Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100920\
Data File : VN064054.D
Acq On : 9 Oct 2020 23:13
Operator : JC/MD
Sample : PB132229TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132229TB

Quant Time: Oct 10 02:25:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	197546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	365005	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	167147	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.44%			
35) Dibromofluoromethane	7.55	113	123878	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
50) Toluene-d8	10.06	98	482332	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.48%			
62) 4-Bromofluorobenzene	12.38	95	183960	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.94%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.73	59	348	0.966	ug/l #	71
13) Acrolein	3.59	56	67	0.303	ug/l #	78
16) Acetone	3.78	43	25517	25.399	ug/l	97
17) Carbon Disulfide	4.01	76	1884	1.046	ug/l #	76
18) Methyl Acetate	4.28	43	1526	0.585	ug/l #	86
20) Methylene Chloride	4.51	84	26136	11.434	ug/l	98
25) 2-Butanone	6.80	43	2718	1.908	ug/l	96
29) Tetrahydrofuran	7.16	42	283	0.296	ug/l #	36
31) Cyclohexane	7.63	56	5237	1.382	ug/l #	4
36) 1,1-Dichloropropene	7.62	75	17418	4.710	ug/l #	43
38) Carbon Tetrachloride	7.62	117	21990	5.303	ug/l #	14
41) Methacrylonitrile	7.17	41	684	0.419	ug/l #	22
43) Isopropyl Acetate	8.13	43	75046	12.384	ug/l	97
45) 1,2-Dichloropropane	9.24	63	1421	0.498	ug/l #	44
48) Methyl methacrylate	9.23	41	137659	45.979	ug/l #	45
51) 4-Methyl-2-Pentanone	9.96	43	7822	2.200	ug/l	97
54) cis-1,3-Dichloropropene	9.87	75	27124	5.966	ug/l #	66
57) 1,3-Dichloropropane	10.74	76	5283	1.192	ug/l #	43
59) 2-Hexanone	10.74	43	89933	34.043	ug/l #	54
74) N-amyl acetate	12.01	43	2070	2.612	ug/l #	53
76) 1,2,3-Trichloropropane	12.38	75	99897	30.772	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	5008	0.556	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.38	75	99897	88.628	ug/l #	6
93) 1,2,4-Trichlorobenzene	14.89	180	452	1.906	ug/l	88
94) Hexachlorobutadiene	14.98	225	451	0.419	ug/l #	65
95) Naphthalene	15.11	128	2376	2.212	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.30	180	709	1.844	ug/l #	31

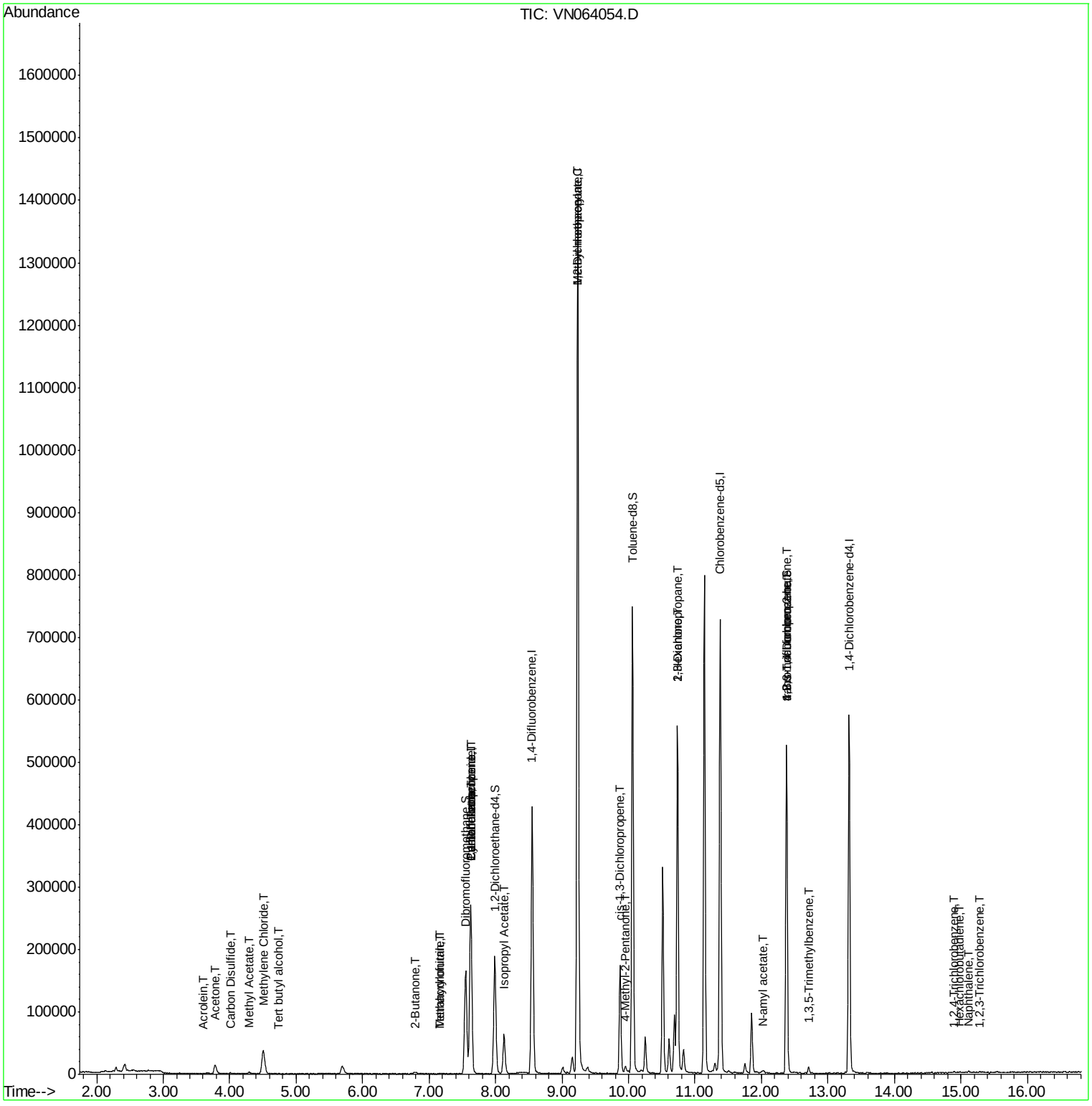
(#) = qualifier out of range (m) = manual integration (+) = signals summed

