Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090420\
Data File : VN063245.D
Acq On : 4 Sep 2020 14:13
Operator : JC/MD
Sample : L3902-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : SA-MW132I-20200901

Quant Time: Sep 05 07:30:11 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	266828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	514585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	502402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194600	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	210263	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.40%			
35) Dibromofluoromethane	7.55	113	163746	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.20%			
50) Toluene-d8	10.06	98	655571	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.18%			
62) 4-Bromofluorobenzene	12.38	95	221030	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.46%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	1664	0.435	ug/l #	83
6) Chloroethane	2.68	64	39787	11.839	ug/l	96
7) Trichlorofluoromethane	2.96	101	112	Below Cal	#	19
11) Tert butyl alcohol	4.71	59	131	0.245	ug/l #	72
12) 1,1-Dichloroethene	3.70	96	24987	8.535	ug/l #	79
13) Acrolein	3.58	56	62	16.054	ug/l #	1
15) Acrylonitrile	4.88	53	70	2.450	ug/l #	1
16) Acetone	3.79	43	1578	1.273	ug/l #	46
20) Methylene Chloride	4.50	84	107	Below Cal	#	17
24) 1,1-Dichloroethane	5.80	63	794291	123.663	ug/l	99
25) 2-Butanone	6.79	43	386	0.201	ug/l #	50
31) Cyclohexane	7.63	56	8316	Below Cal	#	47
32) 1,1,1-Trichloroethane	7.53	97	43211	7.462	ug/l	98
36) 1,1-Dichloropropene	7.63	75	25508	5.156	ug/l #	50
37) Ethyl Acetate	6.89	43	286	0.441	ug/l #	72
38) Carbon Tetrachloride	7.63	117	28176	5.616	ug/l #	16
49) 1,4-Dioxane	9.16	88	67	1.191	ug/l #	1
71) Bromoform	12.37	173	1104	0.433	ug/l #	1
73) Isopropylbenzene	12.23	105	6254	0.419	ug/l	91
76) 1,2,3-Trichloropropane	12.38	75	127647	33.385	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	127647	80.691	ug/l #	10
85) sec-Butylbenzene	13.15	105	7017	0.505	ug/l #	76
88) 1,4-Dichlorobenzene	13.34	146	4556	0.710	ug/l #	62
90) Hexachloroethane	13.97	117	4453	1.951	ug/l #	20
93) 1,2,4-Trichlorobenzene	14.88	180	761	0.226	ug/l #	1
95) Naphthalene	15.12	128	2467	0.220	ug/l #	90

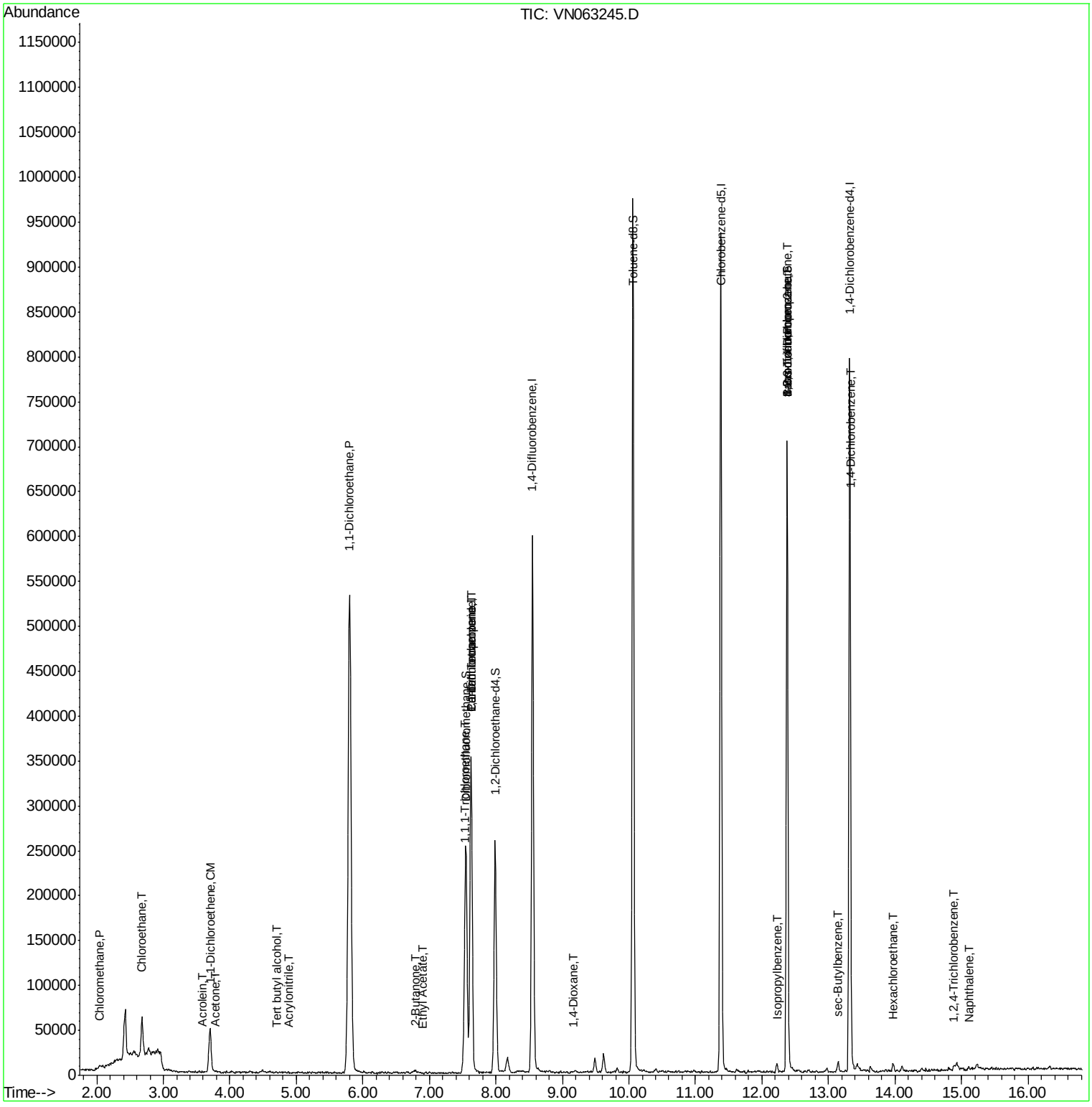
(#) = qualifier out of range (m) = manual integration (+) = signals summed

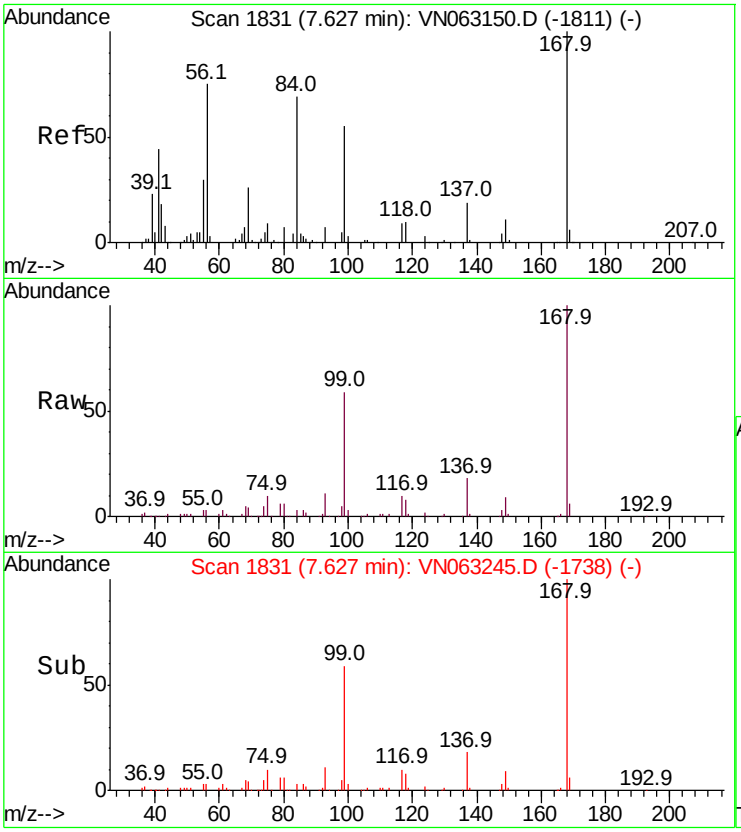
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090420\
Data File : VN063245.D
Acq On : 4 Sep 2020 14:13
Operator : JC/MD
Sample : L3902-15
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Quant Time: Sep 05 07:30:11 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



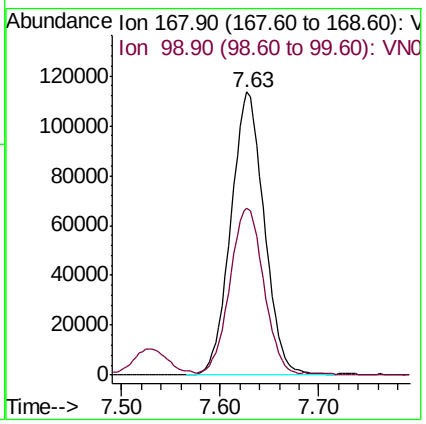


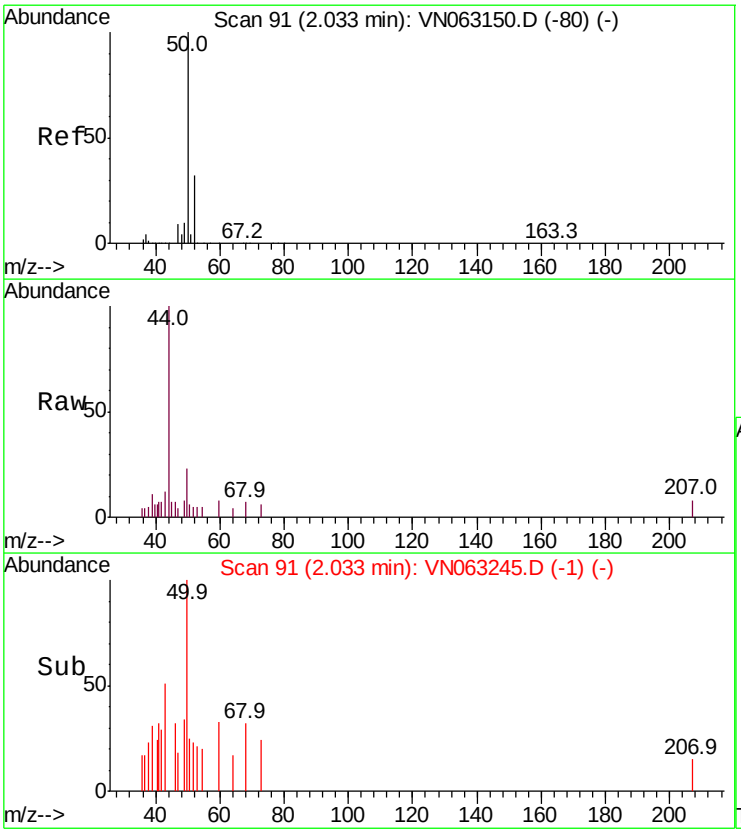
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion:168 Resp: 266828

Ion	Ratio	Lower	Upper
168	100		
99	58.8	54.2	81.2

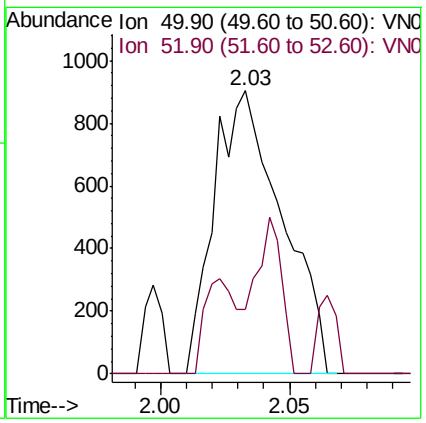


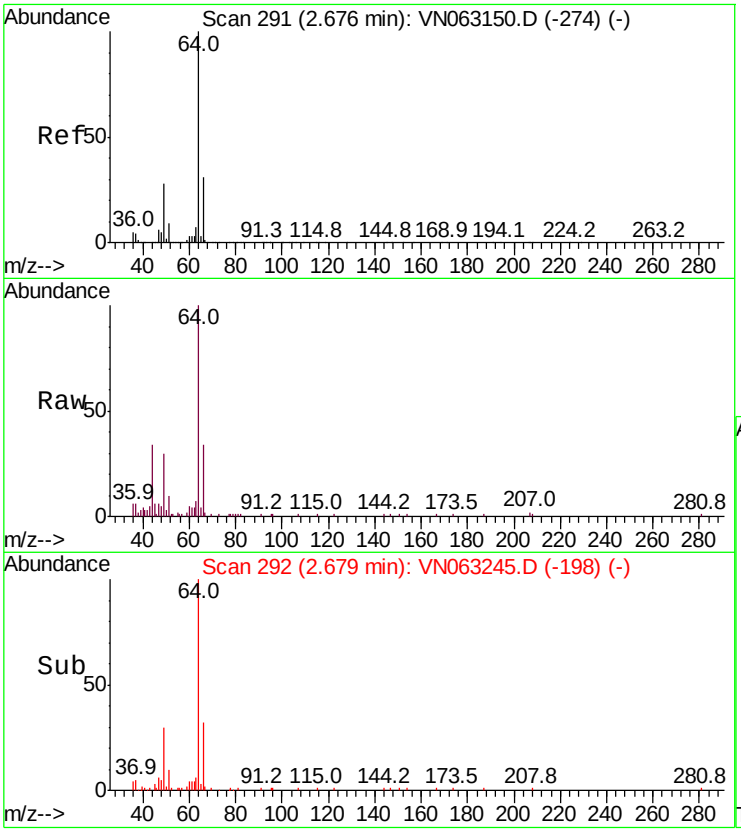


#3
Chloromethane
Concen: 0.435 ug/l
RT: 2.03 min Scan# 91
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 50 Resp: 1664

