Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090420\
Data File : VN063238.D
Acq On : 4 Sep 2020 11:25
Operator : JC/MD
Sample : L3902-03DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SA-MW184I-20200901DL

Quant Time: Sep 05 07:28:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	264221	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	506236	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.38	117	498731	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198709	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	7.98	65	207927	48.14 ug/l	0.00
Spiked Amount 50.000			Recovery = 96.28%		
35) Dibromofluoromethane	7.55	113	165145	50.85 ug/l	0.00
Spiked Amount 50.000			Recovery = 101.70%		
50) Toluene-d8	10.06	98	642830	51.42 ug/l	0.00
Spiked Amount 50.000			Recovery = 102.84%		
62) 4-Bromofluorobenzene	12.38	95	221941	50.75 ug/l	0.00
Spiked Amount 50.000			Recovery = 101.50%		
Target Compounds					Qvalue
3) Chloromethane	2.03	50	1594	0.421 ug/l #	74
6) Chloroethane	2.68	64	14379	4.321 ug/l #	88
7) Trichlorofluoromethane	2.97	101	71	Below Cal #	19
11) Tert butyl alcohol	4.73	59	371	0.700 ug/l #	84
12) 1,1-Dichloroethene	3.70	96	10680	3.684 ug/l	99
13) Acrolein	3.56	56	105	16.257 ug/l #	1
15) Acrylonitrile	4.94	53	122	2.485 ug/l #	40
18) Methyl Acetate	4.28	43	749	0.238 ug/l #	87
20) Methylene Chloride	4.49	84	553	Below Cal #	58
24) 1,1-Dichloroethane	5.80	63	328774	51.692 ug/l	99
25) 2-Butanone	6.76	43	723	0.380 ug/l #	50
31) Cyclohexane	7.62	56	7696	Below Cal #	23
32) 1,1,1-Trichloroethane	7.53	97	15437	2.692 ug/l	97
36) 1,1-Dichloropropene	7.62	75	25077	5.153 ug/l #	46
37) Ethyl Acetate	6.87	43	75	0.396 ug/l #	72
38) Carbon Tetrachloride	7.62	117	28698	5.815 ug/l #	16
40) Benzene	8.00	78	2915	0.204 ug/l	91
49) 1,4-Dioxane	9.16	88	113	2.042 ug/l #	1
73) Isopropylbenzene	12.23	105	3161	0.207 ug/l	98
76) 1,2,3-Trichloropropane	12.38	75	125184	32.064 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	125184	77.498 ug/l #	10
85) sec-Butylbenzene	13.15	105	3176	0.224 ug/l	87
88) 1,4-Dichlorobenzene	13.34	146	1789	0.273 ug/l #	25
94) Hexachlorobutadiene	14.99	225	260	0.203 ug/l #	26
95) Naphthalene	15.11	128	7213	0.630 ug/l #	89

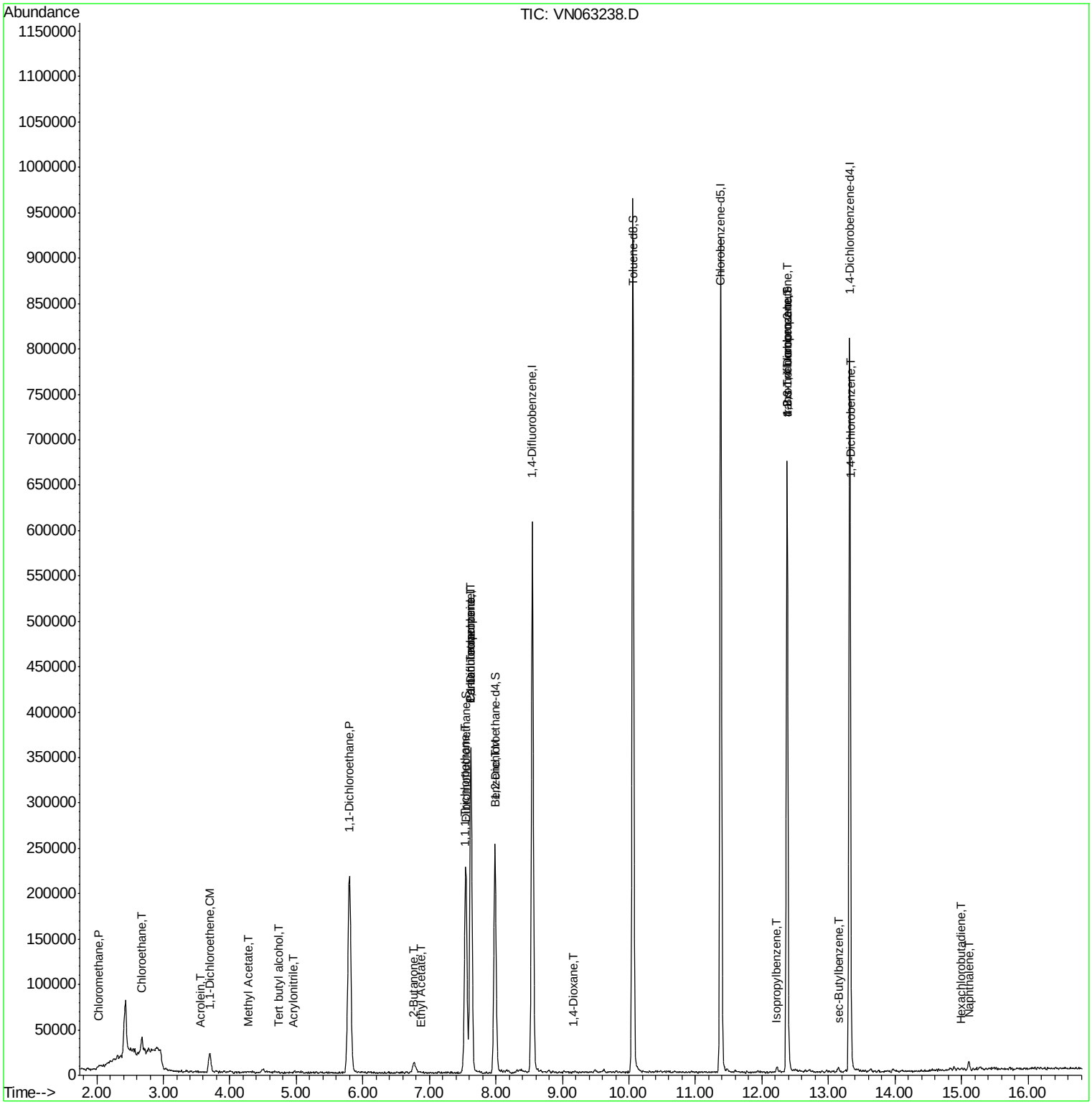
(#) = qualifier out of range (m) = manual integration (+) = signals summed

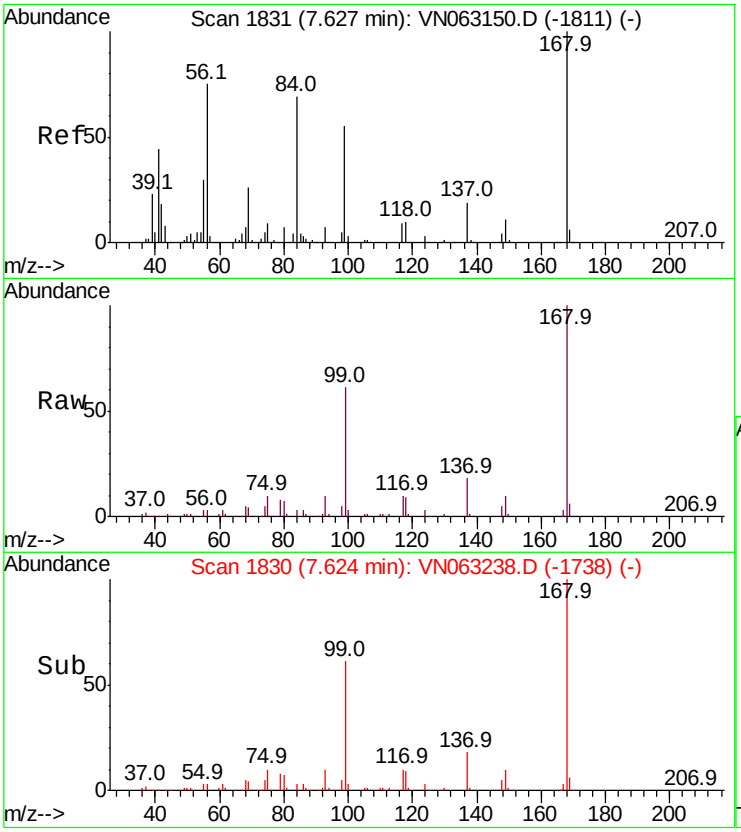
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090420\
Data File : VN063238.D
Acq On : 4 Sep 2020 11:25
Operator : JC/MD
Sample : L3902-03DL 4X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Quant Time: Sep 05 07:28:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration



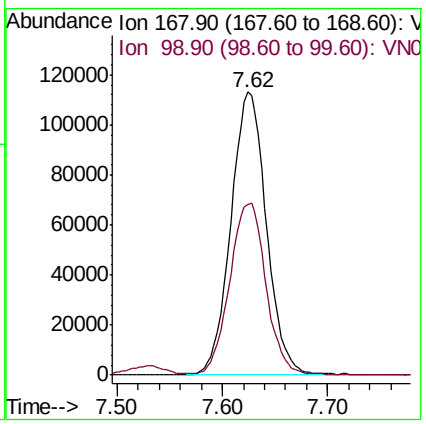


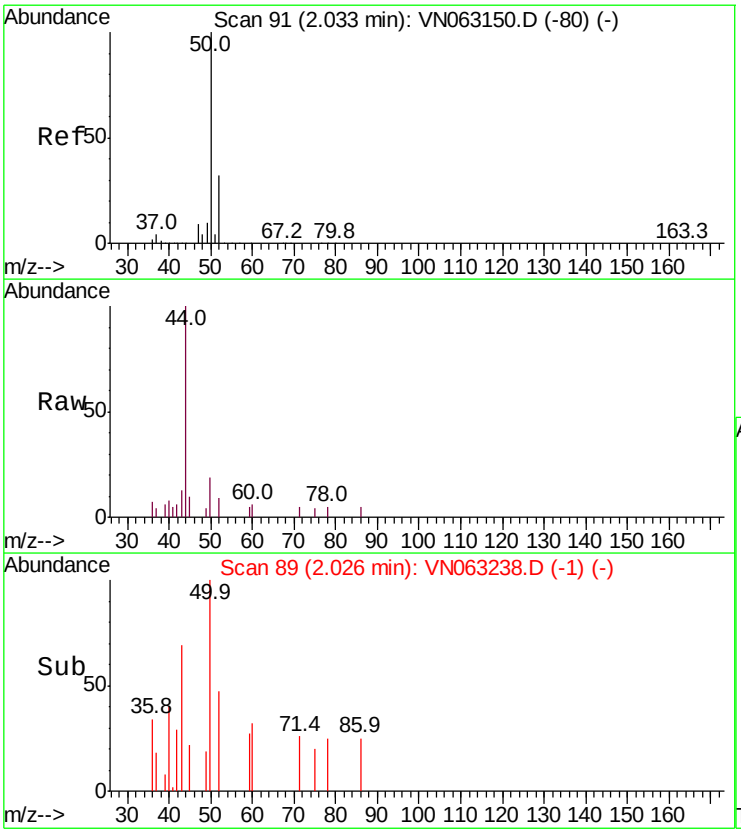
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion:168 Resp: 264221