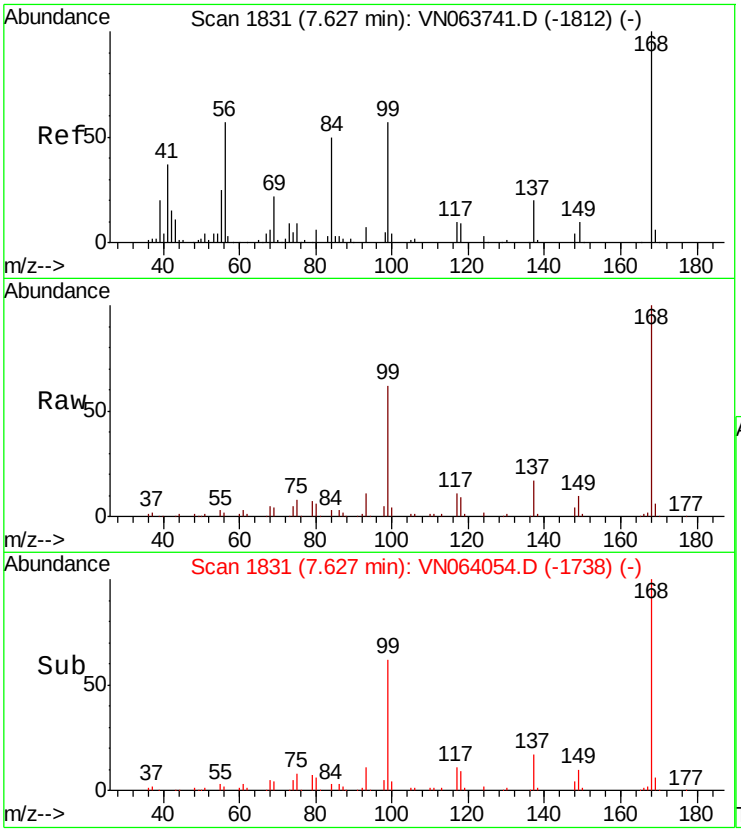
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100920\
Data File : VN064054.D
Acq On : 9 Oct 2020 23:13
Operator : JC/MD
Sample : PB132229TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132229TB

Quant Time: Oct 10 02:25:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration



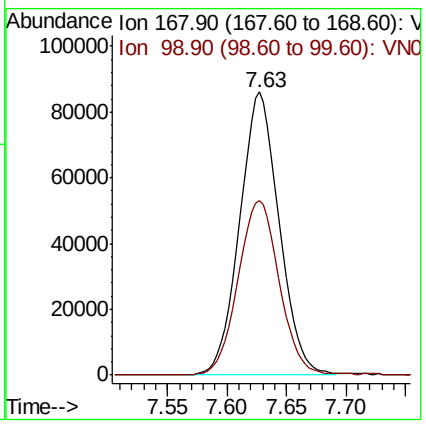


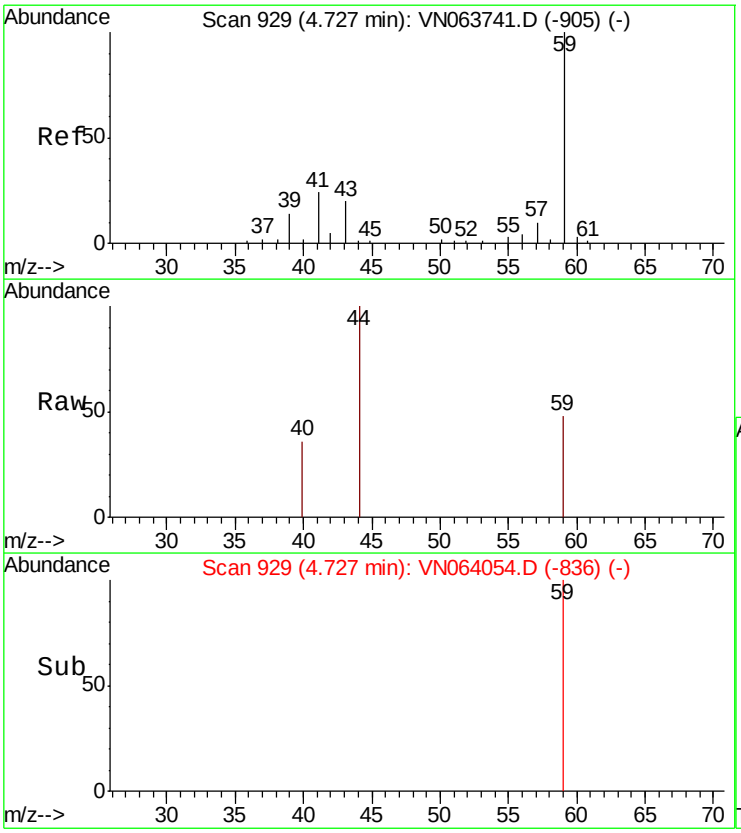
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB132229TB