Ion	Ratio	Lower	Upper
50	100		
52	22.7	25.8	38.6#



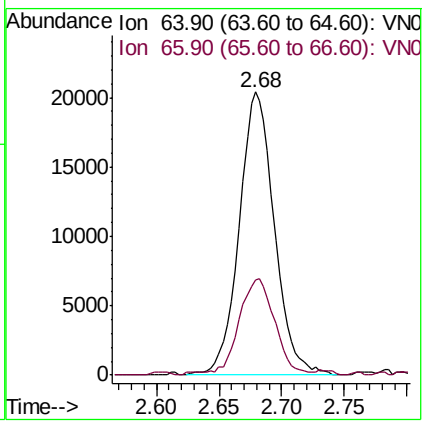


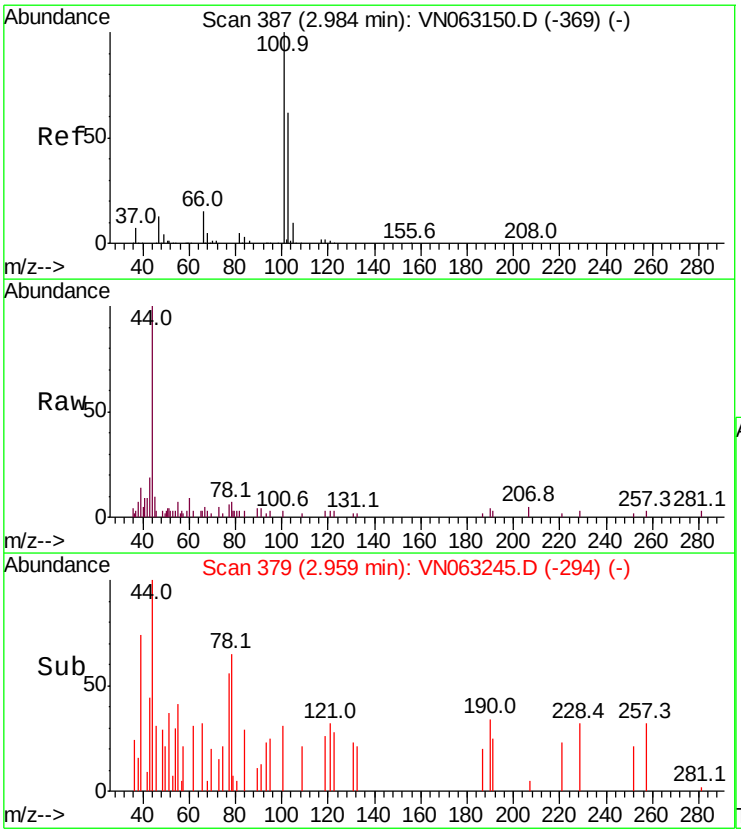
#6
Chloroethane
Concen: 11.839 ug/l
RT: 2.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion: 64 Resp: 39787

Ion	Ratio	Lower	Upper
64	100		
66	33.0	24.7	37.1

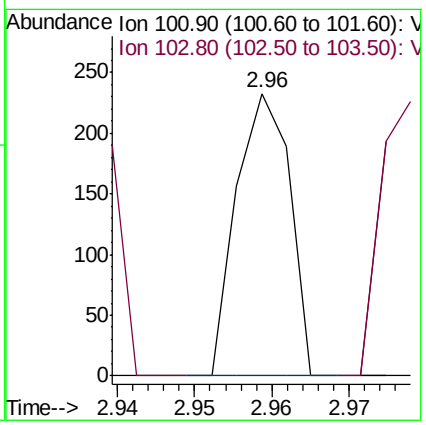


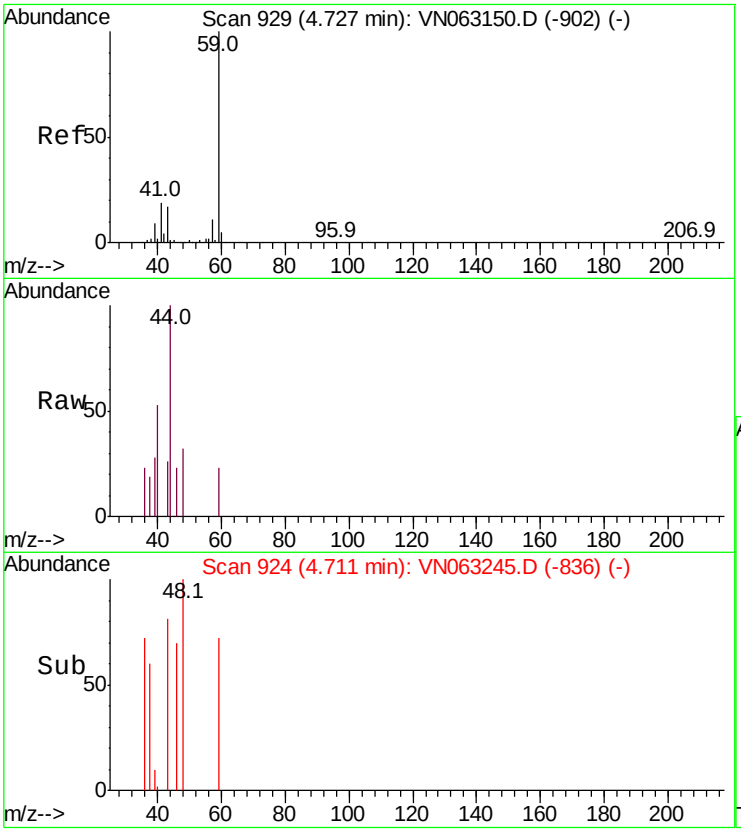


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 2.96 min Scan# 379
Delta R.T. -0.03 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:101 Resp: 112

Ion	Ratio	Lower	Upper
101	100		
103	0.0	49.7	74.5#



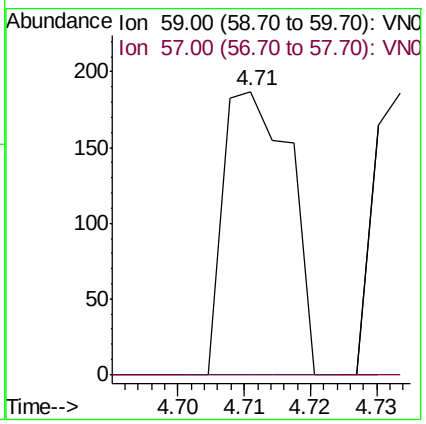


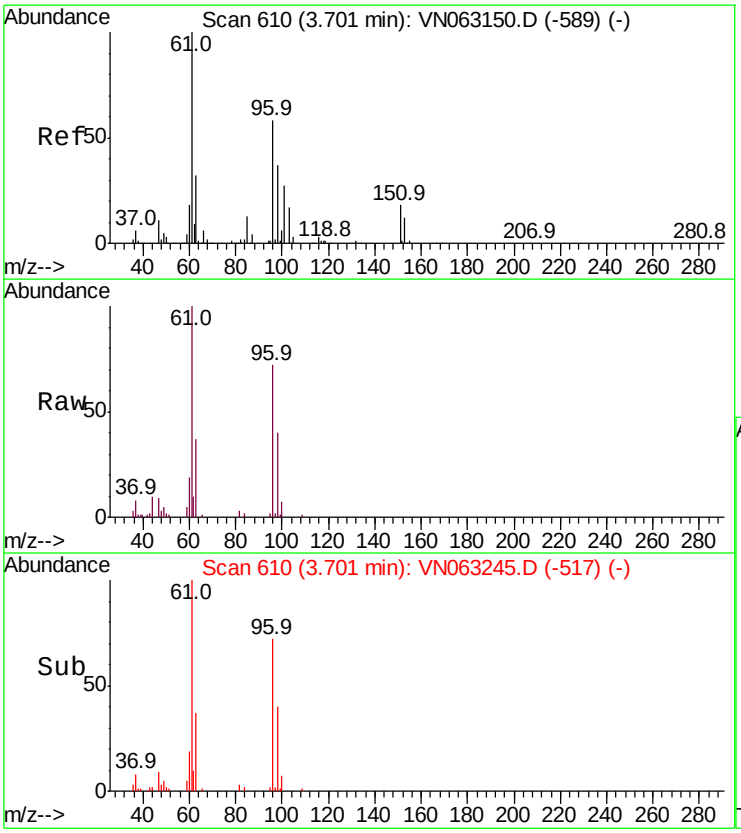
#11
Tert butyl alcohol
Concen: 0.245 ug/l
RT: 4.71 min Scan# 924
Delta R.T. -0.02 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion: 59 Resp: 131

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

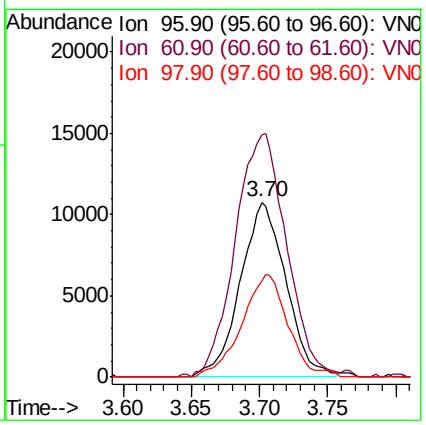


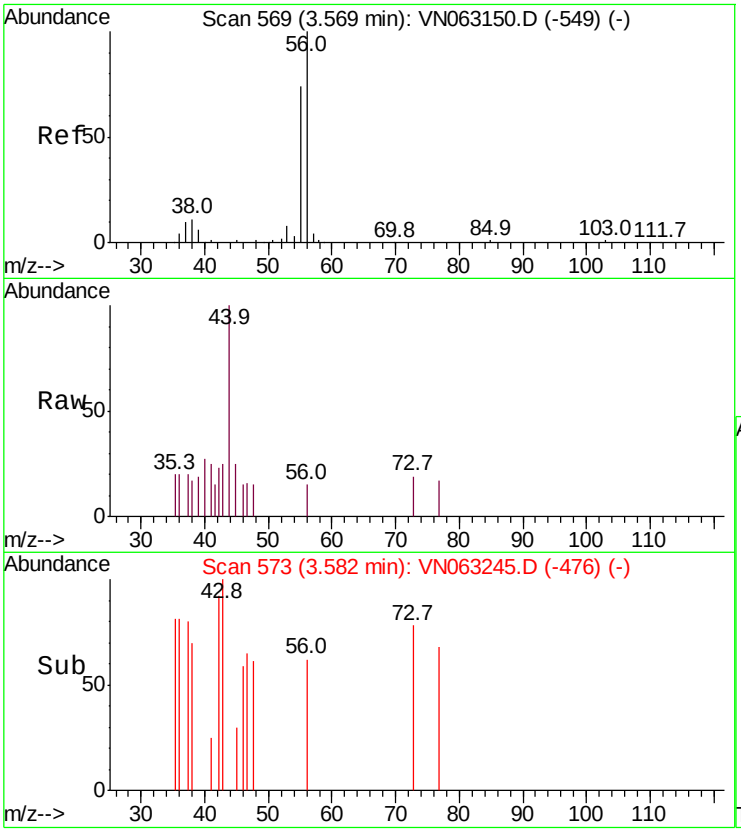


#12
1,1-Dichloroethene
Concen: 8.535 ug/l
RT: 3.70 min Scan# 610
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 96 Resp: 24987

