Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092123\
Data File : VN079322.D
Acq On : 21 Sep 2023 13:46
Operator : JC\MD
Sample : 04501-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Quant Time: Sep 22 02:30:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	151682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	295862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	269587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	126812	61.933	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.860%			
35) Dibromofluoromethane	8.171	113	98450	50.025	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.040%			
50) Toluene-d8	10.571	98	356683	49.359	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.720%			
62) 4-Bromofluorobenzene	12.853	95	110311	47.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.720%			
Target Compounds						Qvalue
16) Acetone	4.448	43	23867	27.446	ug/l	91
20) Methylene Chloride	5.283	84	16018	7.569	ug/l #	87
25) 2-Butanone	7.500	43	12651	10.027	ug/l #	76
43) Isopropyl Acetate	8.694	43	142405	28.845	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	29992	10.465	ug/l #	79

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

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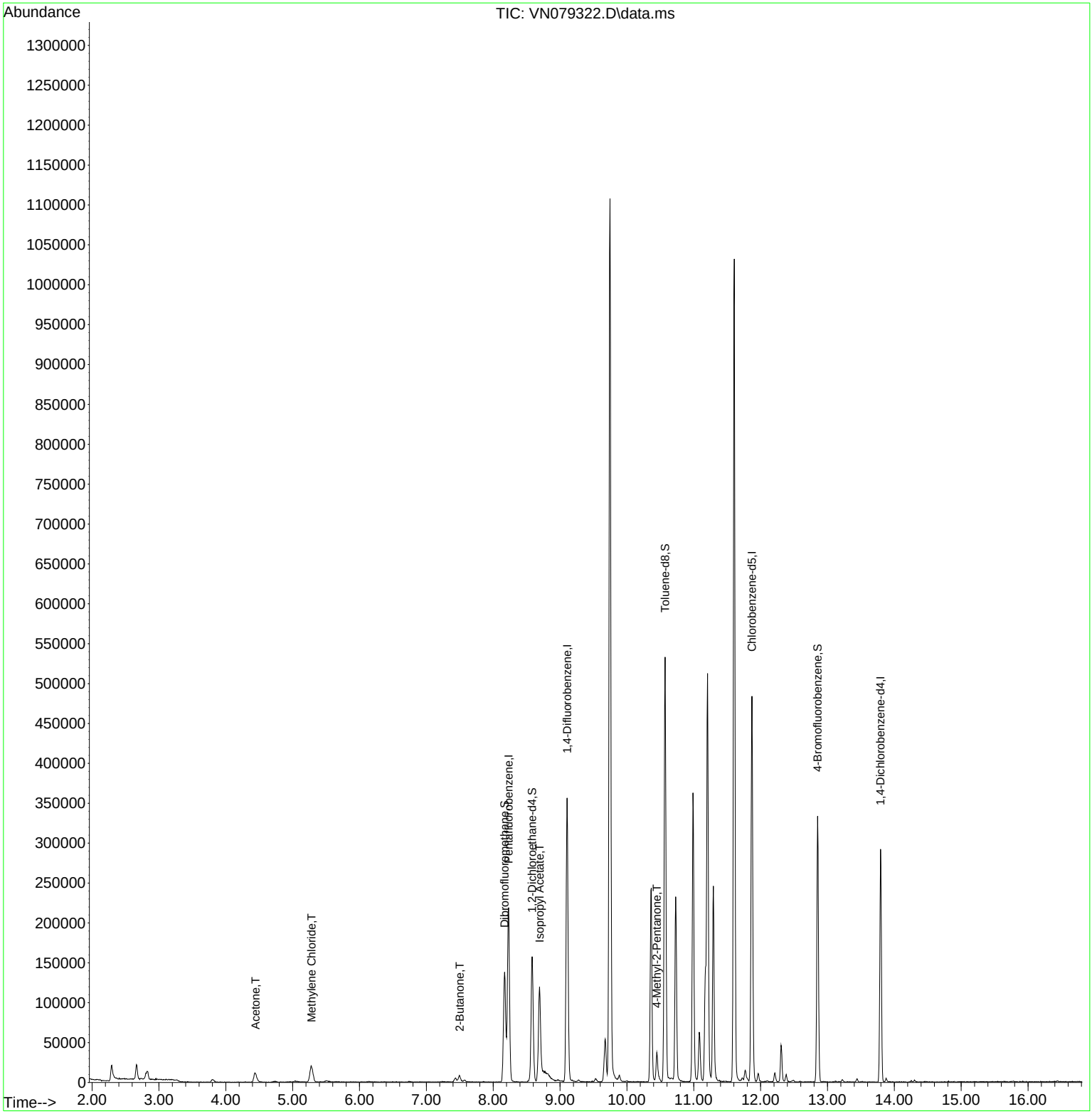
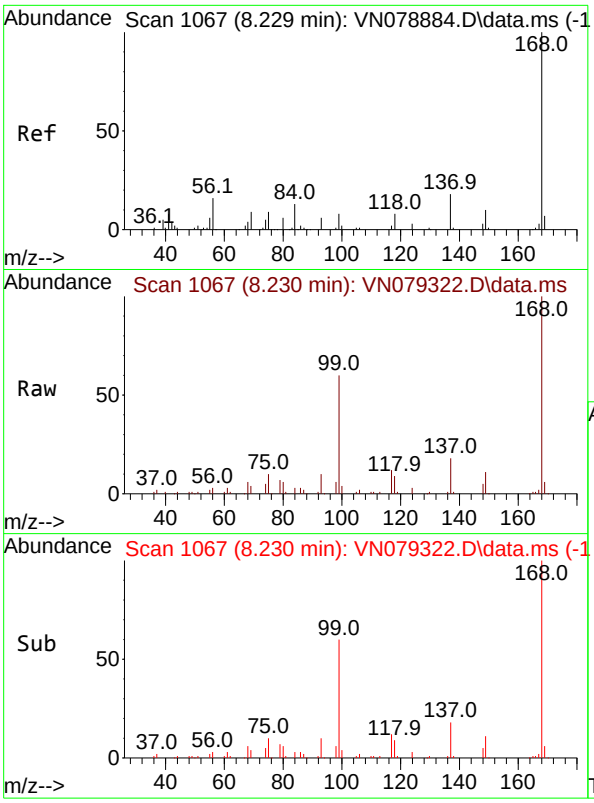