Tgt Ion:168 Resp: 197546

Ion	Ratio	Lower	Upper
168	100		
99	61.9	51.8	77.6

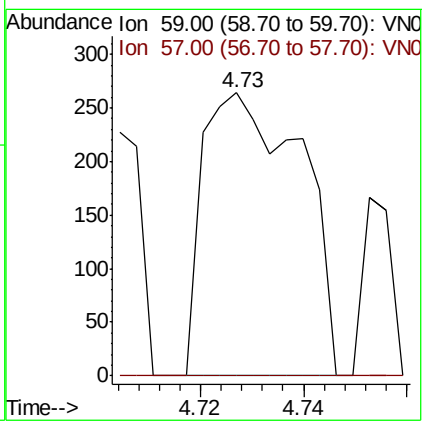


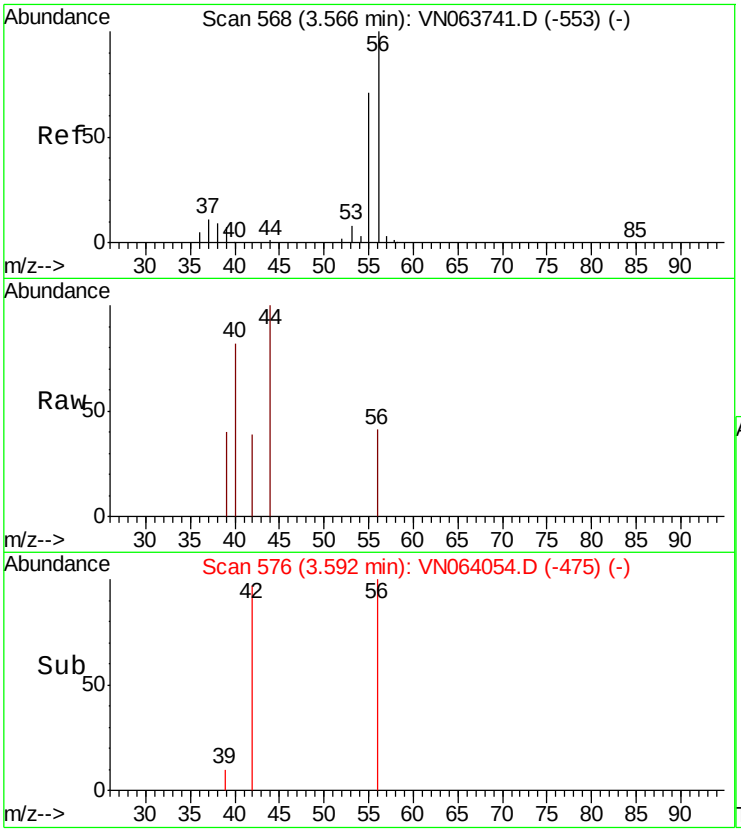


#11
Tert butyl alcohol
Concen: 0.966 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 59 Resp: 348

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



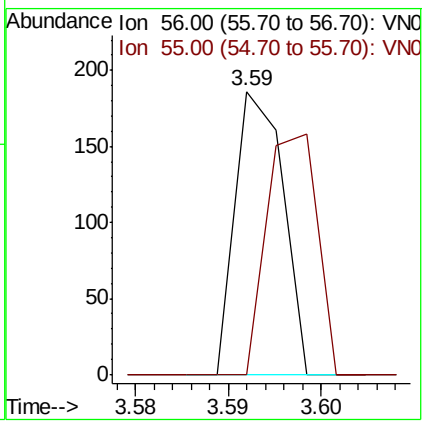


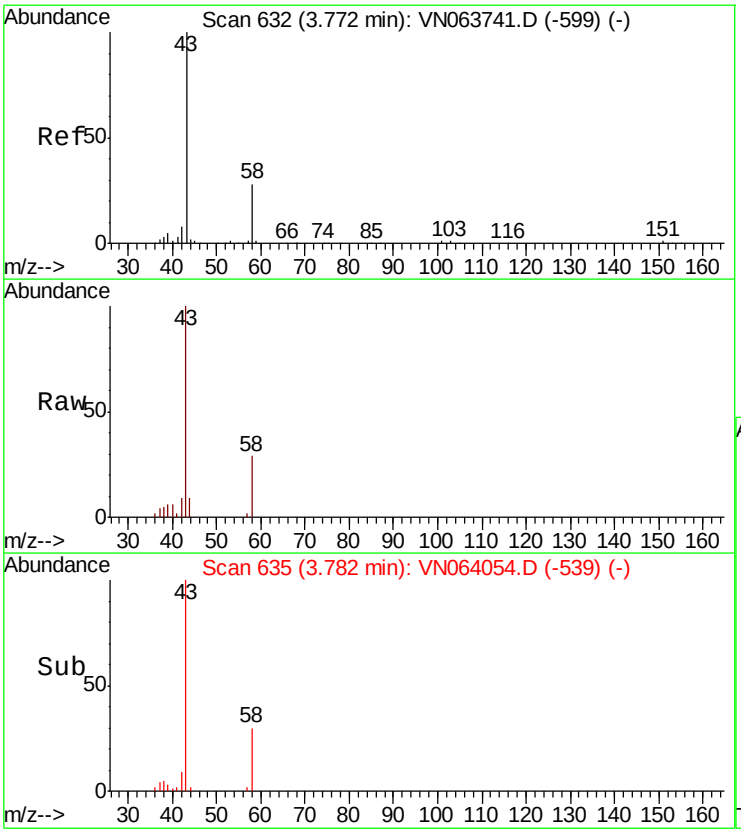
#13
Acrolein
Concen: 0.303 ug/l
RT: 3.59 min Scan# 576
Delta R.T. 0.03 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB132229TB