Ion	Ratio	Lower	Upper
96	100		
61	136.8	137.4	206.2#
98	54.9	50.5	75.7



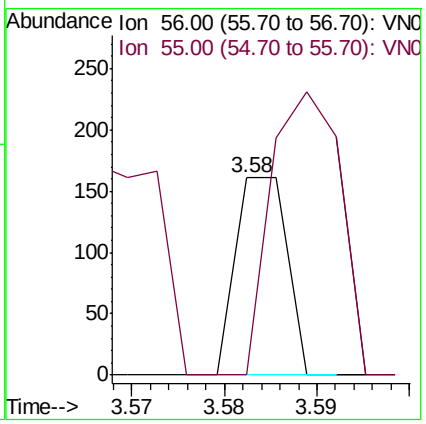


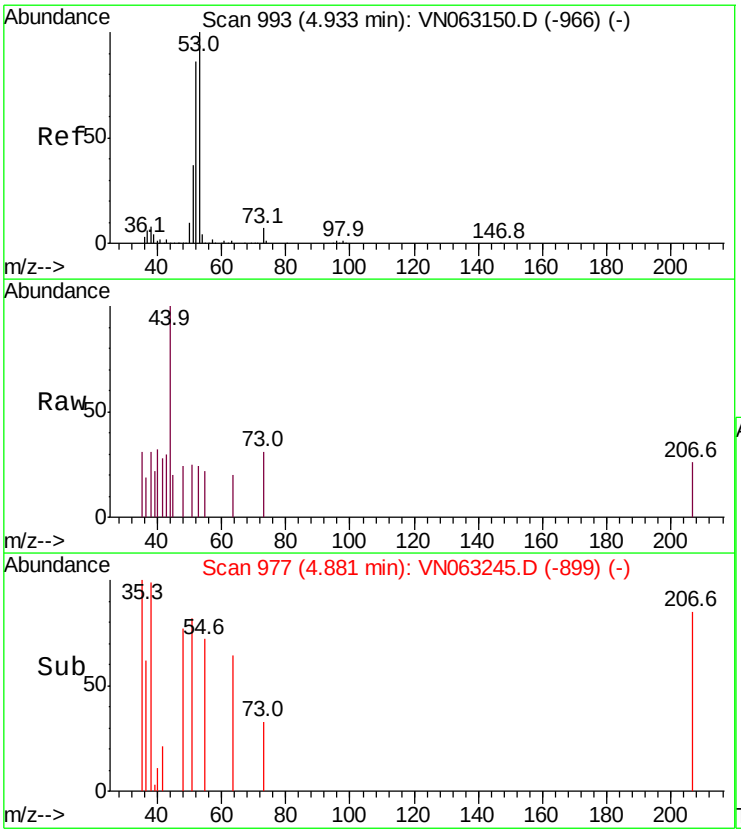
#13
Acrolein
Concen: 16.054 ug/l
RT: 3.58 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion: 56 Resp: 62

Ion	Ratio	Lower	Upper
56	100		
55	193.5	55.4	83.0#

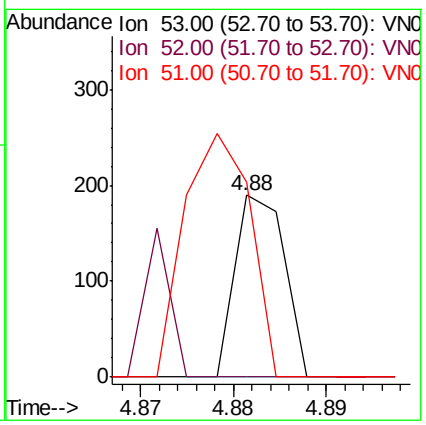


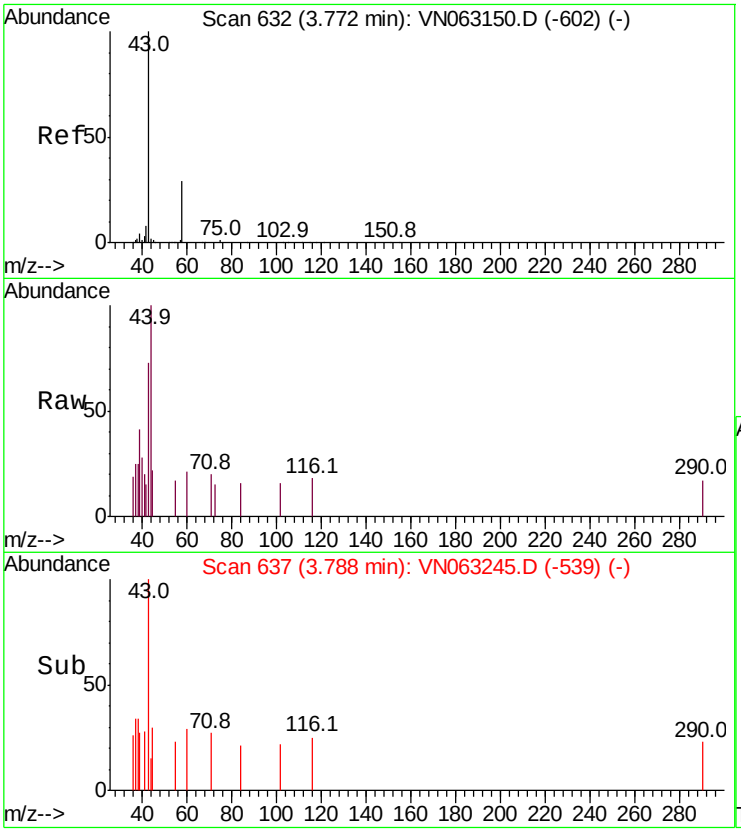


#15
Acrylonitrile
Concen: 2.450 ug/l
RT: 4.88 min Scan# 977
Delta R.T. -0.05 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 53 Resp: 70

Ion	Ratio	Lower	Upper
53	100		
52	42.9	67.2	100.8#
51	178.6	30.2	45.4#



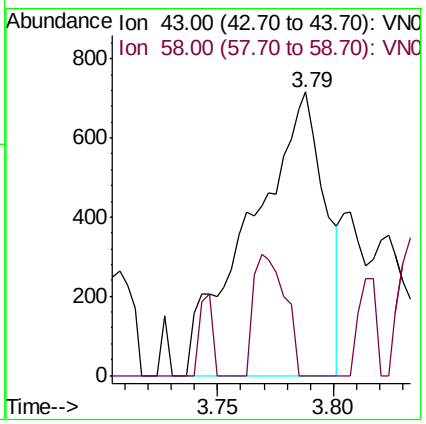


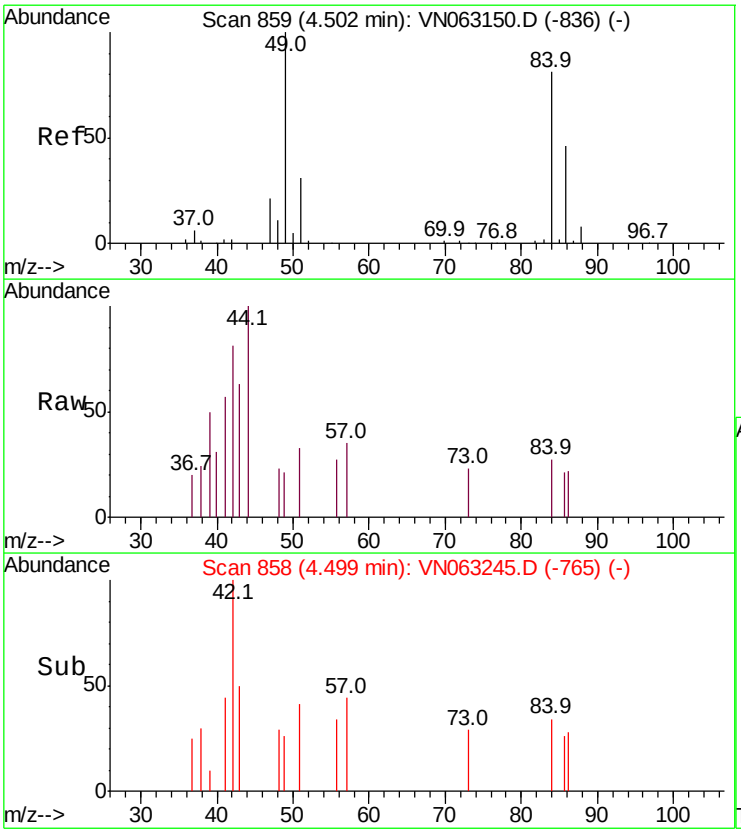
#16
Acetone
Concen: 1.273 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.02 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion: 43 Resp: 1578

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.1	34.7#

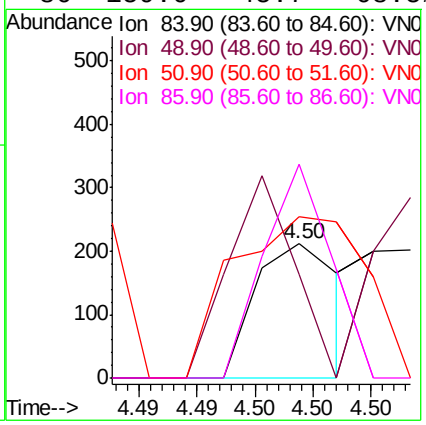


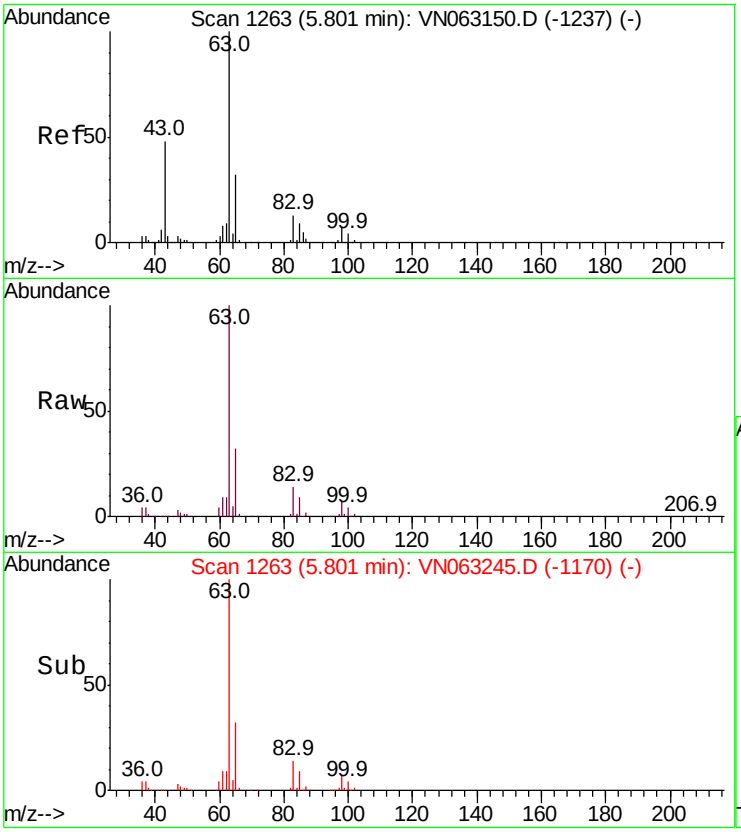


#20
Methylene Chloride
Concen: Below Cal
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 84 Resp: 107

Ion	Ratio	Lower	Upper
84	100		
49	77.4	98.4	147.6#
51	119.8	30.4	45.6#
86	159.0	45.7	68.5#



