Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091820\
Data File : VN063455.D
Acq On : 18 Sep 2020 14:14
Operator : JC/MD
Sample : PB131701TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB131701TB

Quant Time: Sep 21 01:34:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	247921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	464419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	469940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	200668	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.10%			
35) Dibromofluoromethane	7.55	113	147304	45.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.64%			
50) Toluene-d8	10.06	98	602492	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.68%			
62) 4-Bromofluorobenzene	12.38	95	239283	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.98%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.73	59	559	0.956	ug/l #	72
13) Acrolein	3.56	56	65	0.300	ug/l #	56
16) Acetone	3.78	43	30753	22.674	ug/l	99
18) Methyl Acetate	4.29	43	4979	1.446	ug/l #	56
20) Methylene Chloride	4.51	84	11880	3.457	ug/l	86
25) 2-Butanone	6.80	43	5481	2.628	ug/l	100
29) Tetrahydrofuran	7.18	42	530	0.372	ug/l #	66
31) Cyclohexane	7.63	56	7832	1.344	ug/l #	24
36) 1,1-Dichloropropene	7.63	75	23885	4.827	ug/l #	50
38) Carbon Tetrachloride	7.63	117	28411	5.625	ug/l #	19
43) Isopropyl Acetate	8.13	43	100742	11.602	ug/l	100
48) Methyl methacrylate	9.15	41	5309	1.244	ug/l #	15
49) 1,4-Dioxane	9.23	88	181	2.957	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	11933	2.455	ug/l	95
54) cis-1,3-Dichloropropene	9.87	75	40135	6.489	ug/l #	69
57) 1,3-Dichloropropane	10.73	76	6725	1.106	ug/l #	42
59) 2-Hexanone	10.74	43	108785	30.890	ug/l #	54
71) Bromoform	12.37	173	960	0.352	ug/l #	1
74) N-amyl acetate	12.00	43	2817	0.375	ug/l #	51
76) 1,2,3-Trichloropropane	12.38	75	134892	27.514	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	4425	0.334	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	134892	75.433	ug/l #	7

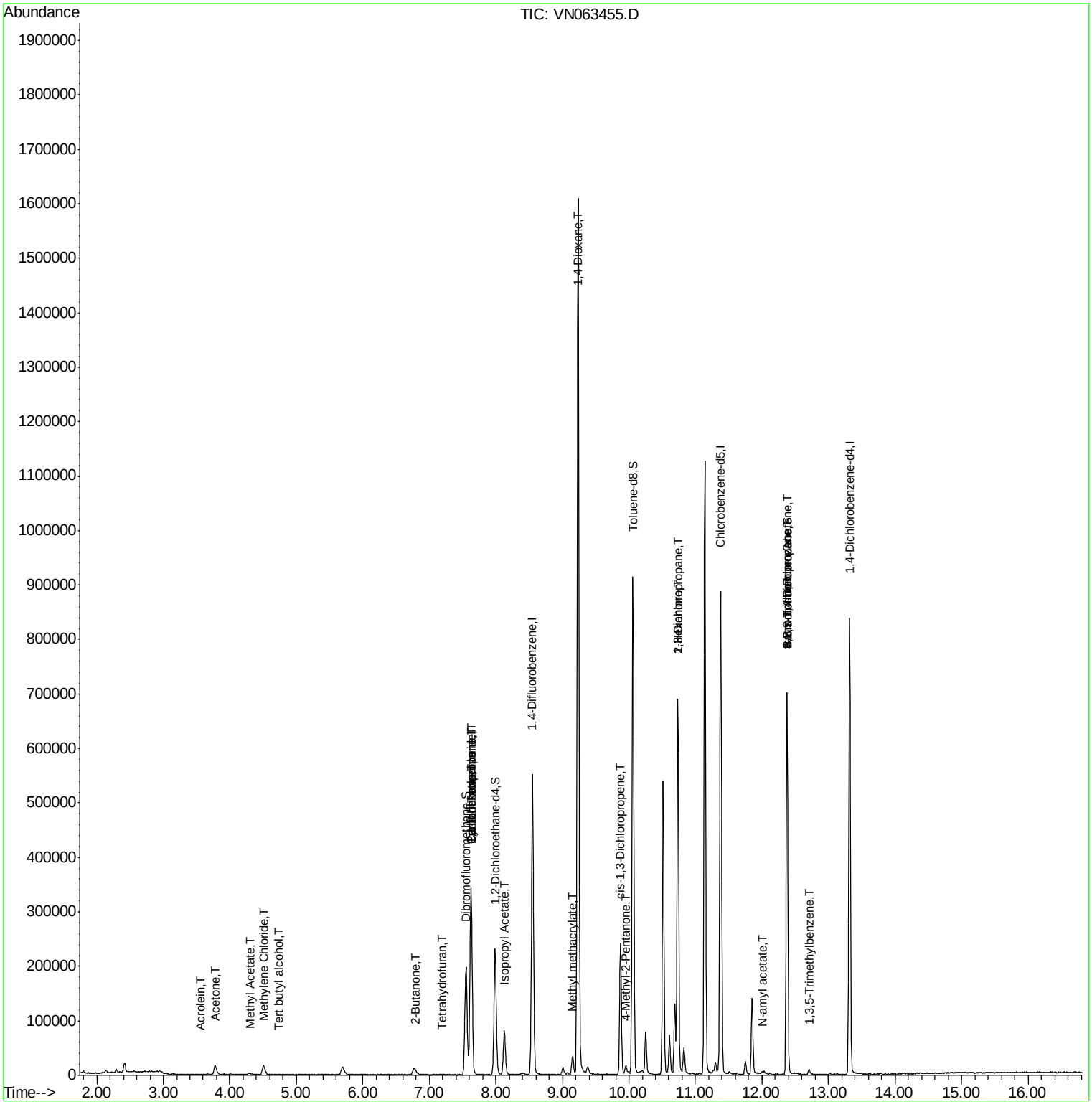
(#) = qualifier out of range (m) = manual integration (+) = signals summed

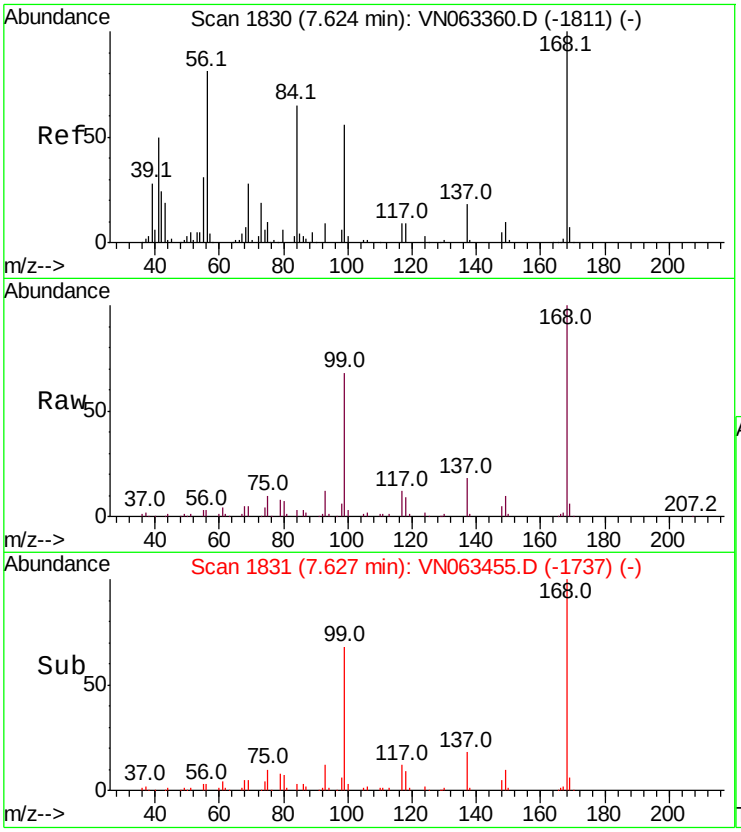
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091820\
Data File : VN063455.D
Acq On : 18 Sep 2020 14:14
Operator : JC/MD
Sample : PB131701TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB131701TB

Quant Time: Sep 21 01:34:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration



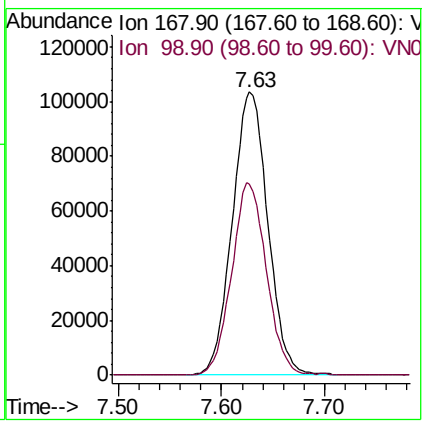


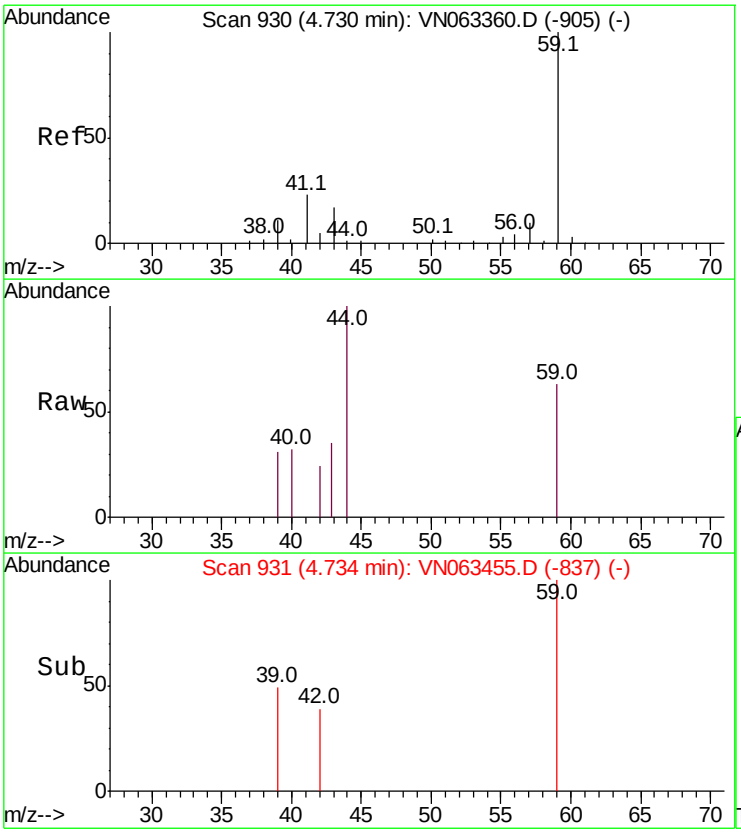
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB131701TB

