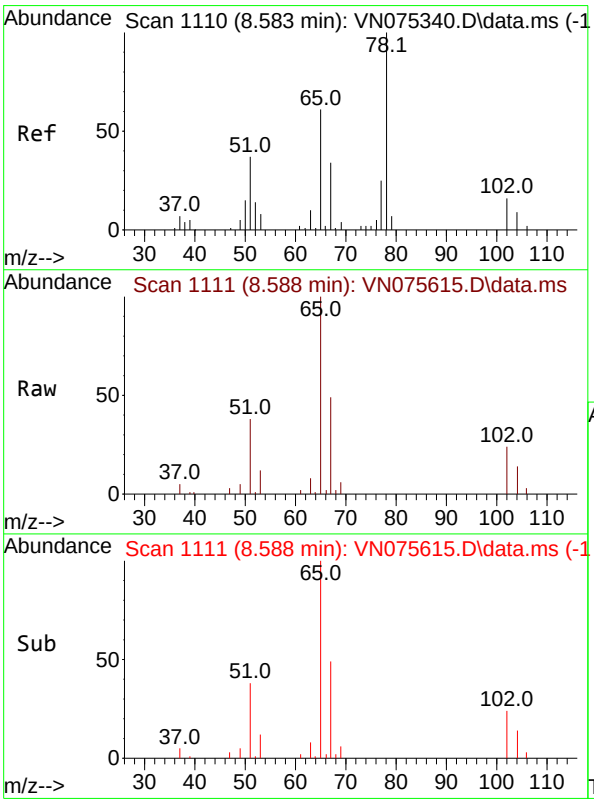
#20
Methylene Chloride
Concen: 4.023 ug/l
RT: 5.289 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Instrument :
MSVOA_N
ClientSampleId :
MH-18

Tgt Ion: 84 Resp: 10531

Ion	Ratio	Lower	Upper
84	100		
49	96.8	94.9	142.3
51	30.5	26.8	40.2
86	61.6	53.7	80.5

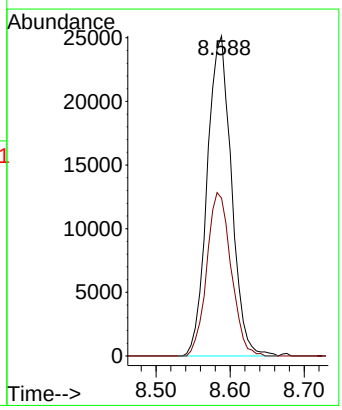


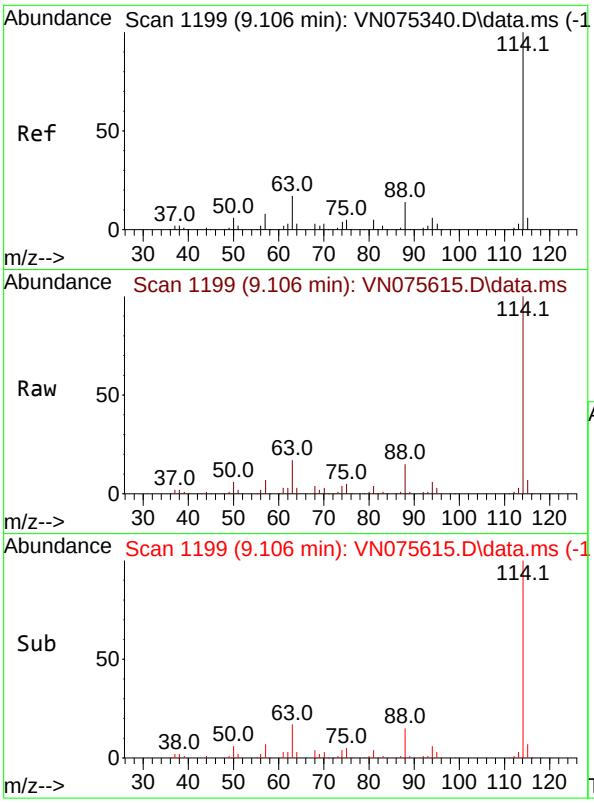


#33
1,2-Dichloroethane-d4
Concen: 53.213 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Tgt Ion: 65 Resp: 56991