Tgt Ion: 56 Resp: 67

Ion	Ratio	Lower	Upper
56	100		
55	89.6	56.9	85.3#

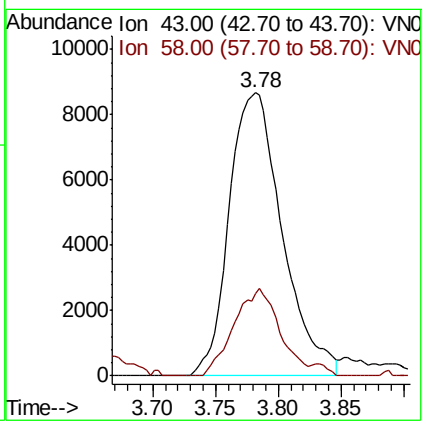


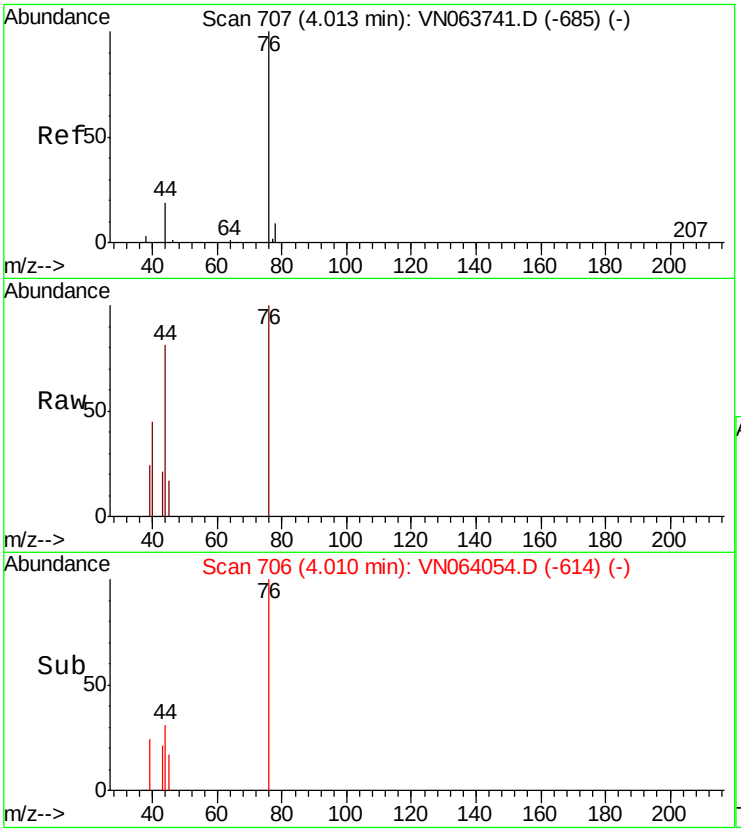


#16
Acetone
Concen: 25.399 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 43 Resp: 25517

Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.3	33.5



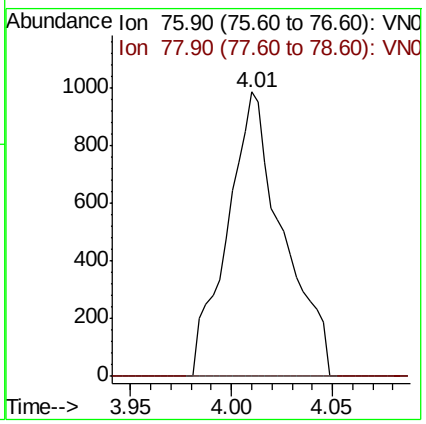


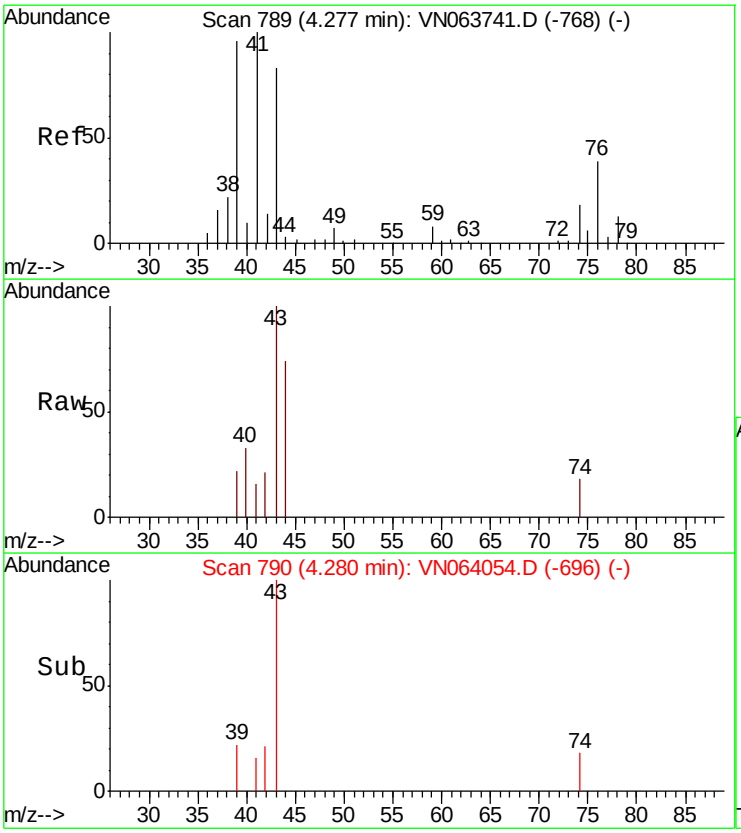
#17
Carbon Disulfide
Concen: 1.046 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB132229TB

Tgt Ion: 76 Resp: 1884

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

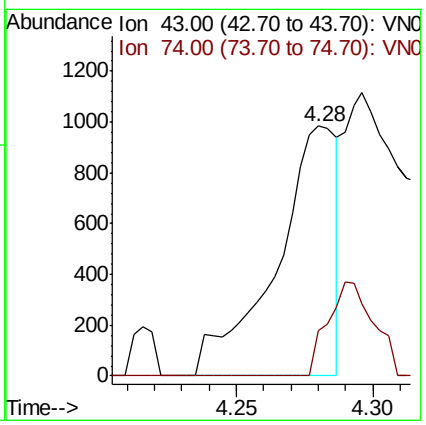


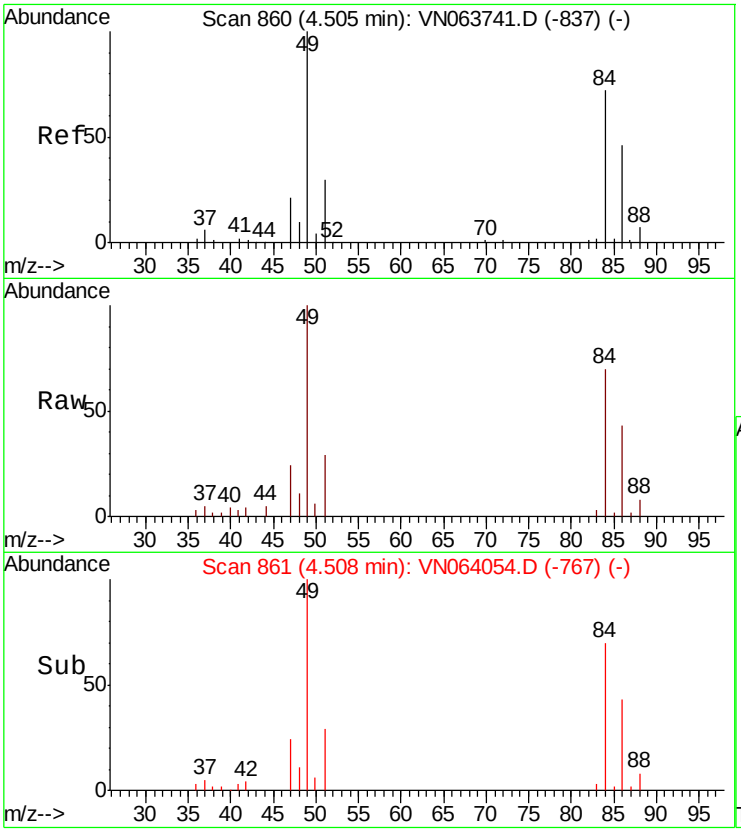


#18
Methyl Acetate
Concen: 0.585 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 43 Resp: 1526