Ion	Ratio	Lower	Upper
168	100		
99	60.3	54.2	81.2

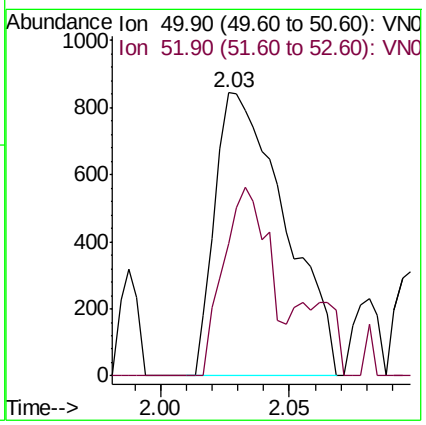


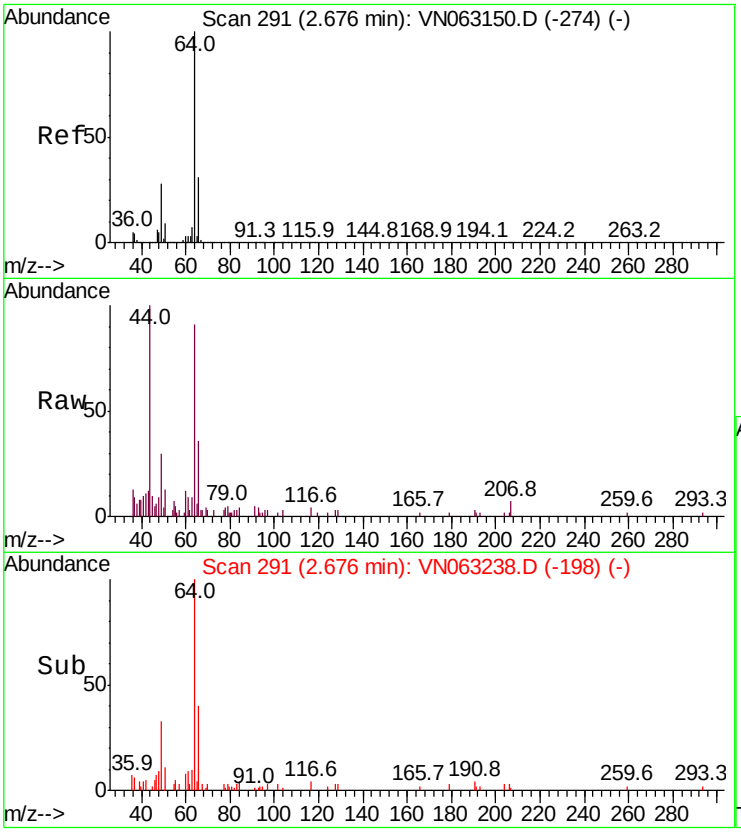


#3
Chloromethane
Concen: 0.421 ug/l
RT: 2.03 min Scan# 89
Delta R.T. -0.01 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion: 50 Resp: 1594

Ion	Ratio	Lower	Upper
50	100		
52	46.9	25.8	38.6#



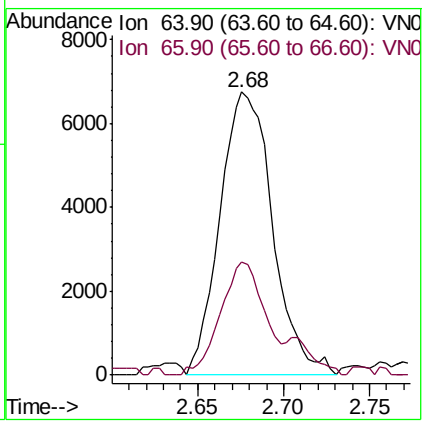


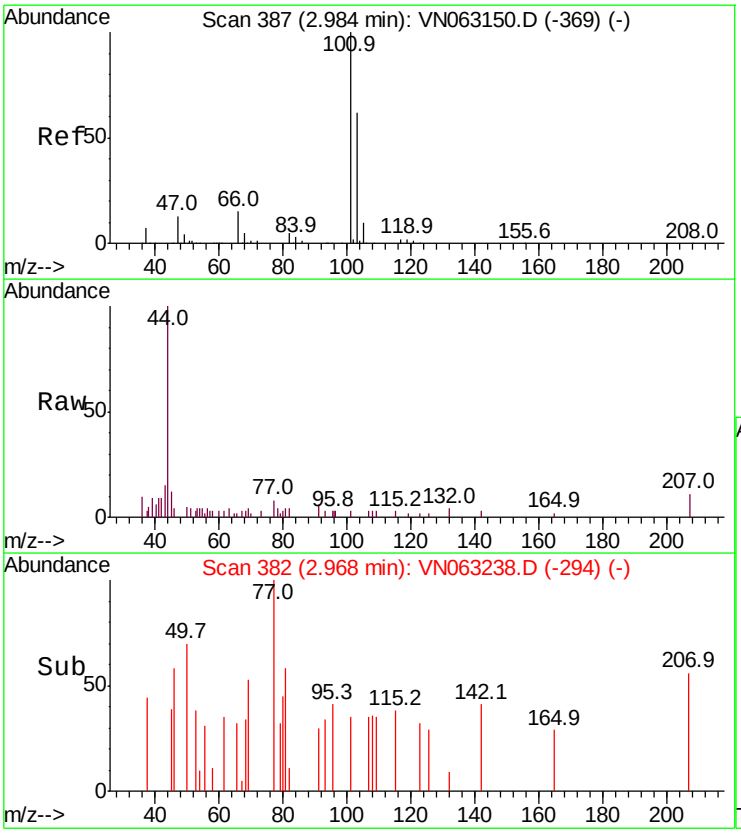
#6
Chloroethane
Concen: 4.321 ug/l
RT: 2.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion: 64 Resp: 14379

Ion	Ratio	Lower	Upper
64	100		
66	37.7	24.7	37.1#

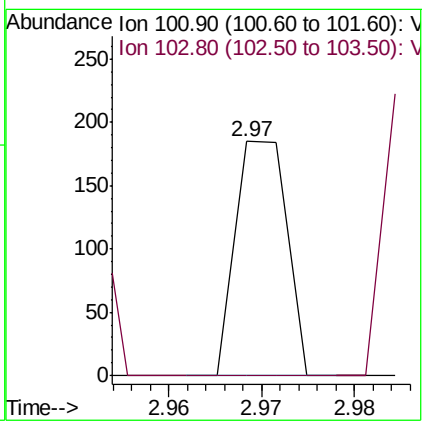


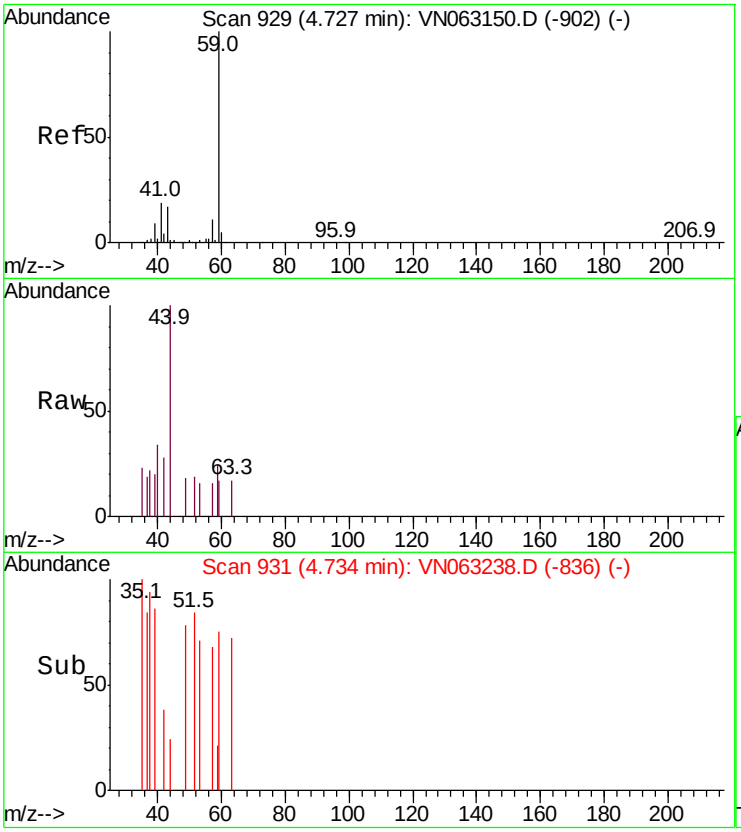


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 2.97 min Scan# 382
Delta R.T. -0.02 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion:101 Resp: 71

Ion	Ratio	Lower	Upper
101	100		
103	0.0	49.7	74.5#



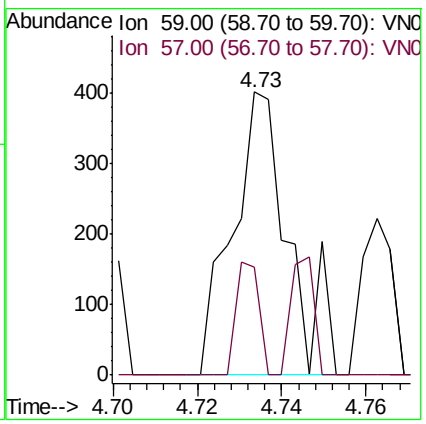


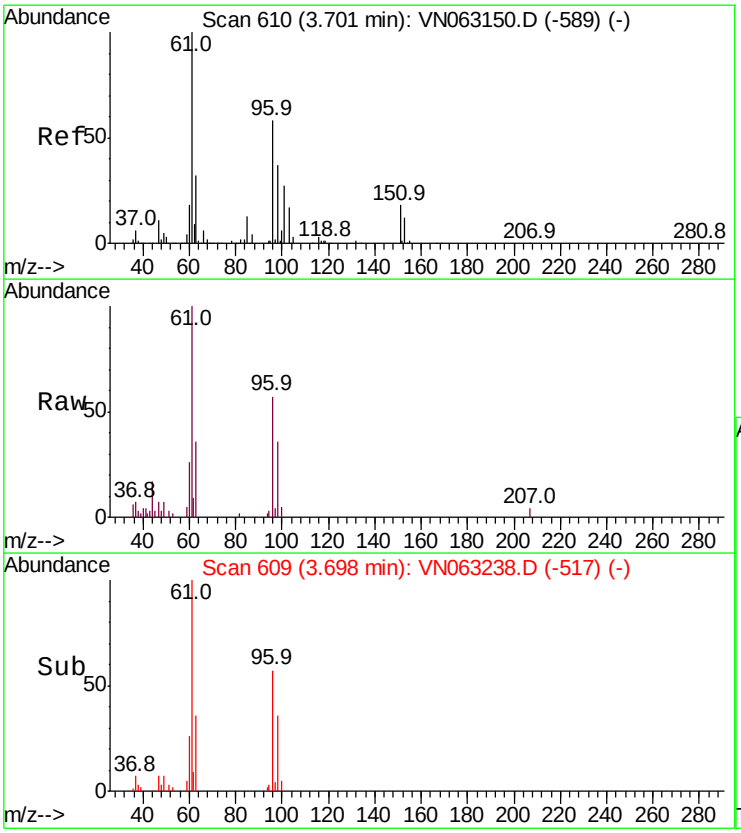
#11
Tert butyl alcohol
Concen: 0.700 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion: 59 Resp: 371

Ion	Ratio	Lower	Upper
59	100		
57	16.4	8.4	12.6#

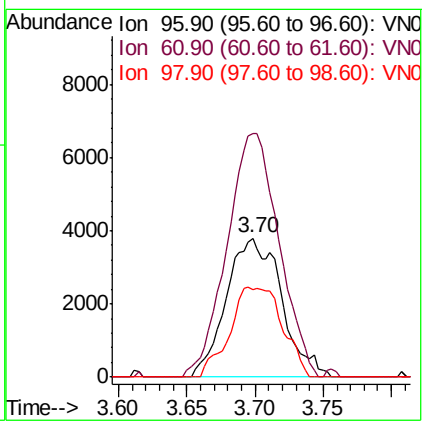


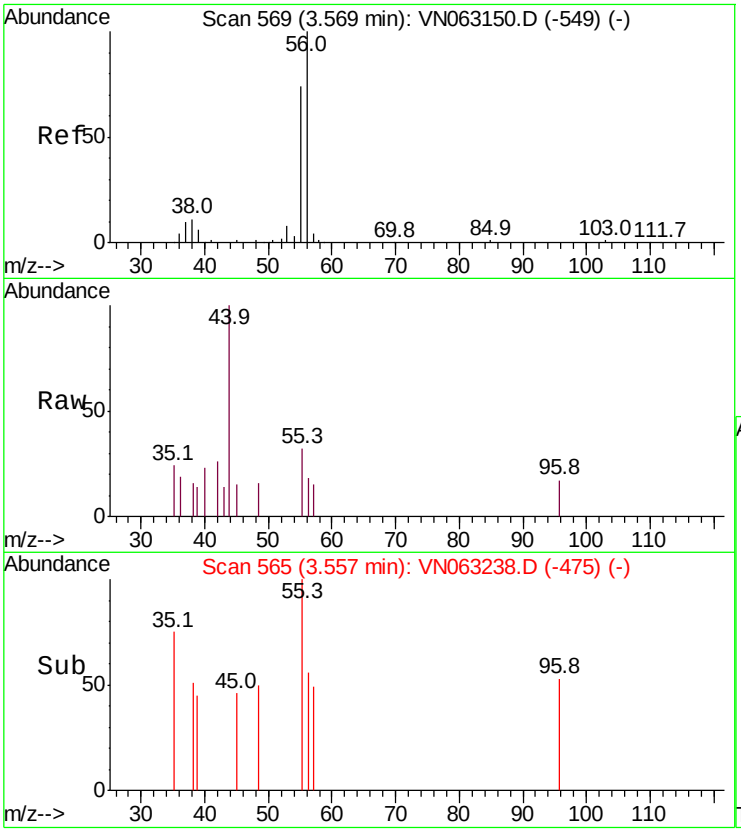


#12
1,1-Dichloroethene
Concen: 3.684 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion: 96 Resp: 10680