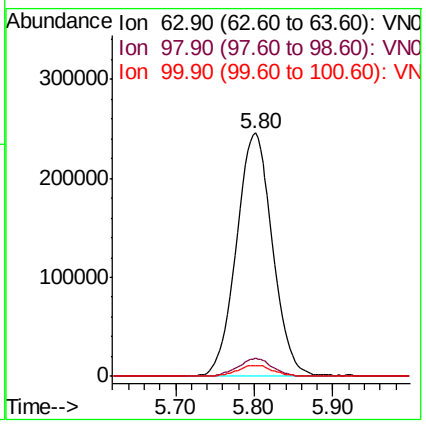


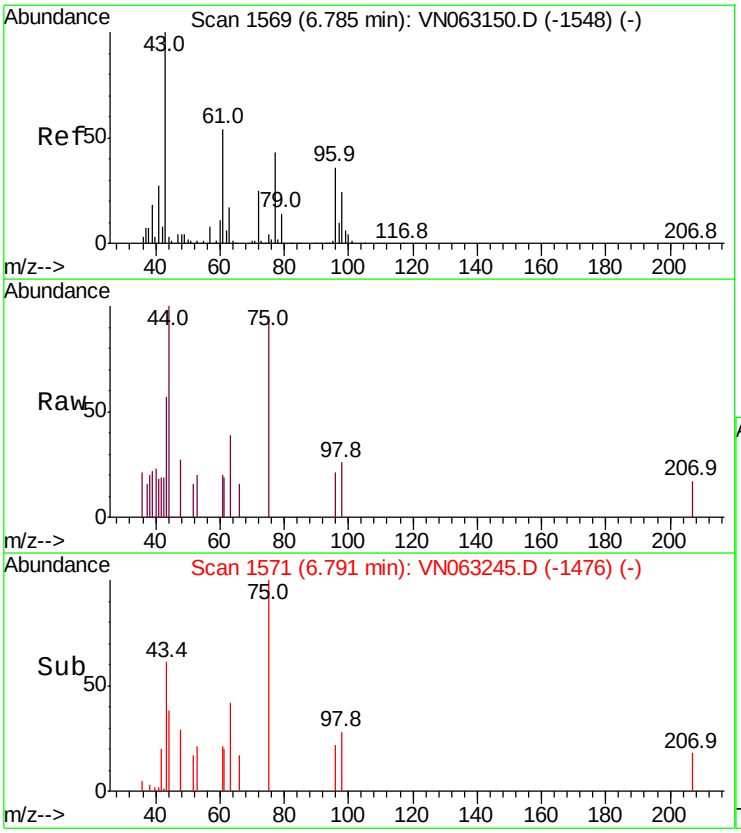
#24
1,1-Dichloroethane
Concen: 123.663 ug/l
RT: 5.80 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion: 63 Resp: 794291

Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.4	10.1
100	4.5	2.3	6.8

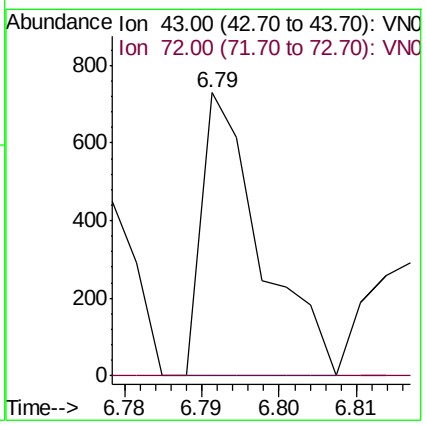


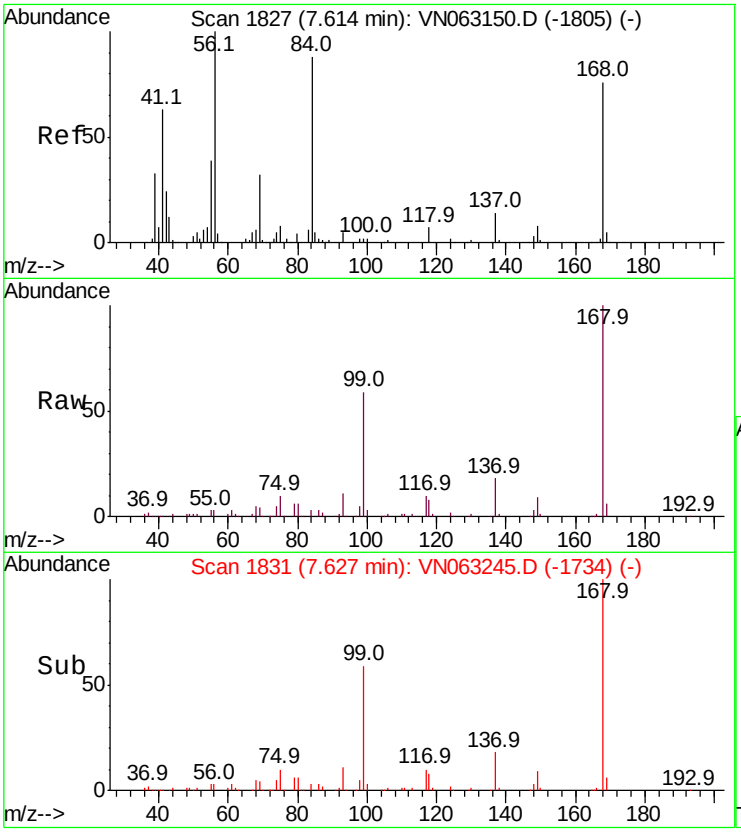


#25
2-Butanone
Concen: 0.201 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 43 Resp: 386

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.2	30.4#



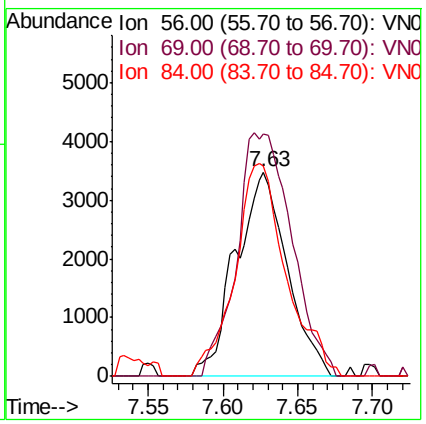


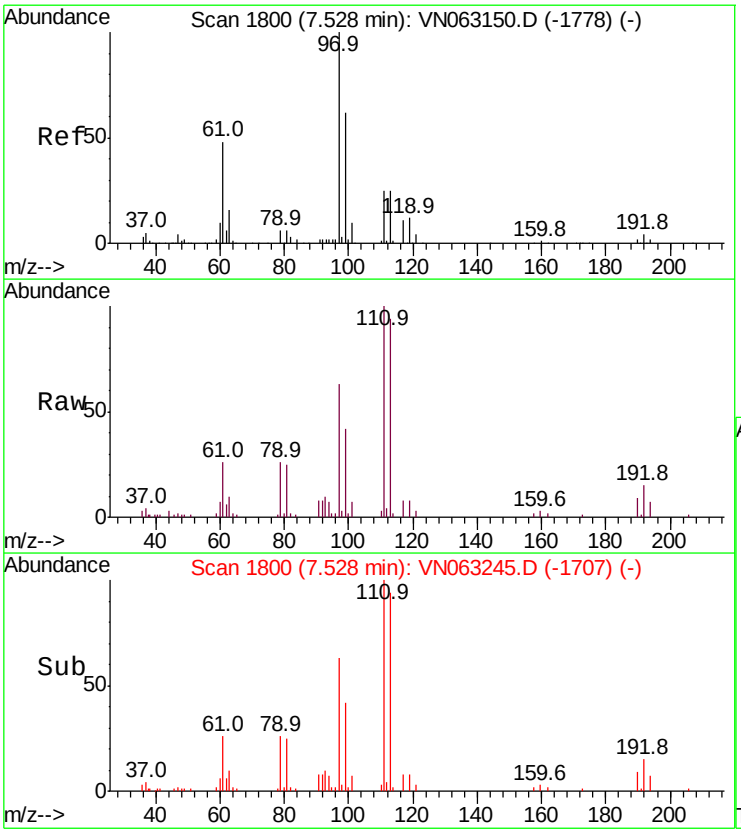
#31
Cyclohexane
Concen: Below Cal
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument : MSVOA_N
ClientSampleId : SA-MW132I-20200901

Tgt Ion: 56 Resp: 8316

Ion	Ratio	Lower	Upper
56	100		
69	118.3	25.4	38.0#
84	103.0	70.2	105.4

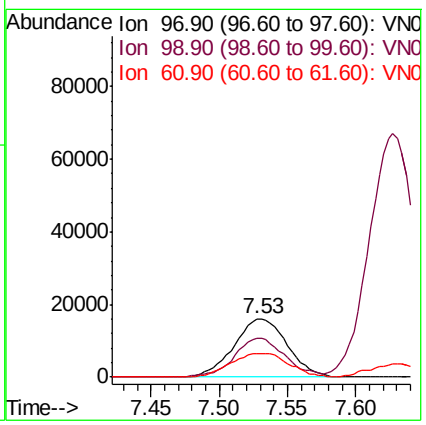


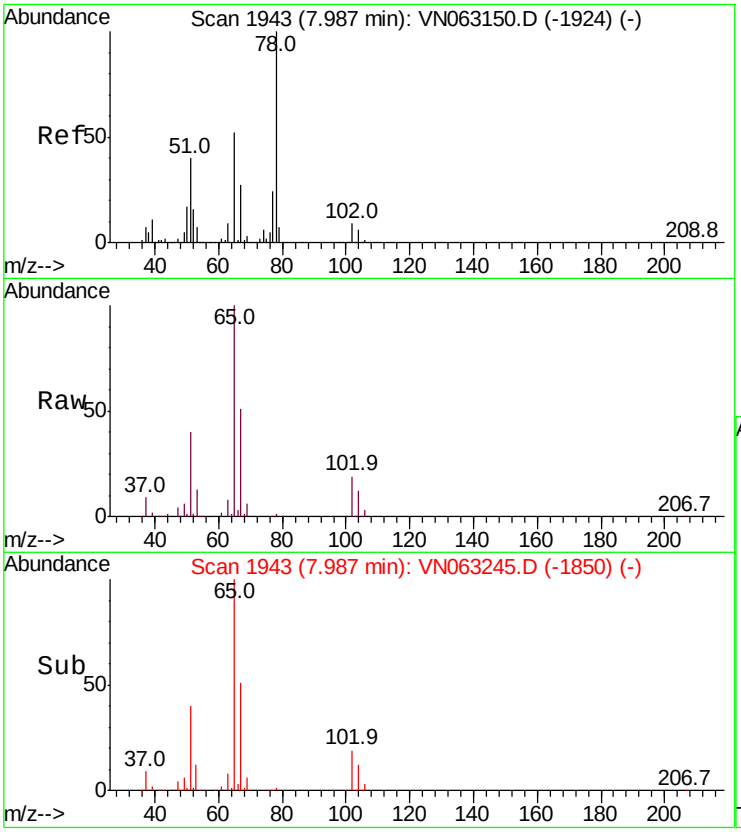


#32
1,1,1-Trichloroethane
Concen: 7.462 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 97 Resp: 43211

Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.8	76.2
61	44.8	37.4	56.2



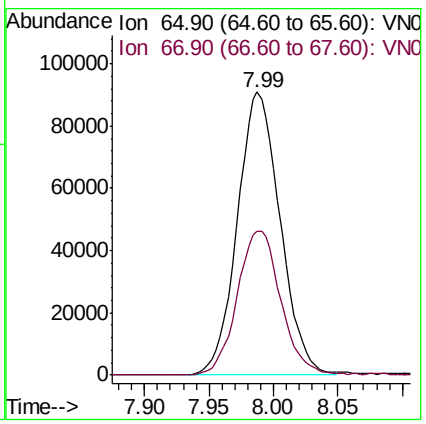


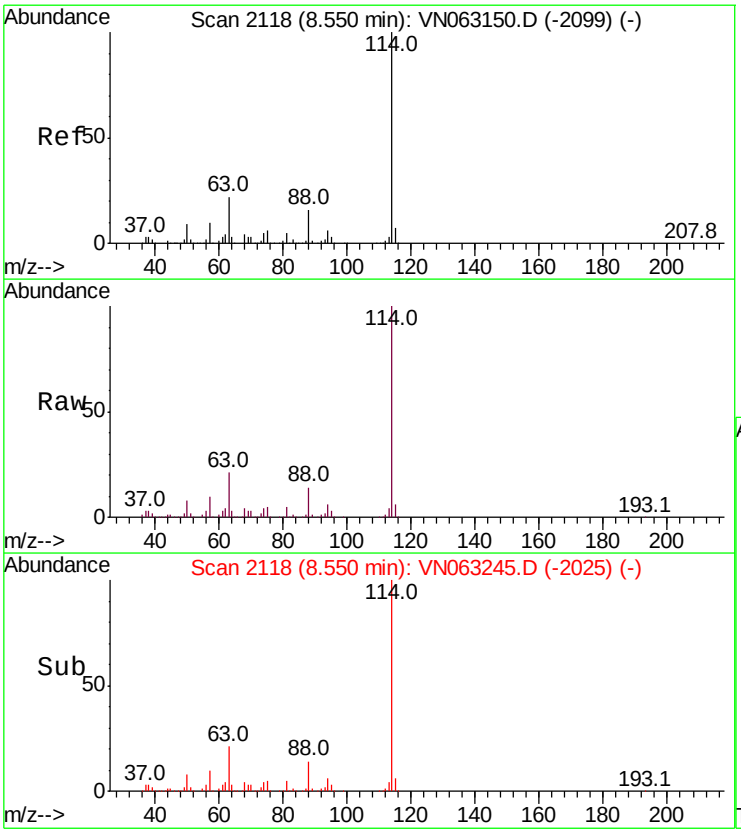
#33
1,2-Dichloroethane-d4
Concen: 48.205 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion: 65 Resp: 210263

