Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090420\
Data File : VN063248.D
Acq On : 4 Sep 2020 15:25
Operator : JC/MD
Sample : L3902-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SA-PZ172I-20200902

Quant Time: Sep 05 07:30:36 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	7.63	168	273728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	529610	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	523441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	202516	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	218901	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.84%			
35) Dibromofluoromethane	7.55	113	168315	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.08%			
50) Toluene-d8	10.06	98	672942	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.92%			
62) 4-Bromofluorobenzene	12.38	95	228452	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.88%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	5739	1.462	ug/l #	83
5) Bromomethane	2.56	94	1385	0.379	ug/l #	56
7) Trichlorofluoromethane	3.00	101	30	Below Cal	#	19
11) Tert butyl alcohol	4.71	59	276	0.502	ug/l #	21
12) 1,1-Dichloroethene	3.71	96	1158	0.386	ug/l	79
13) Acrolein	3.54	56	149	16.437	ug/l	93
15) Acrylonitrile	4.91	53	32	2.425	ug/l #	1
16) Acetone	3.78	43	4270	3.357	ug/l	97
19) Methyl tert-butyl Ether	4.98	73	4570	0.410	ug/l	92
20) Methylene Chloride	4.50	84	3992	0.630	ug/l #	89
24) 1,1-Dichloroethane	5.80	63	44672	6.780	ug/l	98
31) Cyclohexane	7.62	56	8460	Below Cal	#	27
36) 1,1-Dichloropropene	7.63	75	25695	5.047	ug/l #	44
37) Ethyl Acetate	6.87	43	203	0.422	ug/l #	72
38) Carbon Tetrachloride	7.63	117	30895	5.983	ug/l #	16
49) 1,4-Dioxane	9.16	88	58	1.002	ug/l #	25
76) 1,2,3-Trichloropropane	12.38	75	133021	33.431	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	133021	80.801	ug/l #	10
88) 1,4-Dichlorobenzene	13.34	146	3498	0.523	ug/l #	49
90) Hexachloroethane	13.93	117	3045	1.282	ug/l #	20
93) 1,2,4-Trichlorobenzene	14.89	180	1504	0.430	ug/l #	56
95) Naphthalene	15.11	128	2500	0.214	ug/l #	76

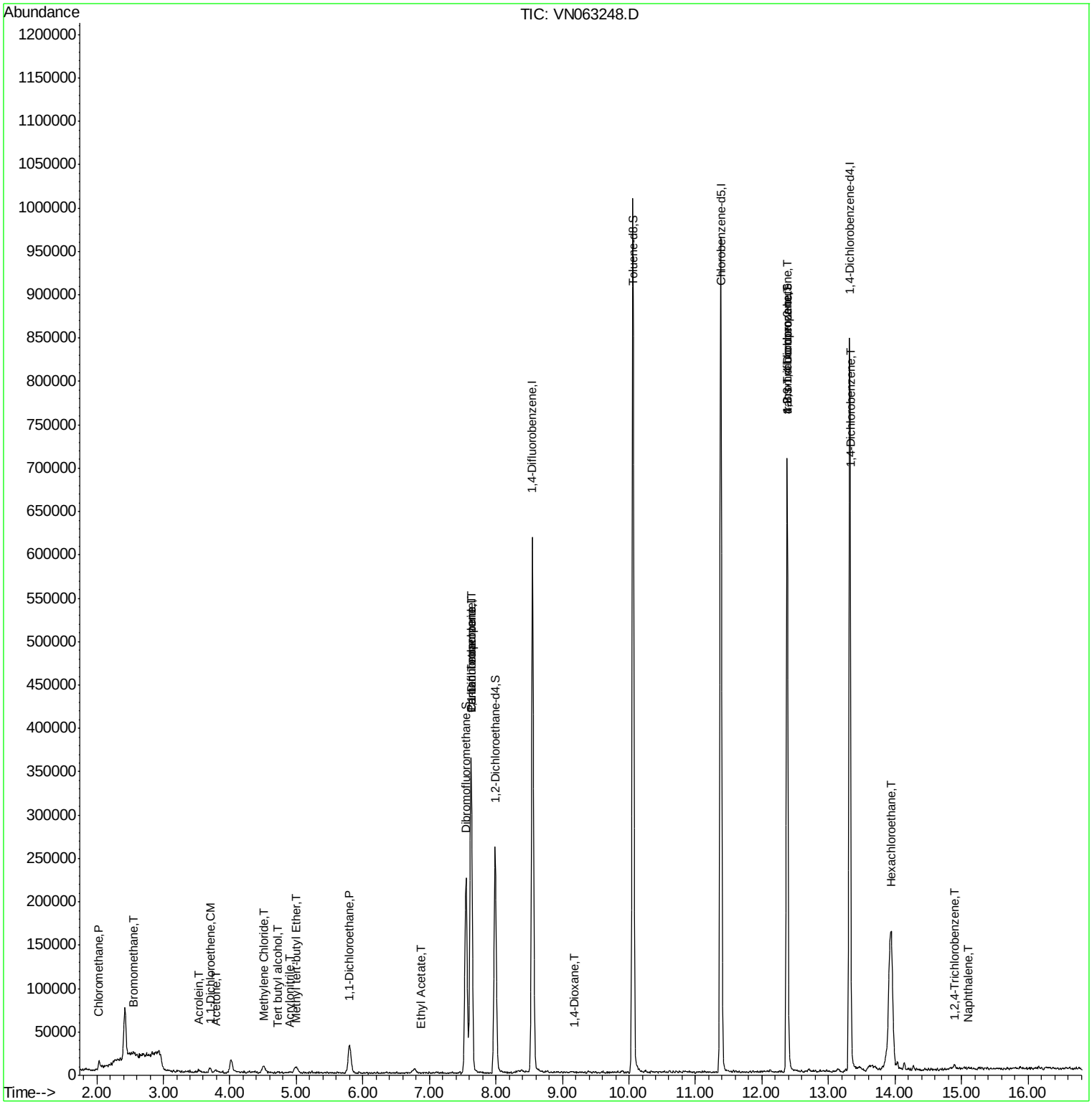
(#) = qualifier out of range (m) = manual integration (+) = signals summed

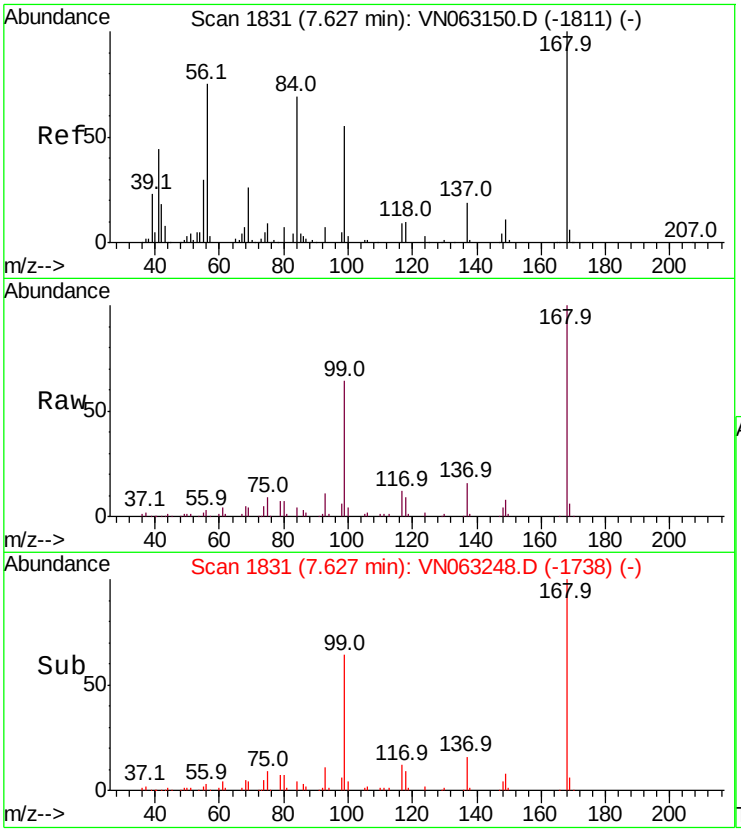
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090420\
Data File : VN063248.D
Acq On : 4 Sep 2020 15:25
Operator : JC/MD
Sample : L3902-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Quant Time: Sep 05 07:30:36 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



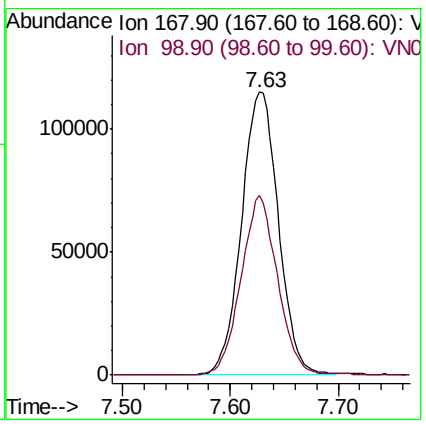


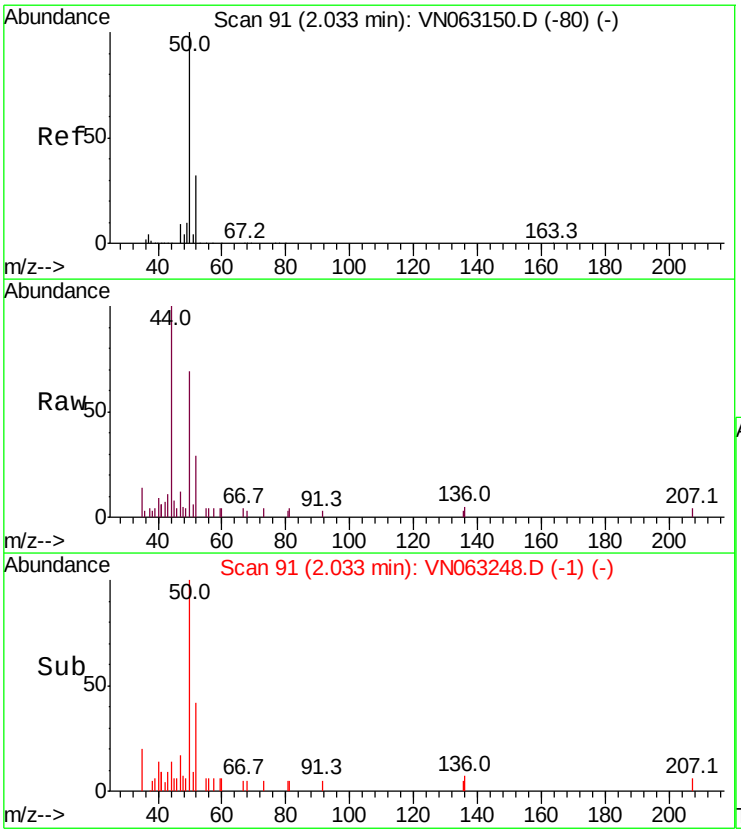
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion:168 Resp: 273728