Ion	Ratio	Lower	Upper
96	100		
61	170.8	137.4	206.2
98	63.2	50.5	75.7



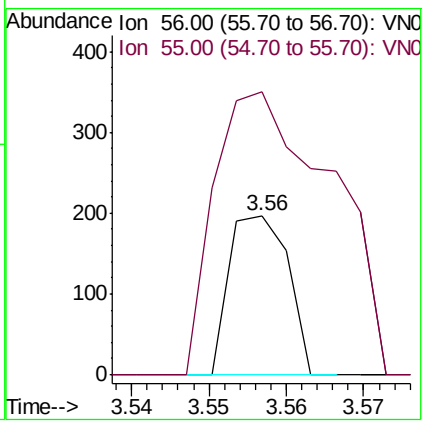


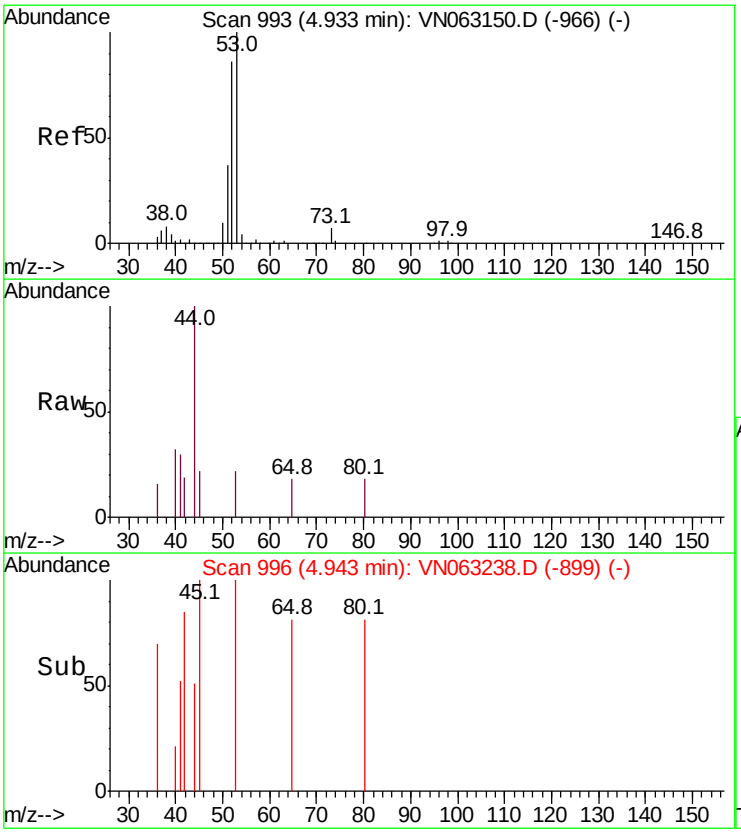
#13
Acrolein
Concen: 16.257 ug/l
RT: 3.56 min Scan# 565
Delta R.T. -0.01 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion: 56 Resp: 105

Ion	Ratio	Lower	Upper
56	100		
55	351.4	55.4	83.0#

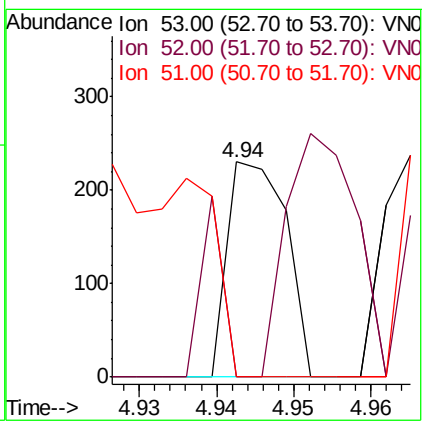


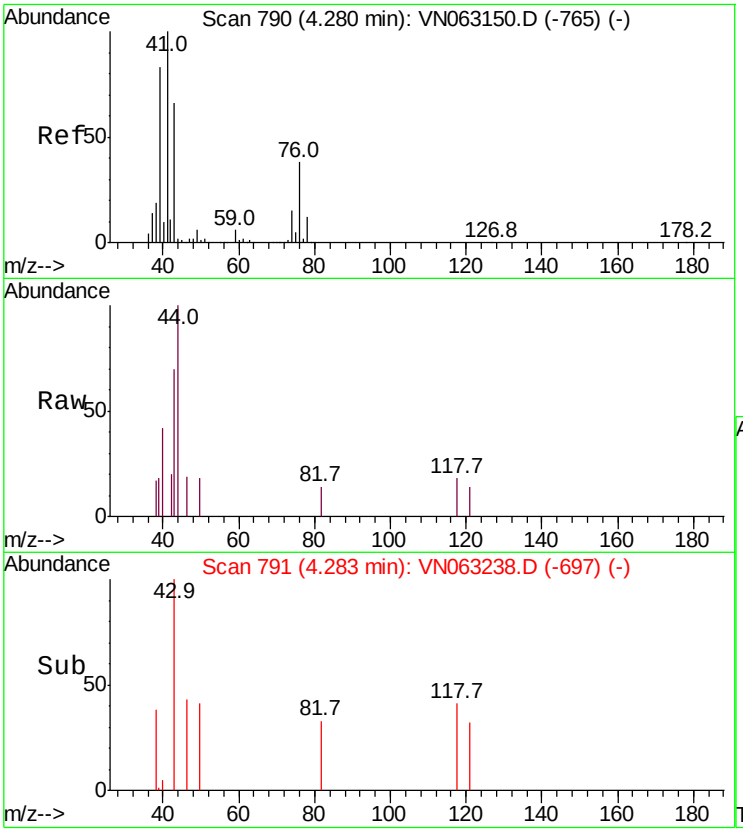


#15
Acrylonitrile
Concen: 2.485 ug/l
RT: 4.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion: 53 Resp: 122

Ion	Ratio	Lower	Upper
53	100		
52	30.3	67.2	100.8#
51	0.0	30.2	45.4#



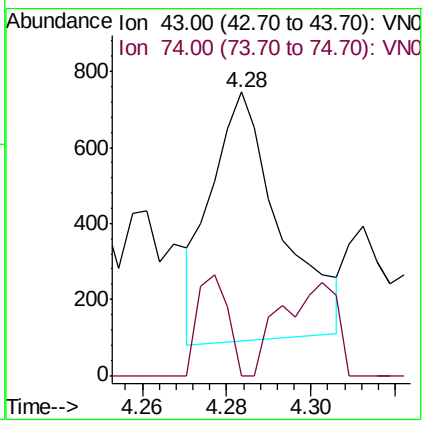


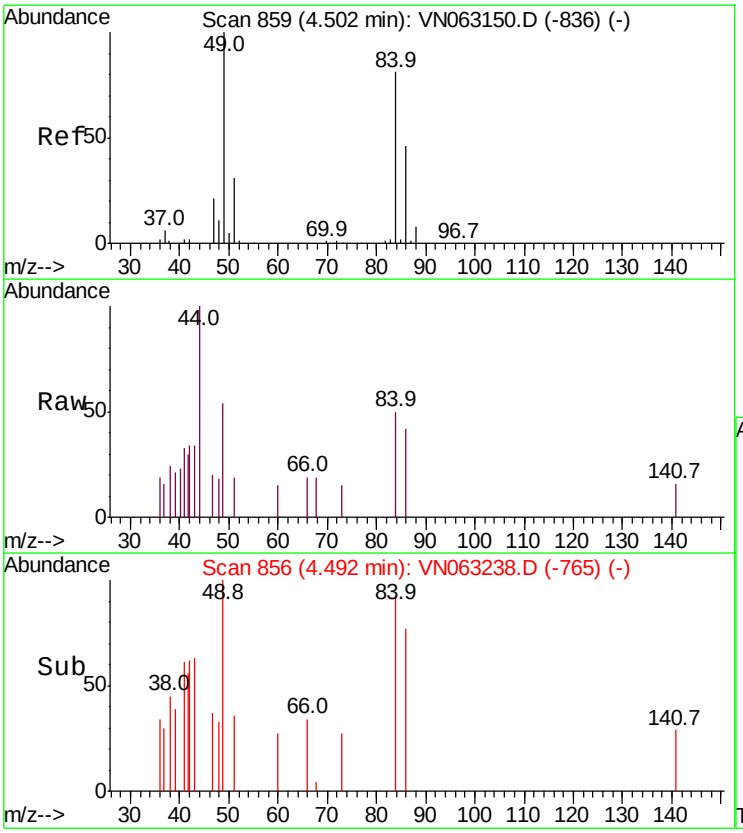
#18
Methyl Acetate
Concen: 0.238 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion: 43 Resp: 749

Ion	Ratio	Lower	Upper
43	100		
74	17.5	19.0	28.6#

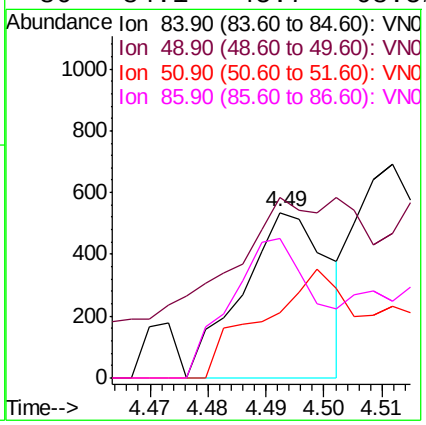


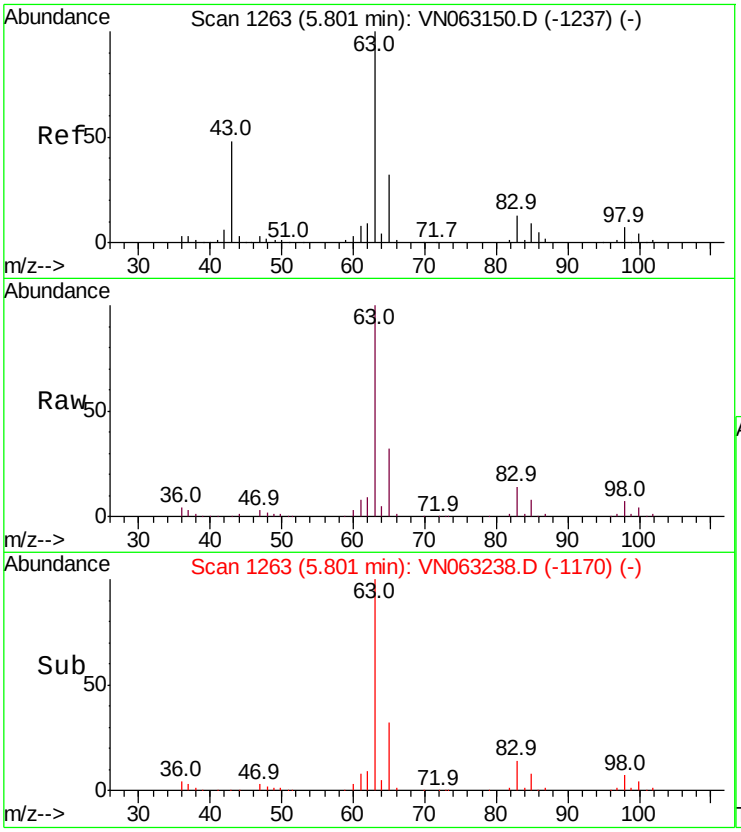


#20
Methylene Chloride
Concen: Below Cal
RT: 4.49 min Scan# 856
Delta R.T. -0.01 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion: 84 Resp: 553

Ion	Ratio	Lower	Upper
84	100		
49	59.5	98.4	147.6#
51	39.2	30.4	45.6
86	84.1	45.7	68.5#