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.4

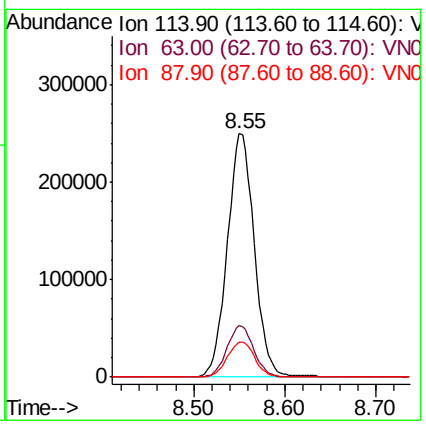


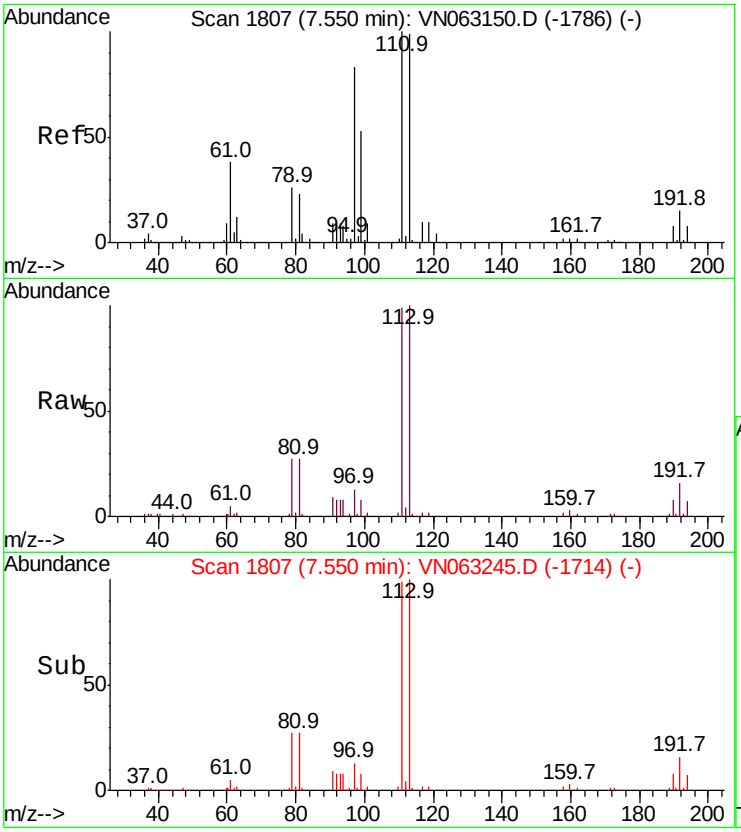


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:114 Resp: 514585

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.0
88	14.3	0.0	31.6



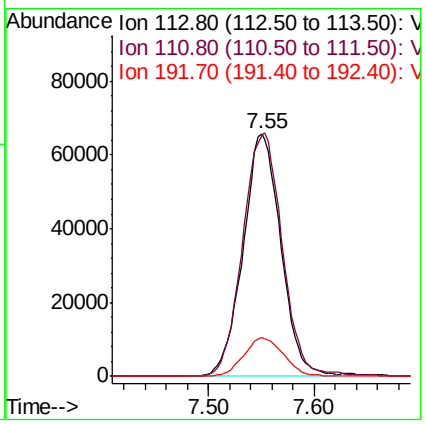


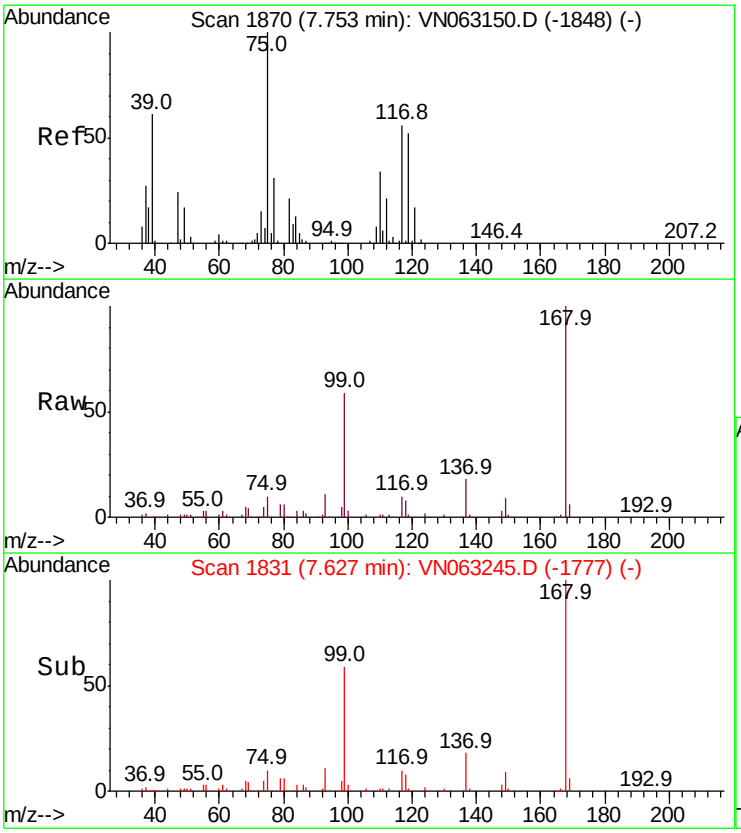
#35
Dibromofluoromethane
Concen: 49.600 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion:113 Resp: 163746

Ion	Ratio	Lower	Upper
113	100		
111	104.4	80.7	121.1
192	16.7	12.6	19.0

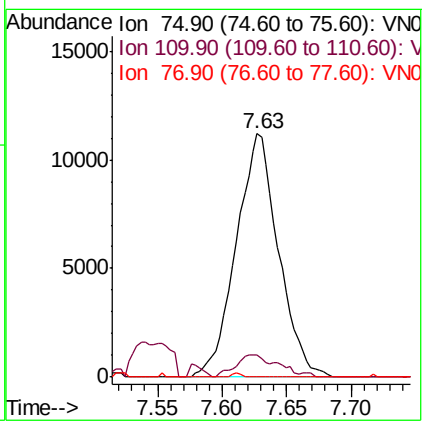


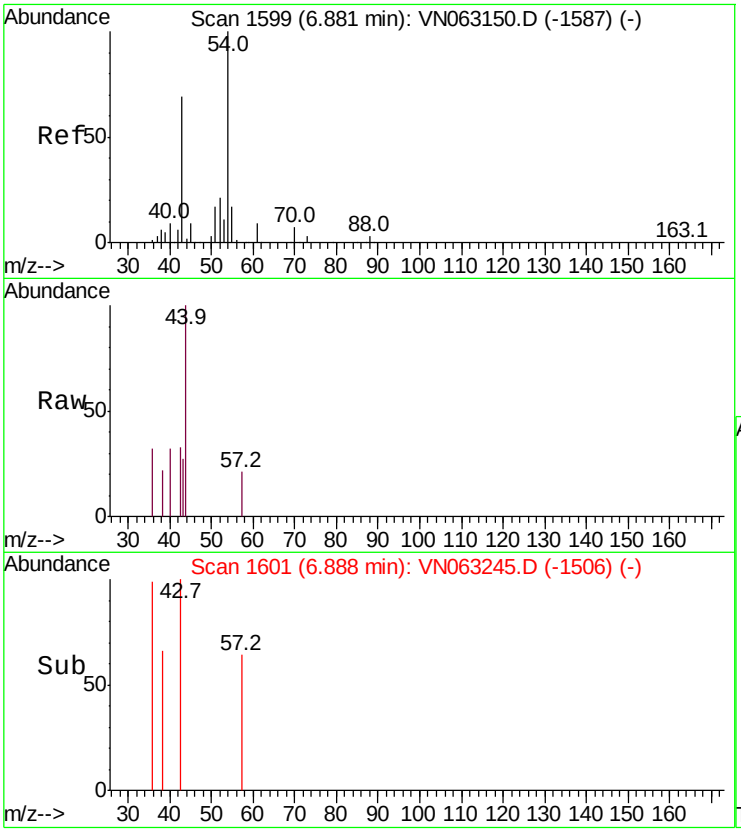


#36
1,1-Dichloropropene
Concen: 5.156 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 75 Resp: 25508

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.6	49.8#
77	0.4	25.4	38.2#



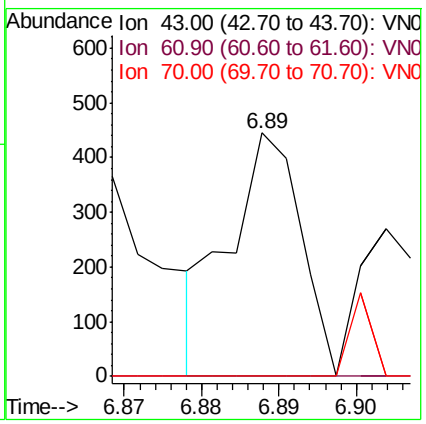


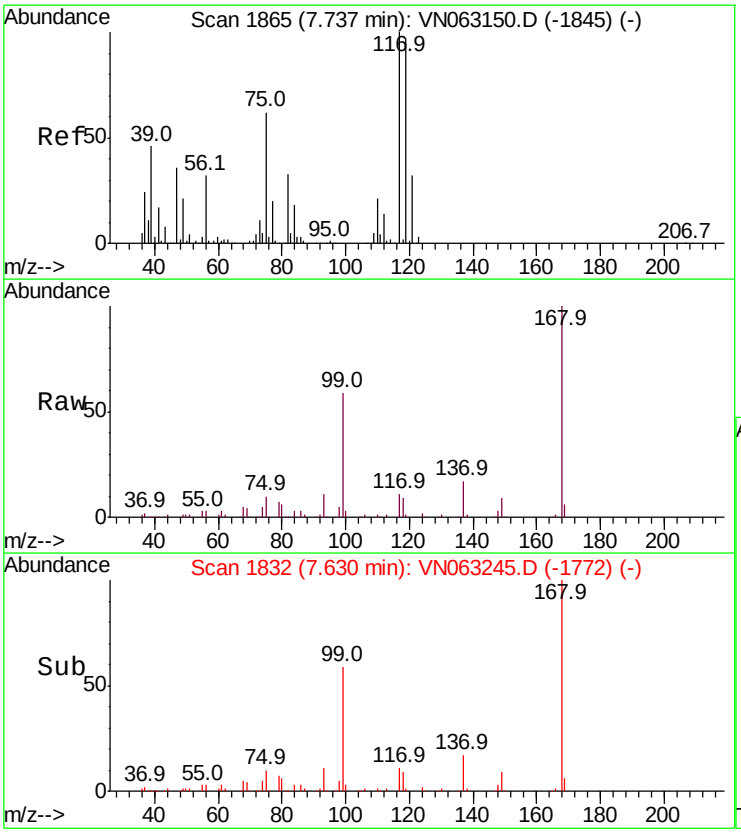
#37
Ethyl Acetate
Concen: 0.441 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument : MSVOA_N
ClientSampleId : SA-MW132I-20200901

Tgt Ion: 43 Resp: 286

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

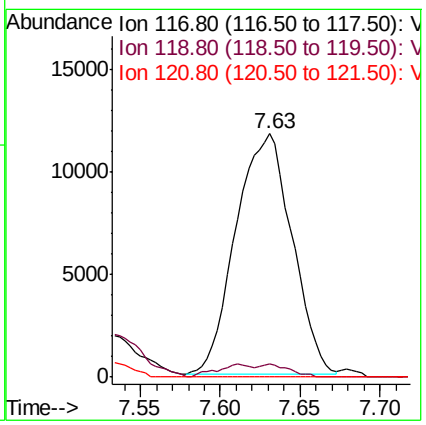


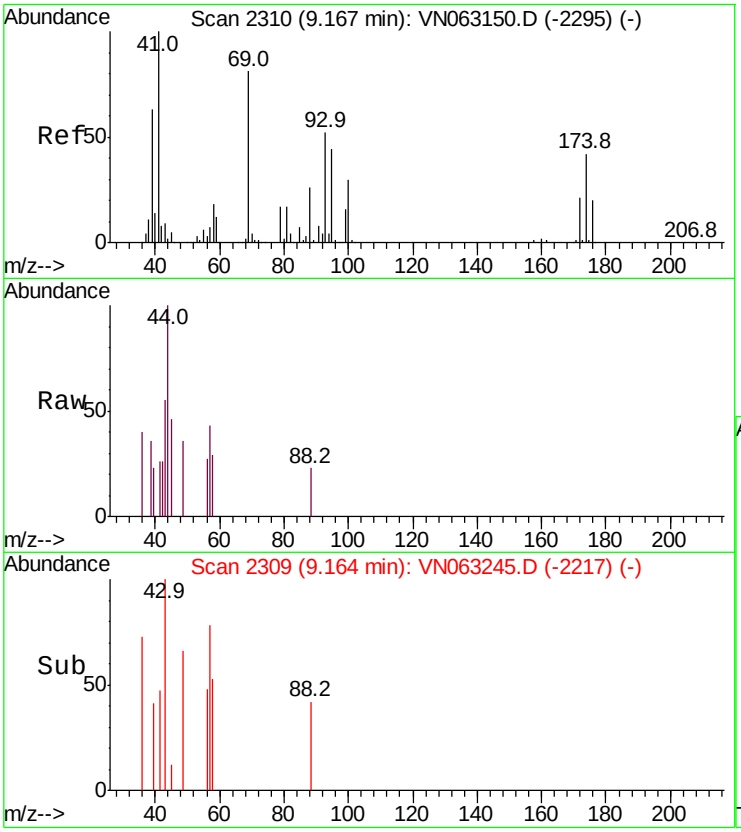


#38
Carbon Tetrachloride
Concen: 5.616 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:117 Resp: 28176