Tgt Ion:168 Resp: 247921

Ion	Ratio	Lower	Upper
168	100		
99	67.7	53.0	79.6

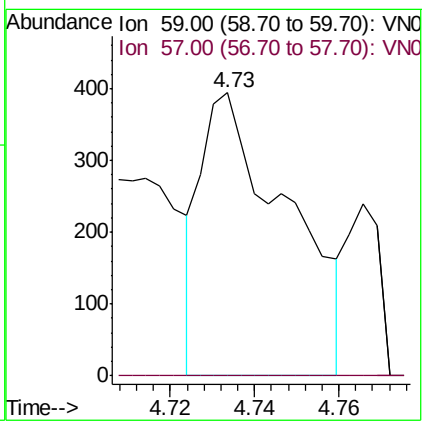


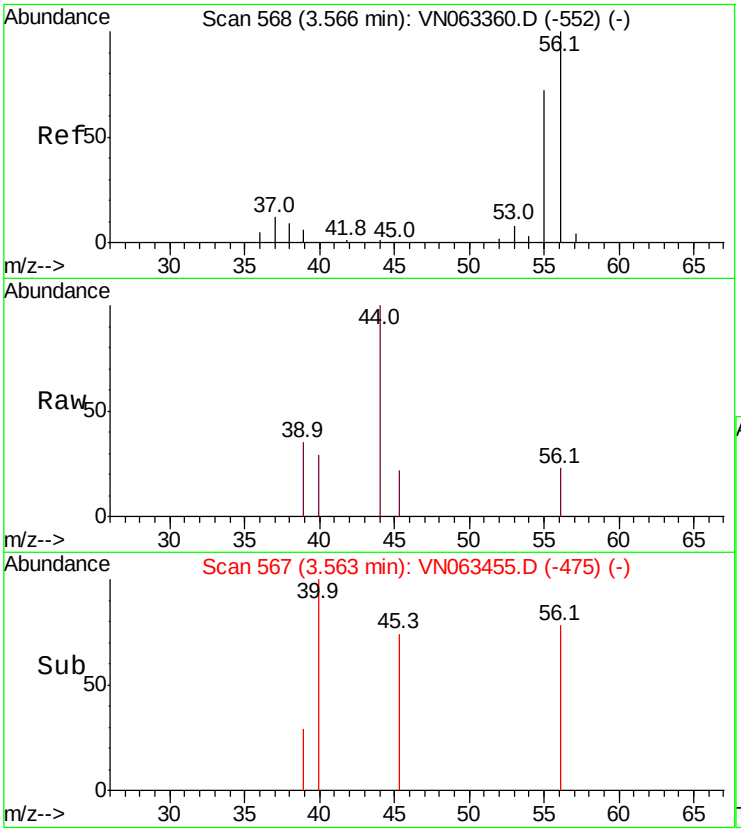


#11
Tert butyl alcohol
Concen: 0.956 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion: 59 Resp: 559

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



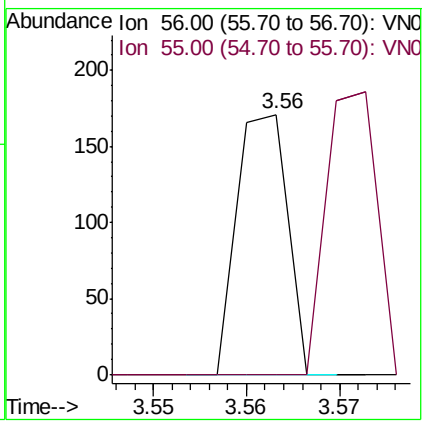


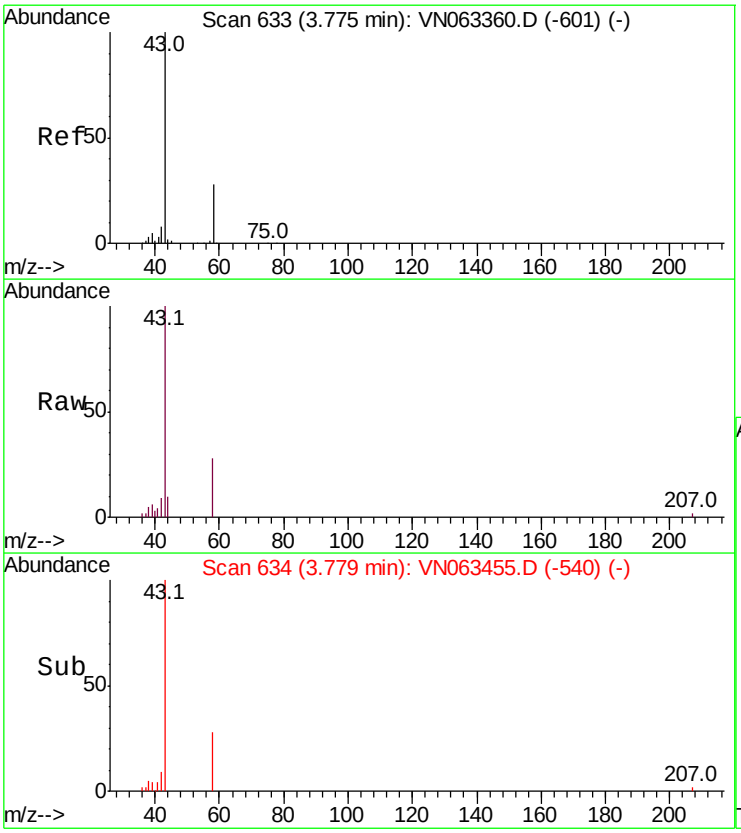
#13
Acrolein
Concen: 0.300 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB131701TB

Tgt Ion: 56 Resp: 65

Ion	Ratio	Lower	Upper
56	100		
55	109.2	58.2	87.2#

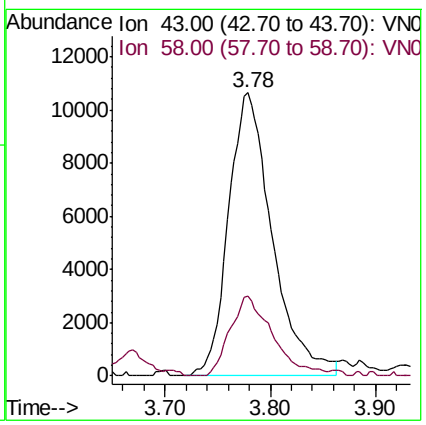


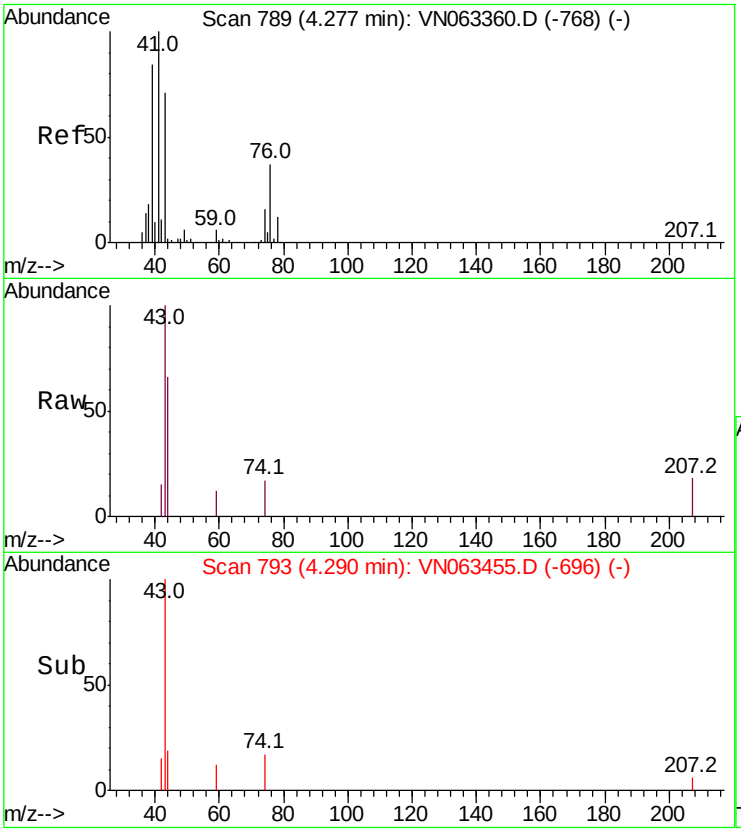


#16
Acetone
Concen: 22.674 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion: 43 Resp: 30753

Ion	Ratio	Lower	Upper
43	100		
58	28.3	22.3	33.5



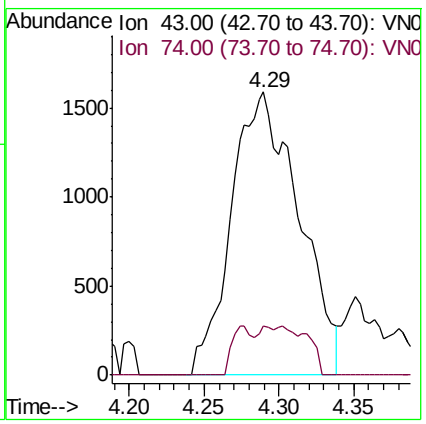


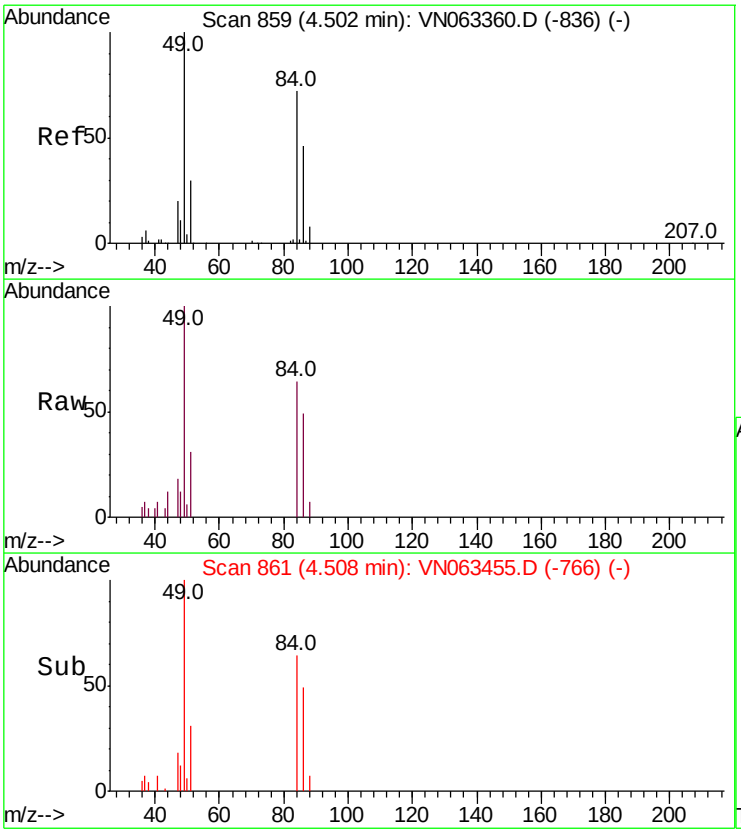
#18
Methyl Acetate
Concen: 1.446 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB131701TB