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.0



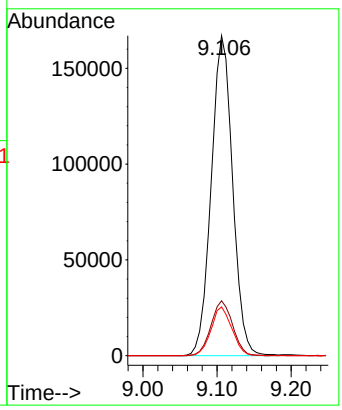


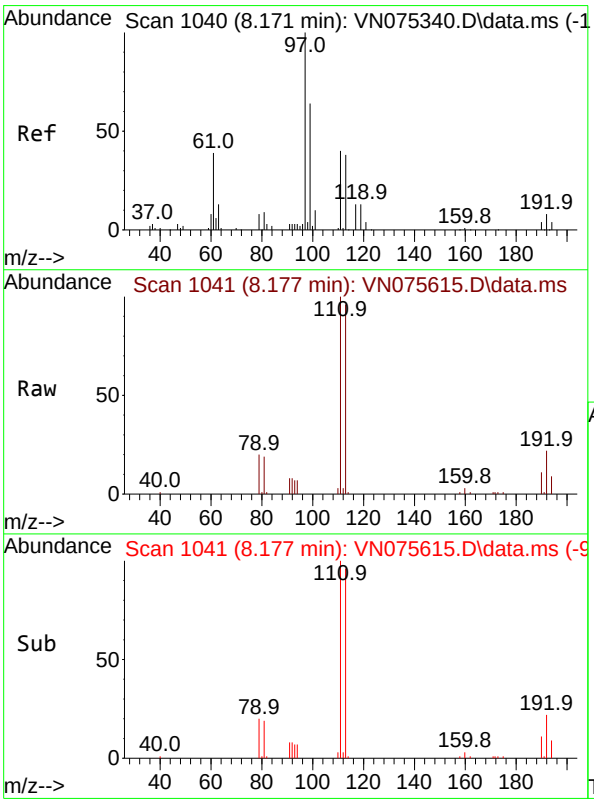
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Instrument :
MSVOA_N
ClientSampleId :
MH-18

Tgt Ion:114 Resp: 334540

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	39.6
88	15.2	0.0	29.0

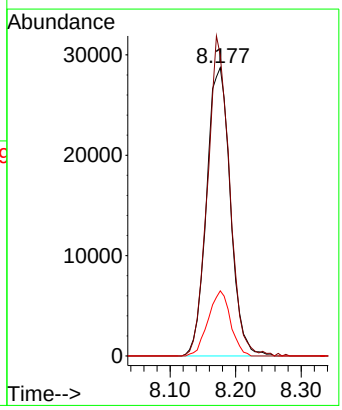


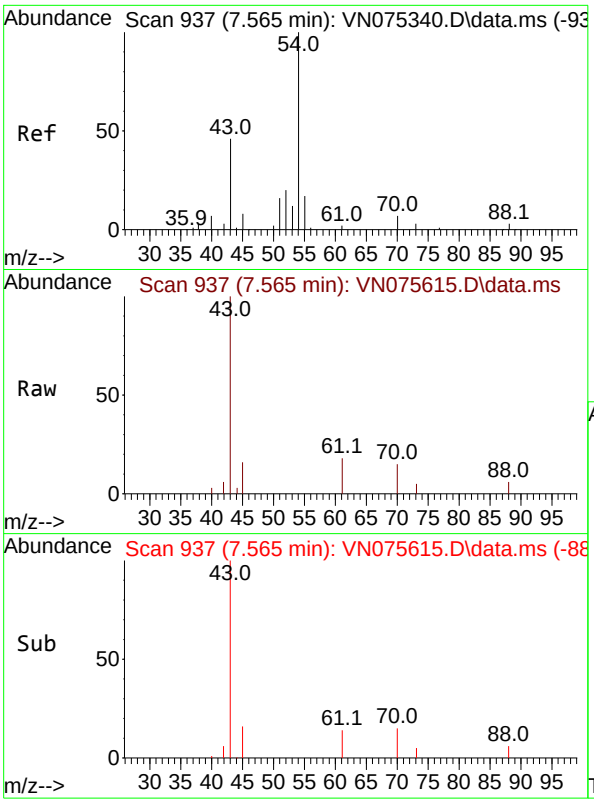


#35
Dibromofluoromethane
Concen: 55.076 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Tgt Ion:113 Resp: 72380