Ion	Ratio	Lower	Upper
117	100		
119	5.7	77.2	115.8#
121	0.0	25.6	38.4#



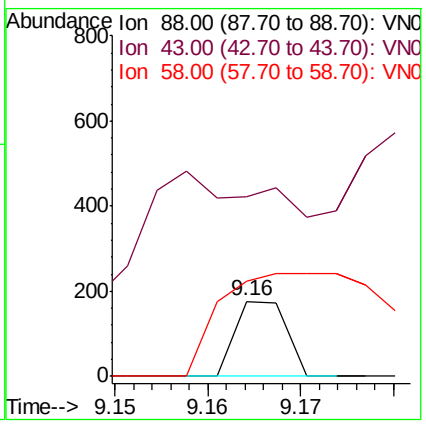


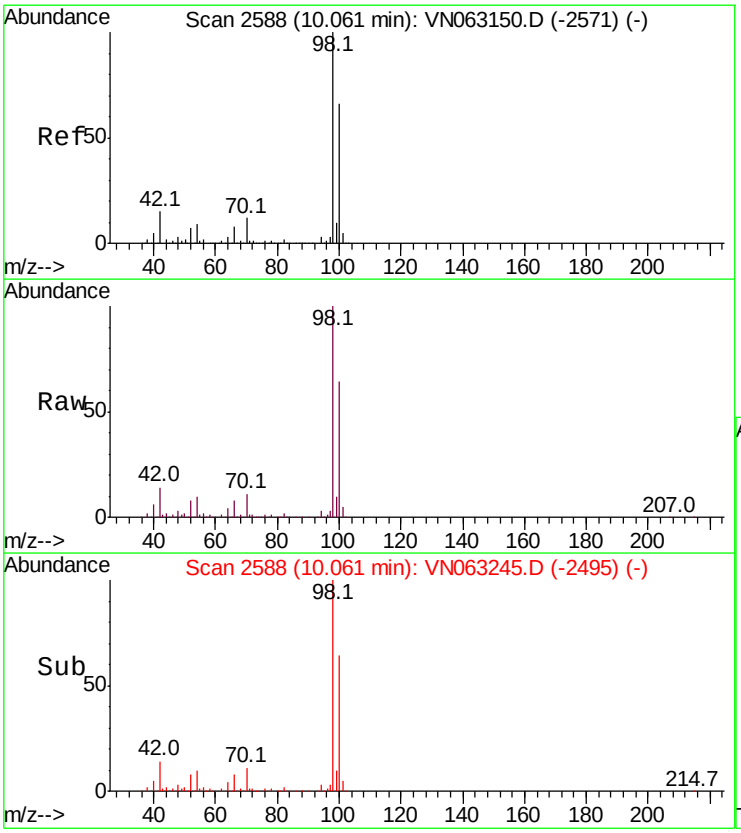
#49
1,4-Dioxane
Concen: 1.191 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	467.2	28.6	42.8#
58	429.9	53.2	79.8#

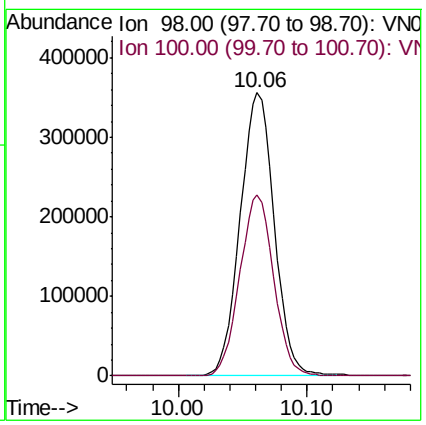


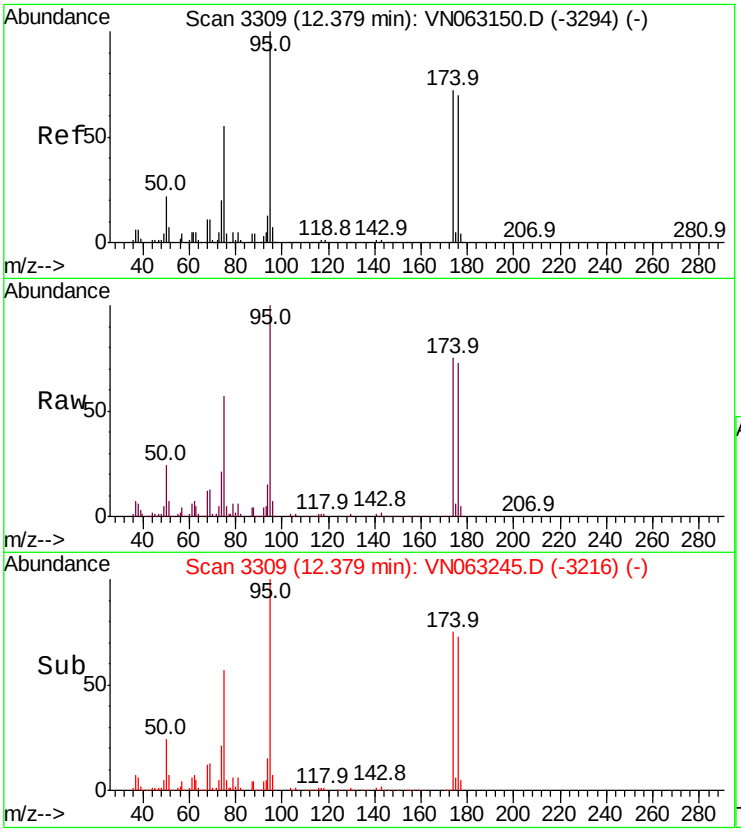


#50
Toluene-d8
Concen: 51.592 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 98 Resp: 655571

Ion	Ratio	Lower	Upper
98	100		
100	63.5	52.0	78.0



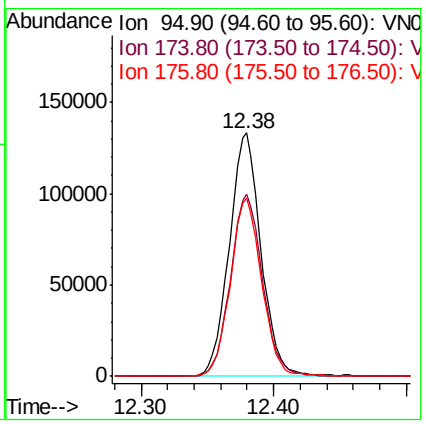


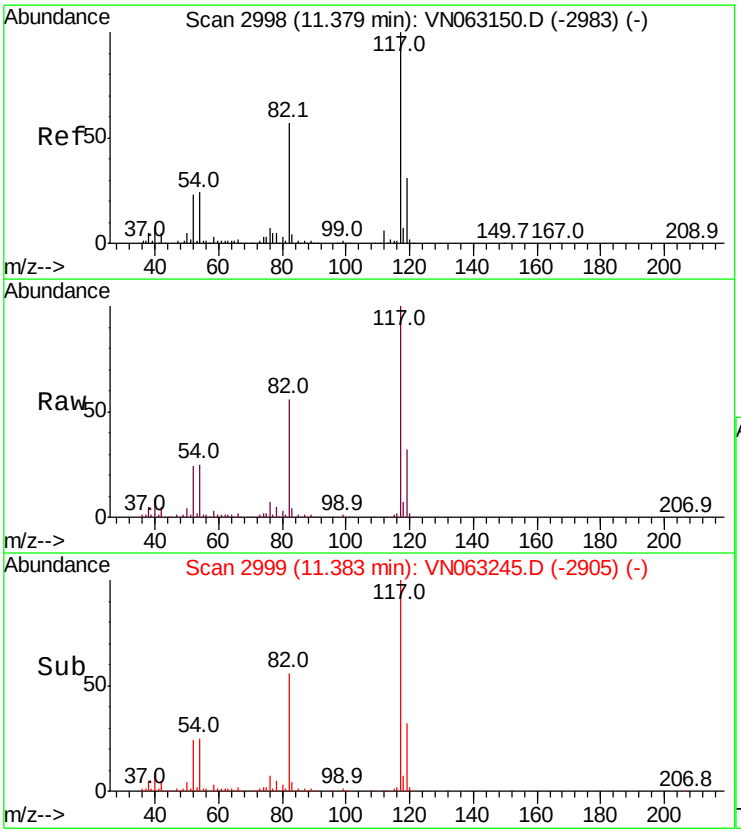
#62
4-Bromofluorobenzene
Concen: 49.726 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion: 95 Resp: 221030