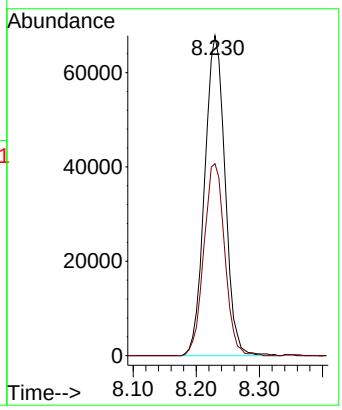


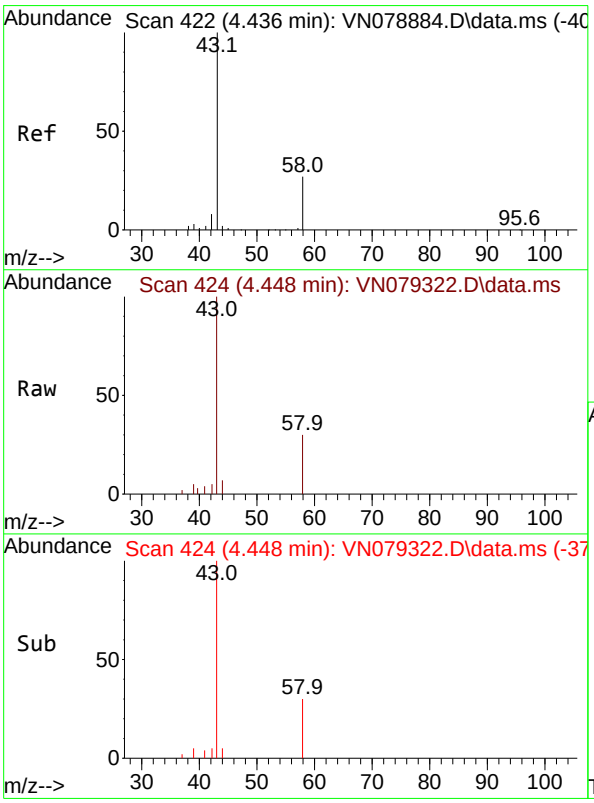
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:168 Resp: 151682