Ion	Ratio	Lower	Upper
113	100		
111	102.5	80.5	120.7
192	21.1	13.2	19.8#



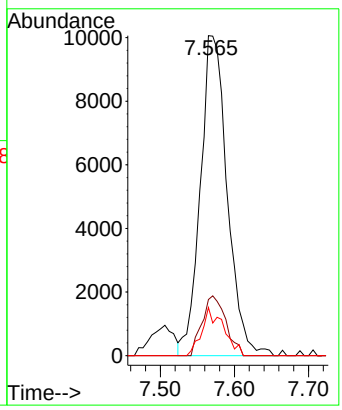


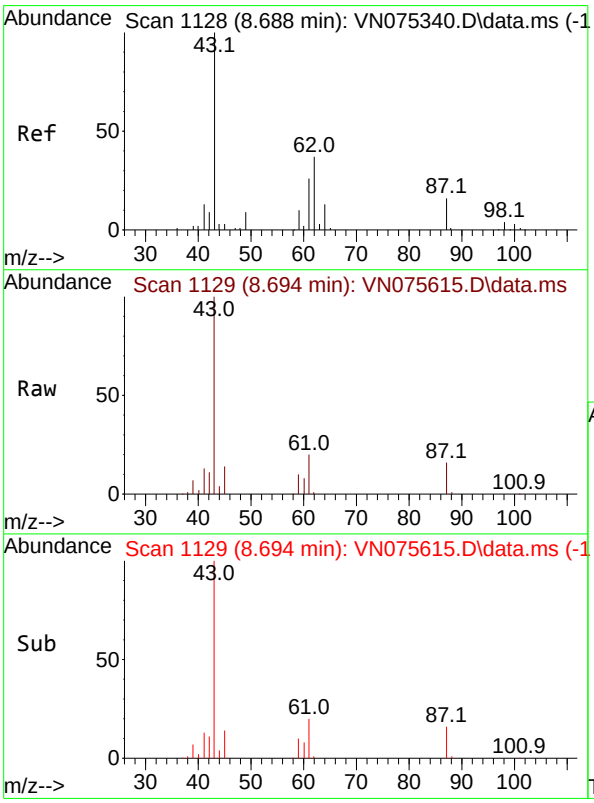
#37
Ethyl Acetate
Concen: 9.856 ug/l
RT: 7.565 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Instrument :
MSVOA_N
ClientSampleId :
MH-18