Tgt Ion: 43 Resp: 4979

Ion	Ratio	Lower	Upper
43	100		
74	1.1	17.4	26.2#

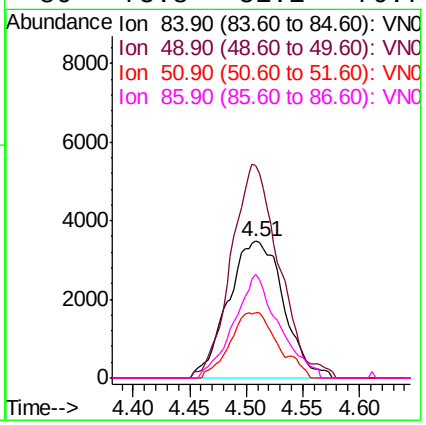


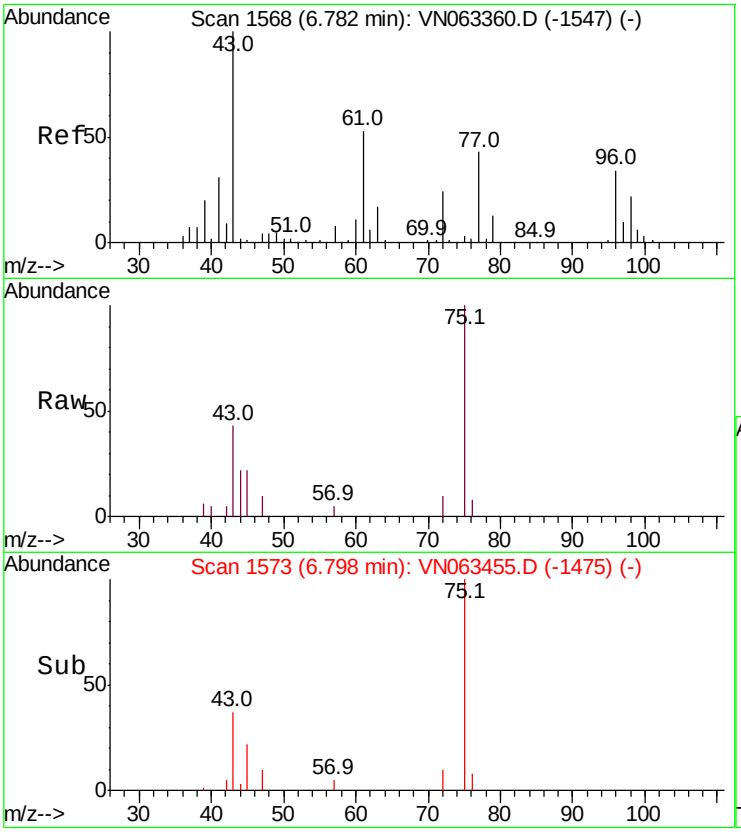


#20
Methylene Chloride
Concen: 3.457 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion: 84 Resp: 11880

Ion	Ratio	Lower	Upper
84	100		
49	155.5	110.7	166.1
51	47.5	32.9	49.3
86	75.8	51.1	76.7



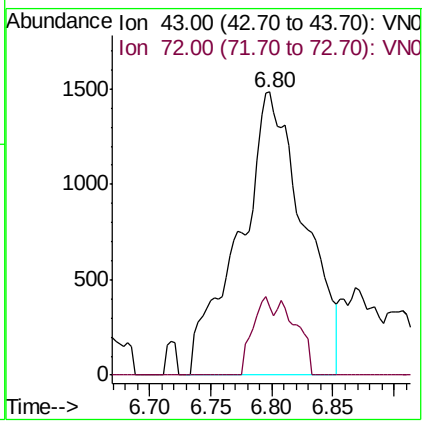


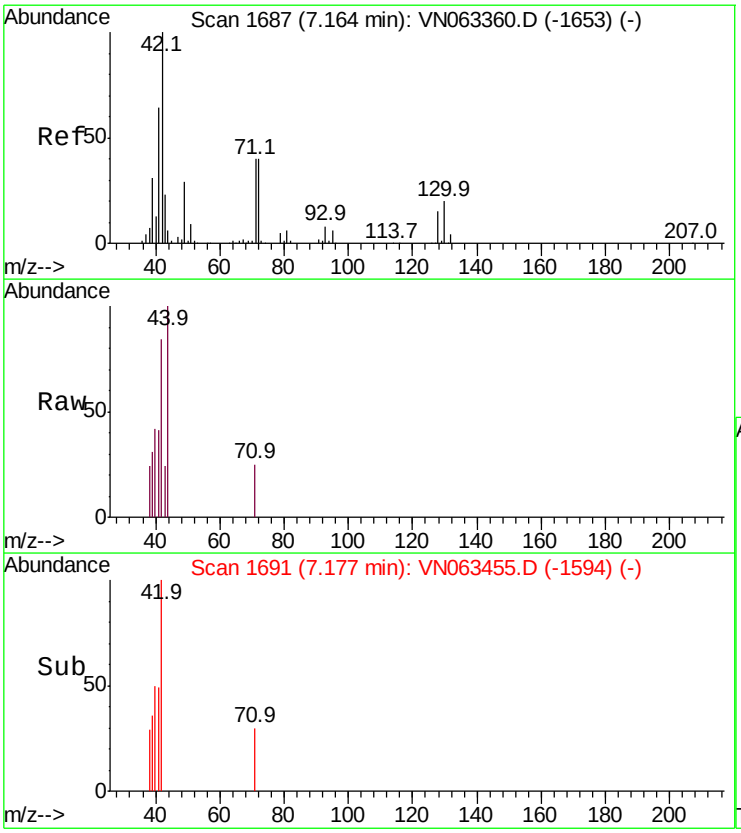
#25
2-Butanone
Concen: 2.628 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument : MSVOA_N
ClientSampleId : PB131701TB

Tgt Ion: 43 Resp: 5481

Ion	Ratio	Lower	Upper
43	100		
72	24.1	19.2	28.8

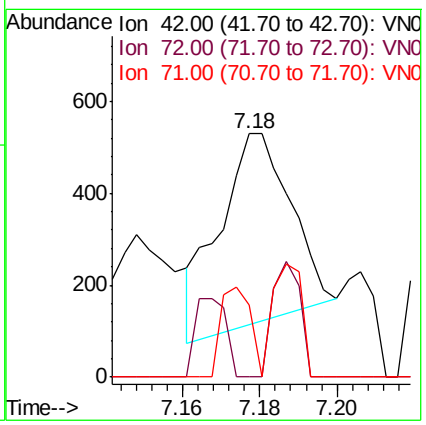


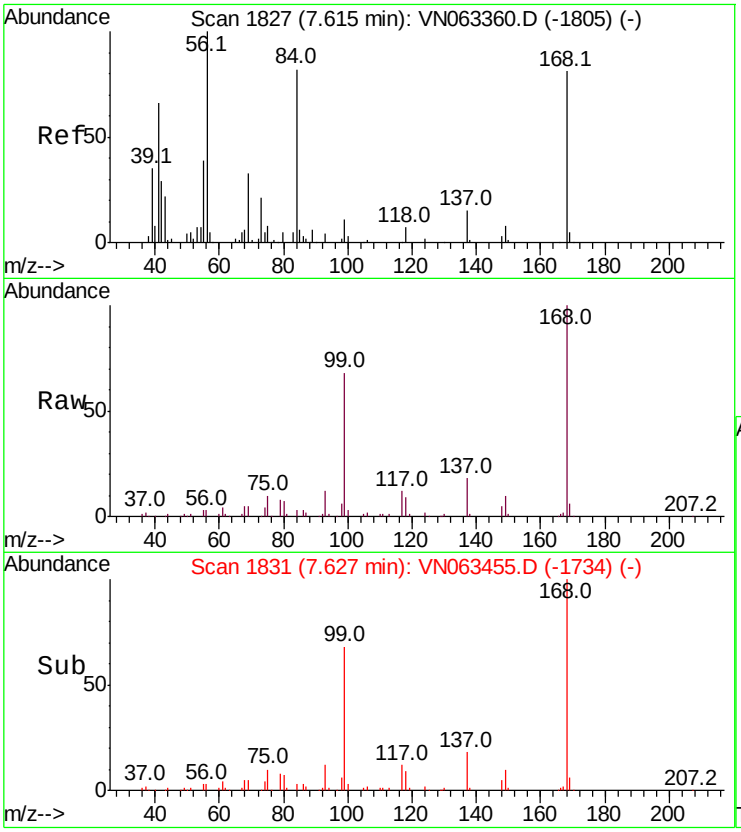


#29
Tetrahydrofuran
Concen: 0.372 ug/l
RT: 7.18 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion: 42 Resp: 530

Ion	Ratio	Lower	Upper
42	100		
72	17.9	32.1	48.1#
71	19.2	31.2	46.8#



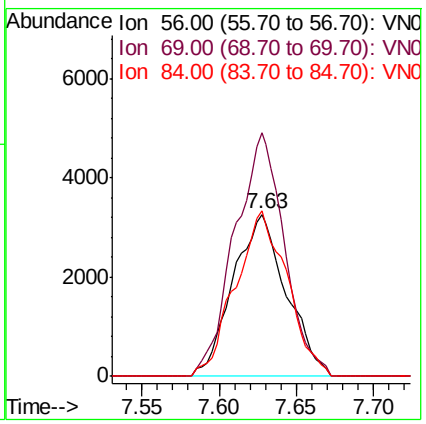


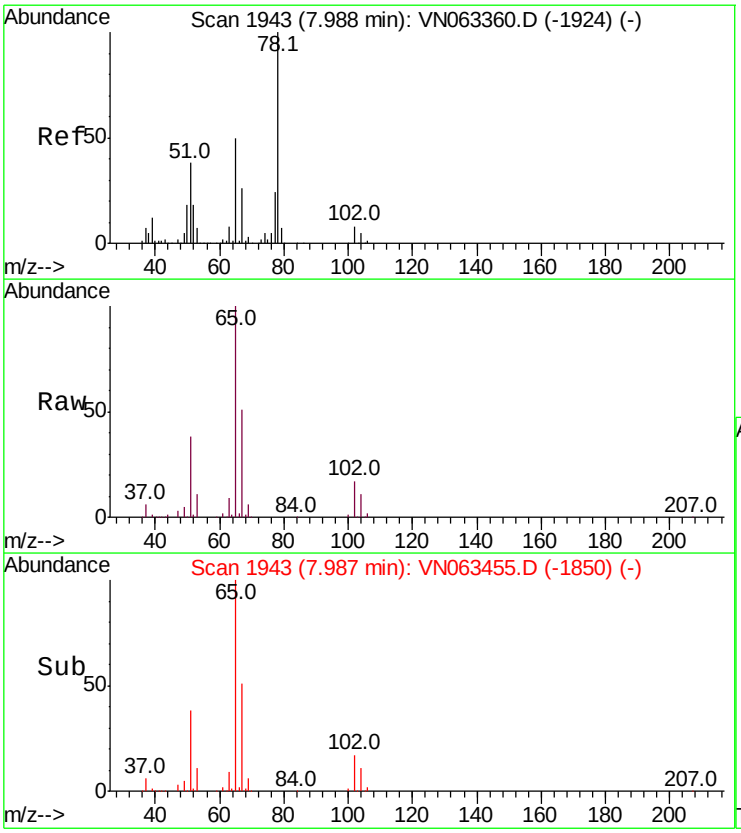
#31
Cyclohexane
Concen: 1.344 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument : MSVOA_N
ClientSampleId : PB131701TB