Ion	Ratio	Lower	Upper
168	100		
99	60.0	53.0	79.6

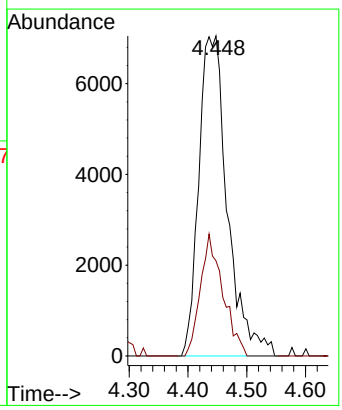


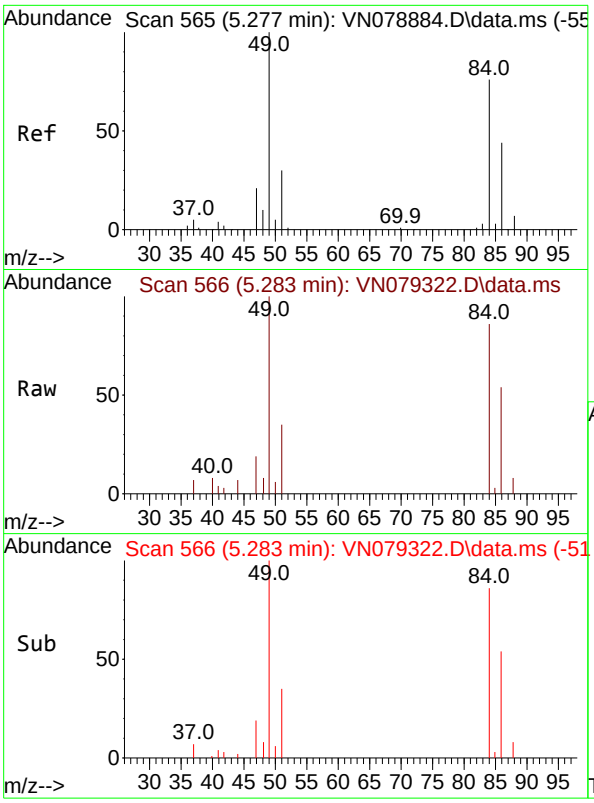


#16
Acetone
Concen: 27.446 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Tgt Ion: 43 Resp: 23867

Ion	Ratio	Lower	Upper
43	100		
58	29.7	28.0	42.0



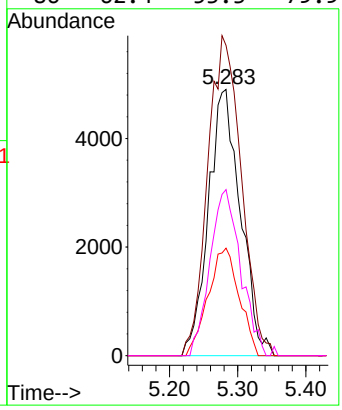


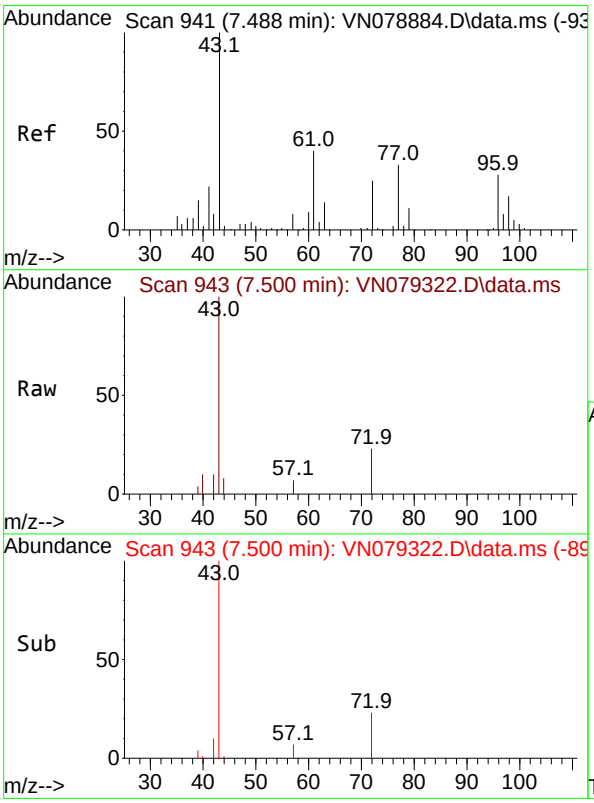
#20
Methylene Chloride
Concen: 7.569 ug/l
RT: 5.283 min Scan# 5
Delta R.T. -0.000 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 84 Resp: 16018