Tgt Ion: 43 Resp: 25435

Ion	Ratio	Lower	Upper
43	100		
61	16.5	12.2	18.4
70	12.1	9.4	14.2

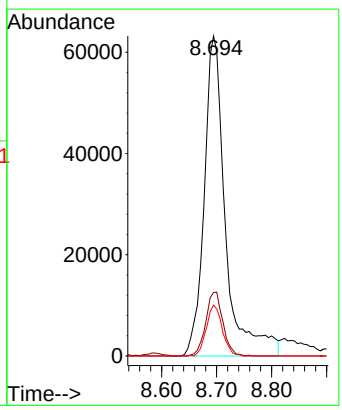


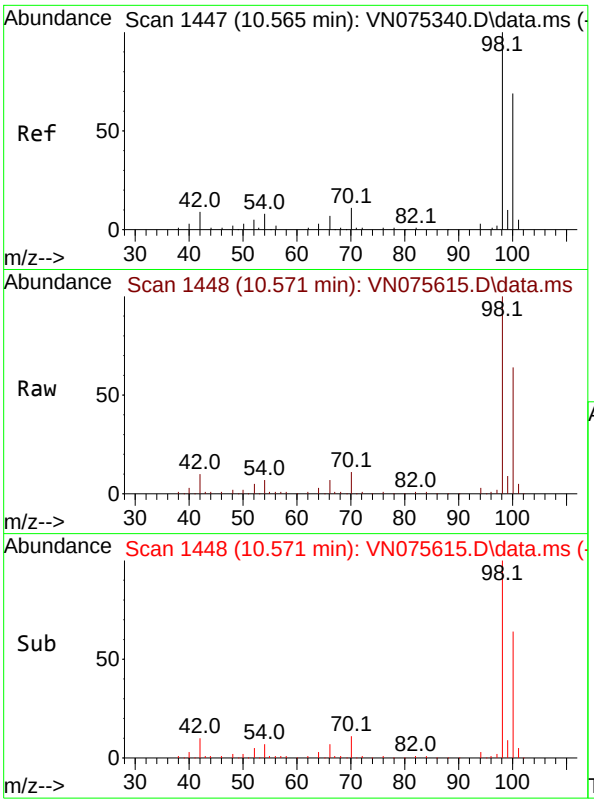


#43
Isopropyl Acetate
Concen: 41.058 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Tgt Ion: 43 Resp: 170068

Ion	Ratio	Lower	Upper
43	100		
61	16.0	22.4	33.6#
87	11.9	12.5	18.7#



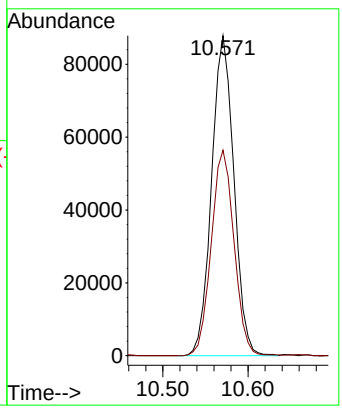


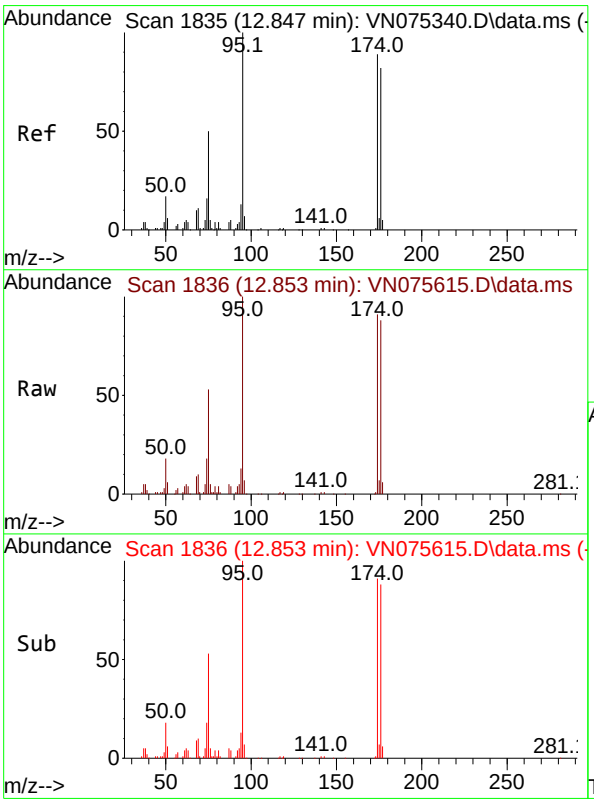
#50
Toluene-d8
Concen: 53.931 ug/l
RT: 10.571 min Scan# 14
Delta R.T. 0.006 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Instrument :
MSVOA_N
ClientSampleId :
MH-18