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	143.8
176	72.5	0.0	138.4

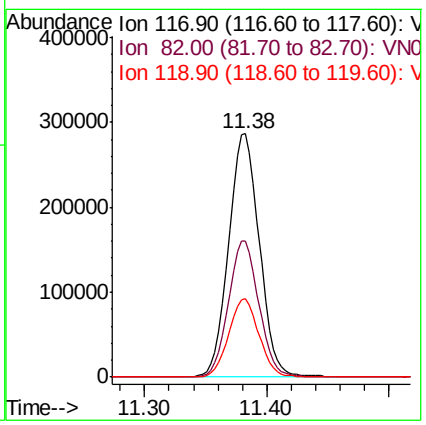


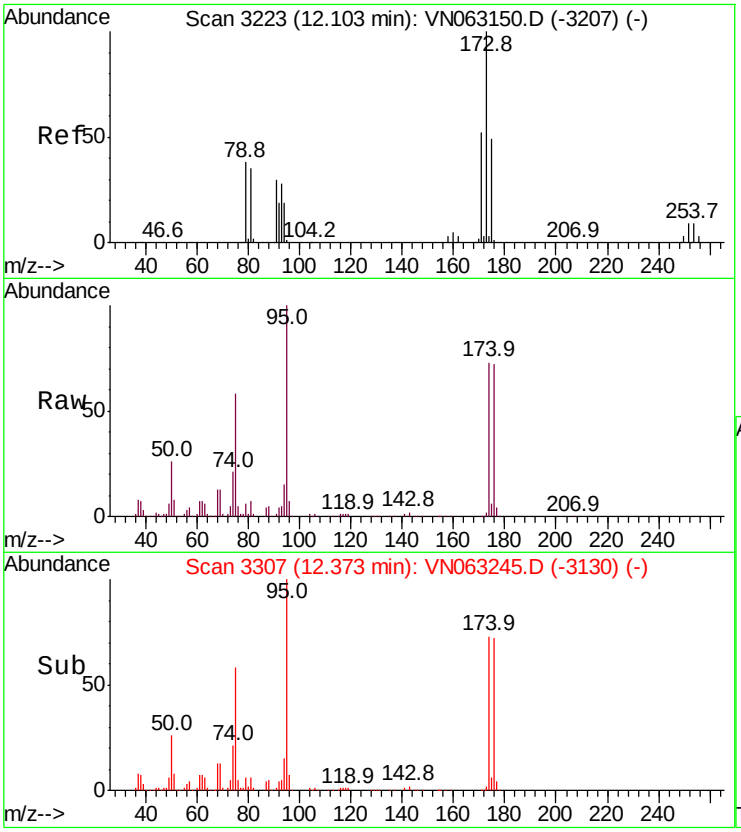


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:117 Resp: 502402

Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.4	68.0
119	32.2	24.6	37.0



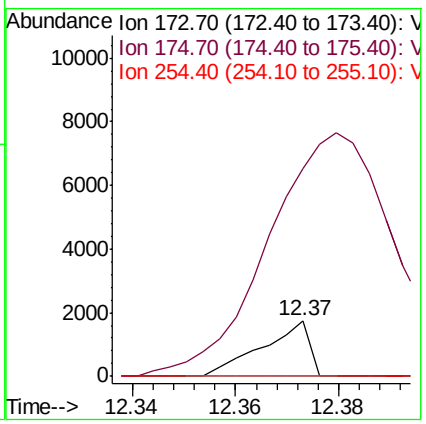


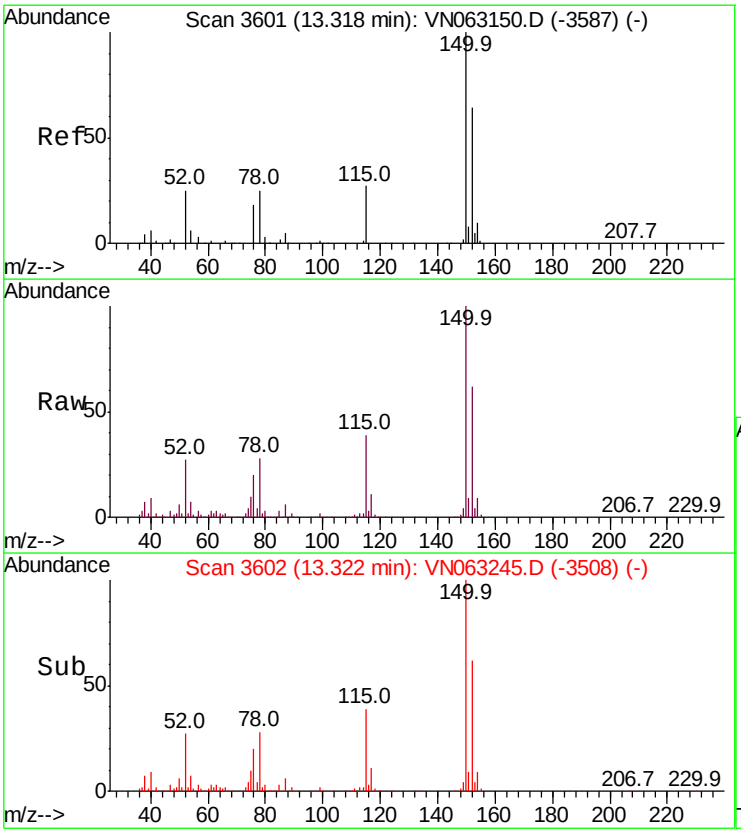
#71
Bromoform
Concen: 0.433 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion:173 Resp: 1104

Ion	Ratio	Lower	Upper
173	100		
175	1013.2	24.6	73.8#
254	0.0	0.0	0.0

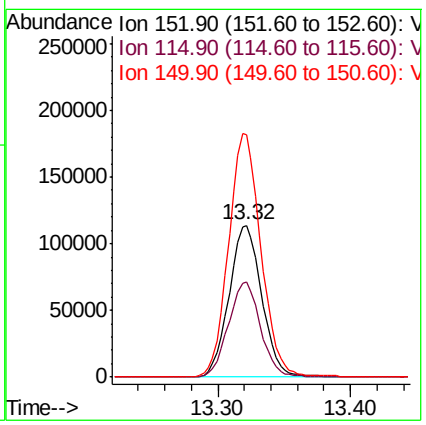


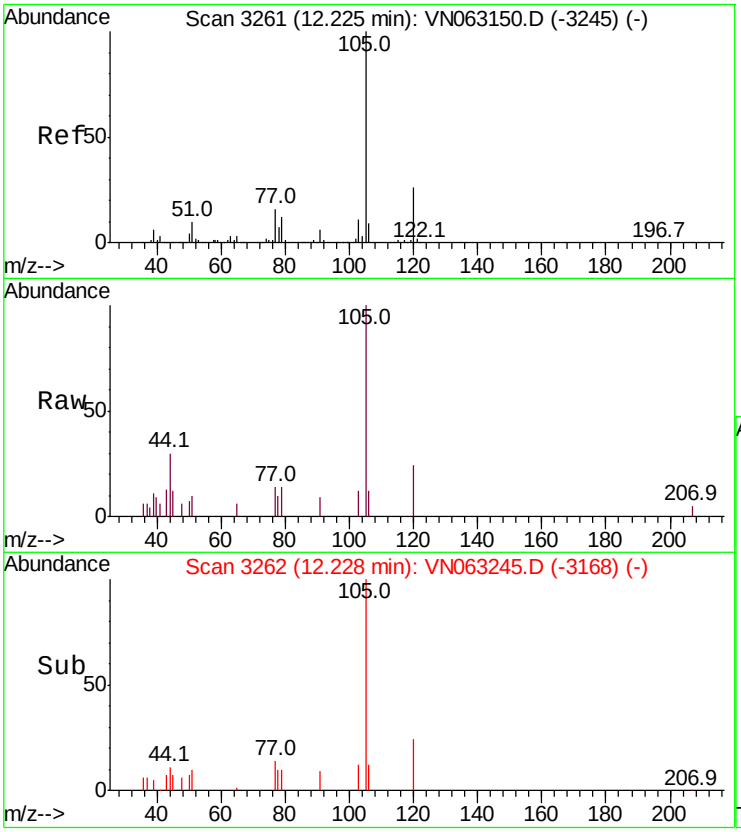


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:152 Resp: 194600

Ion	Ratio	Lower	Upper
152	100		
115	61.5	32.0	96.2
150	158.9	0.0	353.0



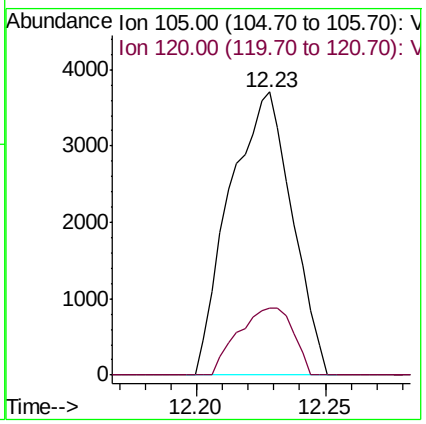


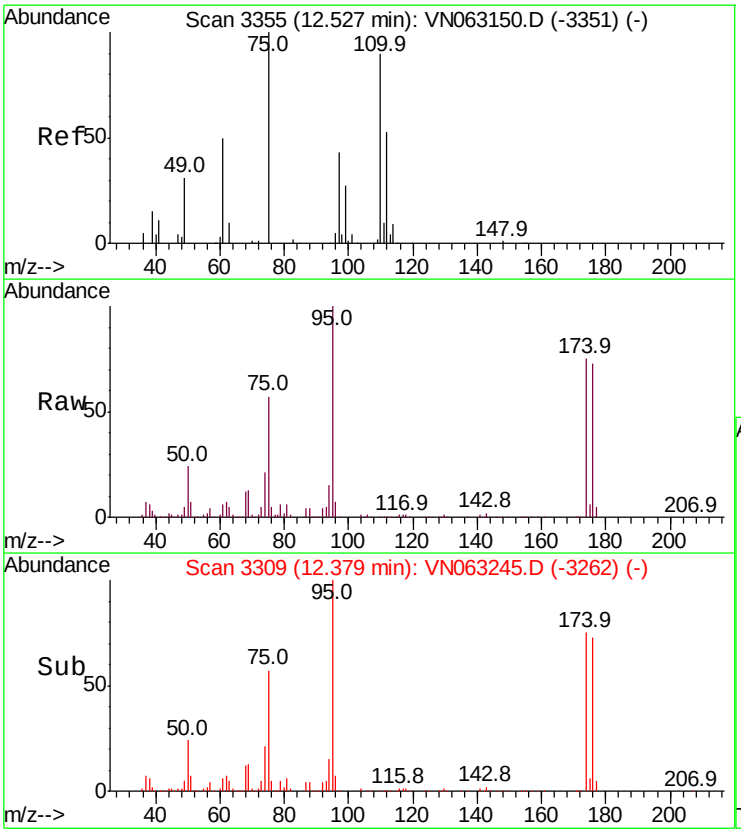
#73
Isopropylbenzene
Concen: 0.419 ug/l
RT: 12.23 min Scan# 3262
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion:105 Resp: 6254

Ion	Ratio	Lower	Upper
105	100		
120	21.0	12.9	38.6

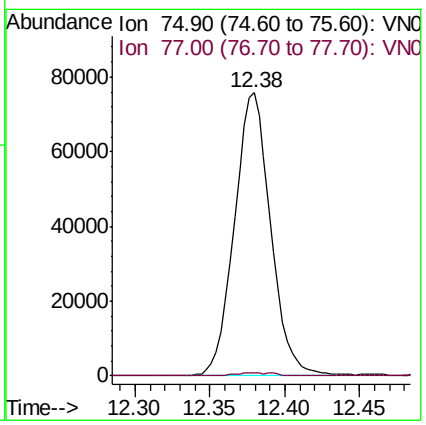


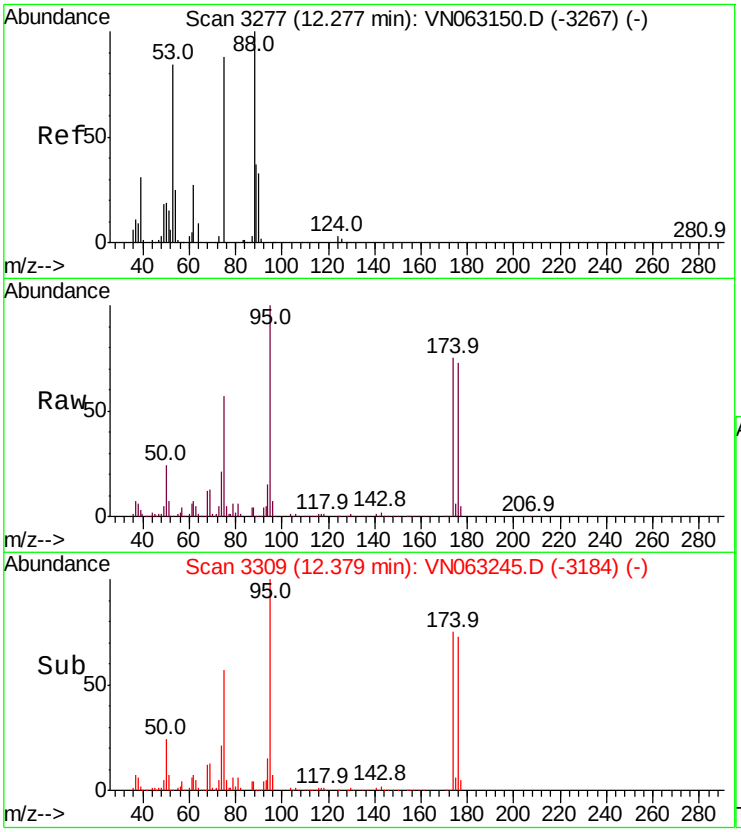


#76
1,2,3-Trichloropropane
Concen: 33.385 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. -0.15 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion: 75 Resp: 127647

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#



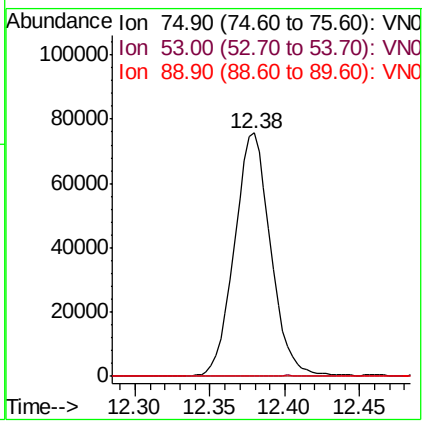


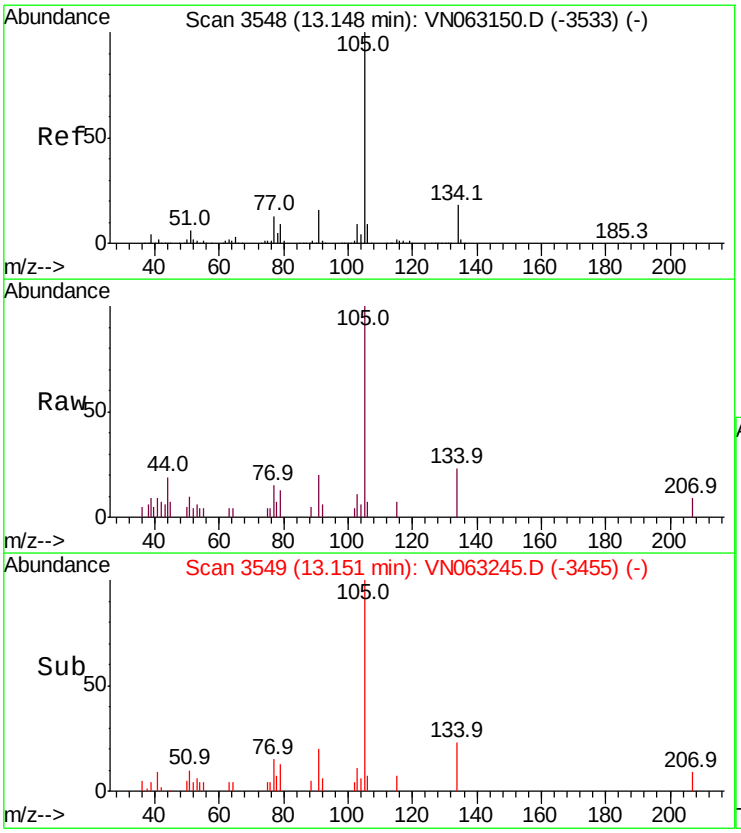
#81
trans-1,4-Dichloro-2-butene
Concen: 80.691 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.10 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion: 75 Resp: 127647