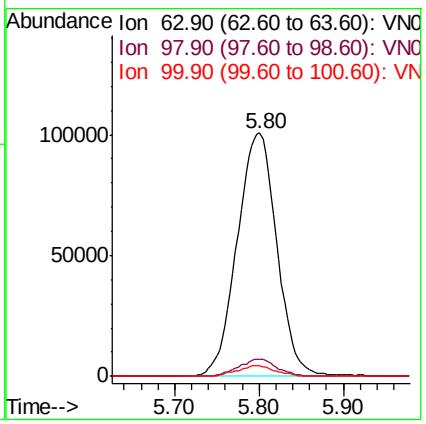


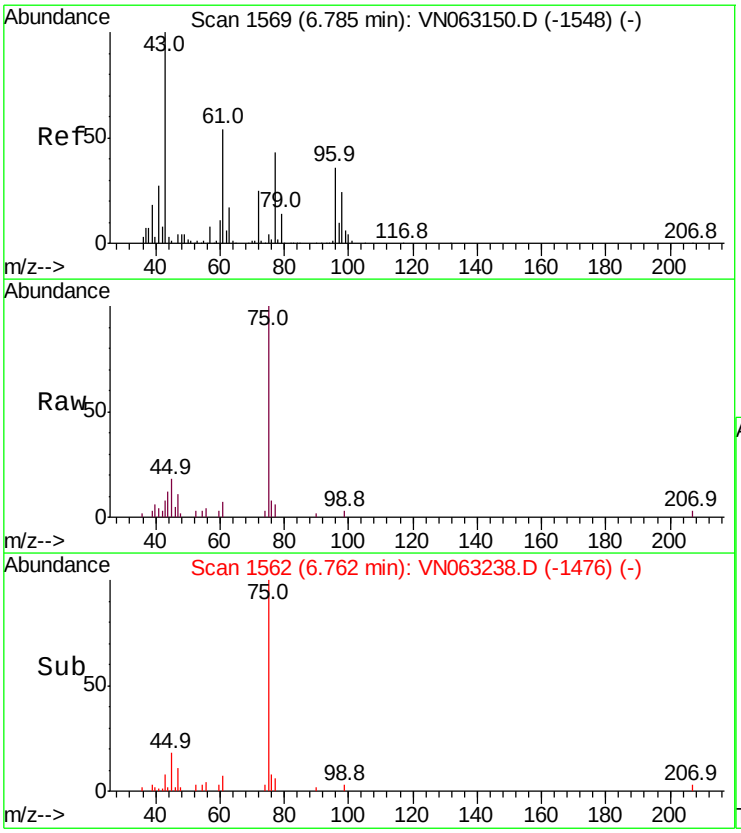
#24
1,1-Dichloroethane
Concen: 51.692 ug/l
RT: 5.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion: 63 Resp: 328774

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.1
100	4.4	2.3	6.8

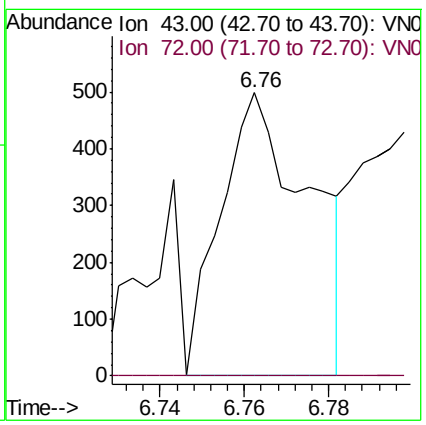


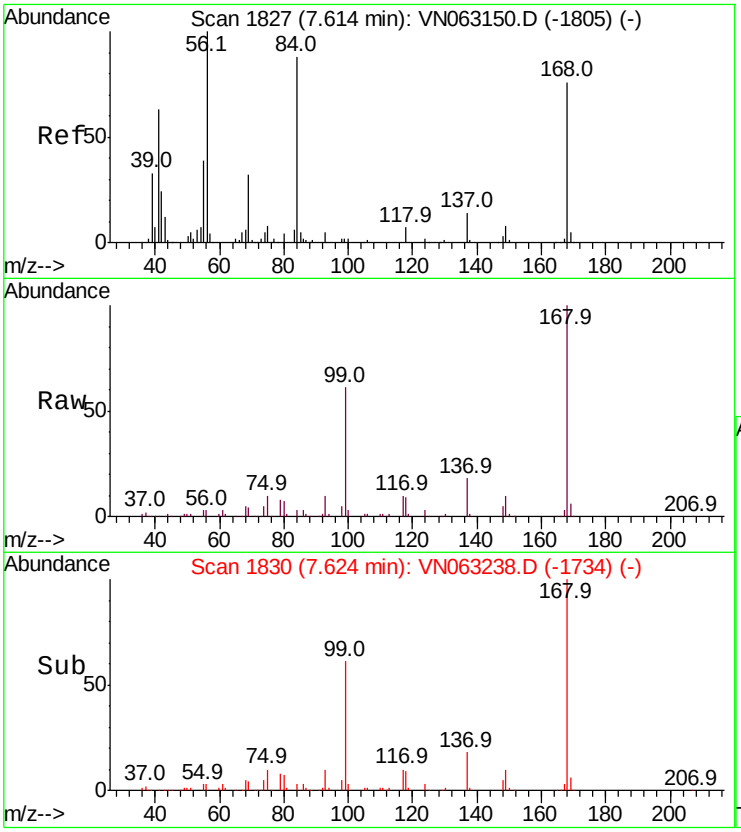


#25
2-Butanone
Concen: 0.380 ug/l
RT: 6.76 min Scan# 1562
Delta R.T. -0.02 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion: 43 Resp: 723

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.4#



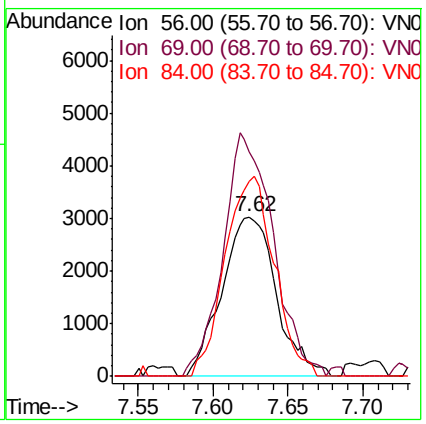


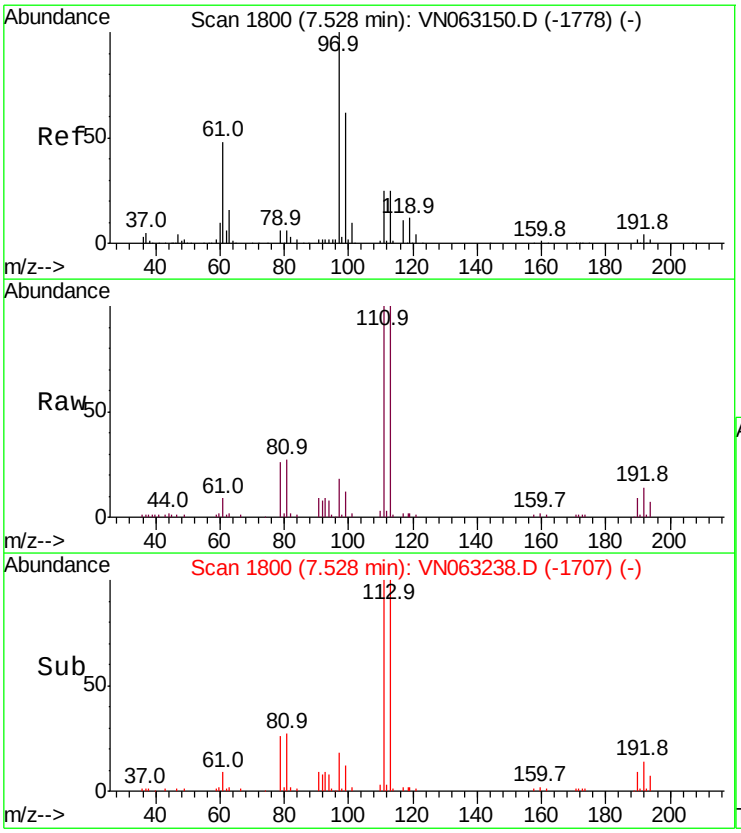
#31
Cyclohexane
Concen: Below Cal
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument : MSVOA_N
ClientSampleId : SA-MW184I-20200901DL

Tgt Ion: 56 Resp: 7696

Ion	Ratio	Lower	Upper
56	100		
69	135.7	25.4	38.0#
84	122.3	70.2	105.4#

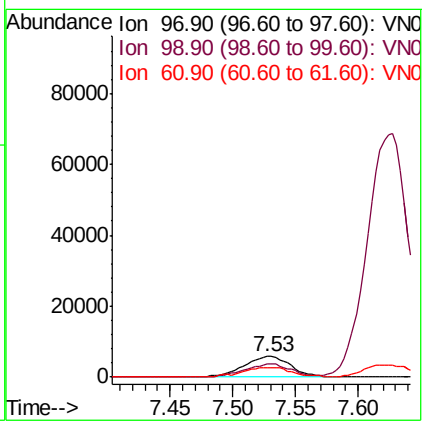


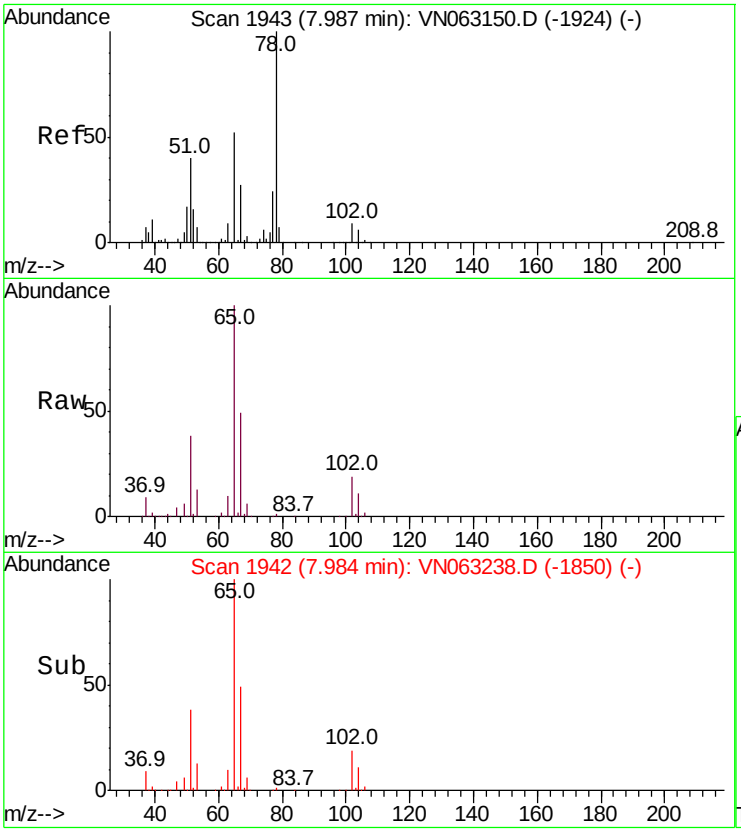


#32
1,1,1-Trichloroethane
Concen: 2.692 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion: 97 Resp: 15437

Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.8	76.2
61	50.1	37.4	56.2



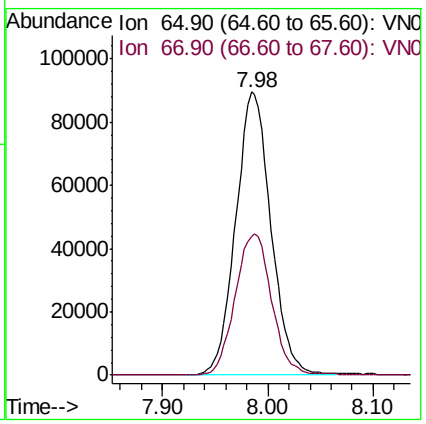


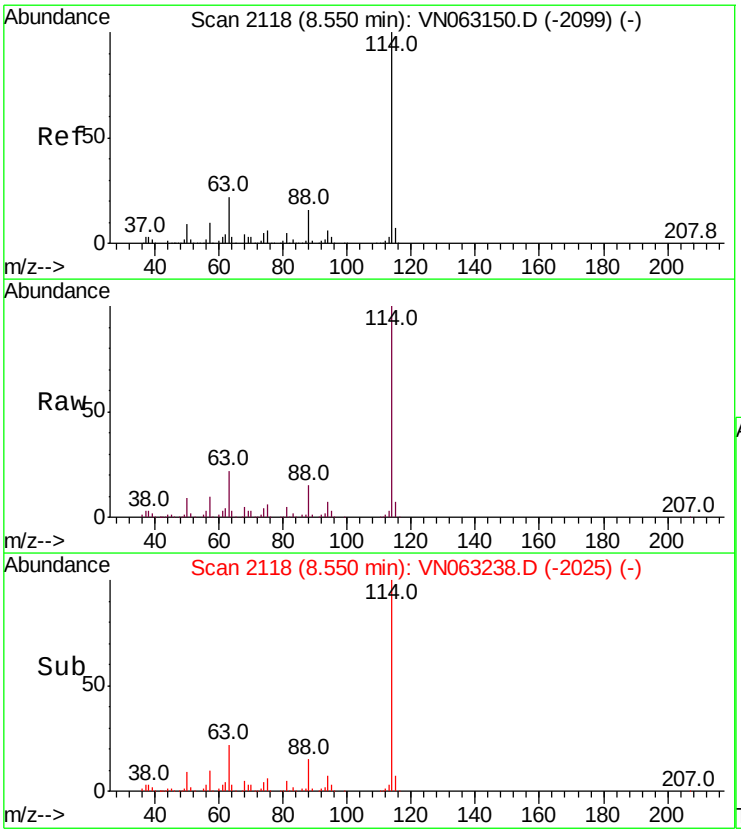
#33
1,2-Dichloroethane-d4
Concen: 48.140 ug/l
RT: 7.98 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion: 65 Resp: 207927

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.4

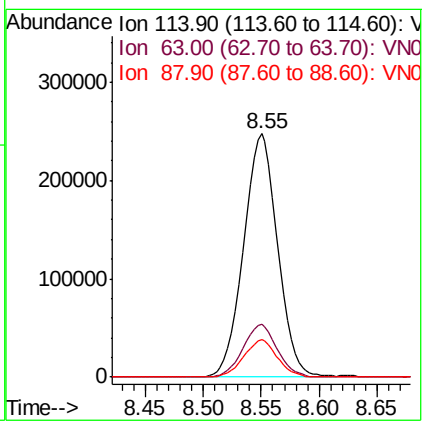


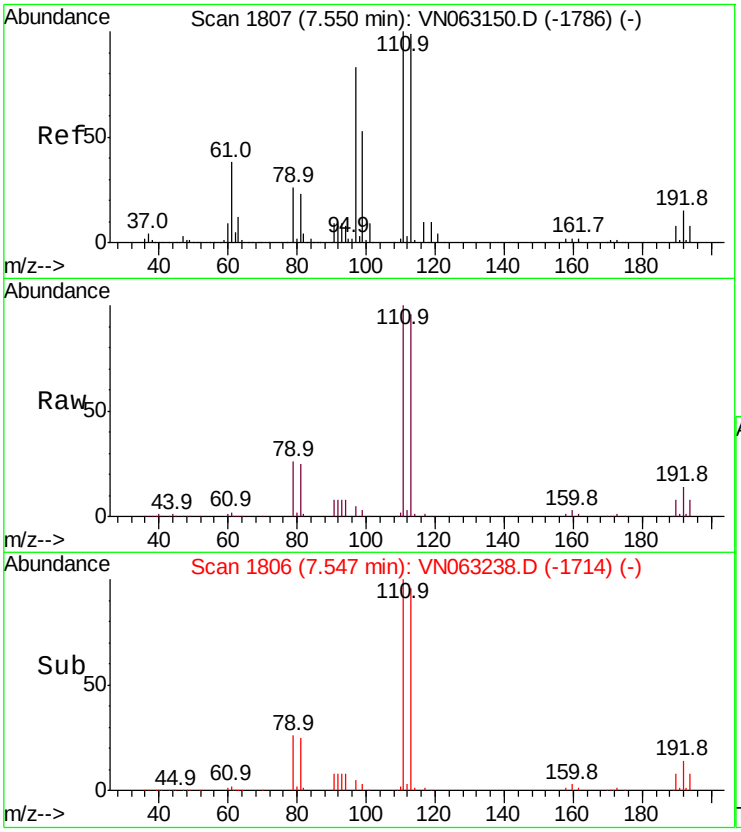


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion:114 Resp: 506236

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	43.0
88	15.4	0.0	31.6



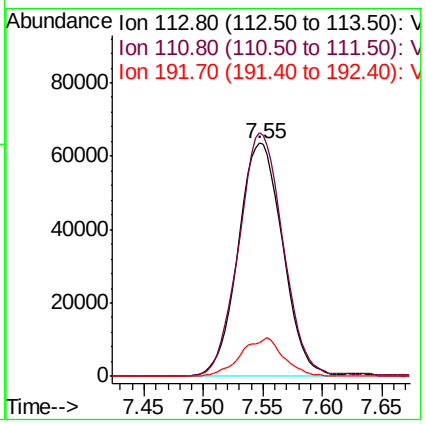


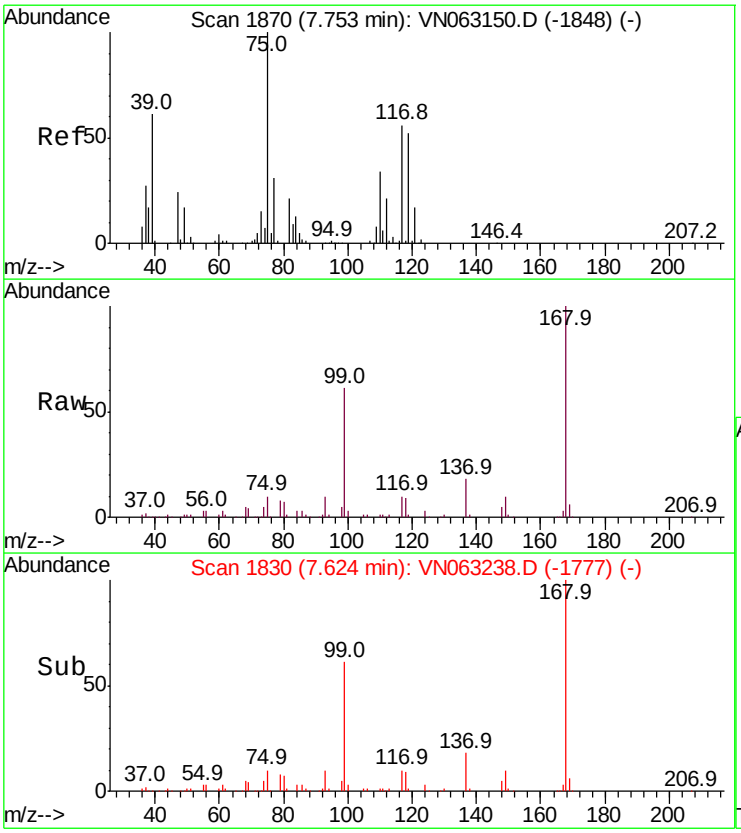
#35
Dibromofluoromethane
Concen: 50.849 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion:113 Resp: 165145

Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.7	121.1
192	15.8	12.6	19.0

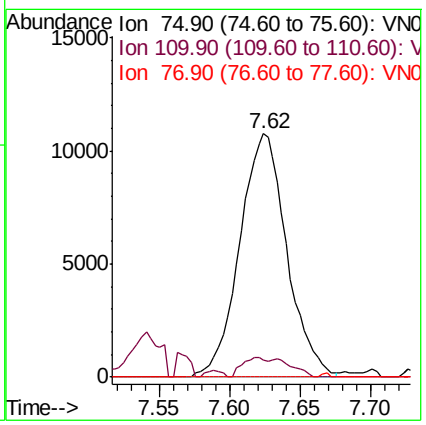


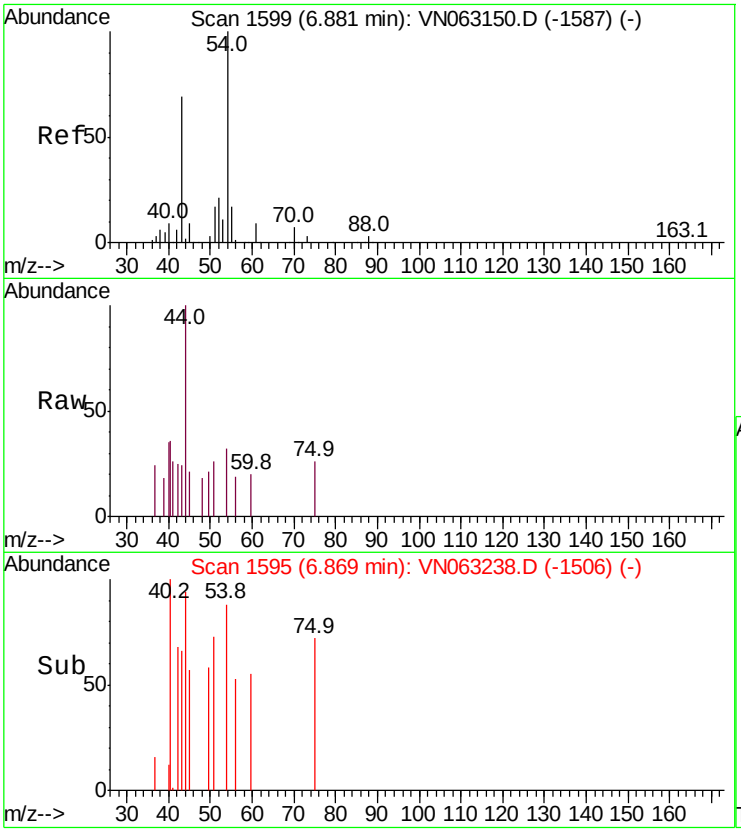


#36
1,1-Dichloropropene
Concen: 5.153 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion: 75 Resp: 25077

Ion	Ratio	Lower	Upper
75	100		
110	4.3	16.6	49.8#
77	0.0	25.4	38.2#



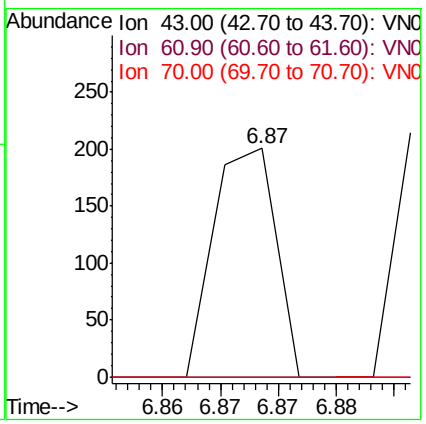


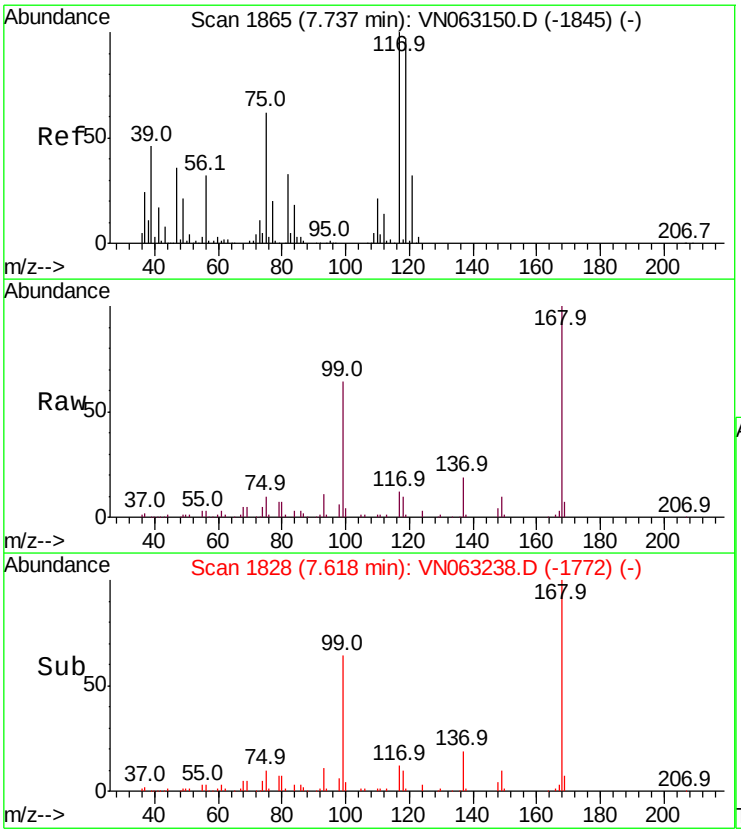
#37
Ethyl Acetate
Concen: 0.396 ug/l
RT: 6.87 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion: 43 Resp: 75