Ion	Ratio	Lower	Upper
43	100		
74	28.2	17.4	26.2#



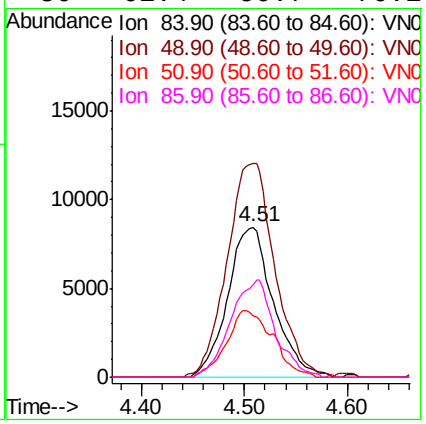


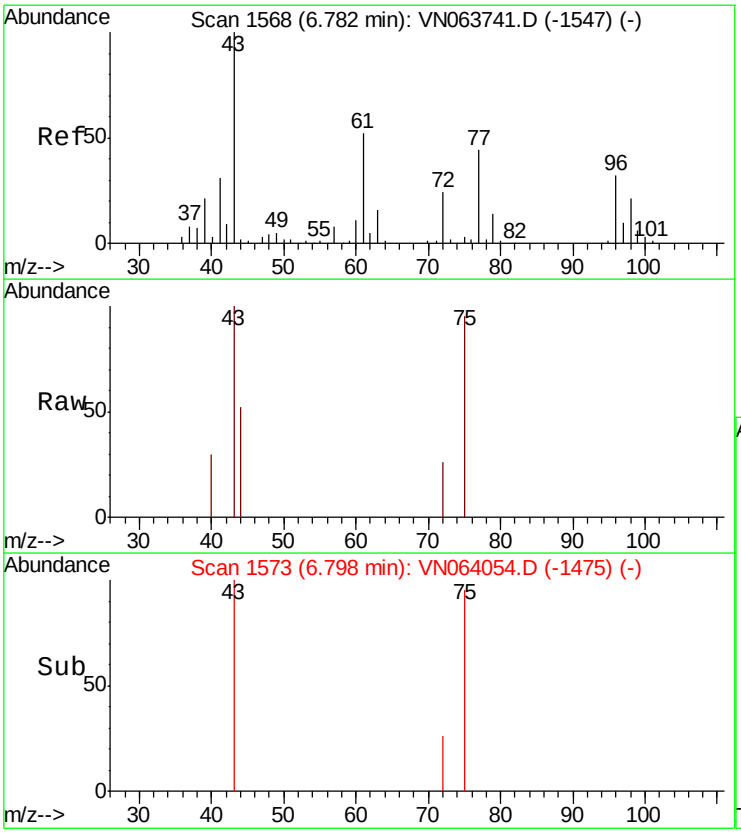
#20
Methylene Chloride
Concen: 11.434 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument : MSVOA_N
ClientSampleId : PB132229TB

Tgt Ion: 84 Resp: 26136

Ion	Ratio	Lower	Upper
84	100		
49	139.9	110.4	165.6
51	41.2	33.3	49.9
86	61.4	50.7	76.1

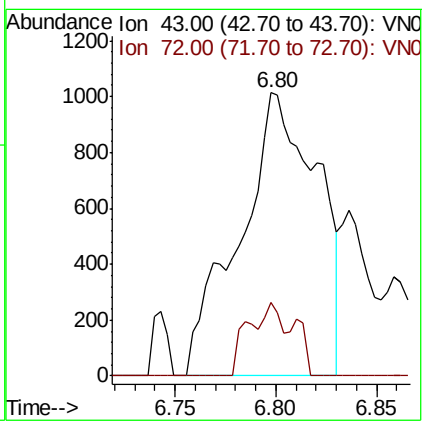


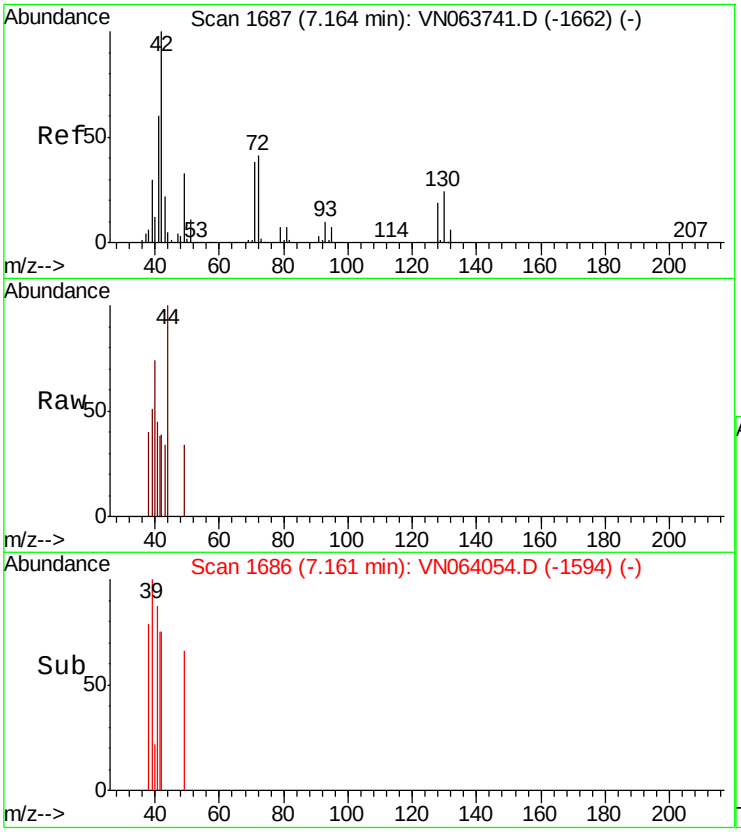


#25
2-Butanone
Concen: 1.908 ug/l
RT: 6.80 min Scan# 1573
Delta R.T. 0.02 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 43 Resp: 2718