Ion	Ratio	Lower	Upper
168	100		
99	63.4	54.2	81.2

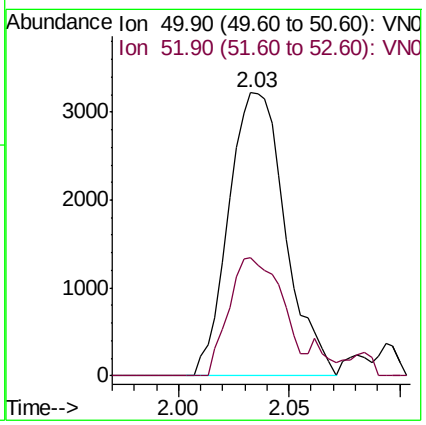


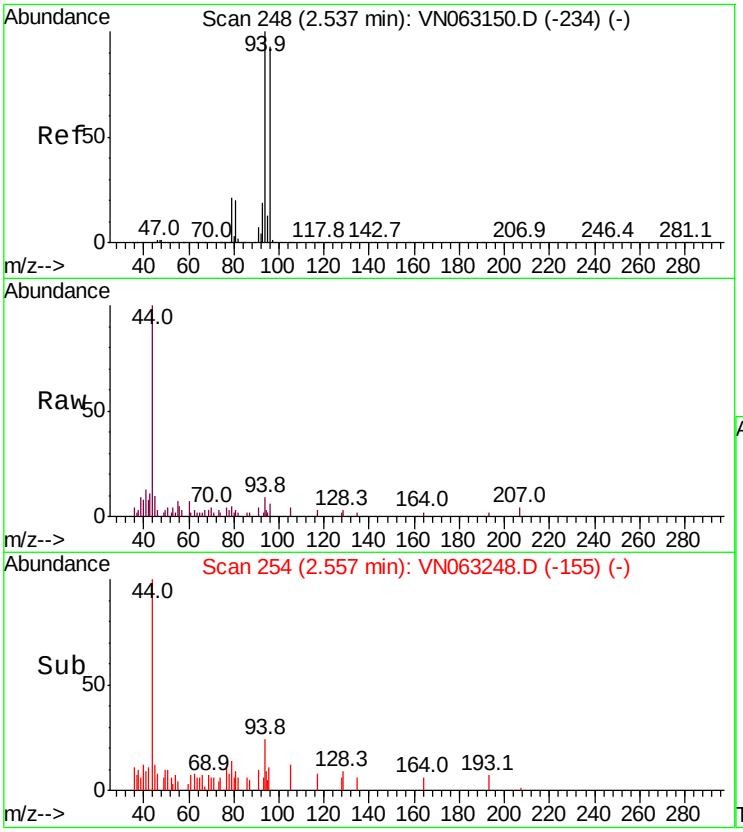


#3
Chloromethane
Concen: 1.462 ug/l
RT: 2.03 min Scan# 91
Delta R.T. 0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion: 50 Resp: 5739

Ion	Ratio	Lower	Upper
50	100		
52	41.6	25.8	38.6#



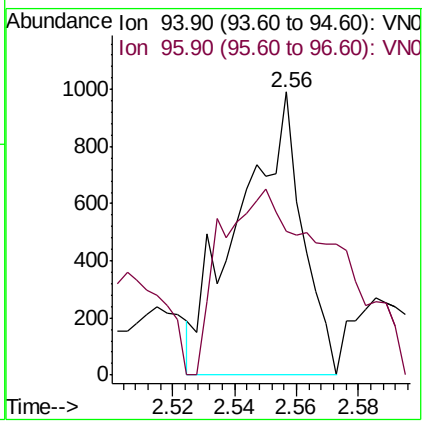


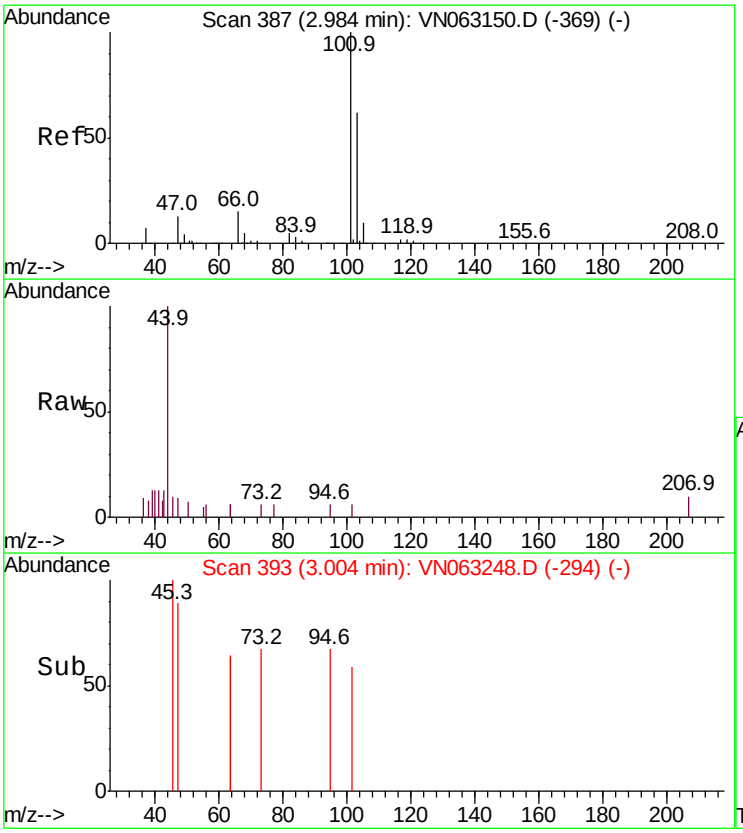
#5
Bromomethane
Concen: 0.379 ug/l
RT: 2.56 min Scan# 254
Delta R.T. 0.02 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion: 94 Resp: 1385

Ion	Ratio	Lower	Upper
94	100		
96	50.9	74.4	111.6#

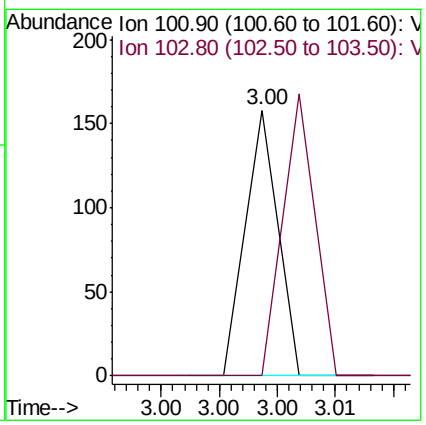


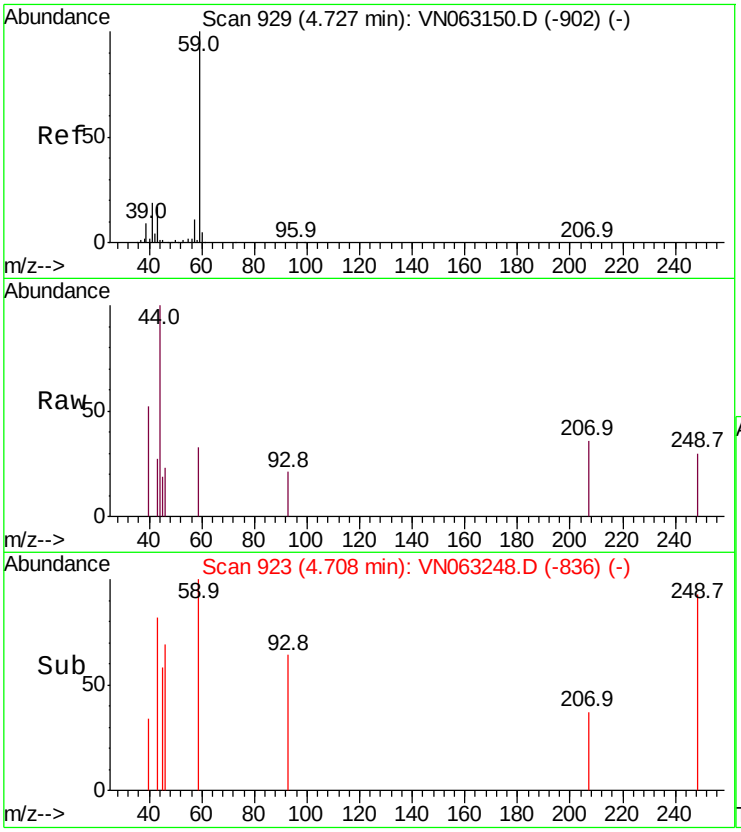


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.00 min Scan# 393
Delta R.T. 0.02 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion:101 Resp: 30

Ion	Ratio	Lower	Upper
101	100		
103	0.0	49.7	74.5#



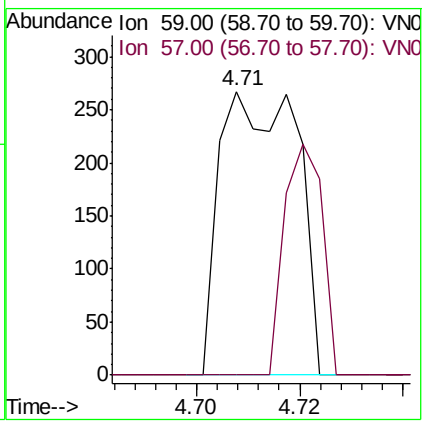


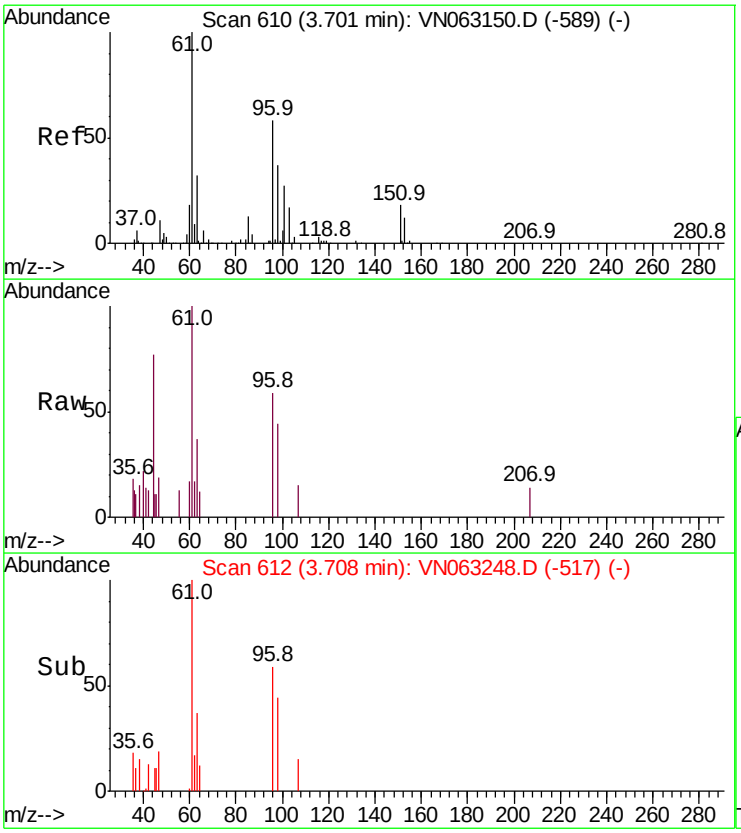
#11
Tert butyl alcohol
Concen: 0.502 ug/l
RT: 4.71 min Scan# 923
Delta R.T. -0.02 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion: 59 Resp: 276