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.4#
70	0.0	3.0	4.6#

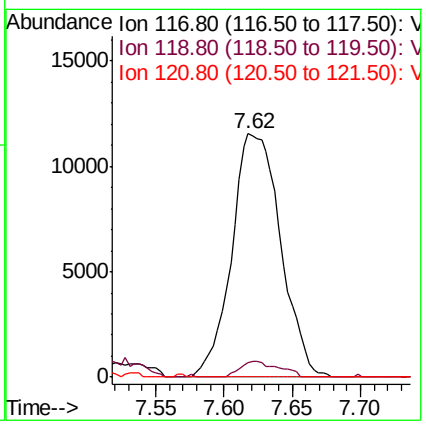


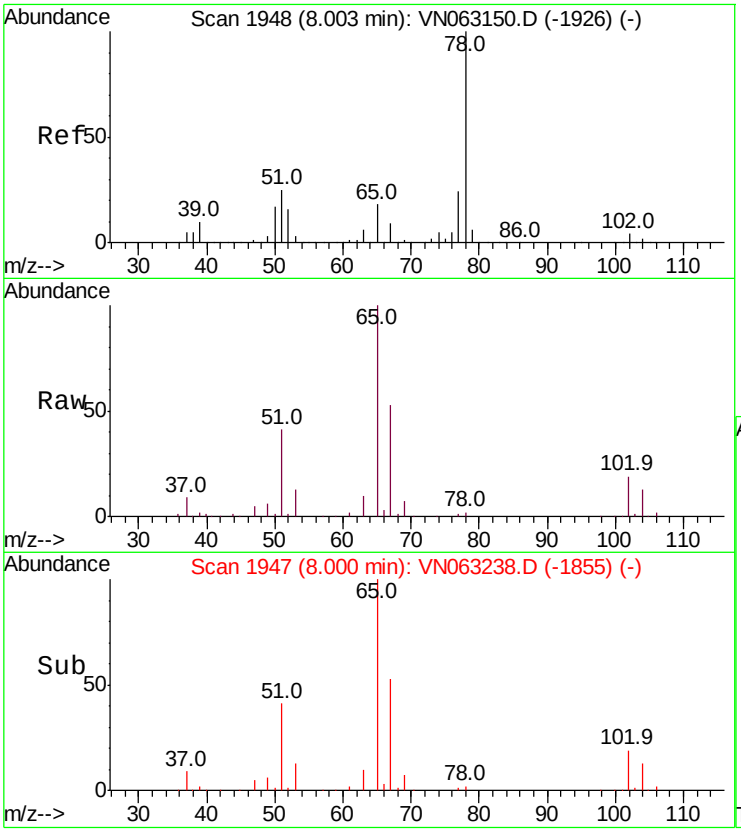


#38
Carbon Tetrachloride
Concen: 5.815 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. -0.12 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion:117 Resp: 28698

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.2	115.8#
121	0.0	25.6	38.4#



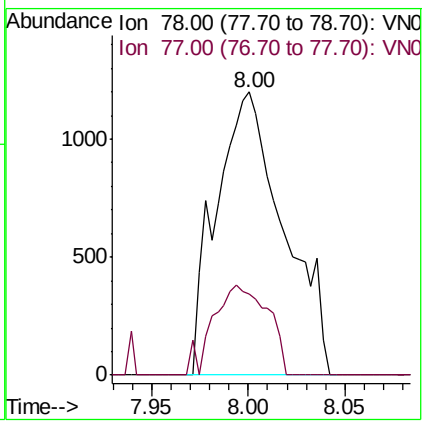


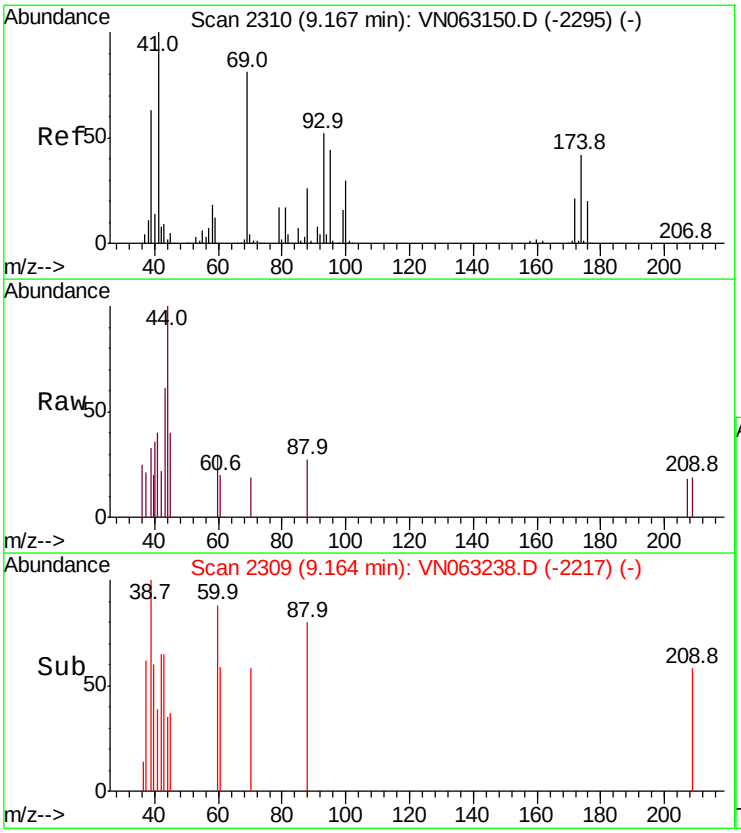
#40
Benzene
Concen: 0.204 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion: 78 Resp: 2915

Ion	Ratio	Lower	Upper
78	100		
77	28.6	19.3	28.9

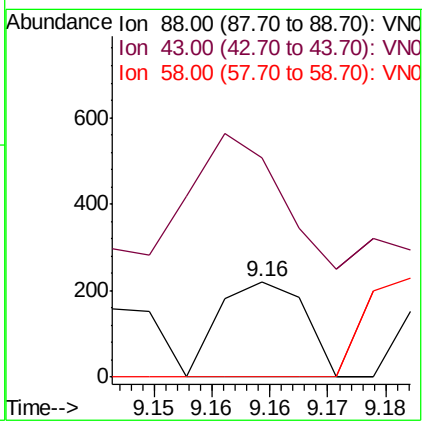


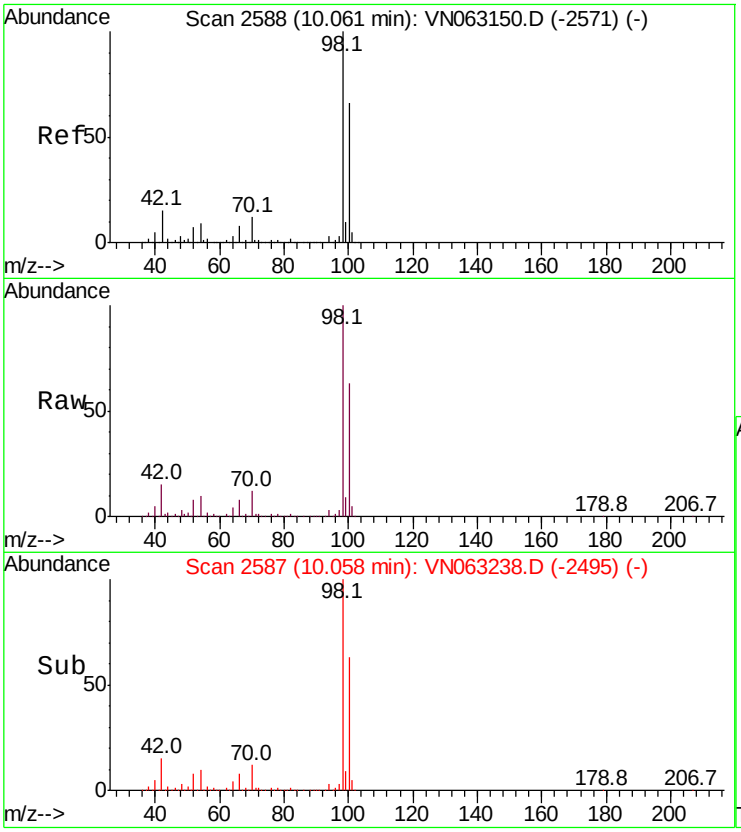


#49
1,4-Dioxane
Concen: 2.042 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion: 88 Resp: 113

Ion	Ratio	Lower	Upper
88	100		
43	142.5	28.6	42.8#
58	0.0	53.2	79.8#



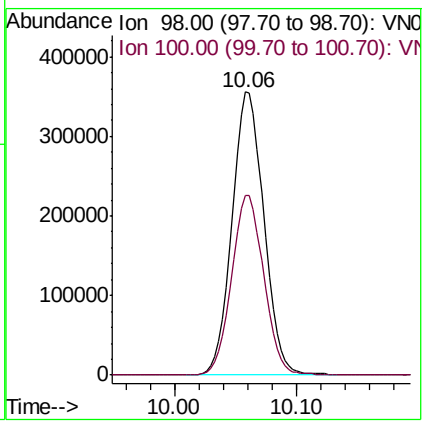


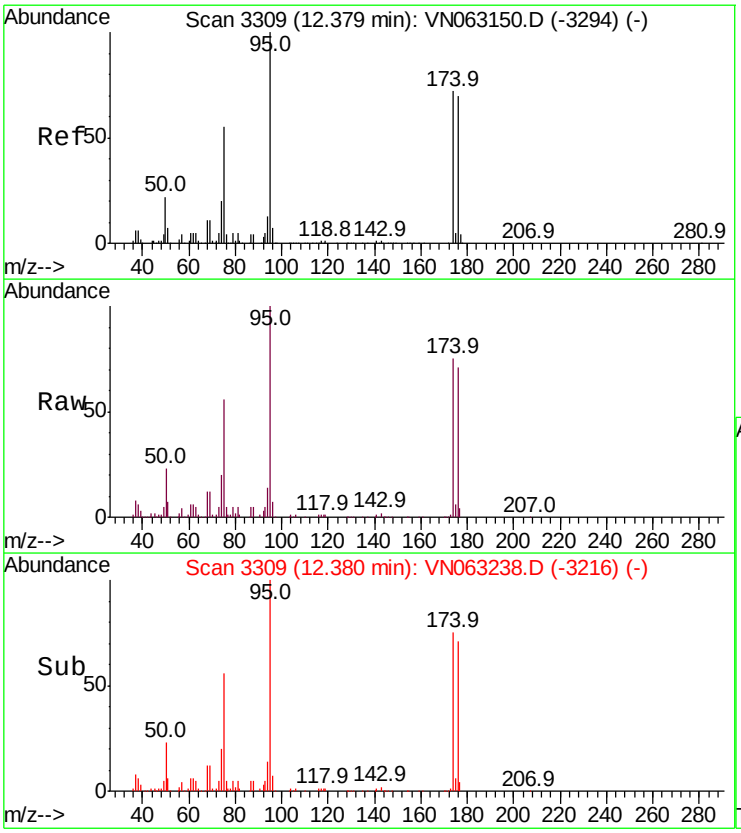
#50
Toluene-d8
Concen: 51.424 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion: 98 Resp: 642830