Ion	Ratio	Lower	Upper
84	100		
49	116.5	79.7	119.5
51	40.4	25.2	37.8#
86	62.4	53.3	79.9

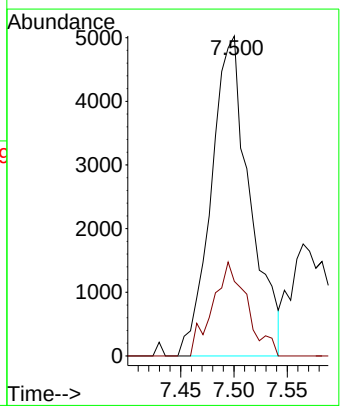


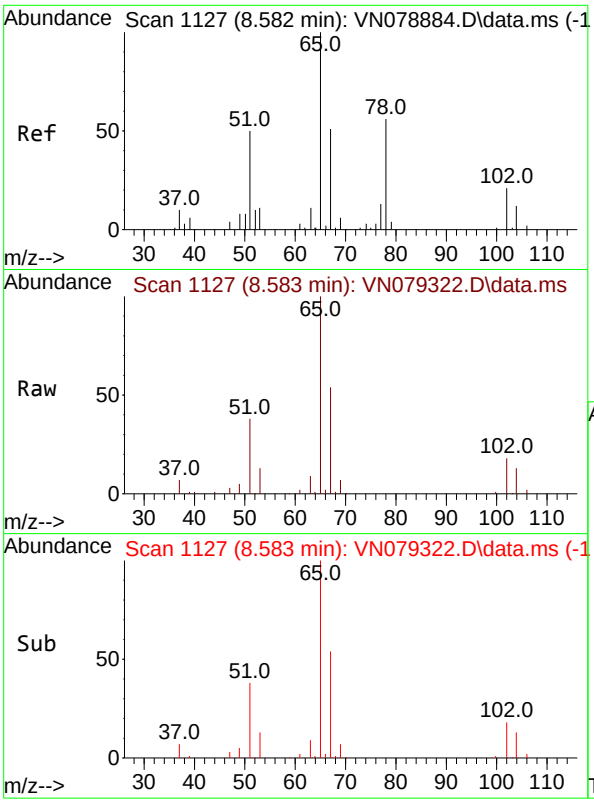


#25
2-Butanone
Concen: 10.027 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Tgt Ion: 43 Resp: 12651