Tgt Ion: 98 Resp: 159631

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6

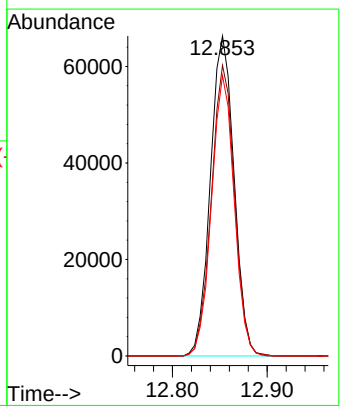


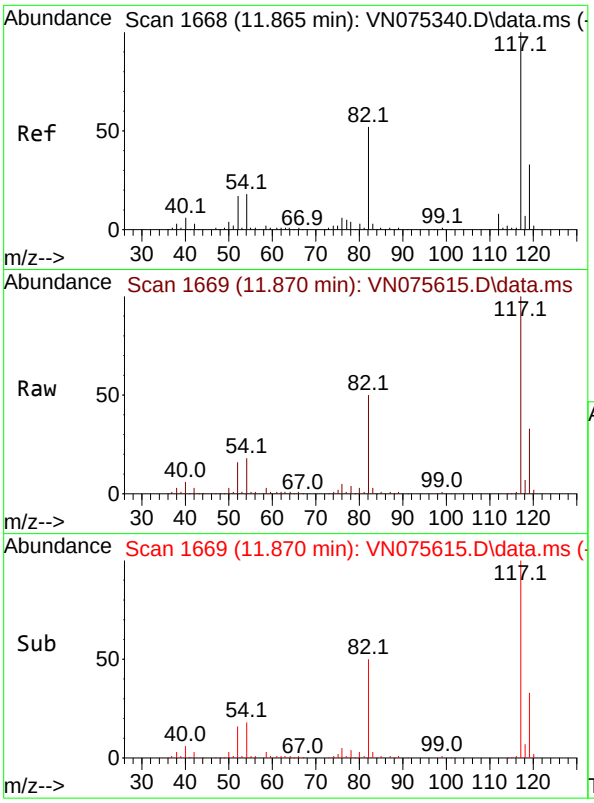


#62
4-Bromofluorobenzene
Concen: 52.709 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Tgt Ion: 95 Resp: 115154

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	147.4
176	84.1	0.0	142.2



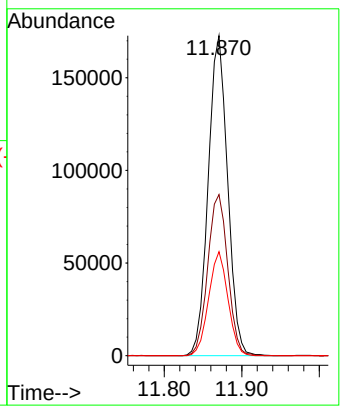


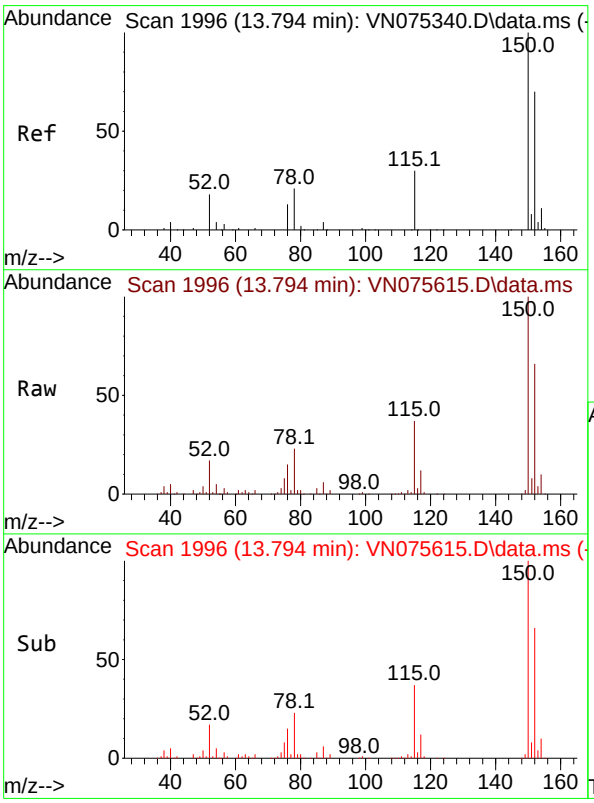
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.005 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Instrument :
MSVOA_N
ClientSampleId :
MH-18

Tgt Ion:117 Resp: 300073

Ion	Ratio	Lower	Upper
117	100		
82	50.4	43.1	64.7
119	32.5	25.5	38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075615.D
Acq: 07 Dec 2022 18:43

Tgt Ion:152 Resp: 136975

Ion	Ratio	Lower	Upper
152	100		
115	55.6	30.2	90.6
150	154.9	0.0	348.4