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0

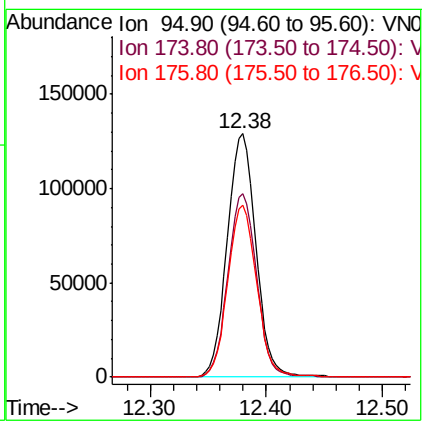


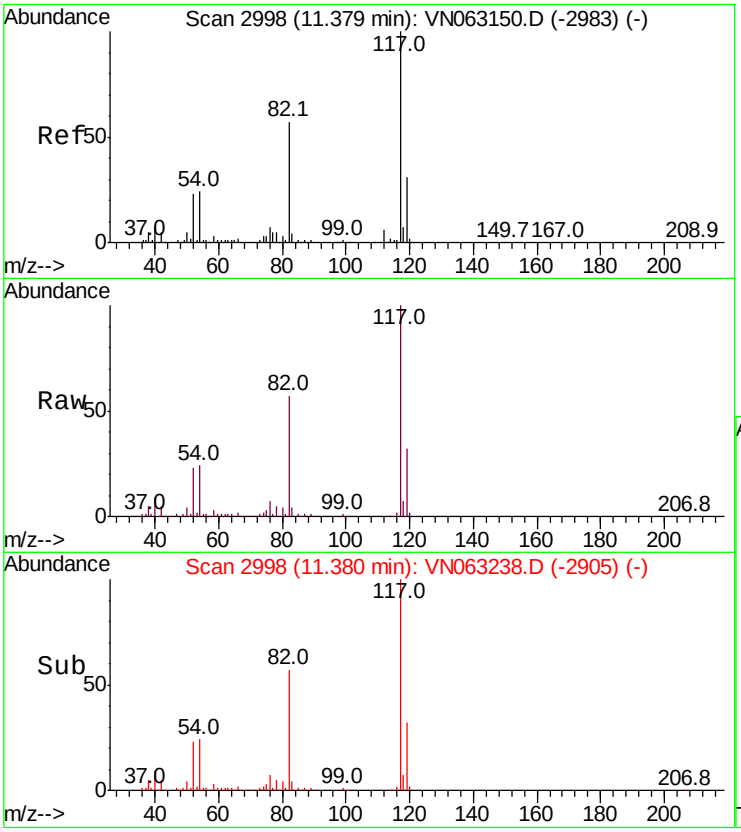


#62
4-Bromofluorobenzene
Concen: 50.755 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion: 95 Resp: 221941

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	143.8
176	70.8	0.0	138.4



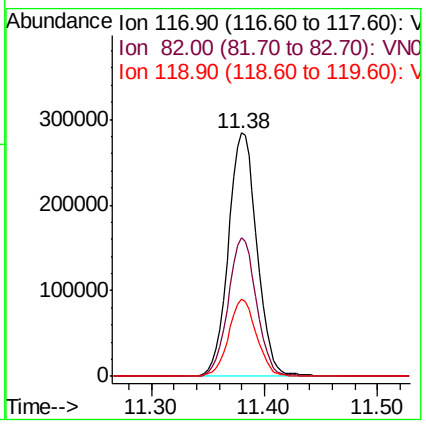


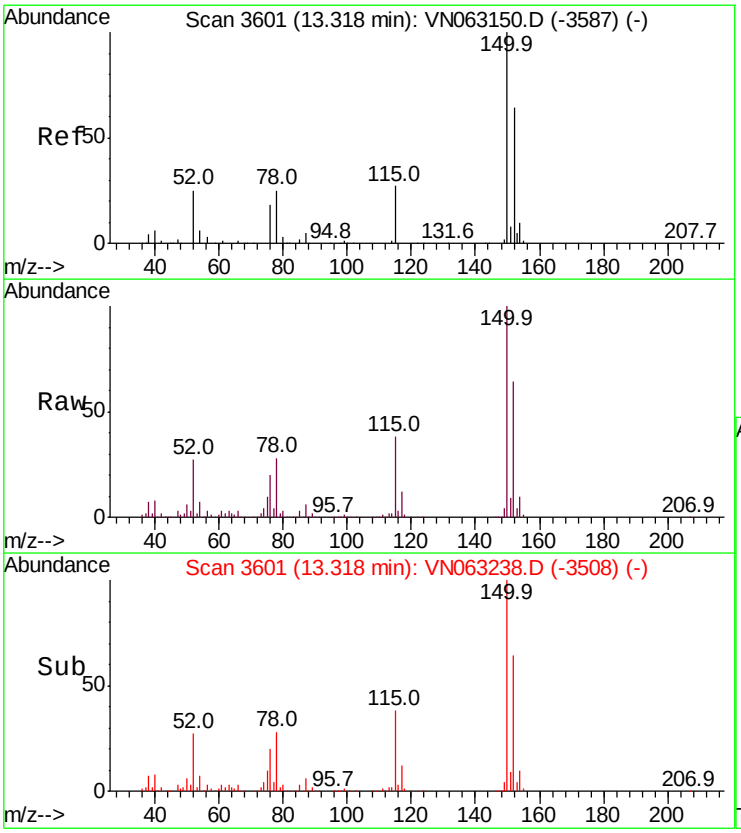
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion:117 Resp: 498731

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.4	68.0
119	31.6	24.6	37.0

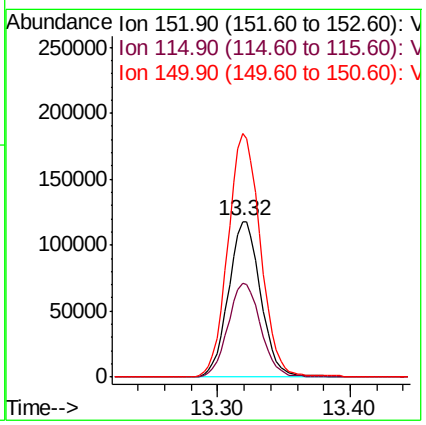


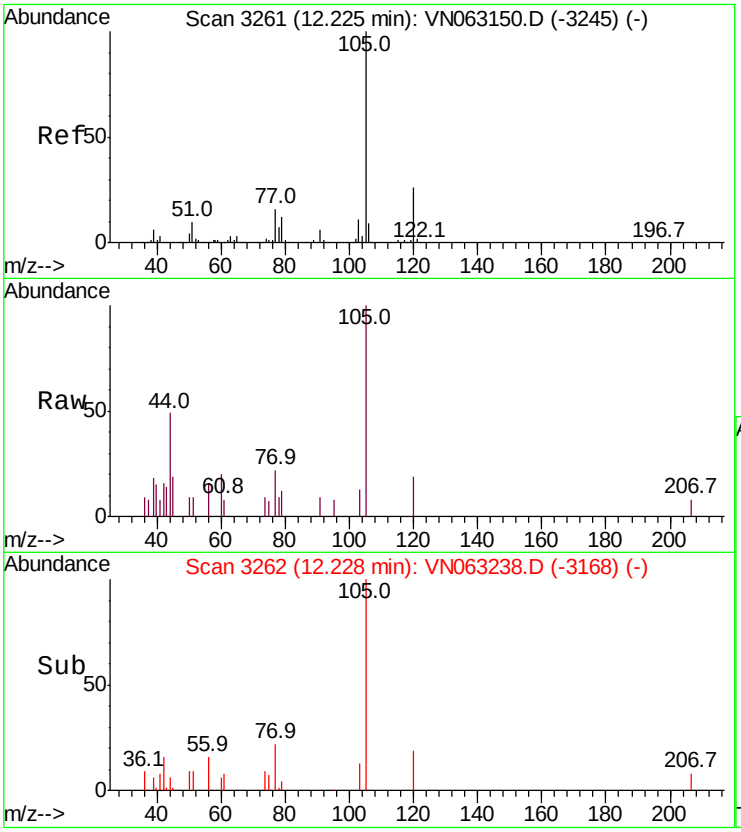


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion:152 Resp: 198709

Ion	Ratio	Lower	Upper
152	100		
115	61.4	32.0	96.2
150	157.9	0.0	353.0



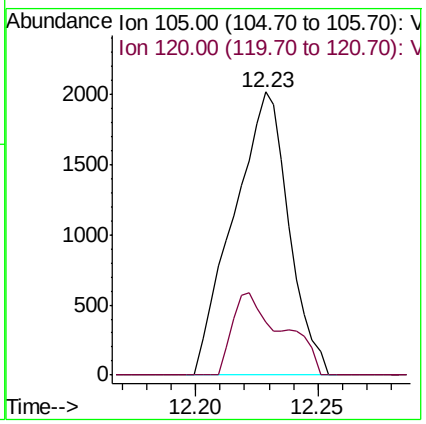


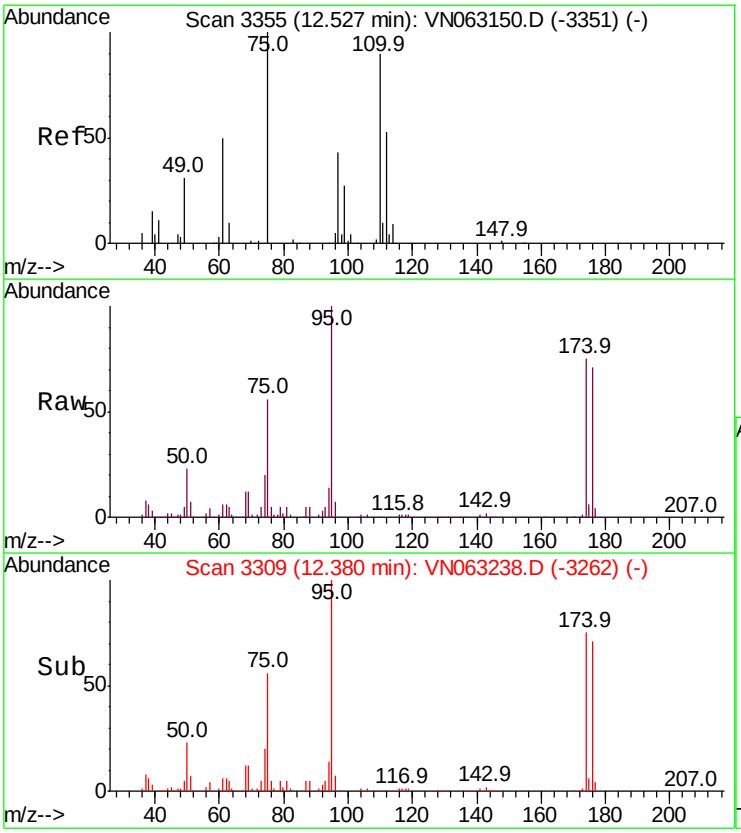
#73
Isopropylbenzene
Concen: 0.207 ug/l
RT: 12.23 min Scan# 3262
Delta R.T. 0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion:105 Resp: 3161

Ion	Ratio	Lower	Upper
105	100		
120	26.5	12.9	38.6

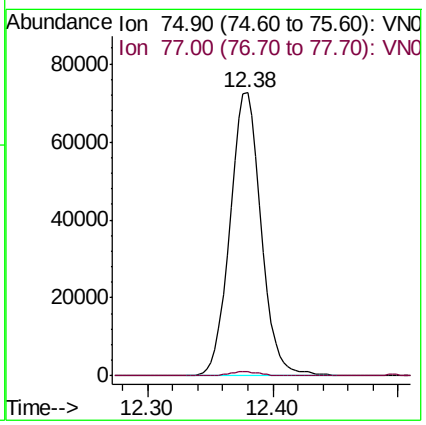


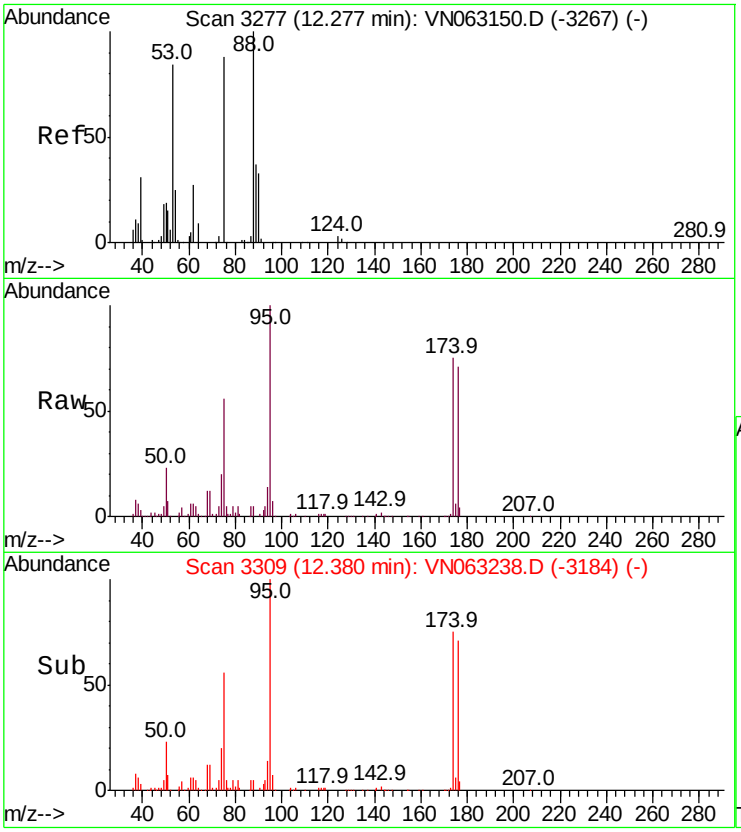


#76
1,2,3-Trichloropropane
Concen: 32.064 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. -0.15 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion: 75 Resp: 125184