Ion	Ratio	Lower	Upper
43	100		
72	23.3	30.2	45.2#



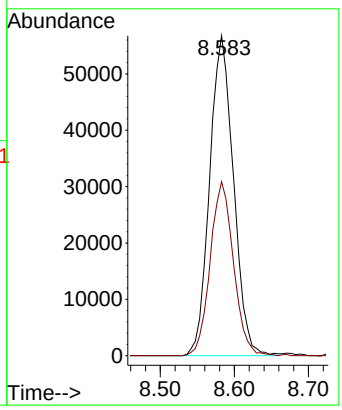


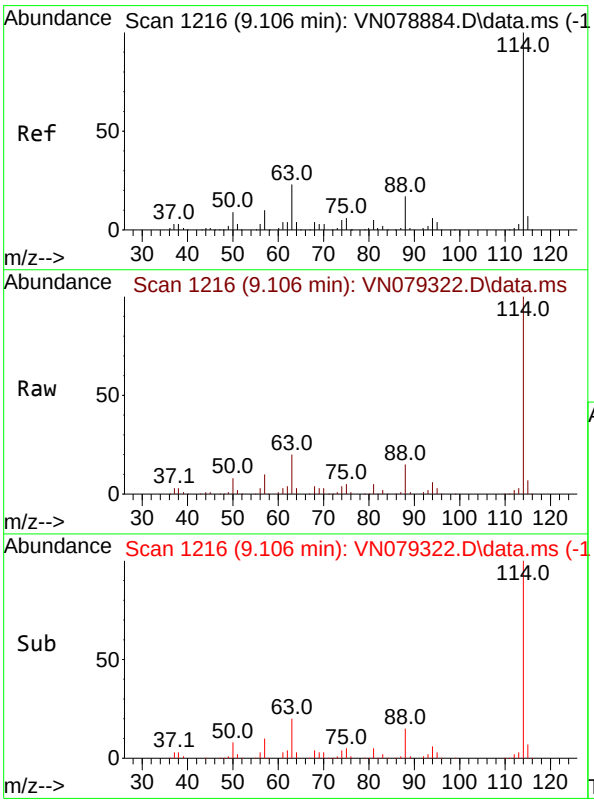
#33
1,2-Dichloroethane-d4
Concen: 61.933 ug/l
RT: 8.583 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 65 Resp: 126812