Ion	Ratio	Lower	Upper
43	100		
72	25.9	19.3	28.9



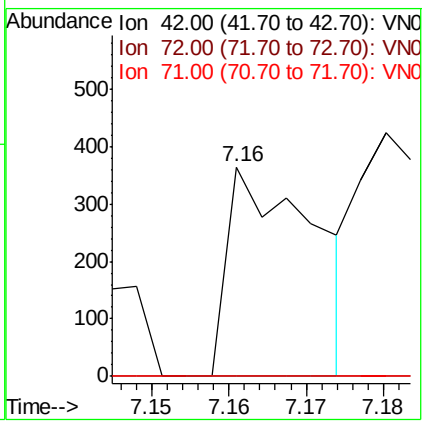


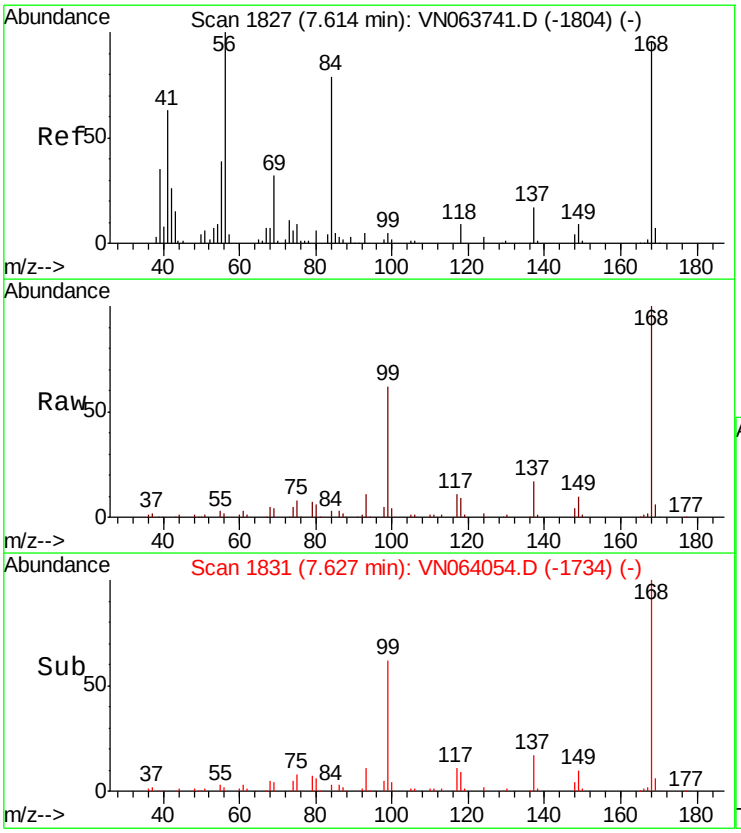
#29
Tetrahydrofuran
Concen: 0.296 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument : MSVOA_N
ClientSampleId : PB132229TB

Tgt Ion: 42 Resp: 283

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	0.0	30.6	45.8#

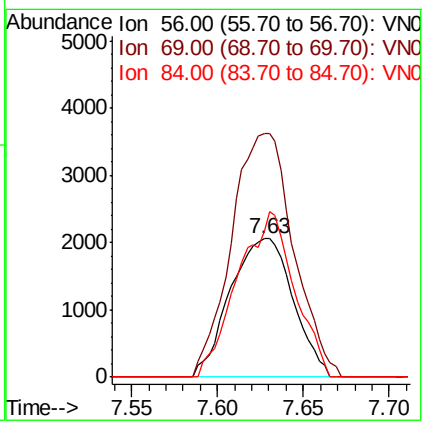


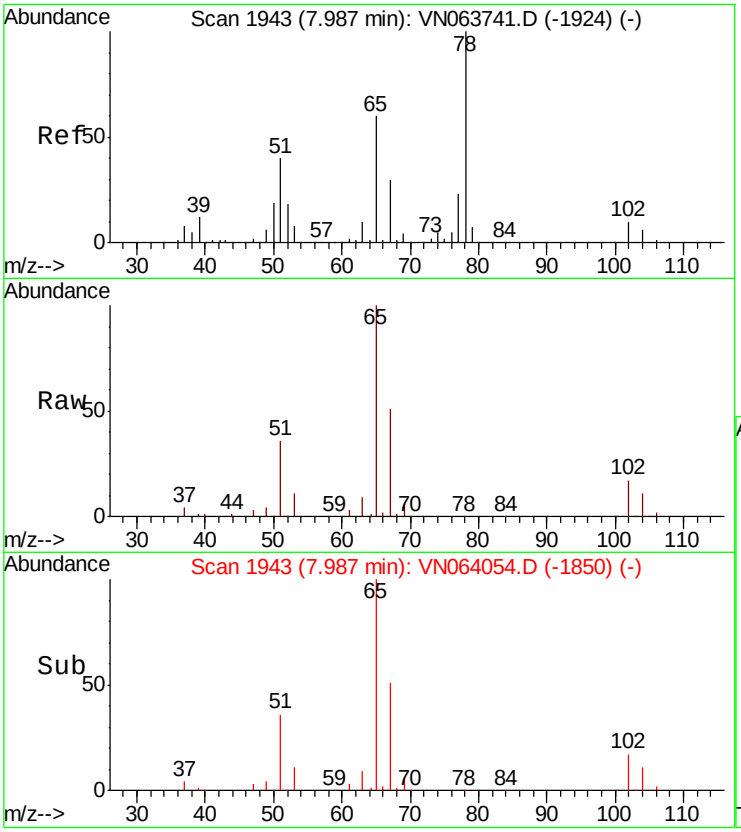


#31
Cyclohexane
Concen: 1.382 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 56 Resp: 5237