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



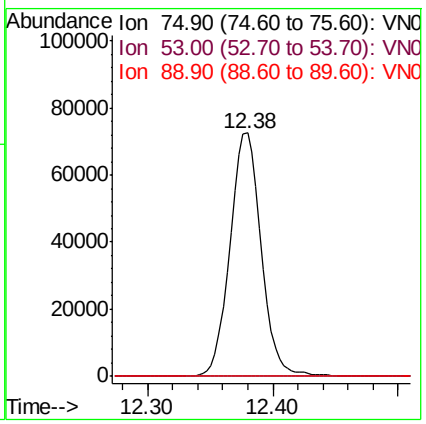


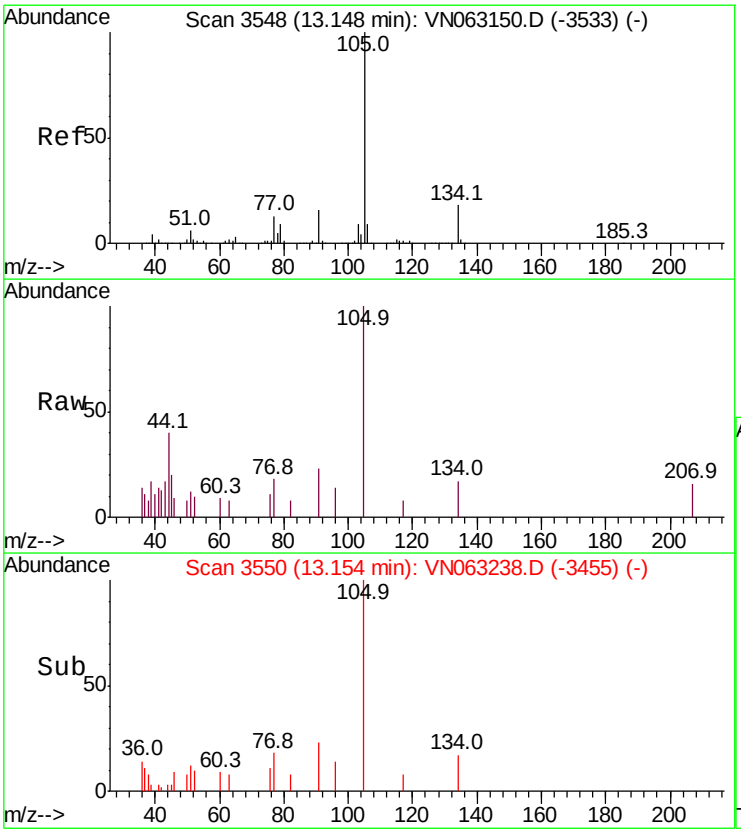
#81
trans-1,4-Dichloro-2-butene
Concen: 77.498 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.10 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion: 75 Resp: 125184

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.7	118.1#
89	0.0	35.3	52.9#

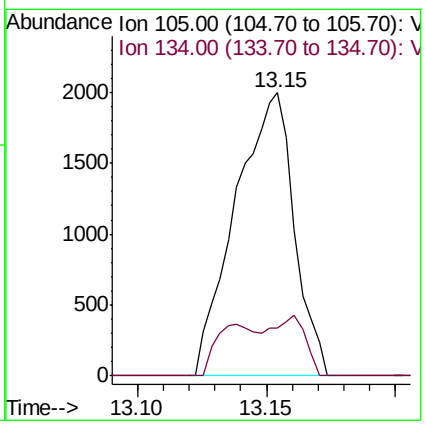


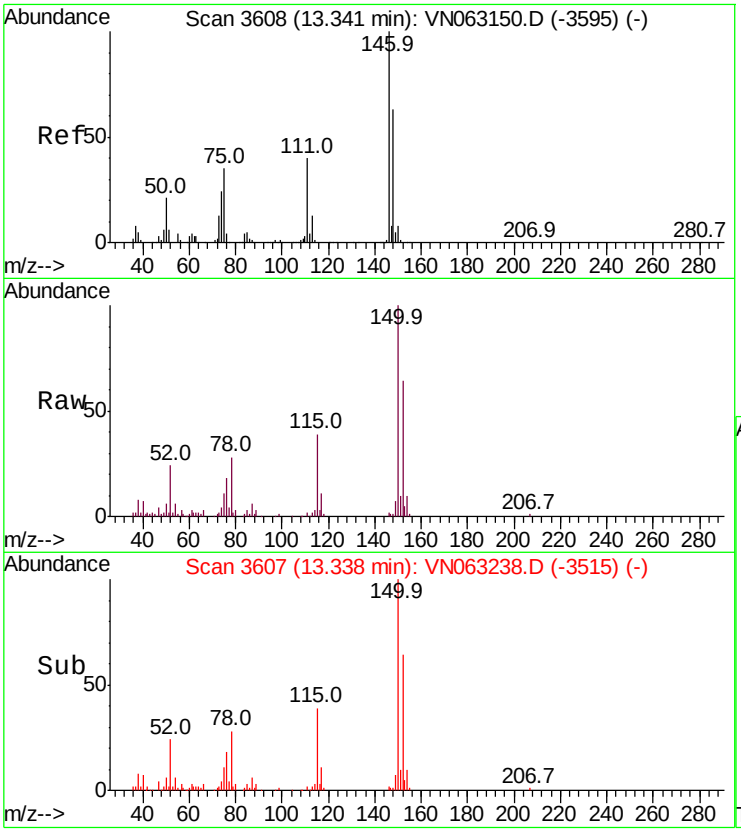


#85
sec-Butylbenzene
Concen: 0.224 ug/l
RT: 13.15 min Scan# 3550
Delta R.T. 0.01 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion:105 Resp: 3176

Ion	Ratio	Lower	Upper
105	100		
134	13.2	9.4	28.3



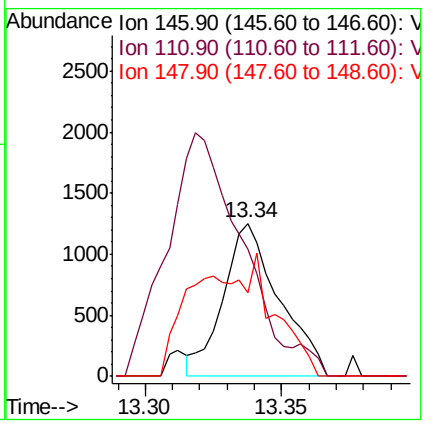


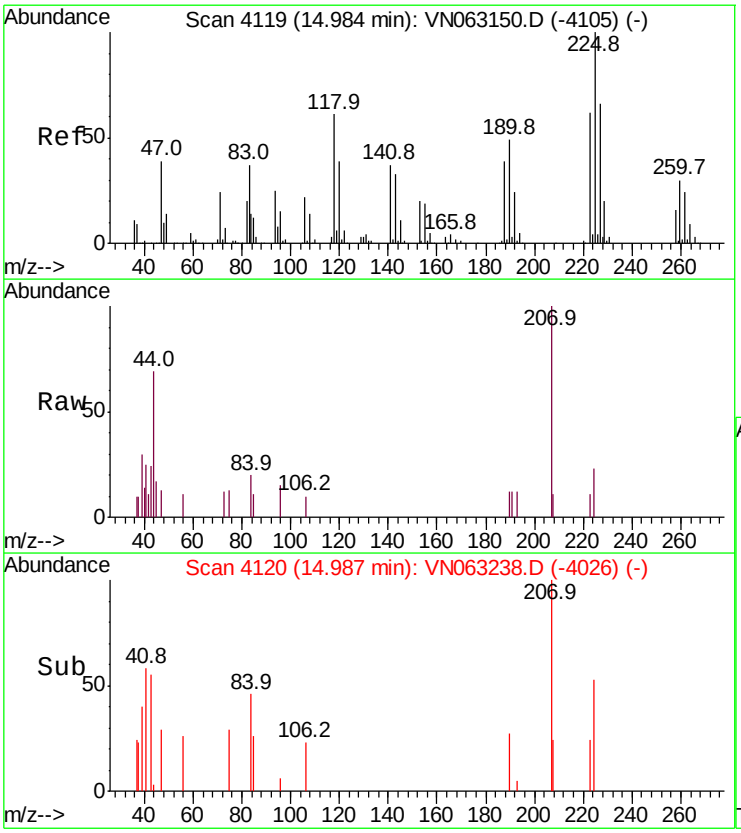
#88
1,4-Dichlorobenzene
Concen: 0.273 ug/l
RT: 13.34 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion:146 Resp: 1789

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.5	61.5#
148	0.0	31.9	95.7#

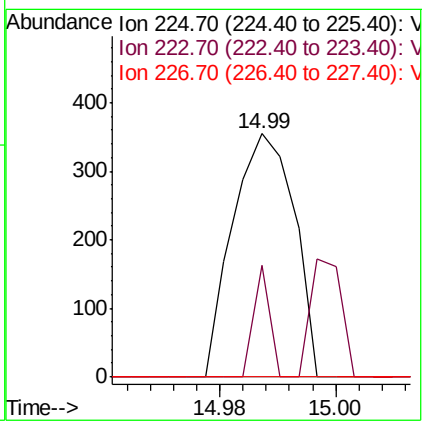


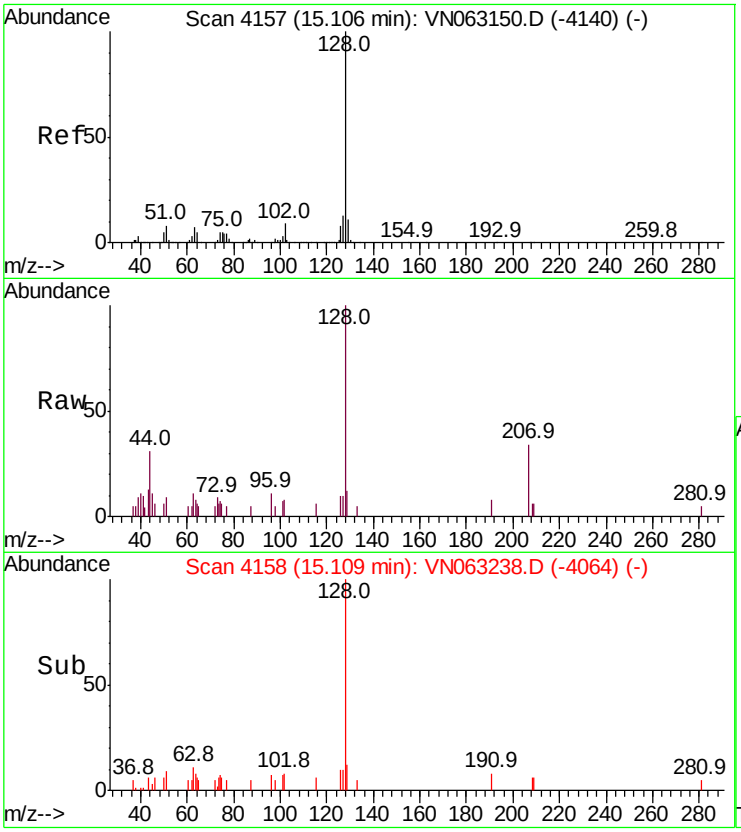


#94
Hexachlorobutadiene
Concen: 0.203 ug/l
RT: 14.99 min Scan# 4120
Delta R.T. 0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Tgt Ion:225 Resp: 260

Ion	Ratio	Lower	Upper
225	100		
223	11.9	30.9	92.7#
227	0.0	32.9	98.7#





#95
Naphthalene
Concen: 0.630 ug/l
RT: 15.11 min Scan# 4158
Delta R.T. 0.00 min
Lab File: VN063238.D
Acq: 4 Sep 2020 11:25

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901DL

Tgt Ion:128 Resp: 7213

Ion	Ratio	Lower	Upper
128	100		
127	6.0	10.5	15.7#
129	9.7	8.6	13.0