Tgt Ion: 56 Resp: 7832

Ion	Ratio	Lower	Upper
56	100		
69	150.4	26.1	39.1#
84	102.2	65.4	98.2#

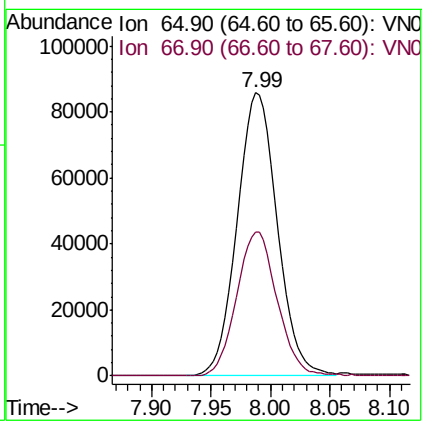


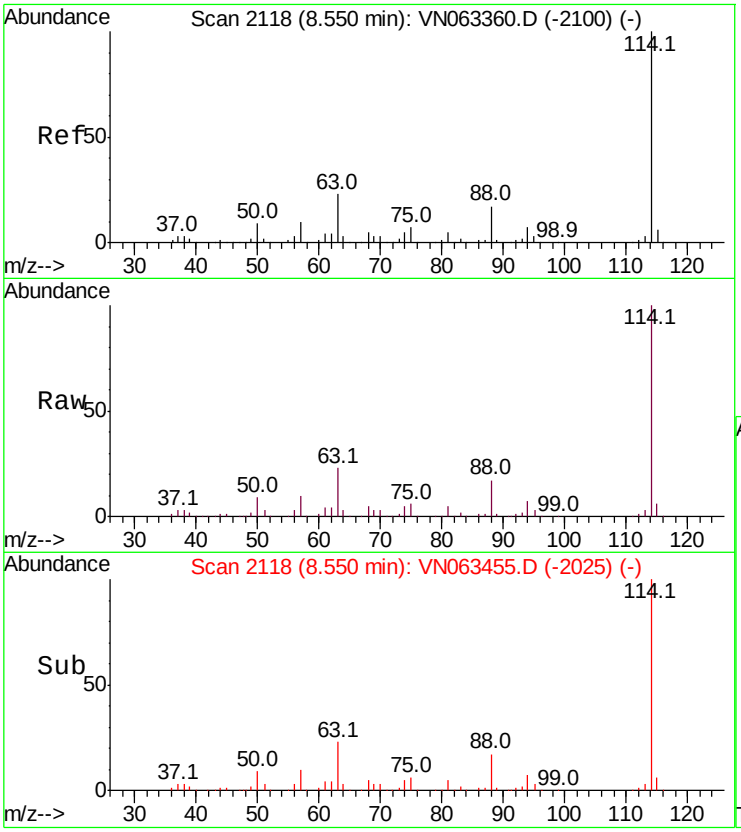


#33
1,2-Dichloroethane-d4
Concen: 47.549 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion: 65 Resp: 200668

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	104.2



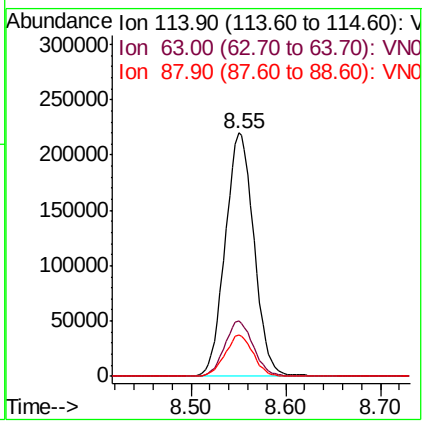


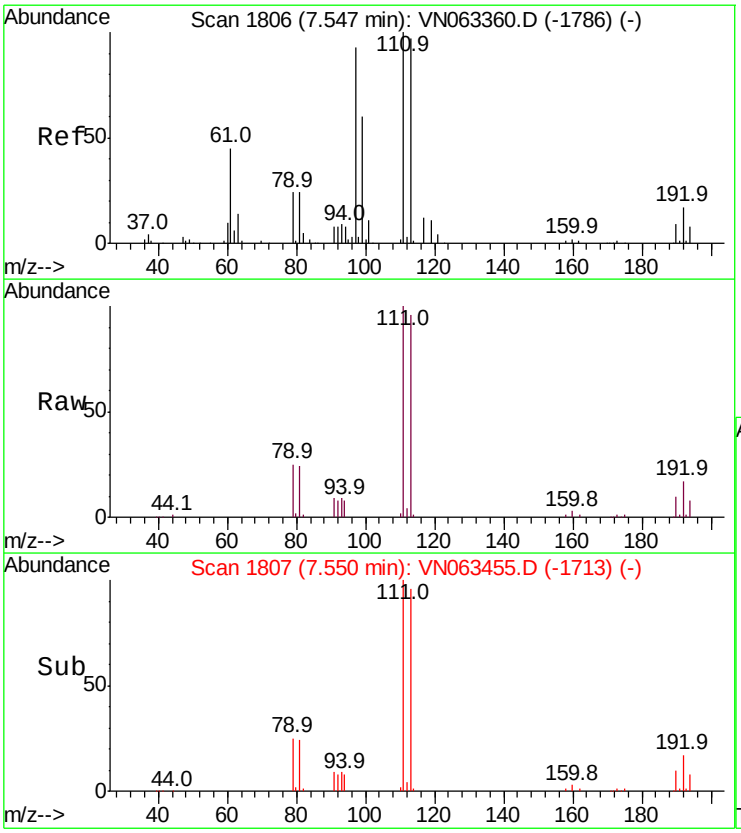
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB131701TB

Tgt Ion:114 Resp: 464419

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	46.4
88	16.9	0.0	33.2

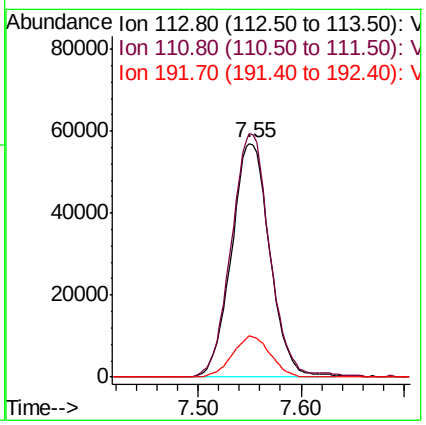


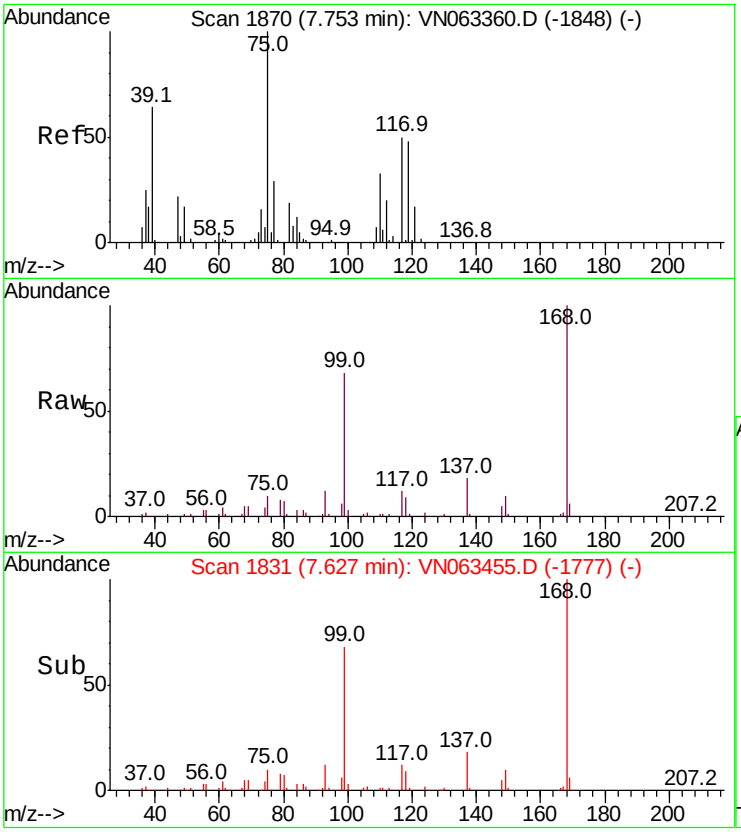


#35
Dibromofluoromethane
Concen: 45.817 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion:113 Resp: 147304

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.9	124.3
192	17.3	13.9	20.9



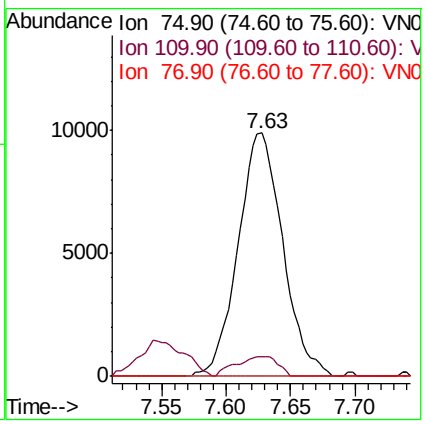


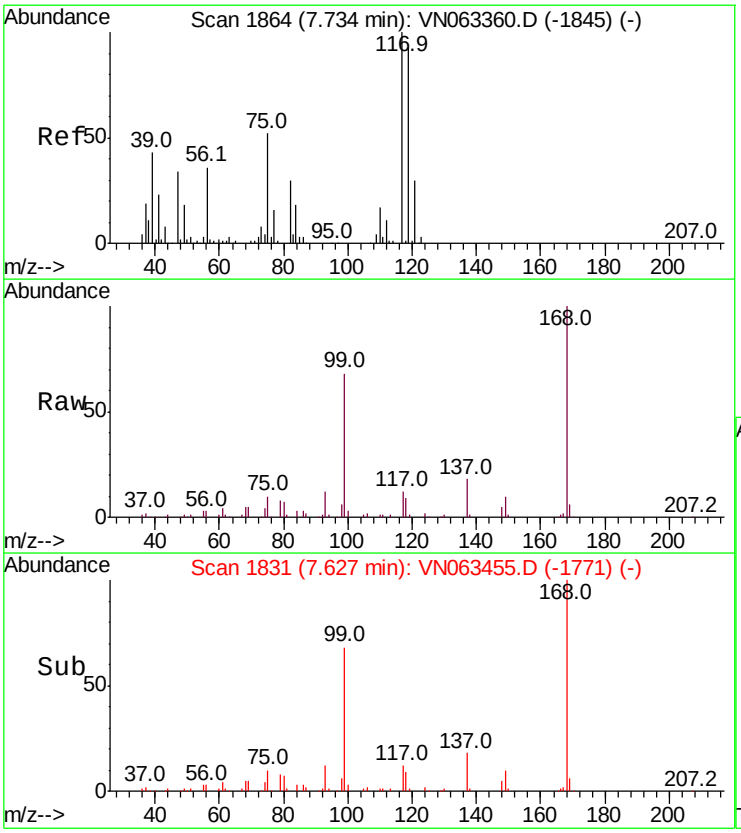
#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB131701TB