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

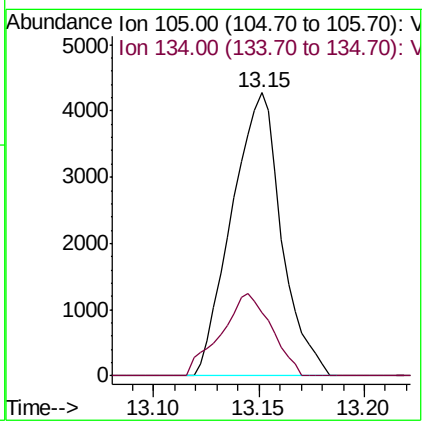


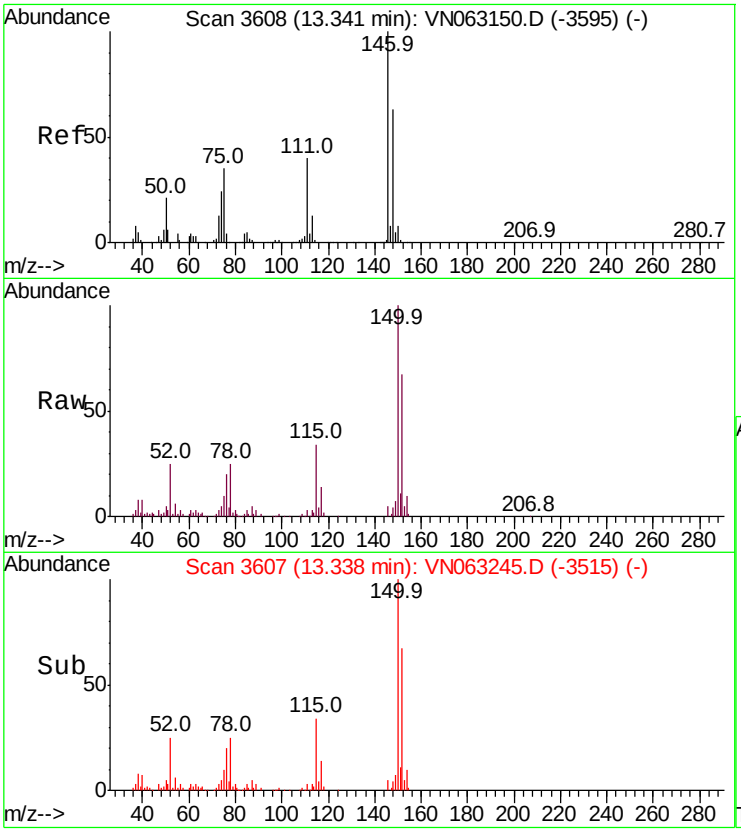


#85
sec-Butylbenzene
Concen: 0.505 ug/l
RT: 13.15 min Scan# 3549
Delta R.T. 0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:105 Resp: 7017

Ion	Ratio	Lower	Upper
105	100		
134	29.6	9.4	28.3#



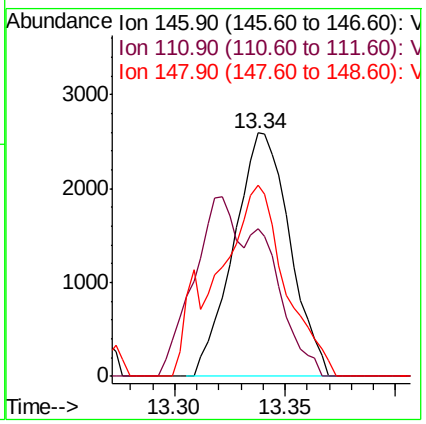


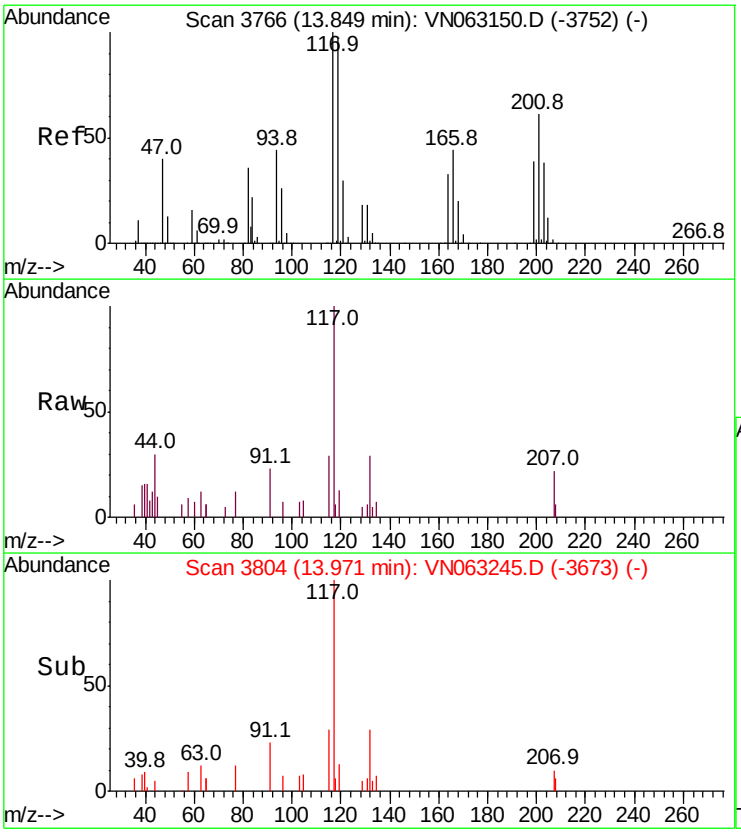
#88
1,4-Dichlorobenzene
Concen: 0.710 ug/l
RT: 13.34 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion:146 Resp: 4556

Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.5	61.5#
148	80.1	31.9	95.7

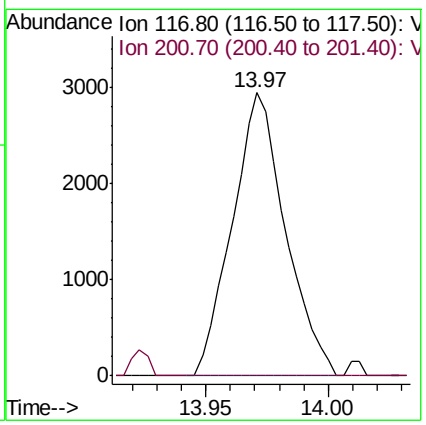


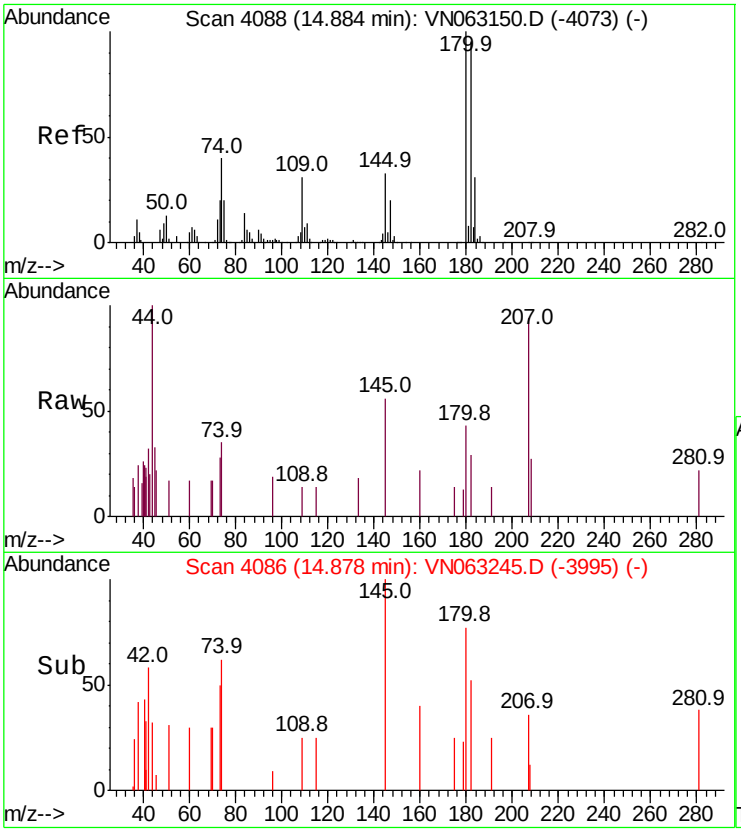


#90
Hexachloroethane
Concen: 1.951 ug/l
RT: 13.97 min Scan# 3804
Delta R.T. 0.12 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:117 Resp: 4453

Ion	Ratio	Lower	Upper
117	100		
201	0.0	30.6	92.0#



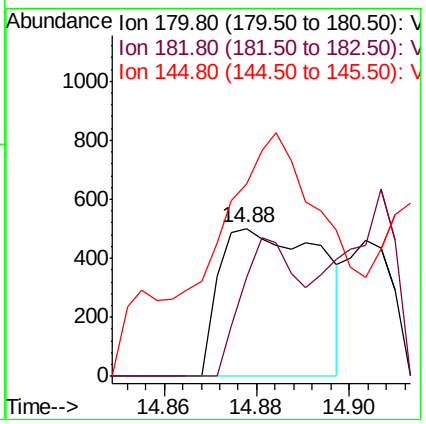


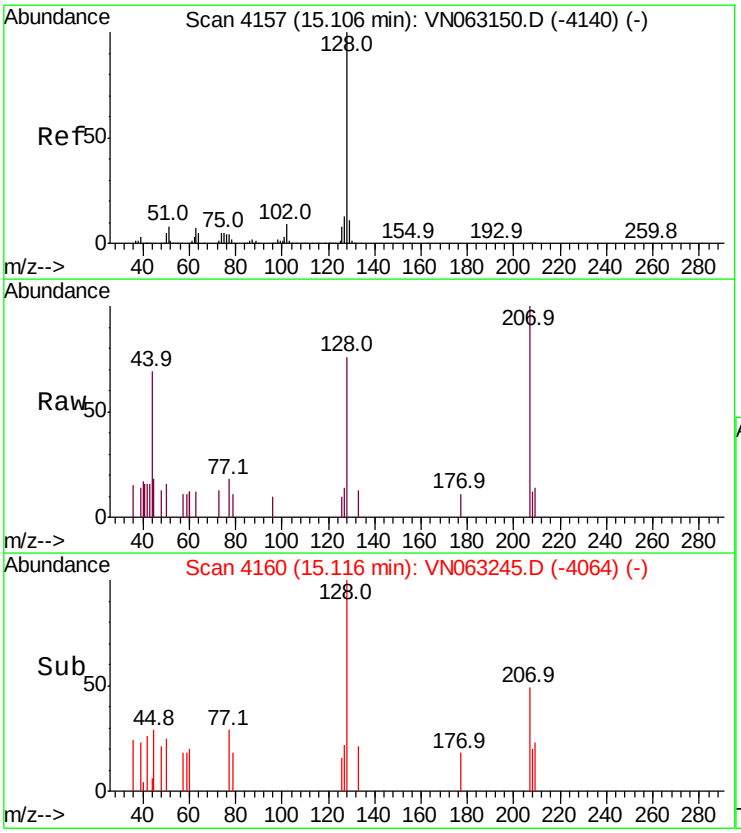
#93
1,2,4-Trichlorobenzene
Concen: 0.226 ug/l
RT: 14.88 min Scan# 4086
Delta R.T. -0.01 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Instrument :
MSVOA_N
ClientSampleId :
SA-MW132I-20200901

Tgt Ion:180 Resp: 761

Ion	Ratio	Lower	Upper
180	100		
182	52.8	47.5	142.5
145	207.8	16.6	49.8#





#95
Naphthalene
Concen: 0.220 ug/l
RT: 15.12 min Scan# 4160
Delta R.T. 0.01 min
Lab File: VN063245.D
Acq: 4 Sep 2020 14:13

Tgt Ion:128 Resp: 2467

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	2.6	8.6	13.0#