Ion	Ratio	Lower	Upper
59	100		
57	40.2	8.4	12.6#

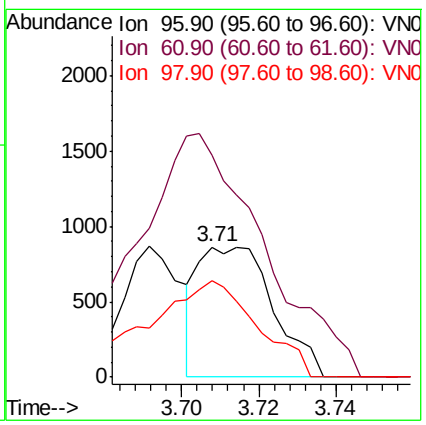


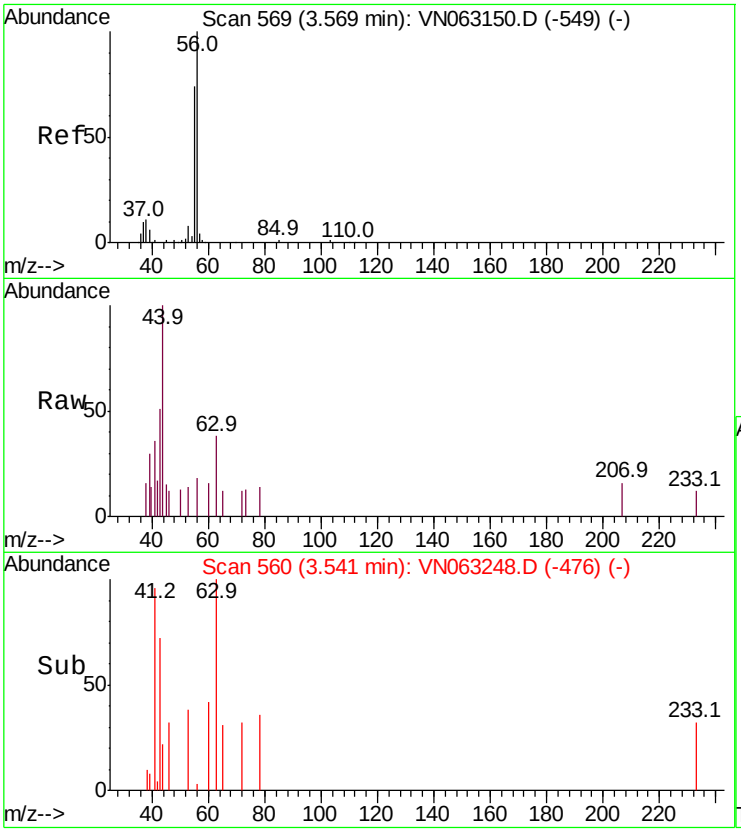


#12
1,1-Dichloroethene
Concen: 0.386 ug/l
RT: 3.71 min Scan# 612
Delta R.T. 0.01 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion: 96 Resp: 1158

Ion	Ratio	Lower	Upper
96	100		
61	139.3	137.4	206.2
98	74.6	50.5	75.7



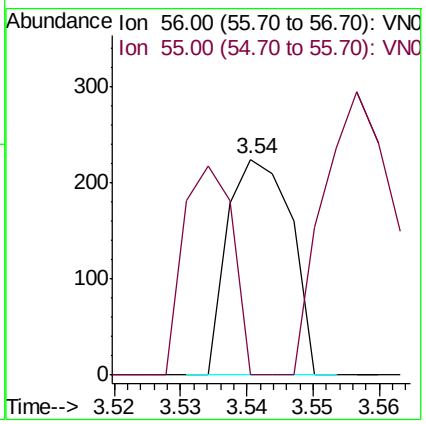


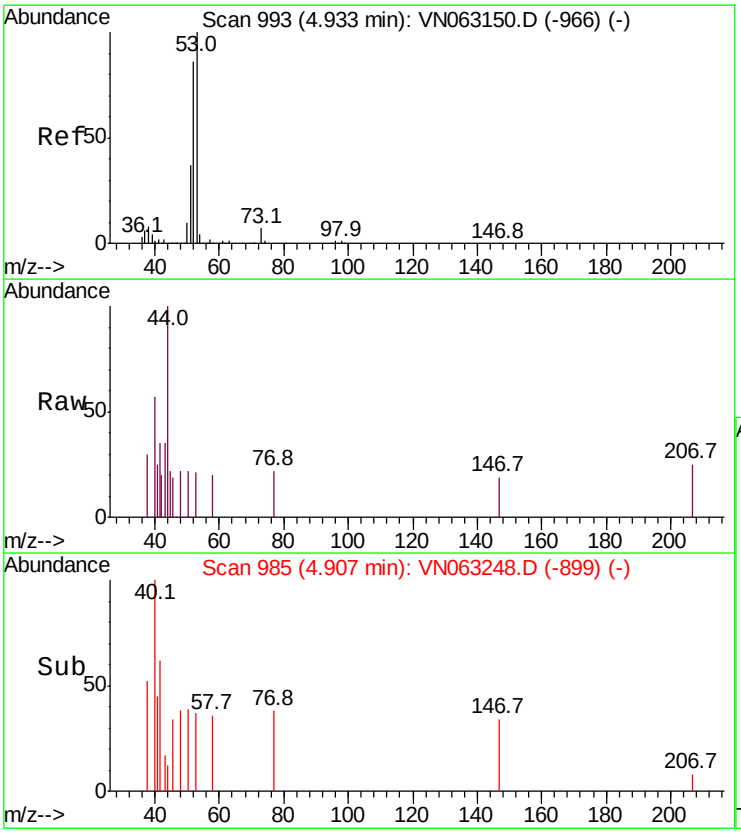
#13
Acrolein
Concen: 16.437 ug/l
RT: 3.54 min Scan# 560
Delta R.T. -0.03 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion: 56 Resp: 149

Ion	Ratio	Lower	Upper
56	100		
55	75.2	55.4	83.0

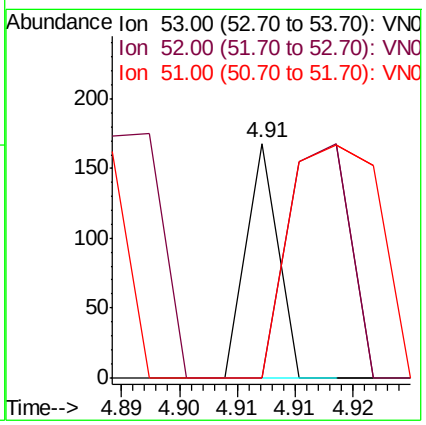


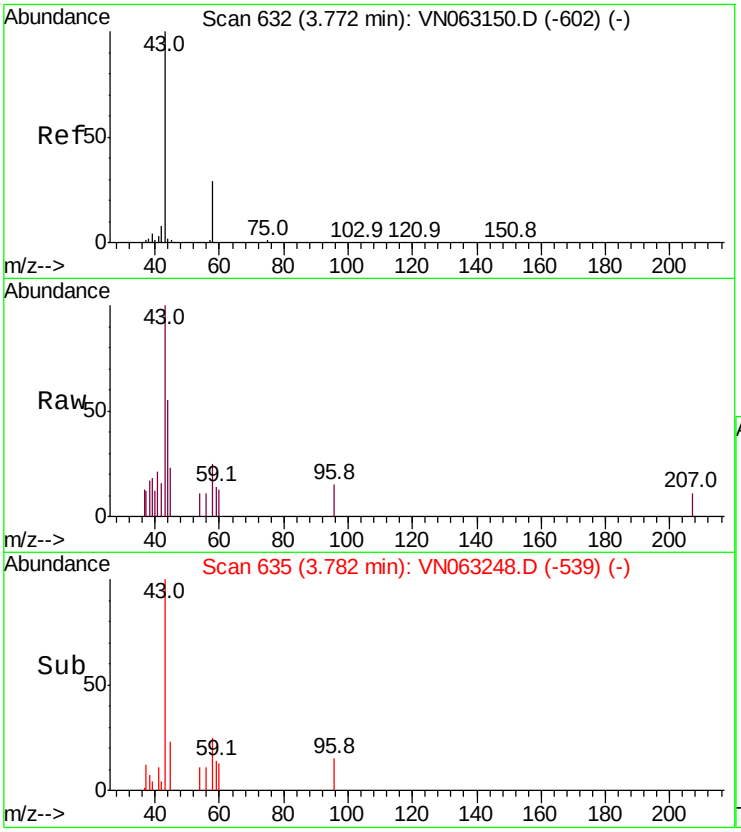


#15
Acrylonitrile
Concen: 2.425 ug/l
RT: 4.91 min Scan# 985
Delta R.T. -0.02 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion: 53 Resp: 32

Ion	Ratio	Lower	Upper
53	100		
52	193.8	67.2	100.8#
51	284.4	30.2	45.4#



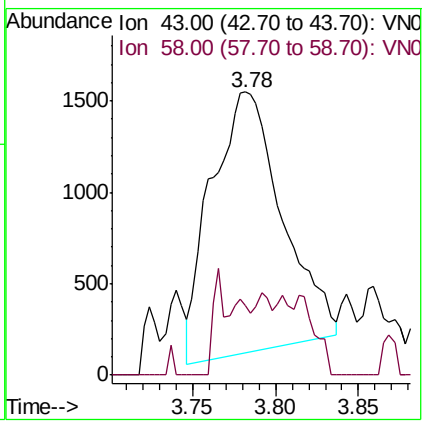


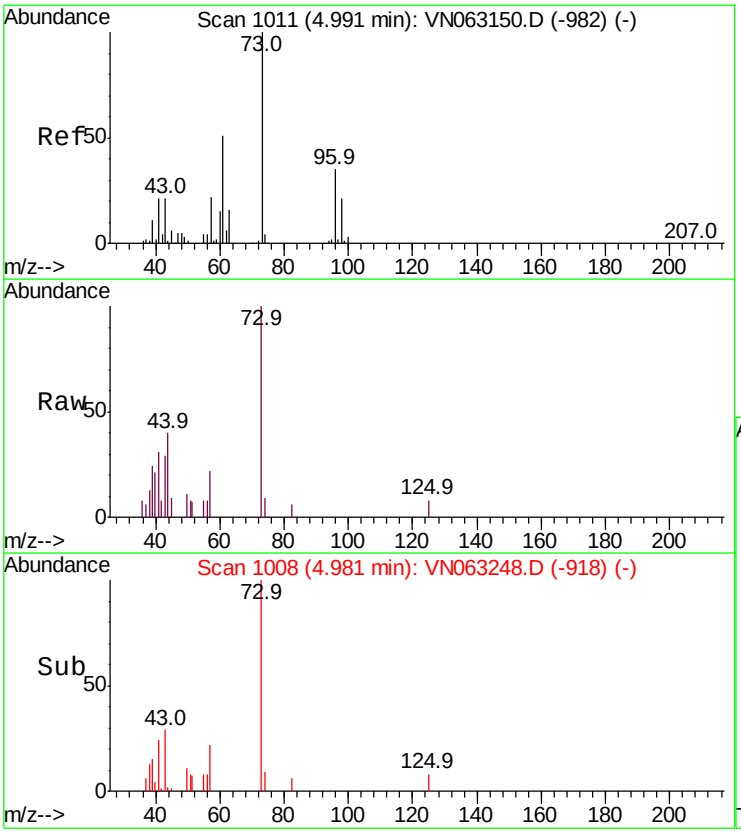
#16
Acetone
Concen: 3.357 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion: 43 Resp: 4270

Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.1	34.7

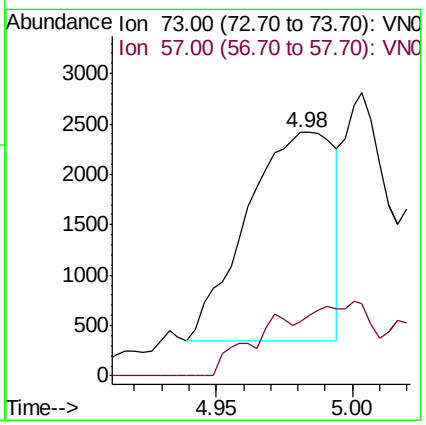


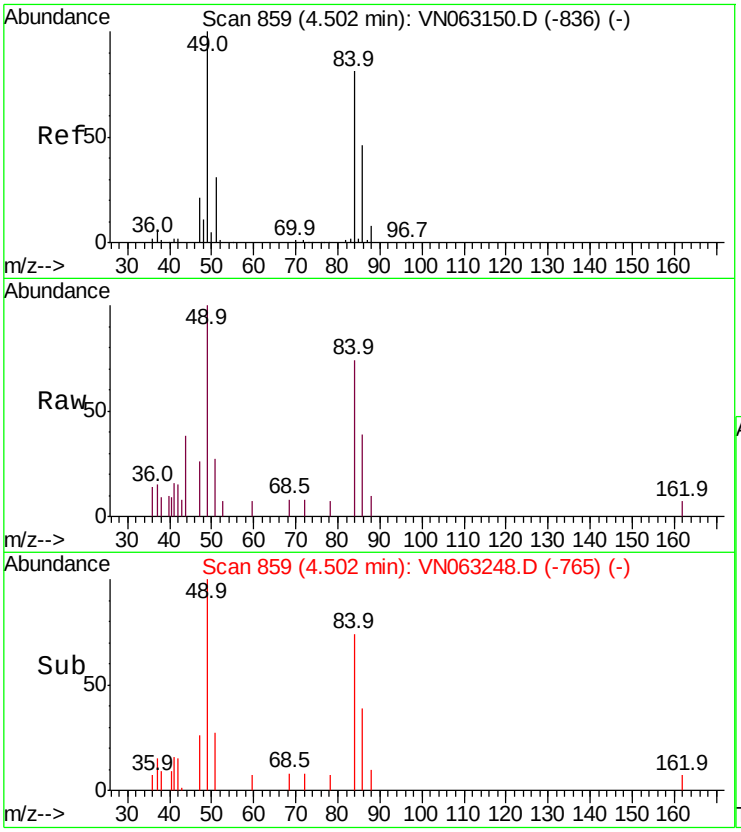


#19
Methyl tert-butyl Ether
Concen: 0.410 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion: 73 Resp: 4570

Ion	Ratio	Lower	Upper
73	100		
57	25.9	17.6	26.4



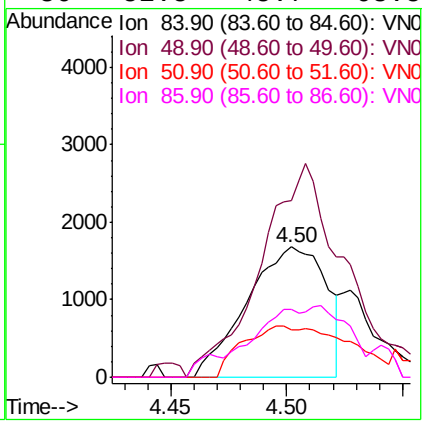


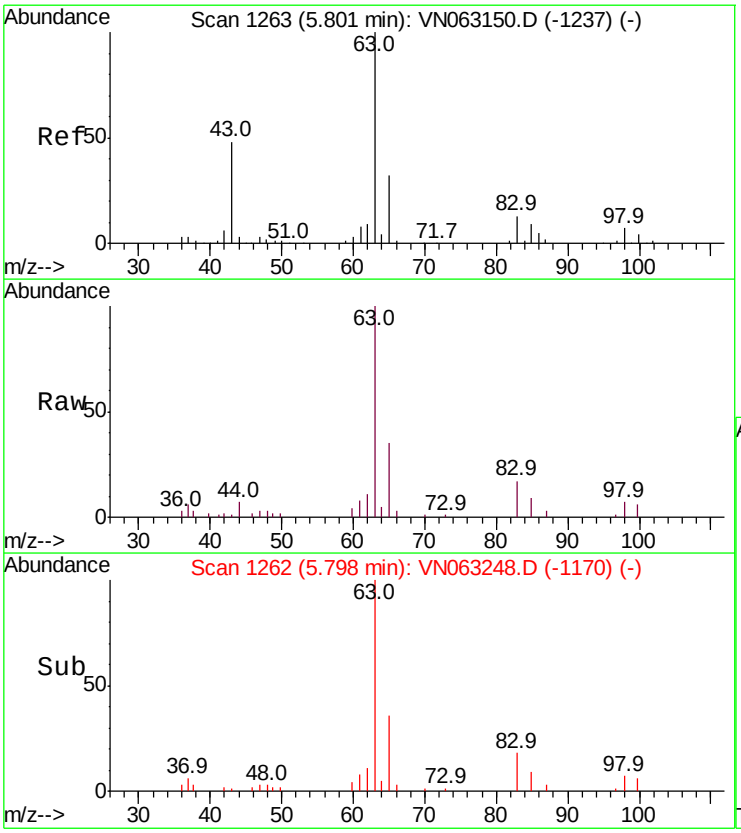
#20
Methylene Chloride
Concen: 0.630 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument : MSVOA_N
ClientSampleId : SA-PZ172I-20200902

Tgt Ion: 84 Resp: 3992

Ion	Ratio	Lower	Upper
84	100		
49	135.7	98.4	147.6
51	27.0	30.4	45.6#
86	52.5	45.7	68.5

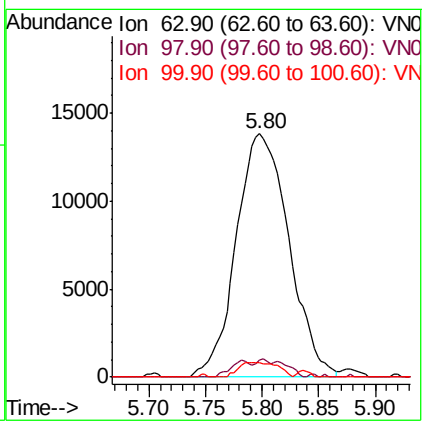


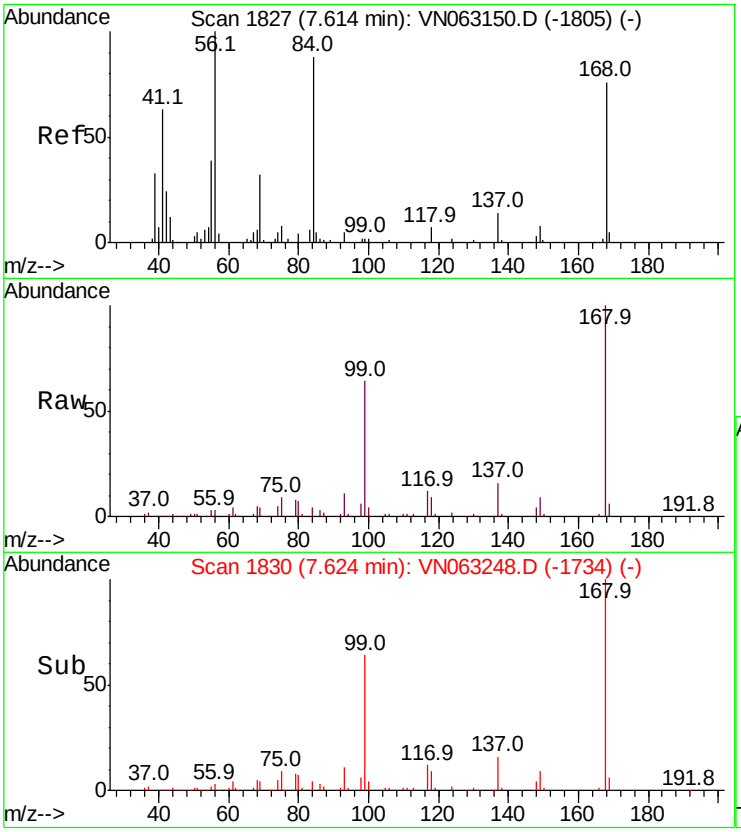


#24
1,1-Dichloroethane
Concen: 6.780 ug/l
RT: 5.80 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion: 63 Resp: 44672

Ion	Ratio	Lower	Upper
63	100		
98	6.9	3.4	10.1
100	5.7	2.3	6.8



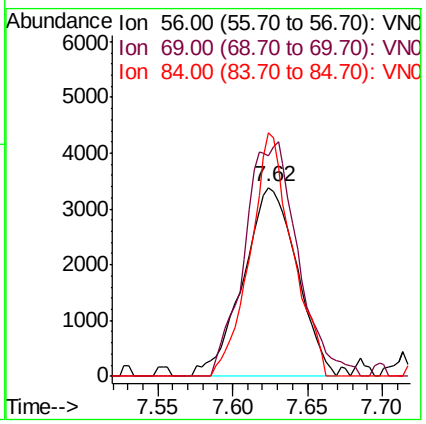


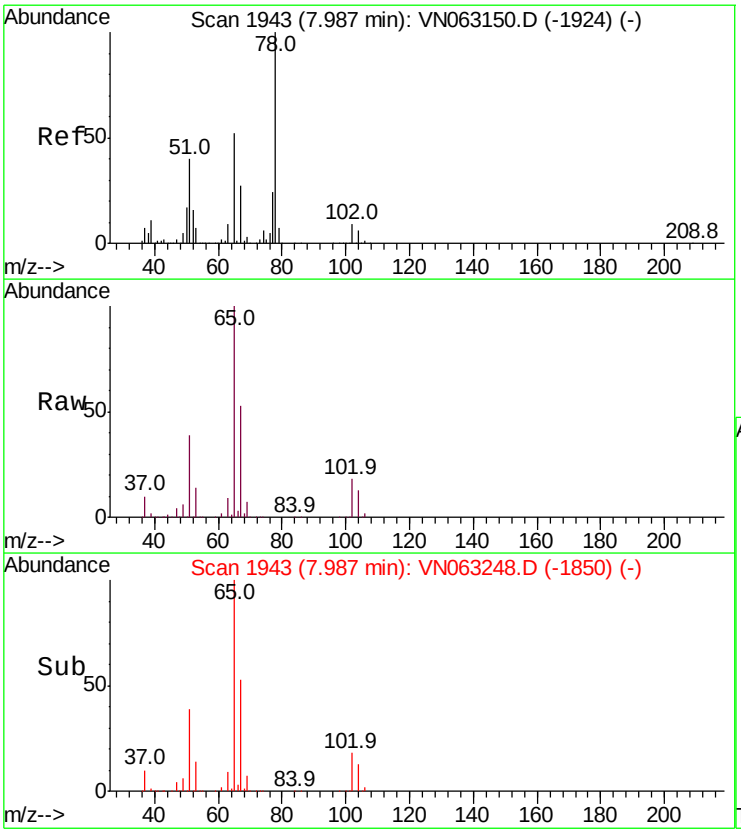
#31
Cyclohexane
Concen: Below Cal
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument : MSVOA_N
ClientSampleId : SA-PZ172I-20200902