Tgt Ion: 75 Resp: 23885

Ion	Ratio	Lower	Upper
75	100		
110	7.6	16.5	49.5#
77	0.0	24.6	36.8#

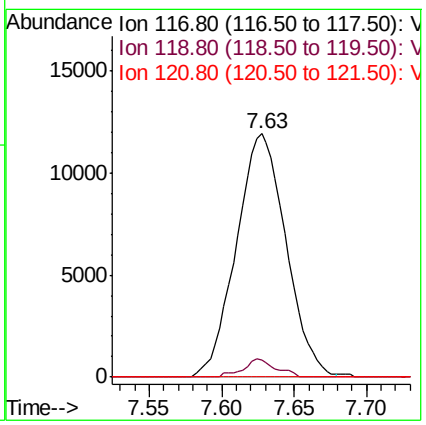


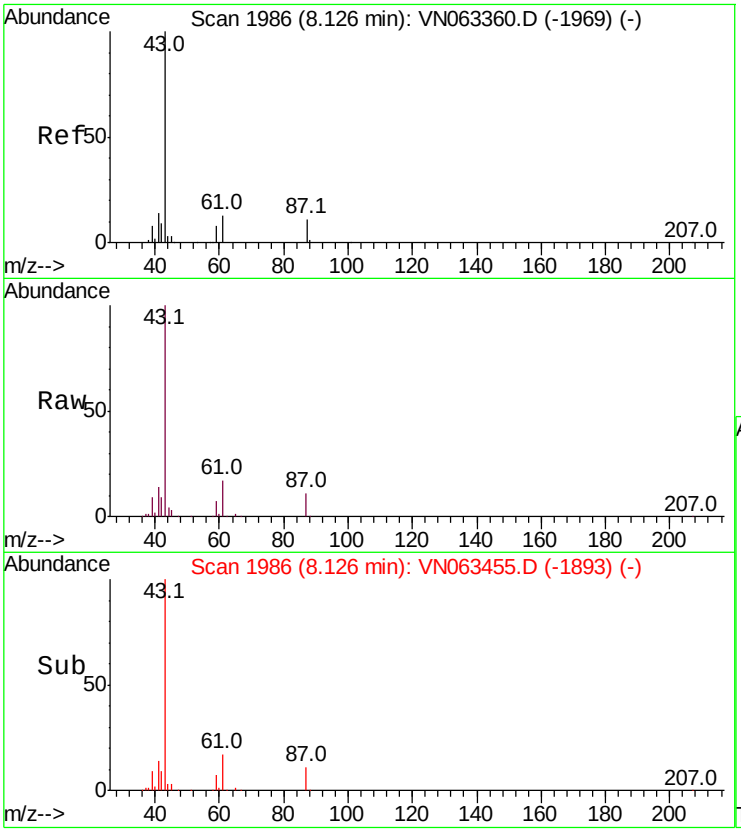


#38
Carbon Tetrachloride
Concen: 5.625 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion:117 Resp: 28411

Ion	Ratio	Lower	Upper
117	100		
119	7.2	74.5	111.7#
121	0.0	24.1	36.1#



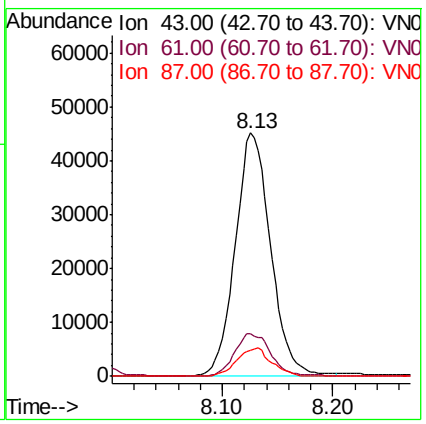


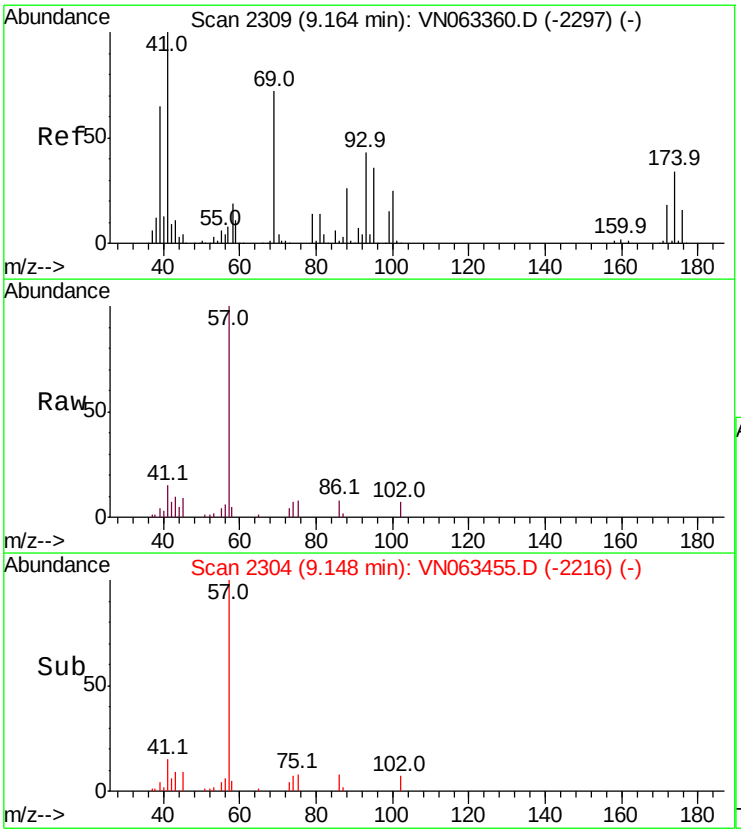
#43
Isopropyl Acetate
Concen: 11.602 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument : MSVOA_N
ClientSampleId : PB131701TB

Tgt Ion: 43 Resp: 100742

Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.2	21.2
87	11.5	9.0	13.6

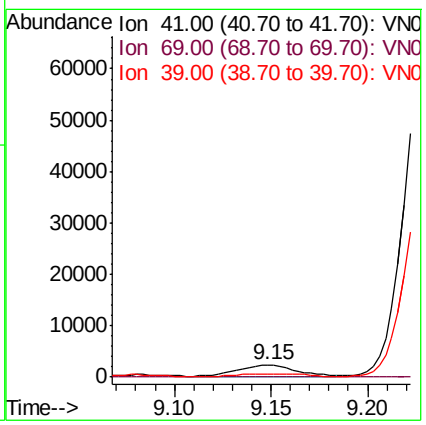


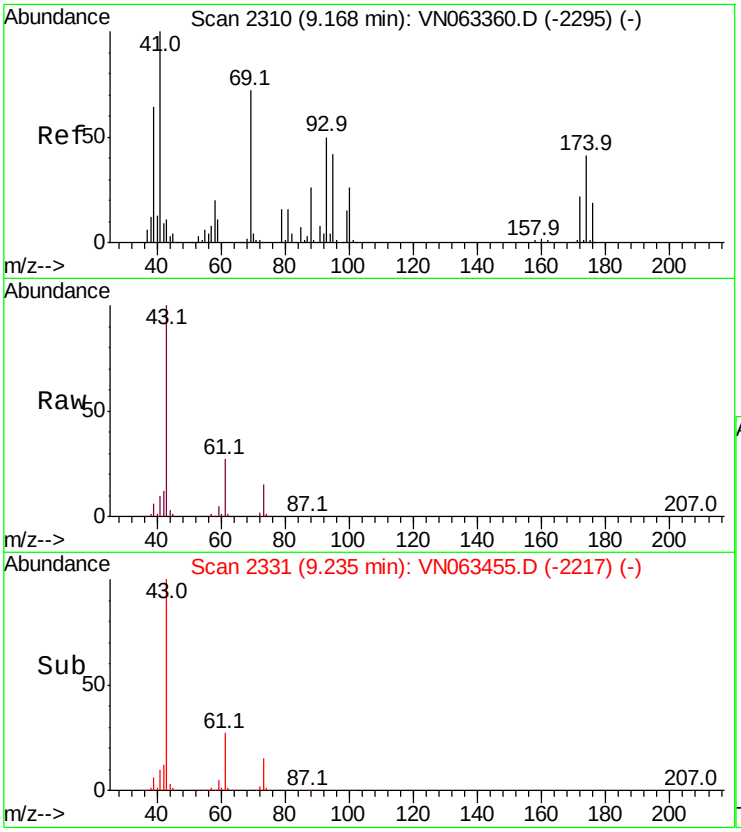


#48
Methyl methacrylate
Concen: 1.244 ug/l
RT: 9.15 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion: 41 Resp: 5309

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.3	88.9#
39	0.0	52.9	79.3#



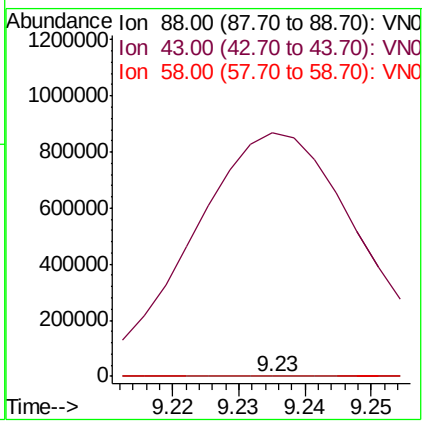


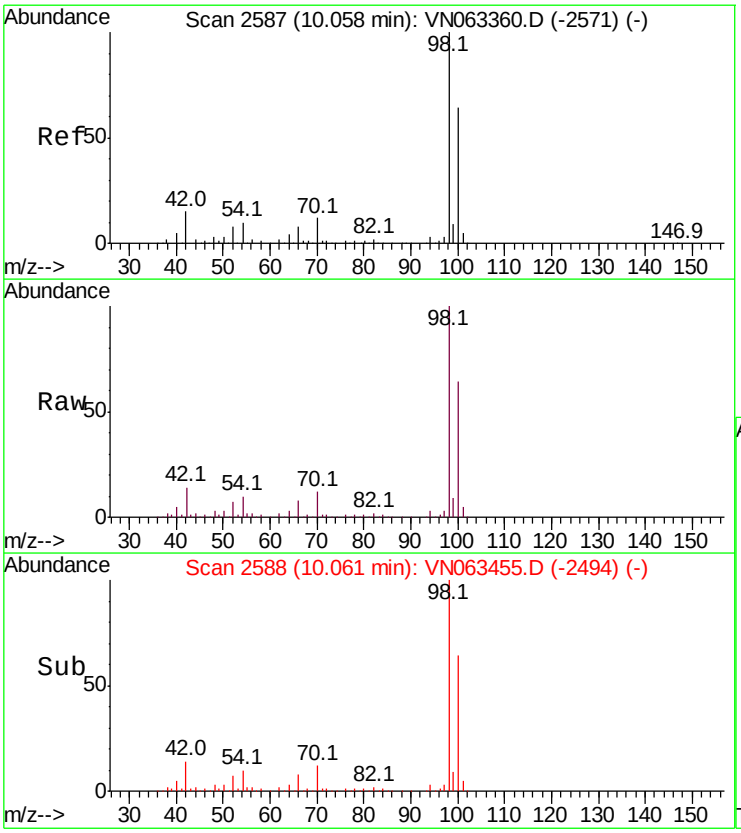
#49
1,4-Dioxane
Concen: 2.957 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB131701TB