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.6

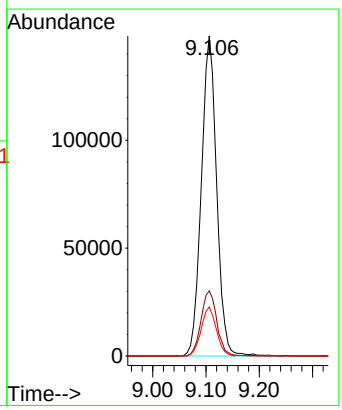


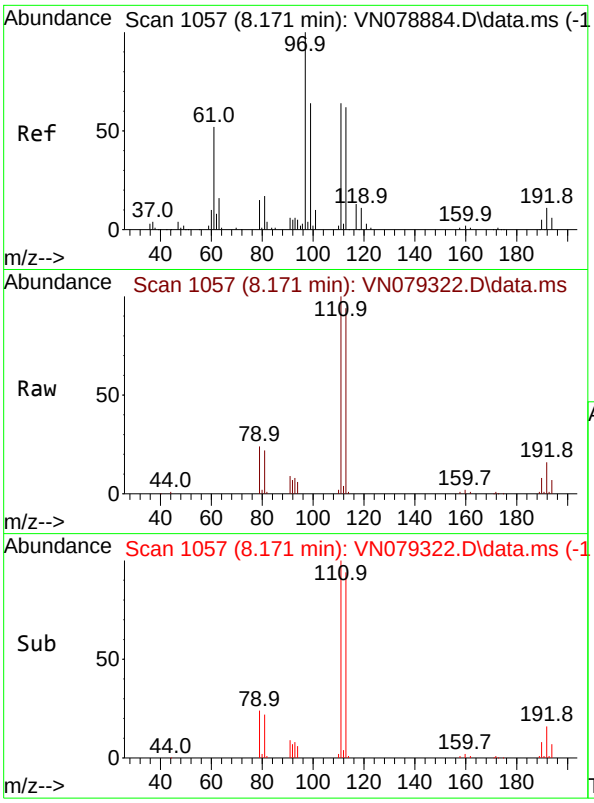


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Tgt Ion:114 Resp: 295862

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	36.4
88	15.3	0.0	30.6



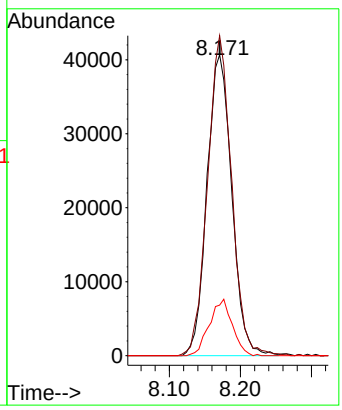


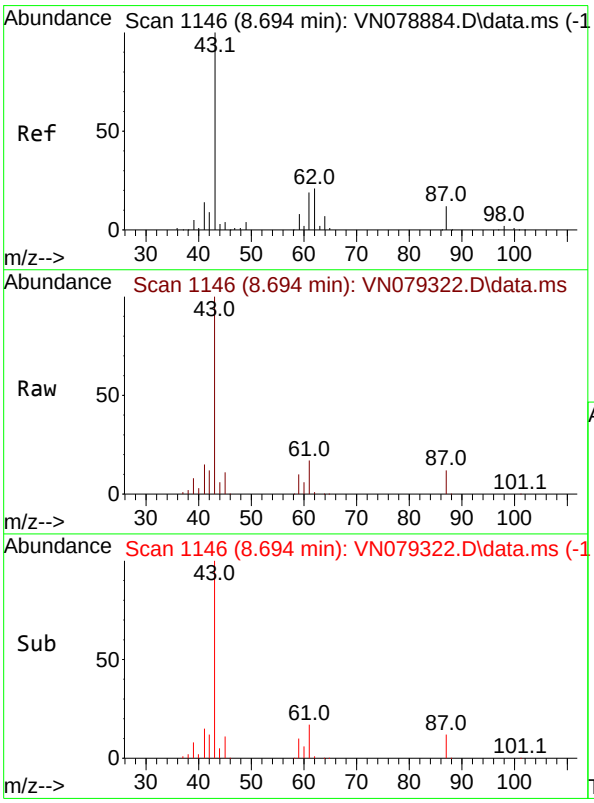
#35
Dibromofluoromethane
Concen: 50.025 ug/l
RT: 8.171 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:113 Resp: 98450

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.6	123.8
192	17.4	12.7	19.1

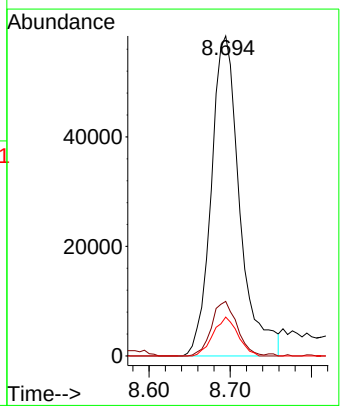


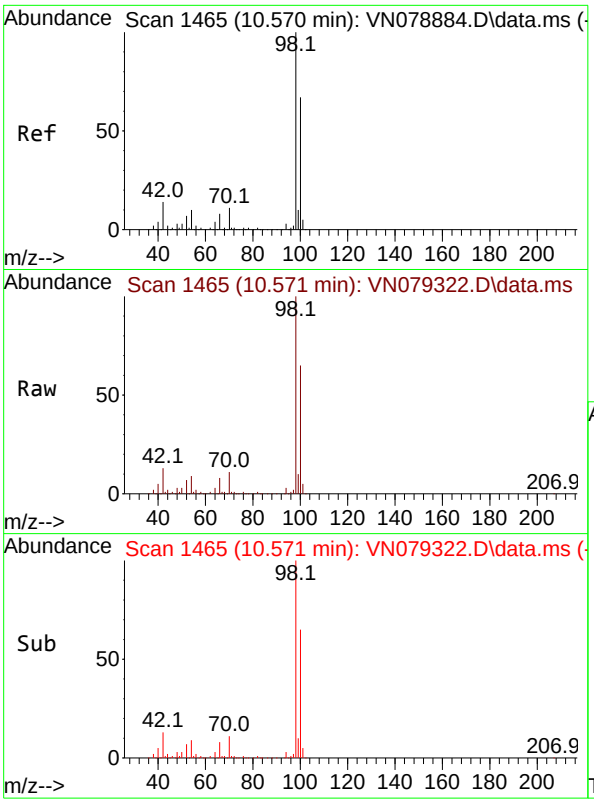


#43
Isopropyl Acetate
Concen: 28.845 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Tgt Ion: 43 Resp: 142405