Tgt Ion: 56 Resp: 8460

Ion	Ratio	Lower	Upper
56	100		
69	117.0	25.4	38.0#
84	128.9	70.2	105.4#

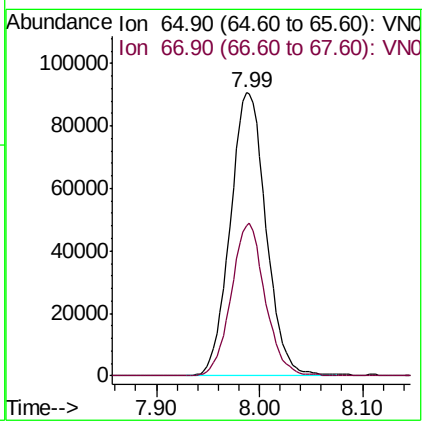


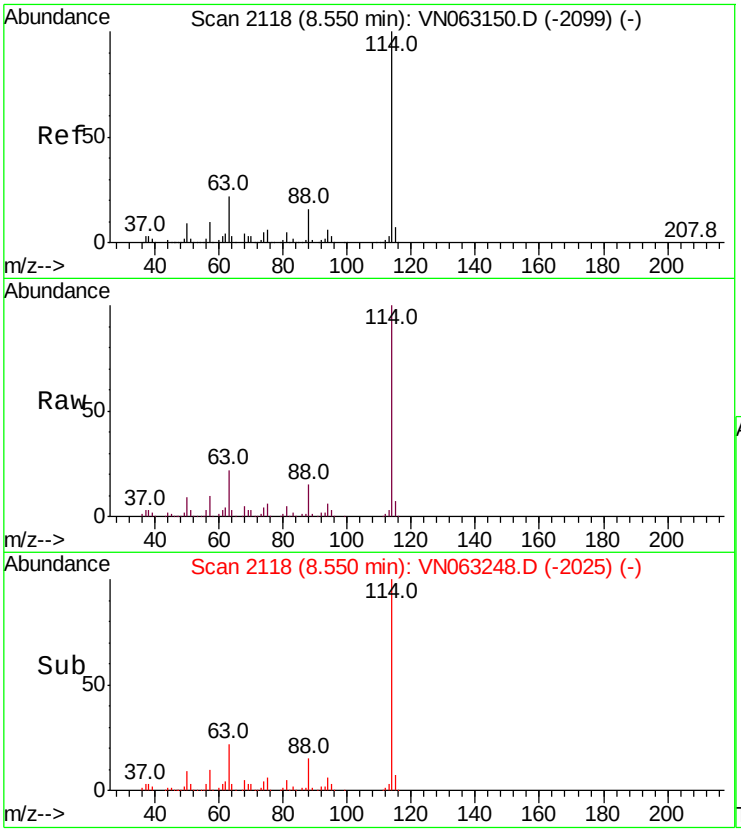


#33
1,2-Dichloroethane-d4
Concen: 48.920 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion: 65 Resp: 218901

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	104.4



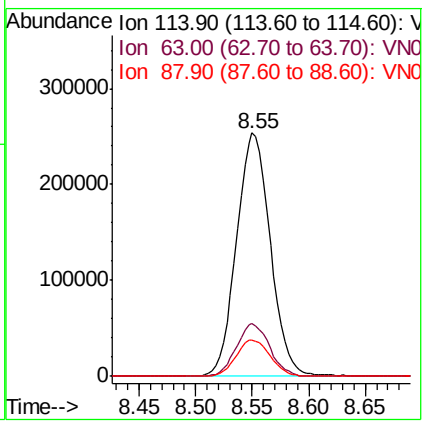


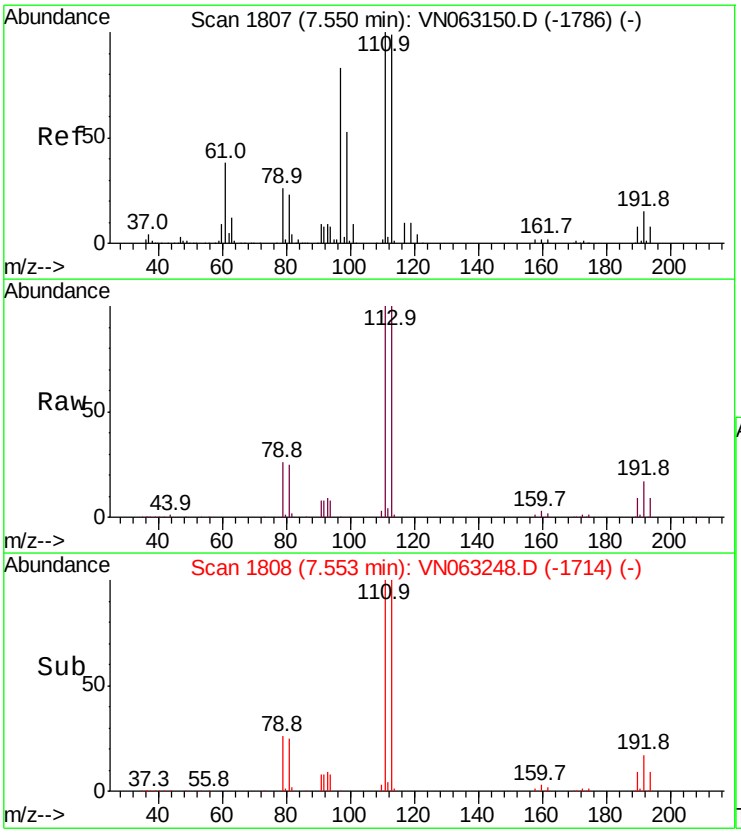
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion:114 Resp: 529610

Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.0
88	15.0	0.0	31.6

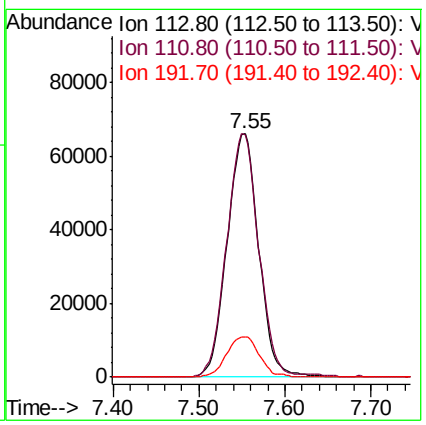


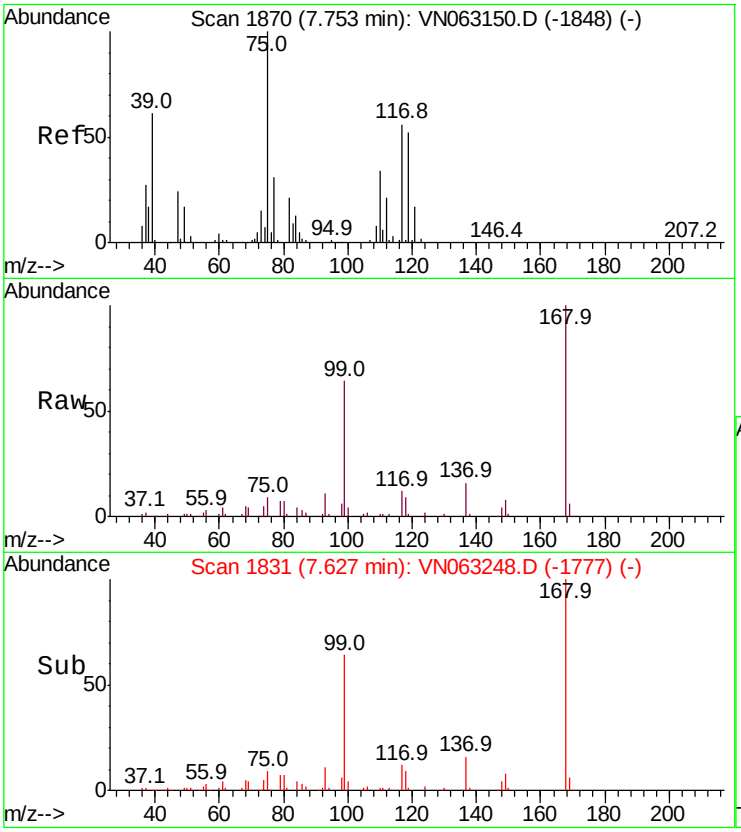


#35
Dibromofluoromethane
Concen: 49.538 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion:113 Resp: 168315

Ion	Ratio	Lower	Upper
113	100		
111	101.3	80.7	121.1
192	17.4	12.6	19.0



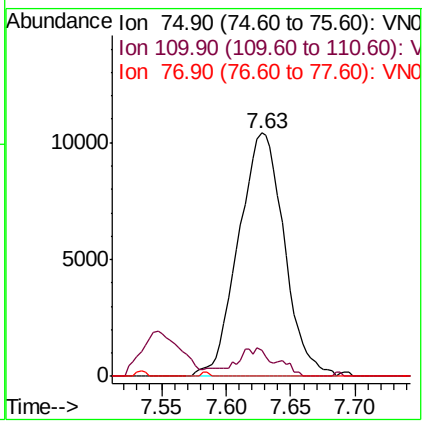


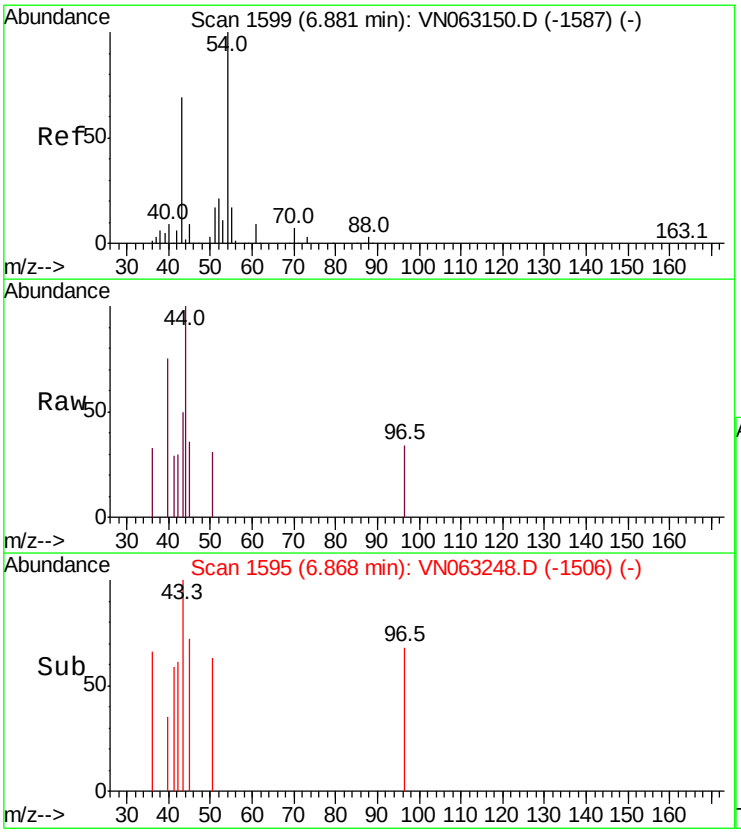
#36
1,1-Dichloropropene
Concen: 5.047 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion: 75 Resp: 25695