Tgt Ion: 88 Resp: 181

Ion	Ratio	Lower	Upper
88	100		
43	890070.2	32.6	49.0#
58	3555.2	60.0	90.0#

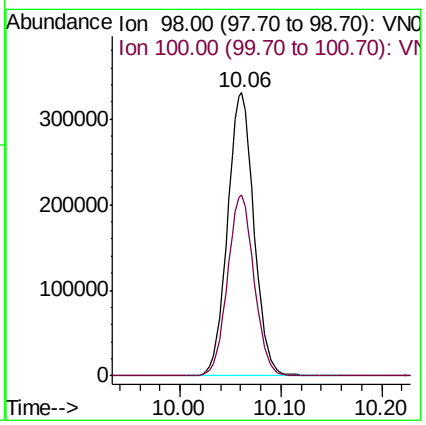


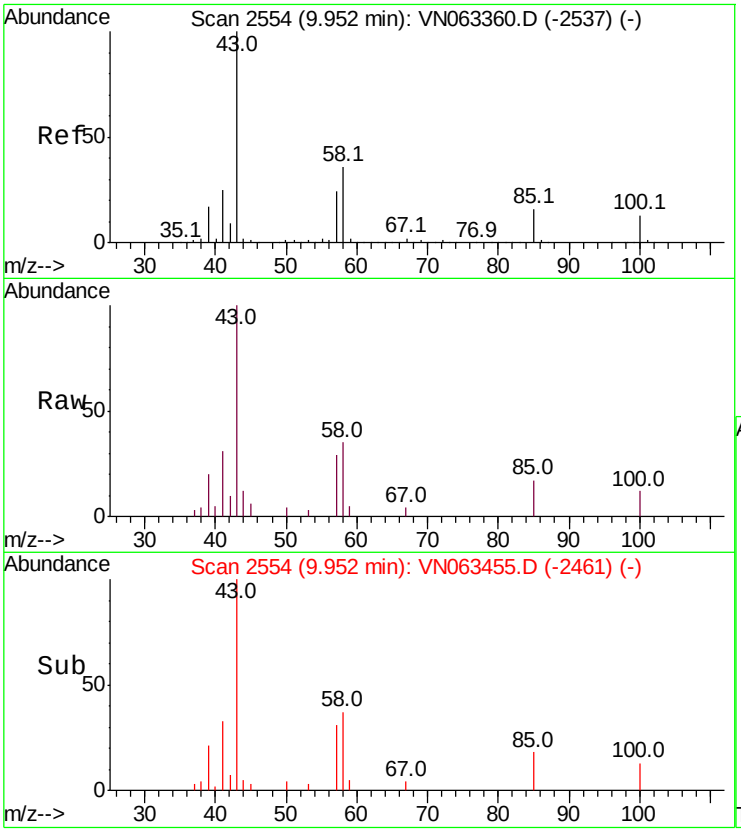


#50
Toluene-d8
Concen: 49.837 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion: 98 Resp: 602492

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.7	76.1



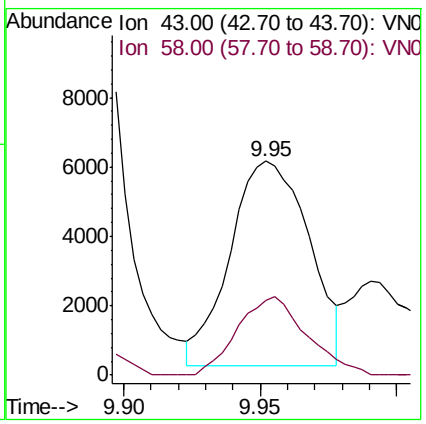


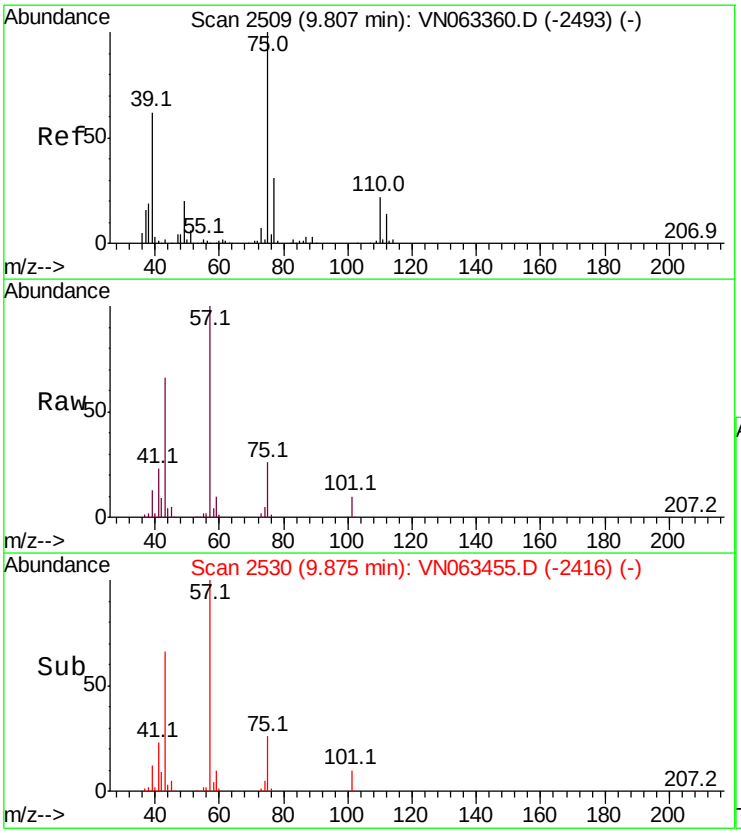
#51
4-Methyl-2-Pentanone
Concen: 2.455 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument : MSVOA_N
ClientSampleId : PB131701TB

Tgt Ion: 43 Resp: 11933

Ion	Ratio	Lower	Upper
43	100		
58	33.5	29.0	43.6

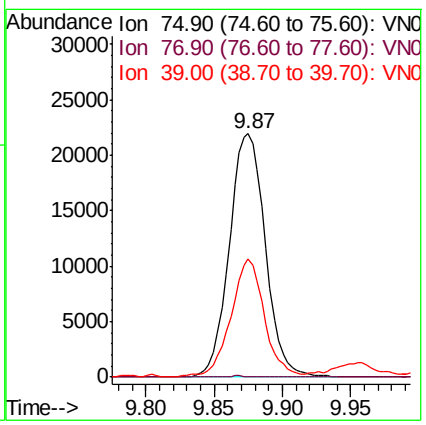


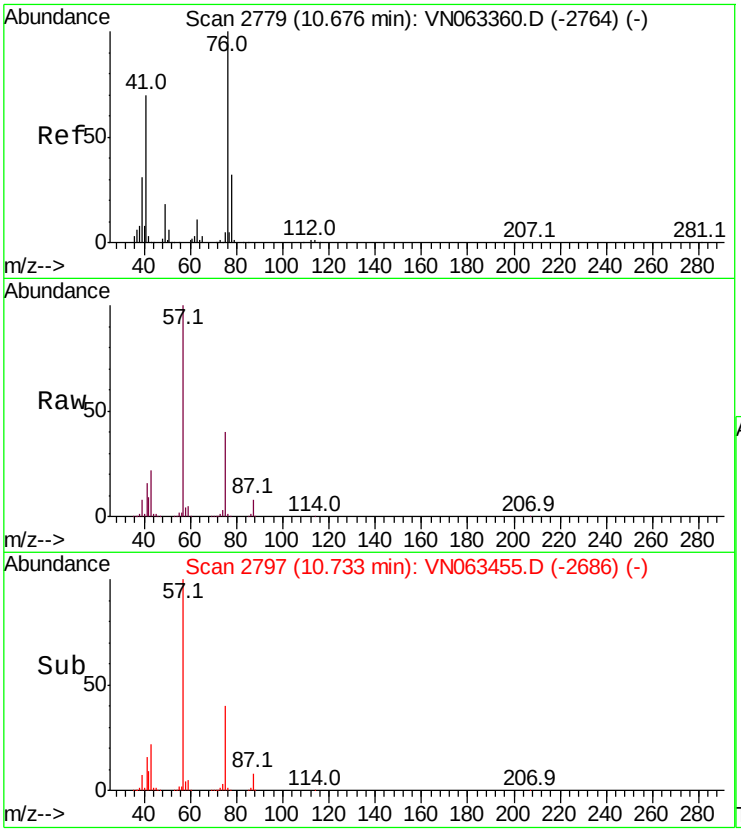


#54
cis-1,3-Dichloropropene
Concen: 6.489 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion: 75 Resp: 40135

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	37.0#
39	47.8	49.8	74.8#



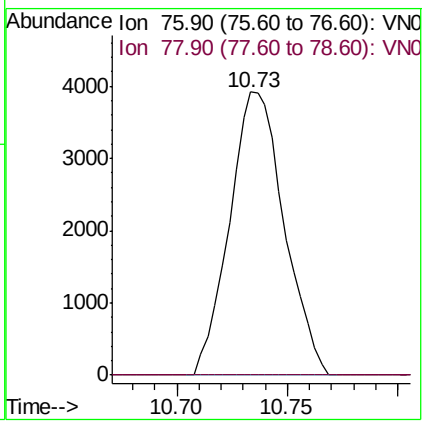


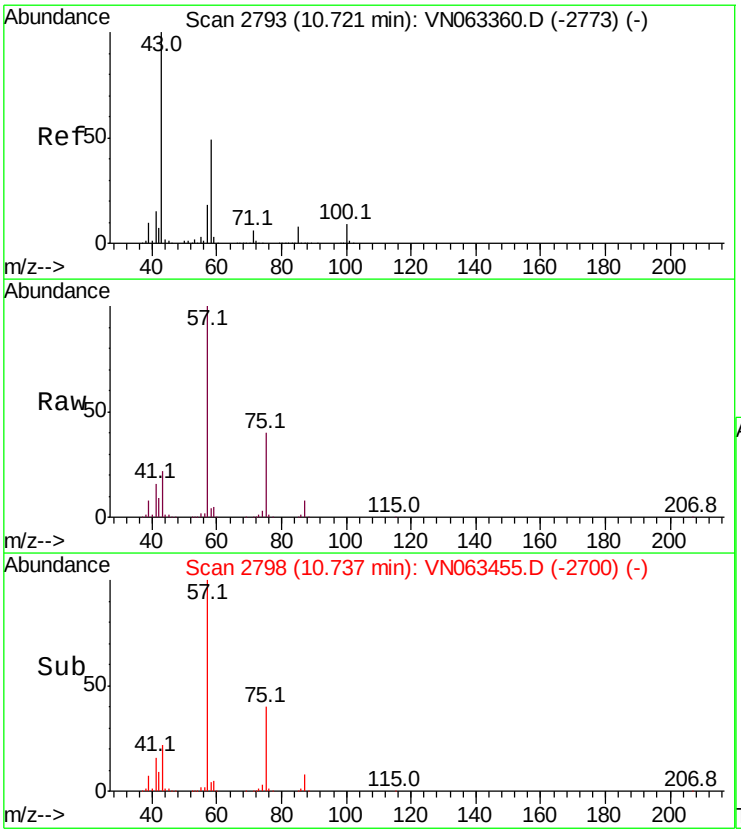
#57
1,3-Dichloropropane
Concen: 1.106 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB131701TB