Ion	Ratio	Lower	Upper
43	100		
61	15.3	24.7	37.1#
87	10.5	14.6	21.8#



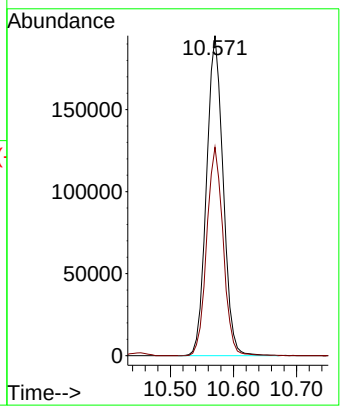


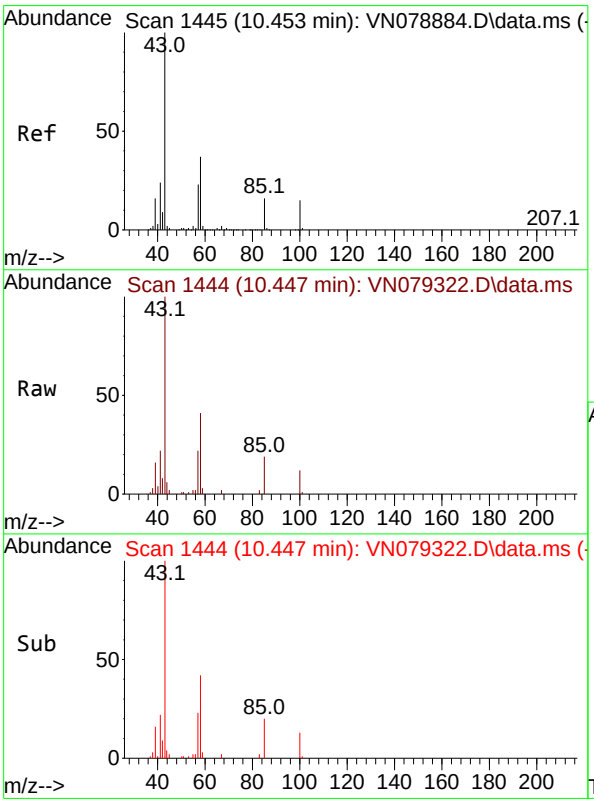
#50
Toluene-d8
Concen: 49.359 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 98 Resp: 356683

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0

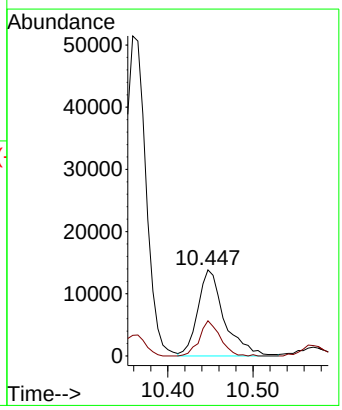


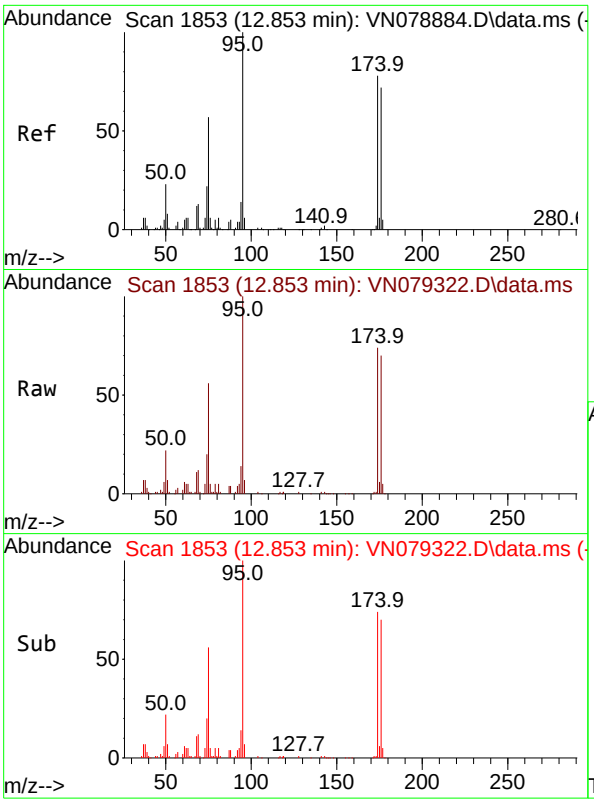


#51
4-Methyl-2-Pentanone
Concen: 10.465 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Tgt Ion: 43 Resp: 29992