Ion	Ratio	Lower	Upper
75	100		
110	2.2	16.6	49.8#
77	0.0	25.4	38.2#

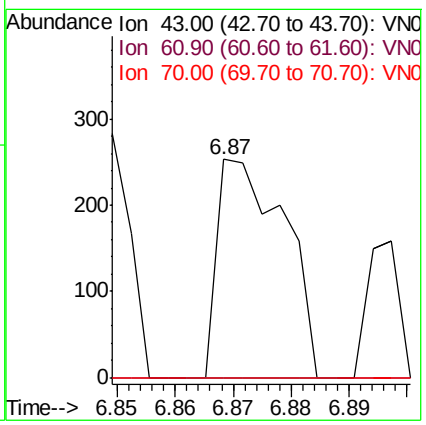


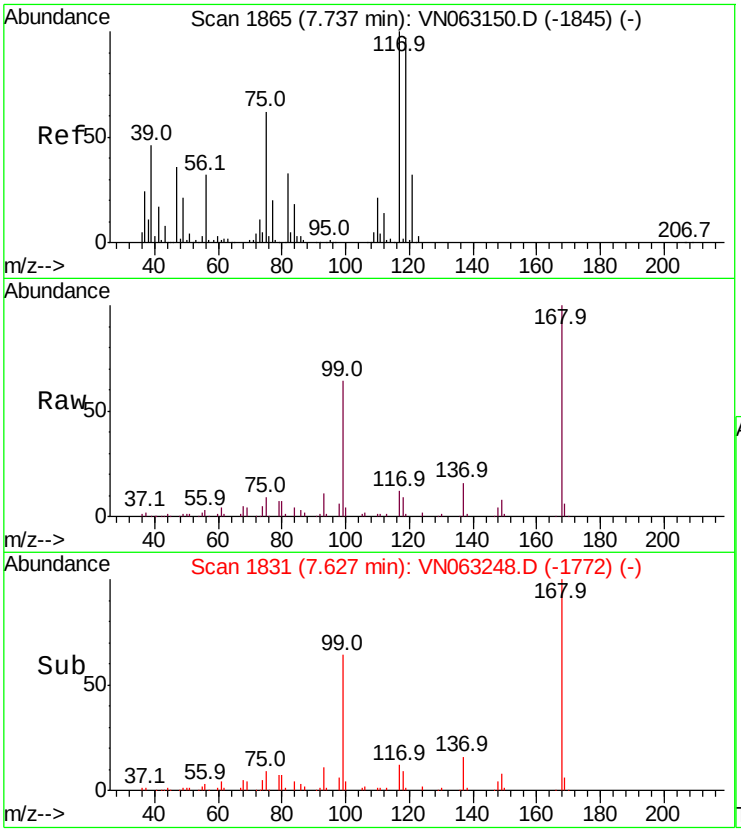


#37
Ethyl Acetate
Concen: 0.422 ug/l
RT: 6.87 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion: 43 Resp: 203

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



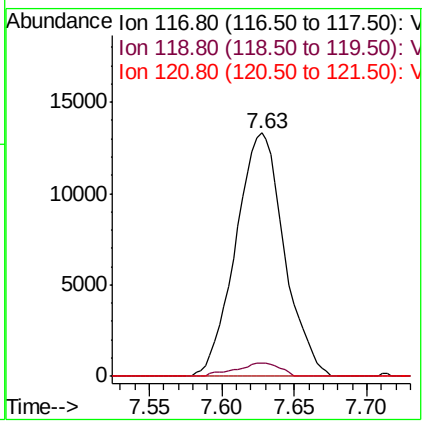


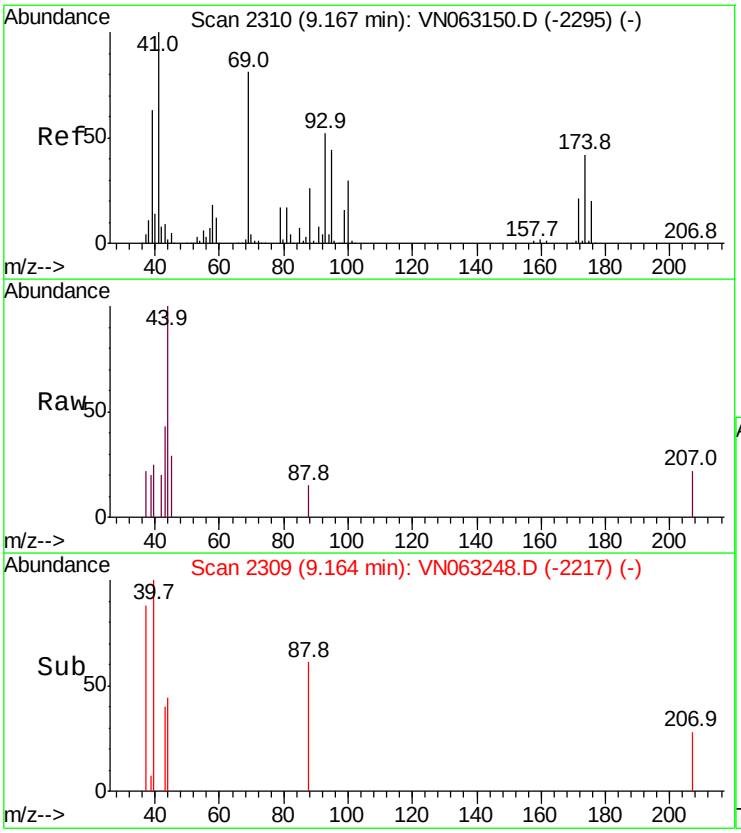
#38
Carbon Tetrachloride
Concen: 5.983 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion:117 Resp: 30895

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.2	115.8#
121	0.0	25.6	38.4#

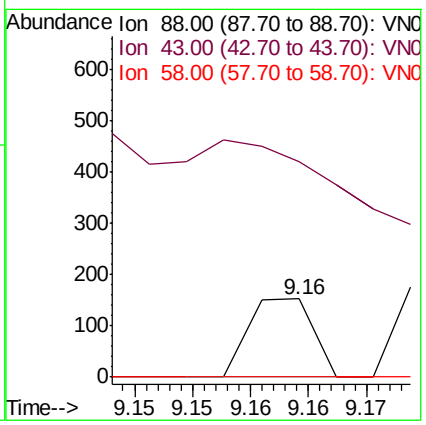


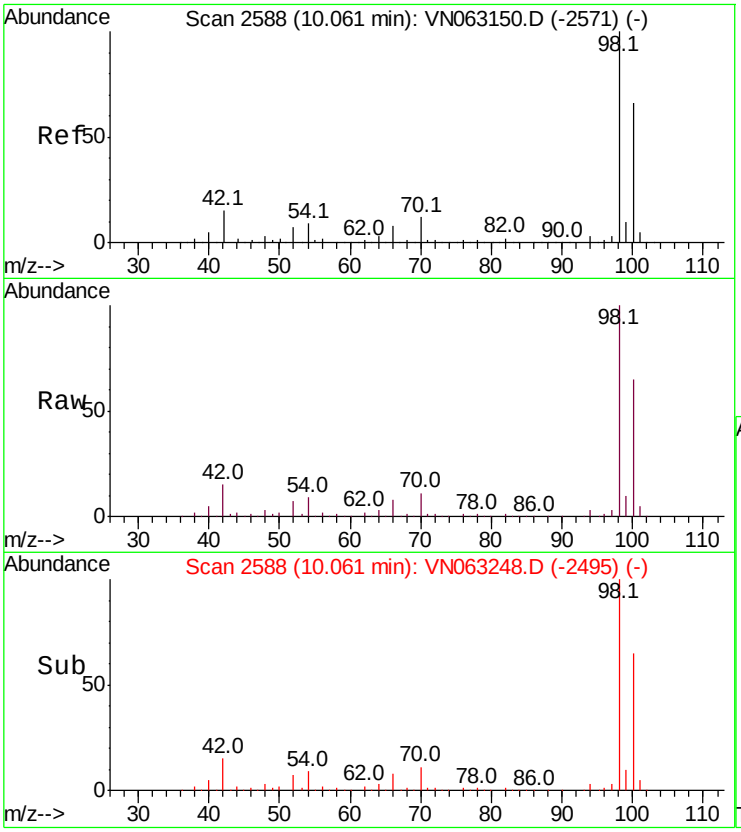


#49
1,4-Dioxane
Concen: 1.002 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion: 88 Resp: 58

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



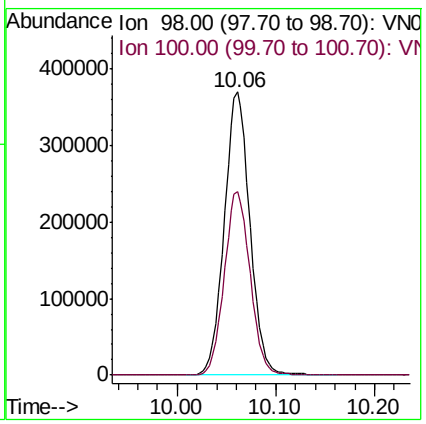


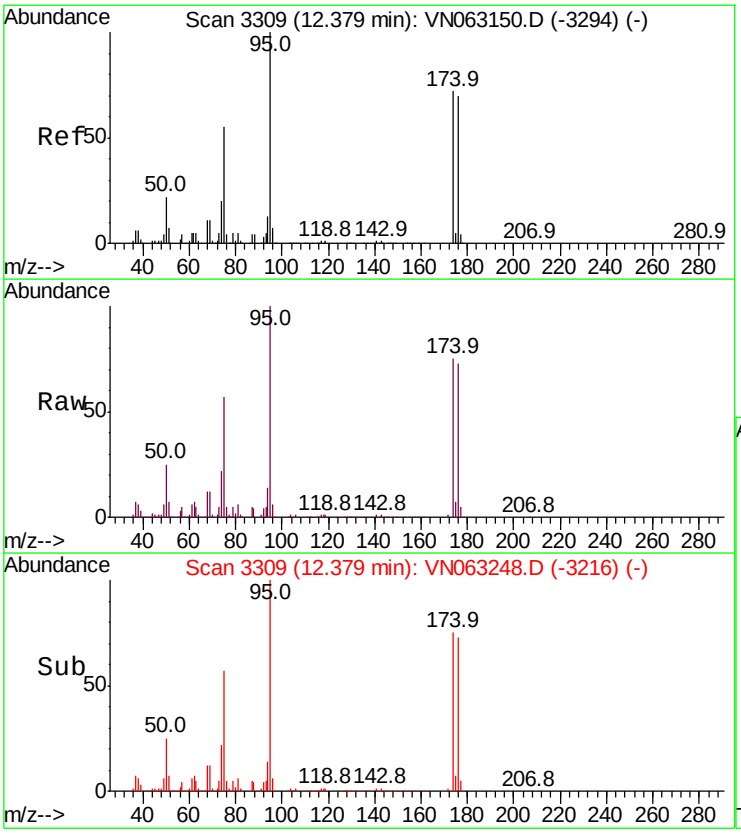
#50
Toluene-d8
Concen: 51.457 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion: 98 Resp: 672942