Tgt Ion: 76 Resp: 6725

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#

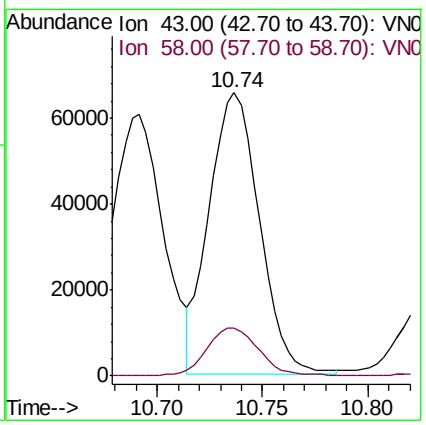


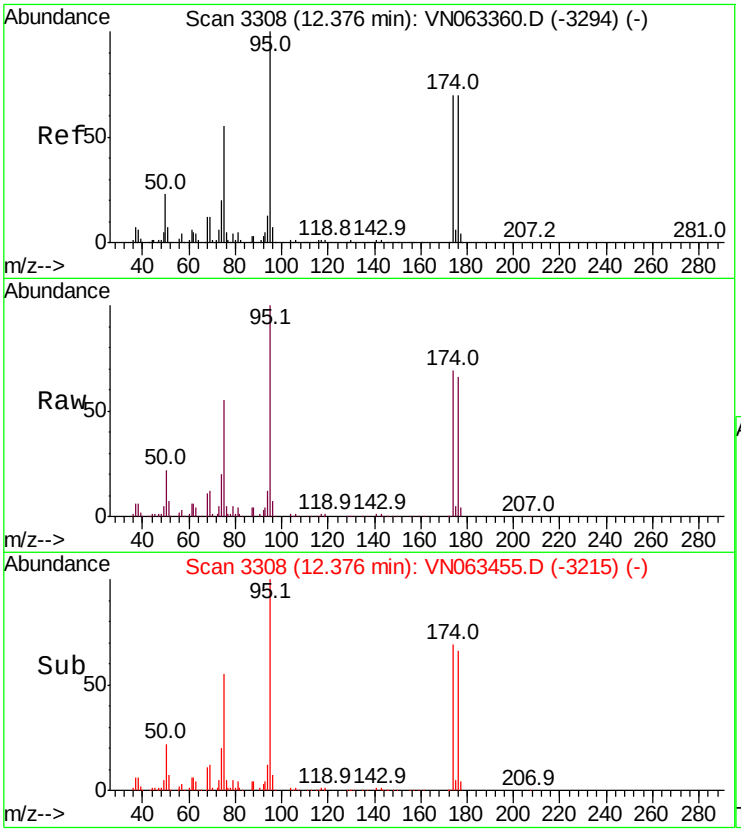


#59
2-Hexanone
Concen: 30.890 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion: 43 Resp: 108785

Ion	Ratio	Lower	Upper
43	100		
58	17.6	24.7	74.1#



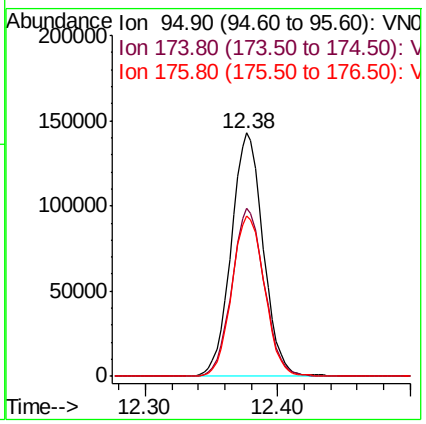


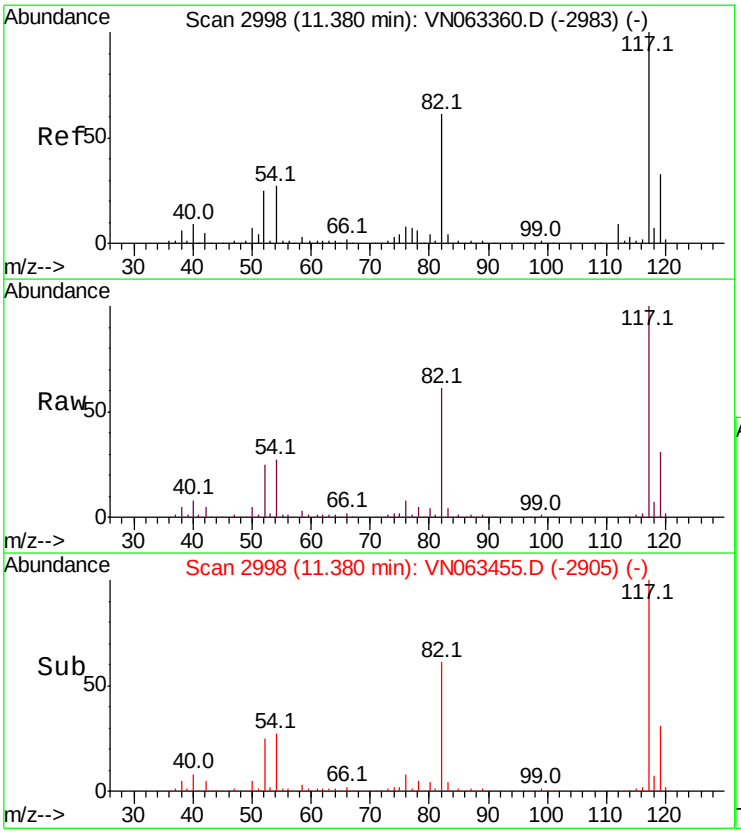
#62
4-Bromofluorobenzene
Concen: 53.993 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument : MSVOA_N
ClientSampleId : PB131701TB

Tgt Ion: 95 Resp: 239283

Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	140.8
176	67.4	0.0	137.6

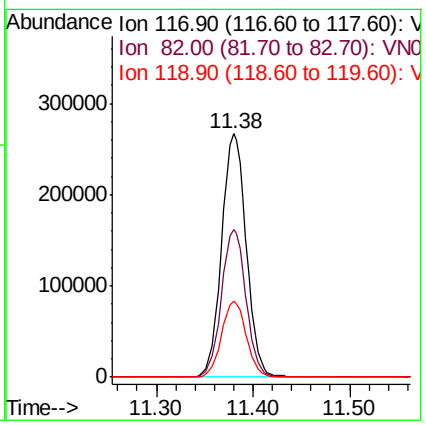


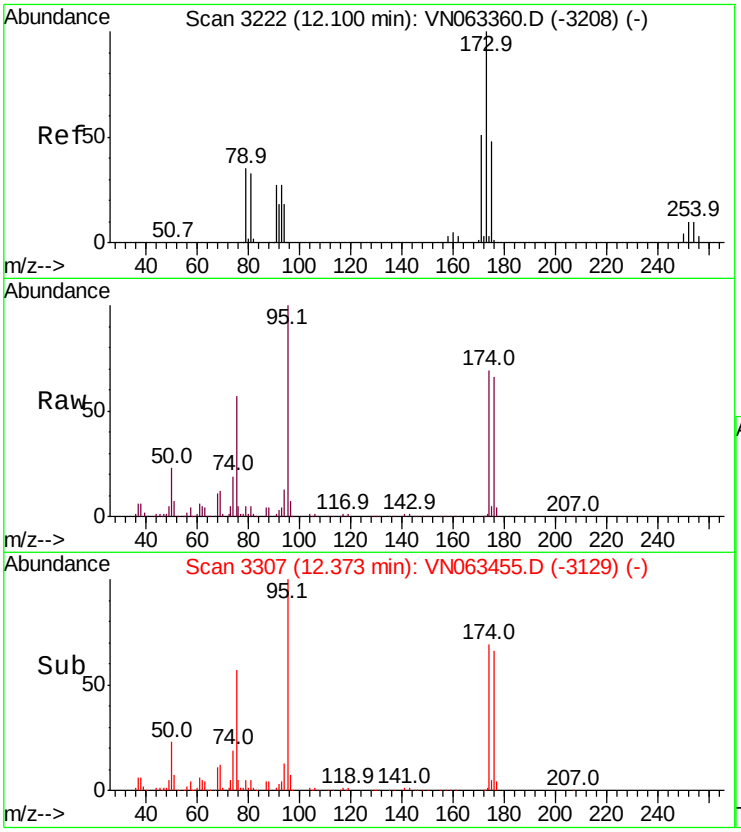


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion:117 Resp: 469940

Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.2	73.8
119	31.1	26.2	39.4



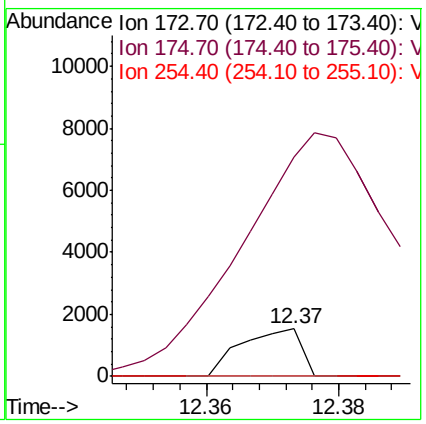


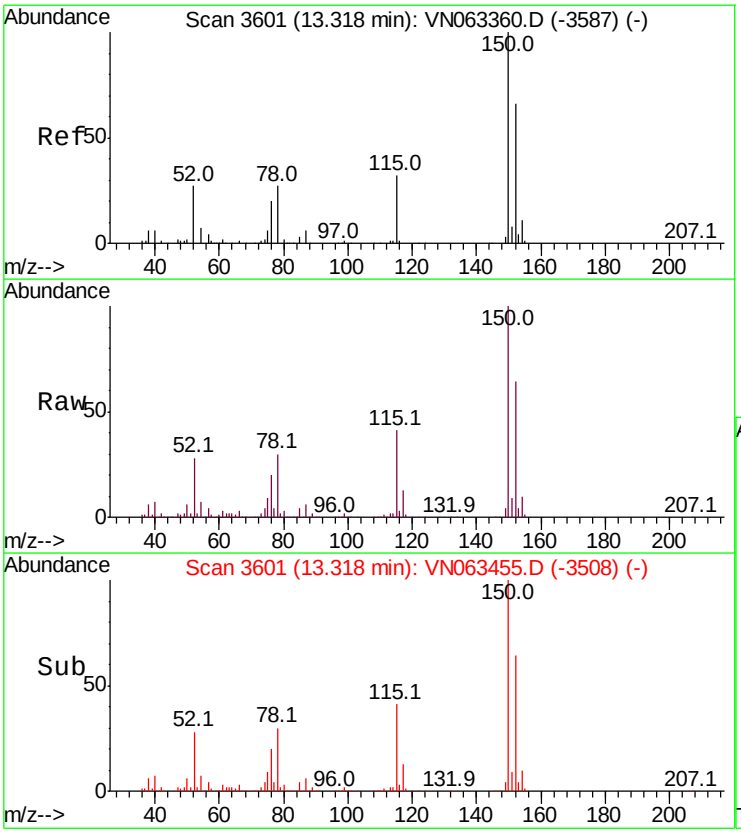
#71
Bromoform
Concen: 0.352 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument :
MSVOA_N
ClientSampleId :
PB131701TB