Ion	Ratio	Lower	Upper
43	100		
58	31.7	36.6	54.8#



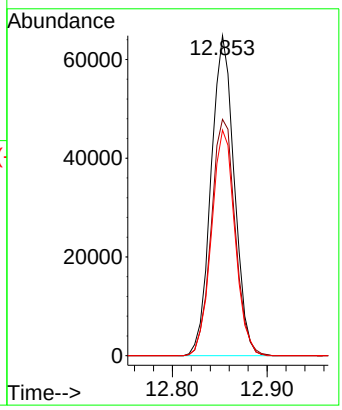


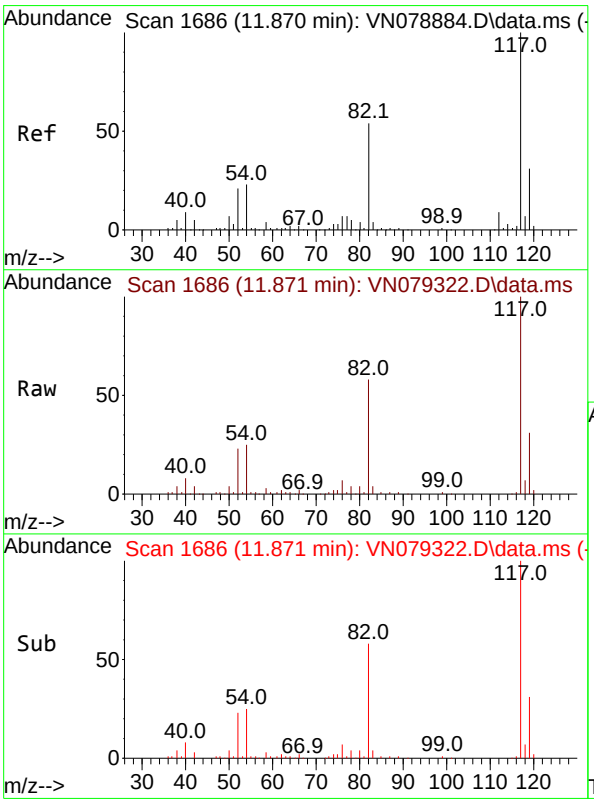
#62
4-Bromofluorobenzene
Concen: 47.857 ug/l
RT: 12.853 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion: 95 Resp: 110311

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	143.8
176	71.3	0.0	135.8

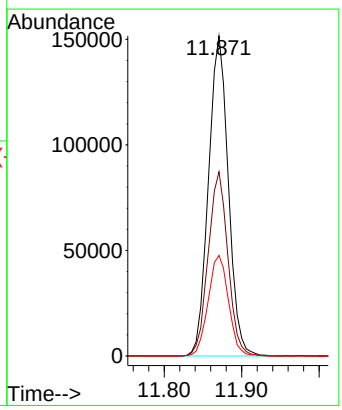


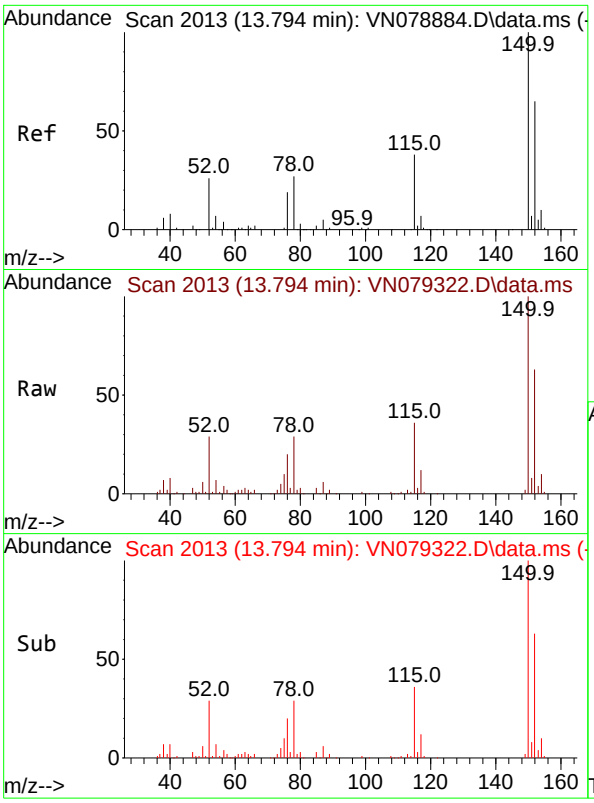


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Tgt Ion:117 Resp: 269587

Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.0	66.0
119	31.4	25.6	38.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN079322.D
Acq: 21 Sep 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 72643

Ion	Ratio	Lower	Upper
152	100		
115	61.7	32.3	96.8
150	162.1	0.0	355.8