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.0	78.0

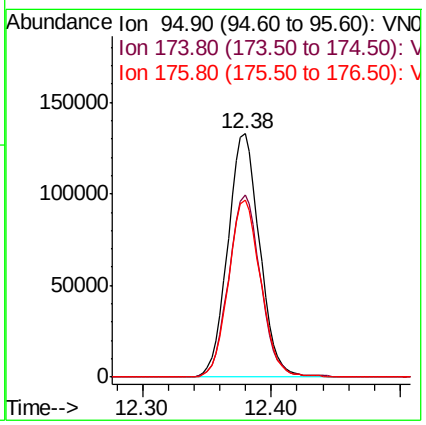


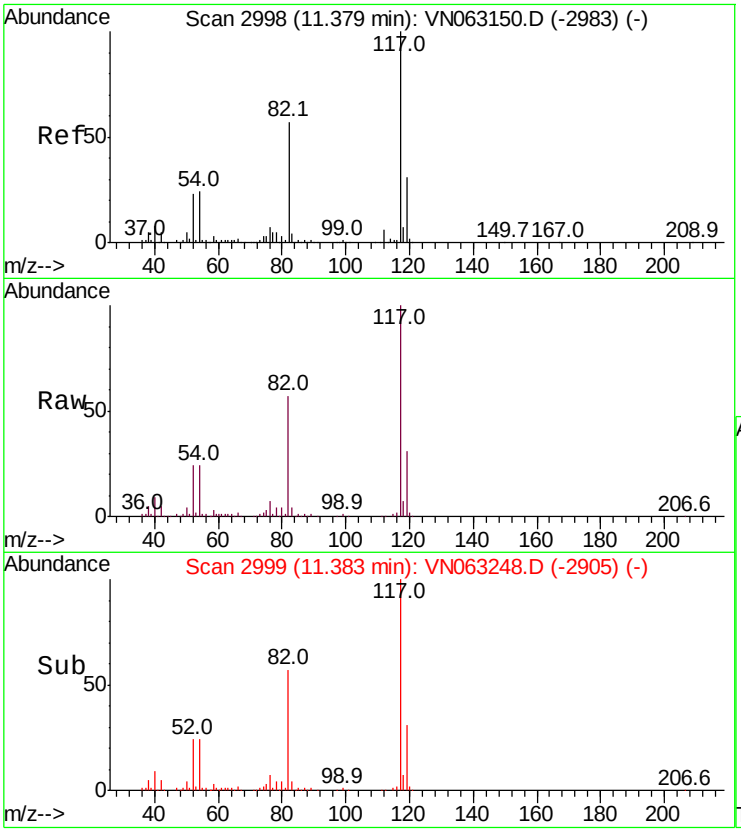


#62
4-Bromofluorobenzene
Concen: 49.938 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion: 95 Resp: 228452

Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	143.8
176	73.5	0.0	138.4



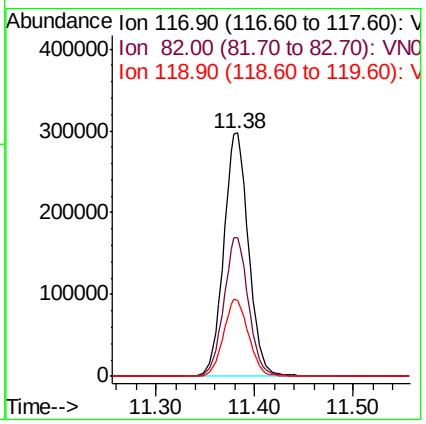


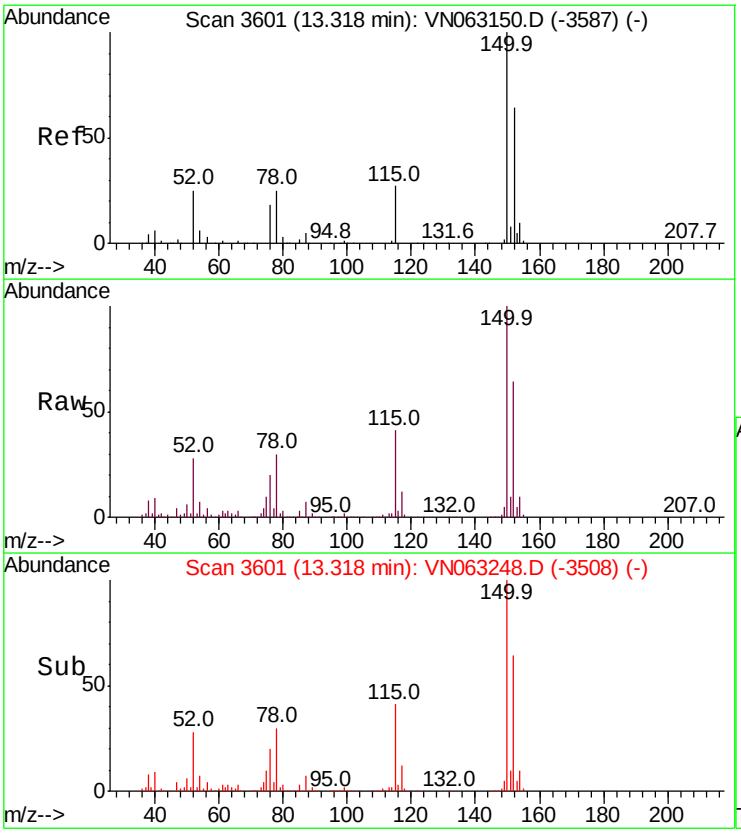
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion:117 Resp: 523441

Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.4	68.0
119	31.3	24.6	37.0

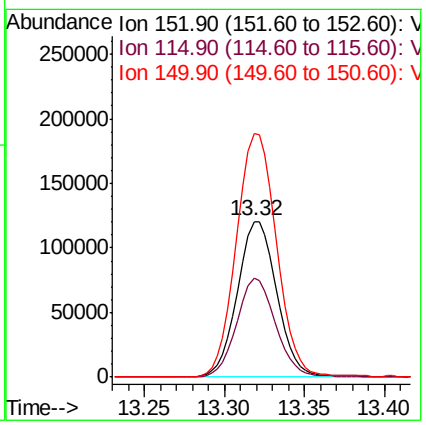


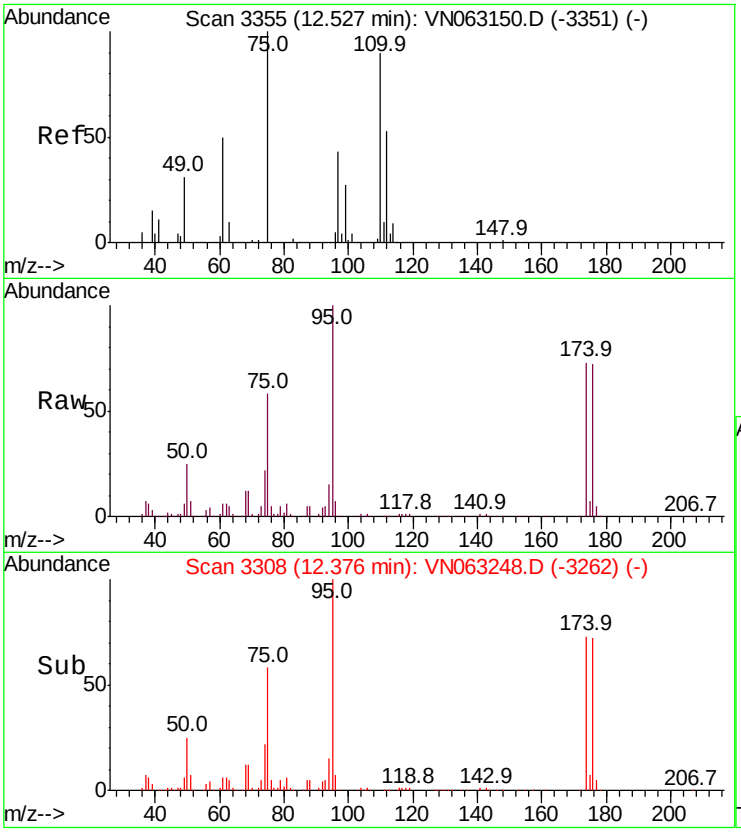


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion:152 Resp: 202516

Ion	Ratio	Lower	Upper
152	100		
115	62.8	32.0	96.2
150	160.0	0.0	353.0



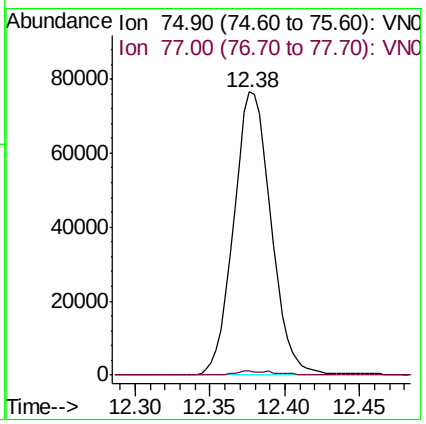


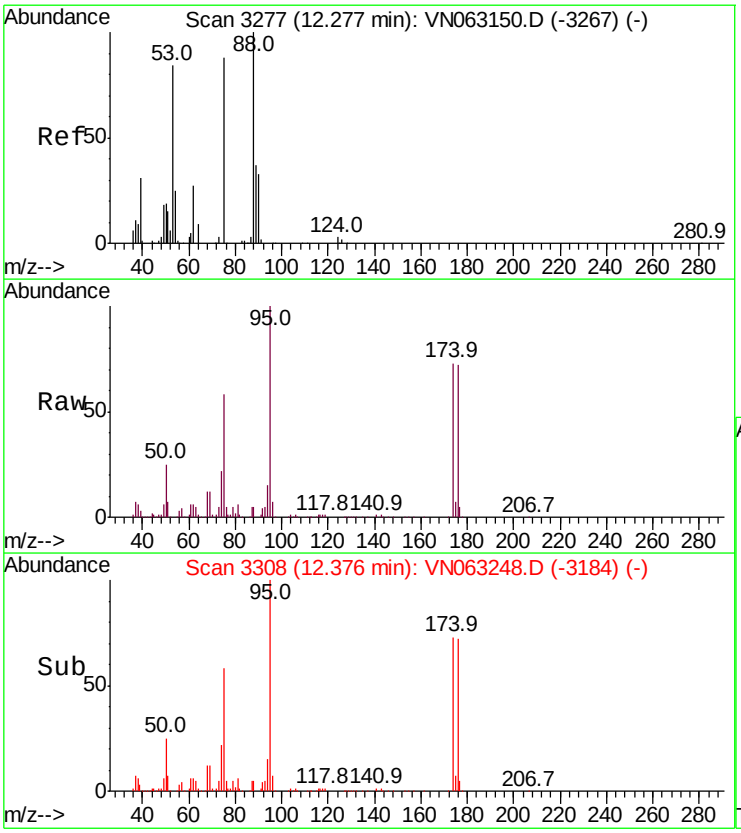
#76
1,2,3-Trichloropropane
Concen: 33.431 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion: 75 Resp: 133021