Tgt Ion:173 Resp: 960

Ion	Ratio	Lower	Upper
173	100		
175	1101.1	24.0	72.0#
254	0.0	0.0	0.0

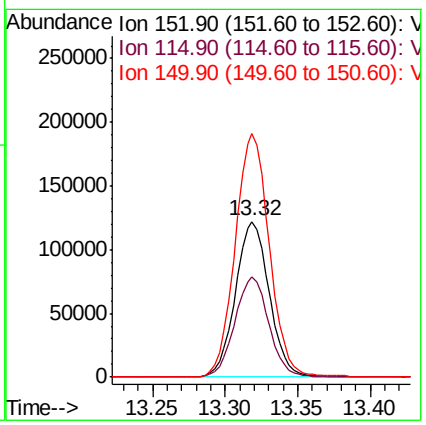


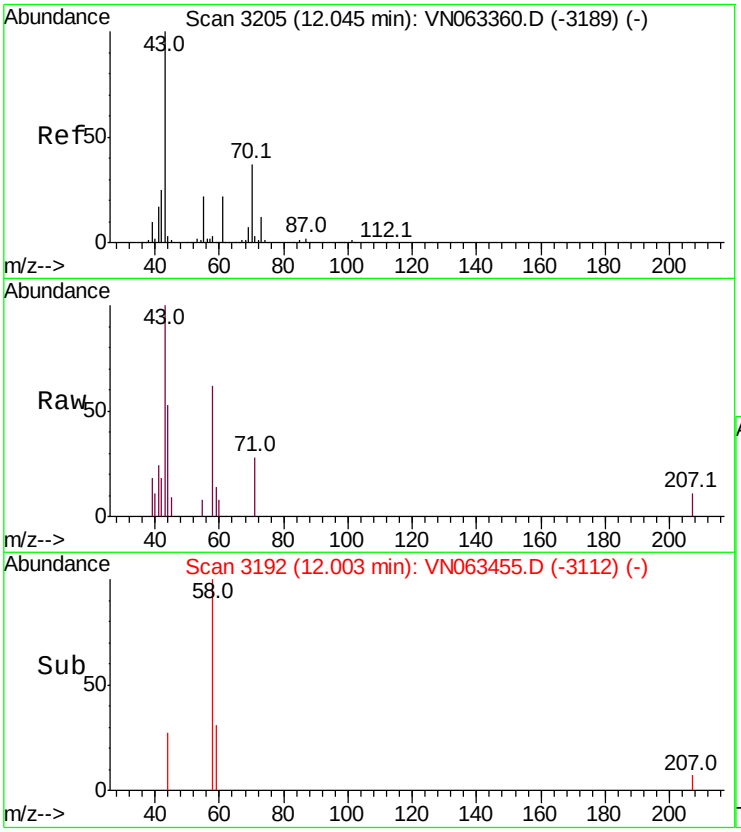


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion:152 Resp: 198076

Ion	Ratio	Lower	Upper
152	100		
115	64.1	32.2	96.6
150	157.9	0.0	343.4



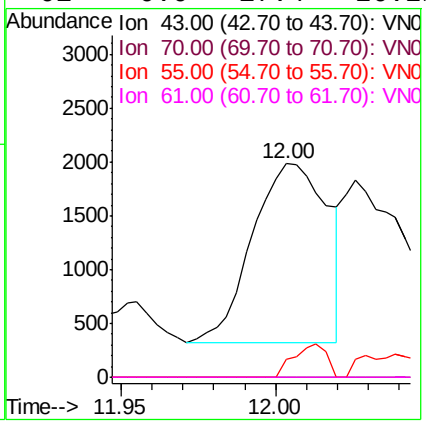


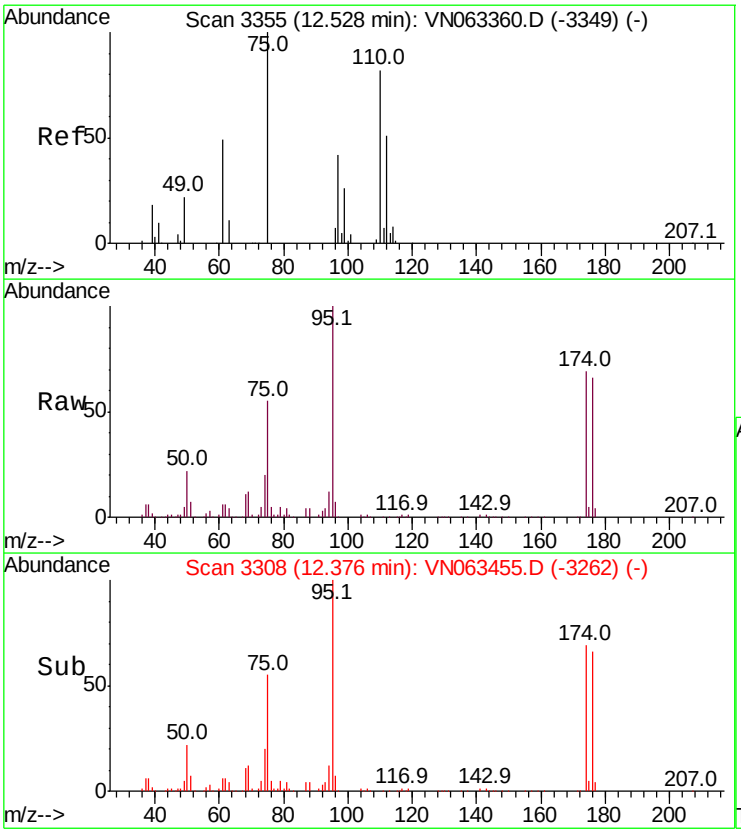
#74
N-amyl acetate
Concen: 0.375 ug/l
RT: 12.00 min Scan# 3192
Delta R.T. -0.04 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument : MSVOA_N
ClientSampleId : PB131701TB

Tgt Ion: 43 Resp: 2817

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.6	44.4#
55	8.0	17.7	26.5#
61	0.0	17.4	26.2#

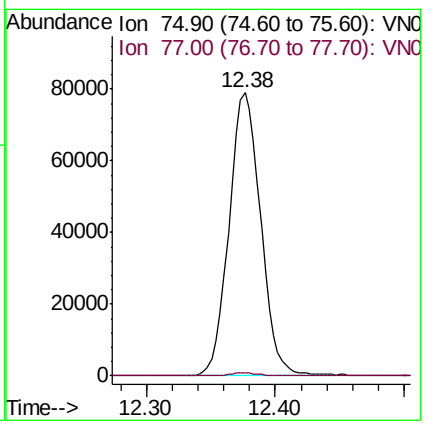


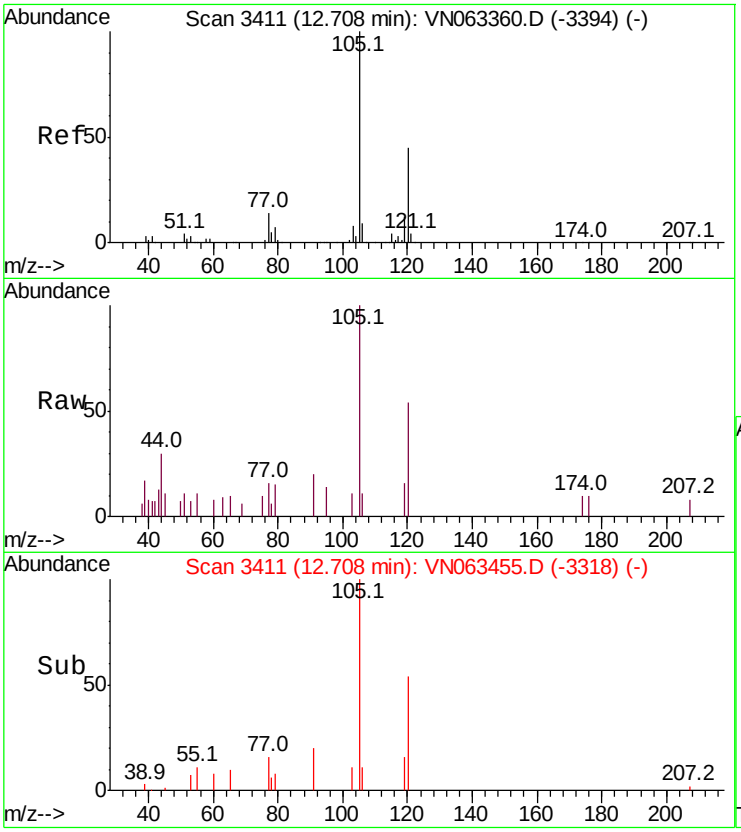


#76
1,2,3-Trichloropropane
Concen: 27.514 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion: 75 Resp: 134892

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



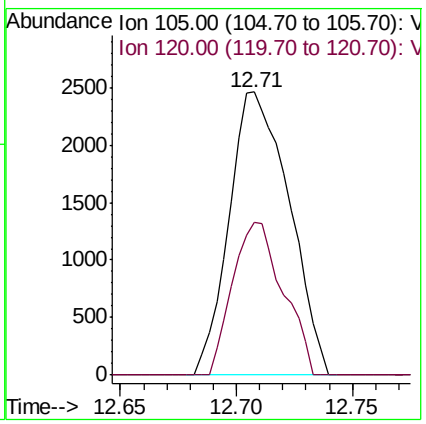


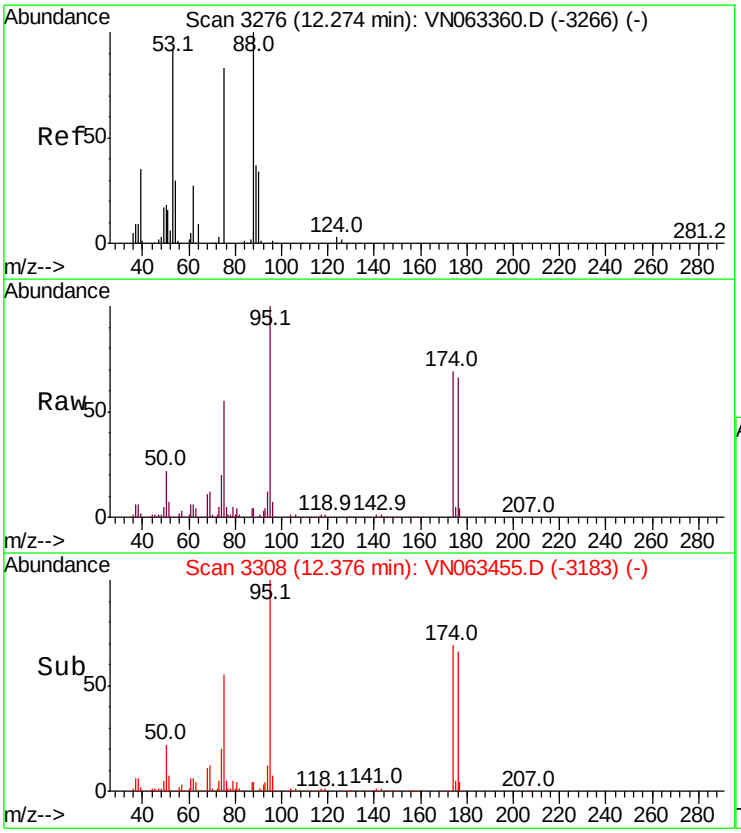
#80
1,3,5-Trimethylbenzene
Concen: 0.334 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Instrument : MSVOA_N
ClientSampleId : PB131701TB

Tgt Ion:105 Resp: 4425

Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.9	68.8





#81
trans-1,4-Dichloro-2-butene
Concen: 75.433 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063455.D
Acq: 18 Sep 2020 14:14

Tgt Ion: 75 Resp: 134892

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.7	128.5#
89	0.0	38.0	57.0#