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

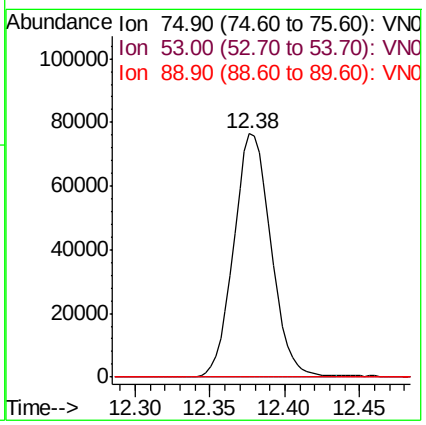


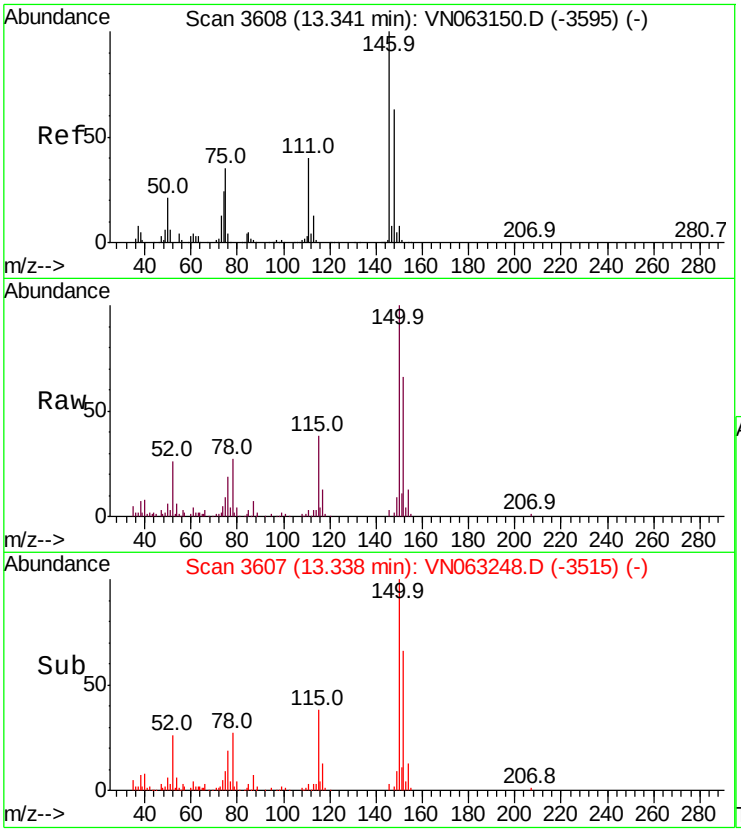


#81
trans-1,4-Dichloro-2-butene
Concen: 80.801 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion: 75 Resp: 133021

Ion	Ratio	Lower	Upper
75	100		
53	0.1	78.7	118.1#
89	0.0	35.3	52.9#



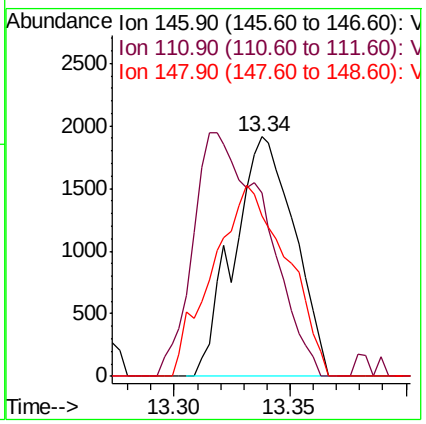


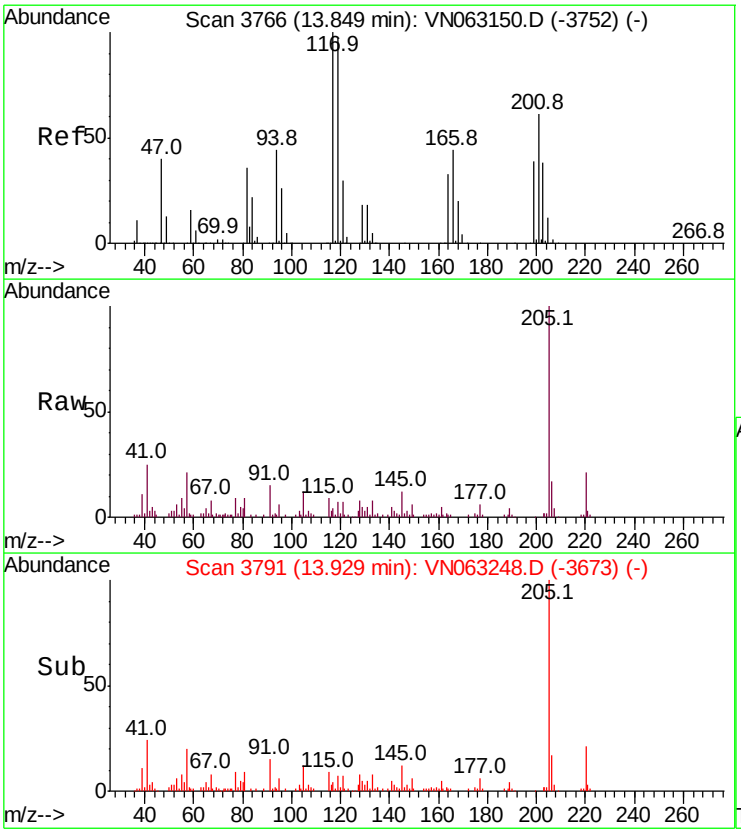
#88
1,4-Dichlorobenzene
Concen: 0.523 ug/l
RT: 13.34 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion:146 Resp: 3498

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.5	61.5#
148	96.8	31.9	95.7#

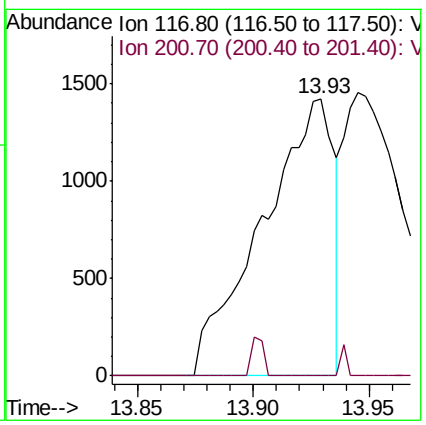


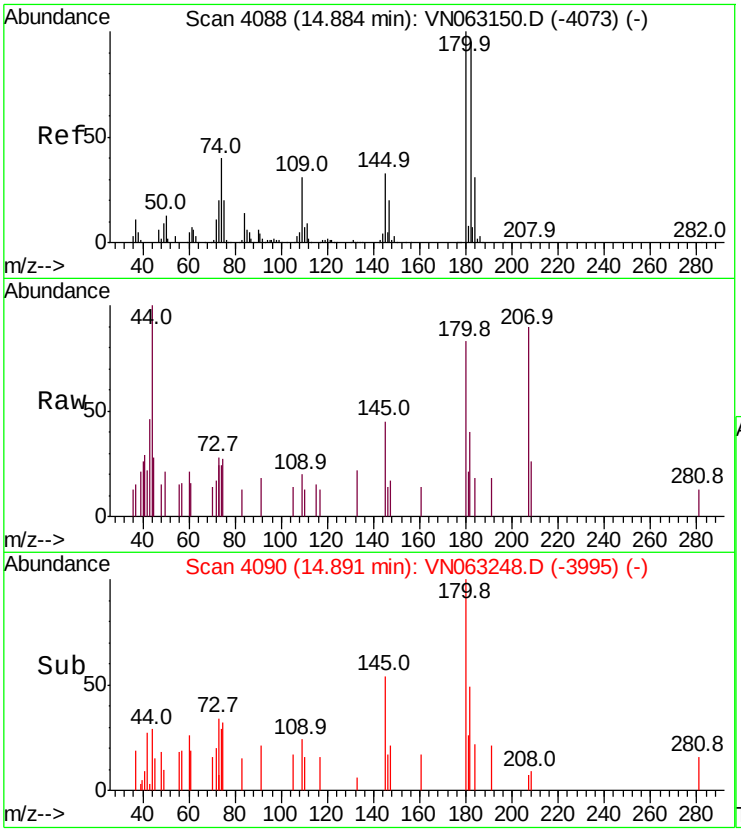


#90
Hexachloroethane
Concen: 1.282 ug/l
RT: 13.93 min Scan# 3791
Delta R.T. 0.08 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion:117 Resp: 3045

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.6	92.0#



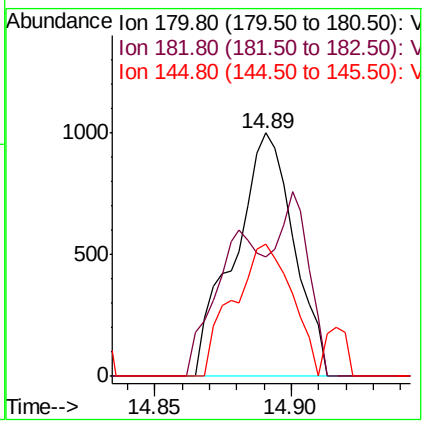


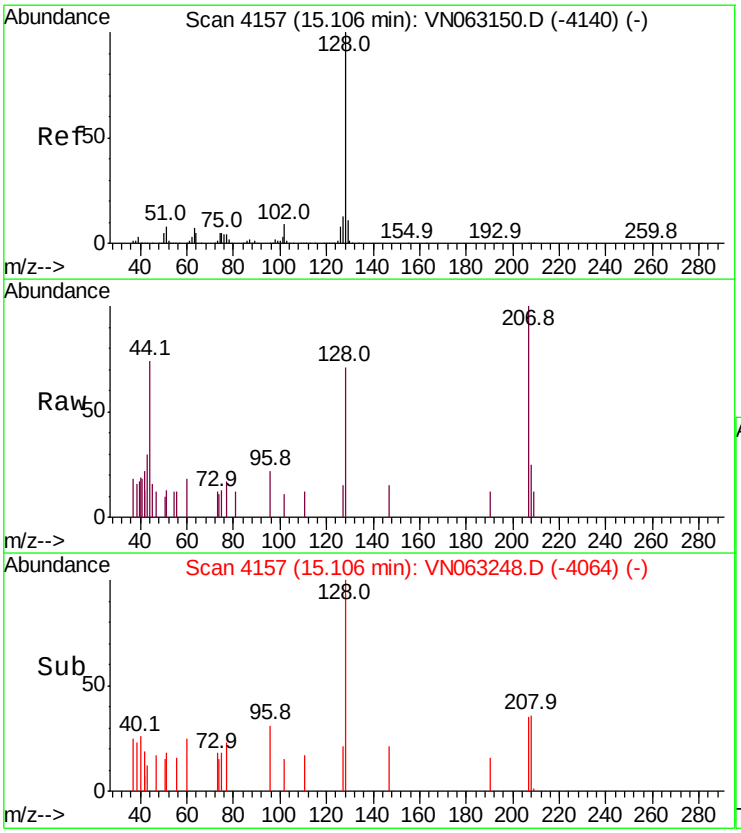
#93
1,2,4-Trichlorobenzene
Concen: 0.430 ug/l
RT: 14.89 min Scan# 4090
Delta R.T. 0.01 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ172I-20200902

Tgt Ion:180 Resp: 1504

Ion	Ratio	Lower	Upper
180	100		
182	49.4	47.5	142.5
145	54.3	16.6	49.8#





#95
Naphthalene
Concen: 0.214 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063248.D
Acq: 4 Sep 2020 15:25

Tgt Ion:128 Resp: 2500

Ion	Ratio	Lower	Upper
128	100		
127	5.2	10.5	15.7#
129	0.0	8.6	13.0#