Ion	Ratio	Lower	Upper
56	100		
69	176.0	25.4	38.2#
84	106.2	63.3	94.9#



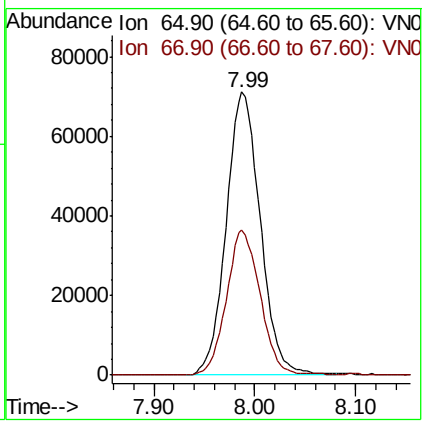


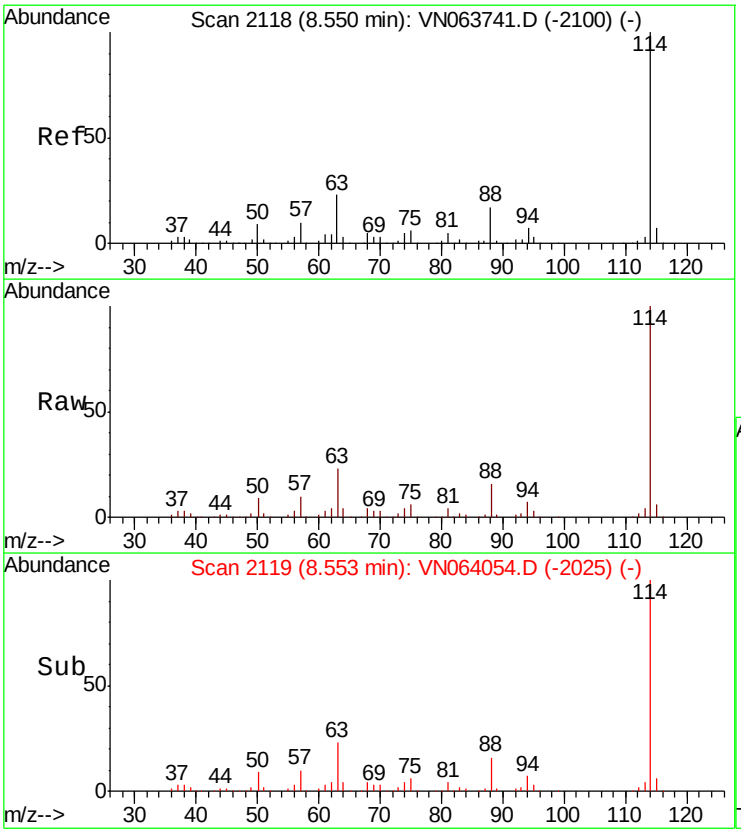
#33
1,2-Dichloroethane-d4
Concen: 51.216 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB132229TB

Tgt Ion: 65 Resp: 167147

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	99.6

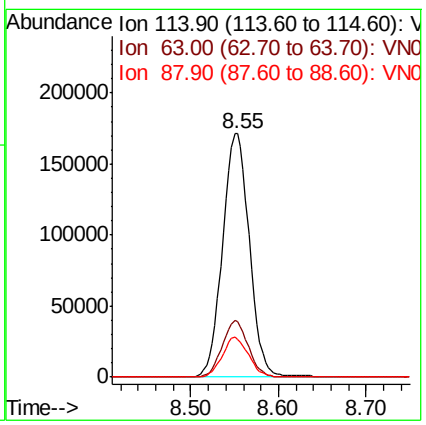


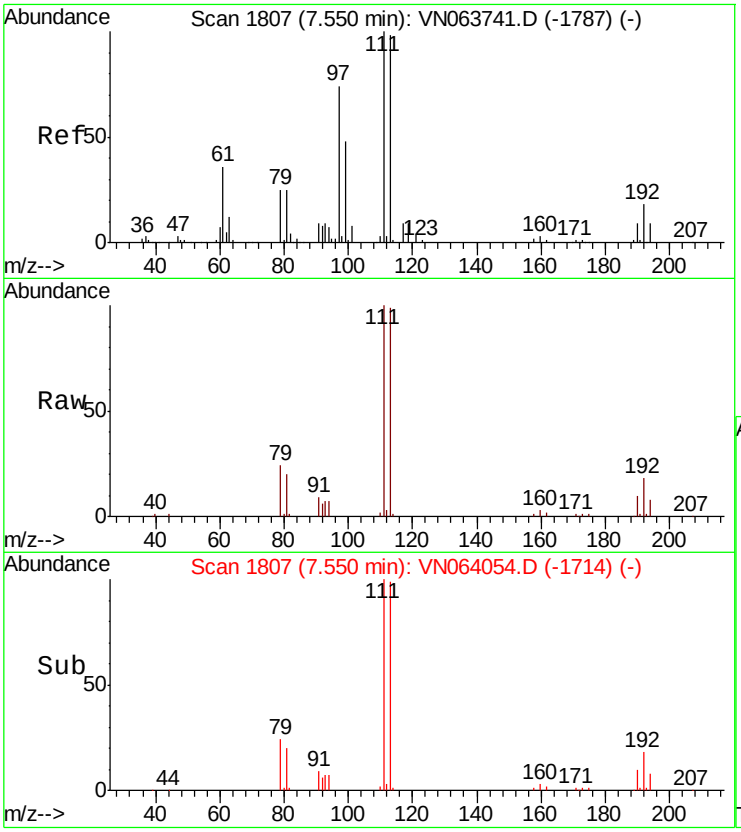


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion:114 Resp: 365005

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	45.0
88	15.5	0.0	34.0



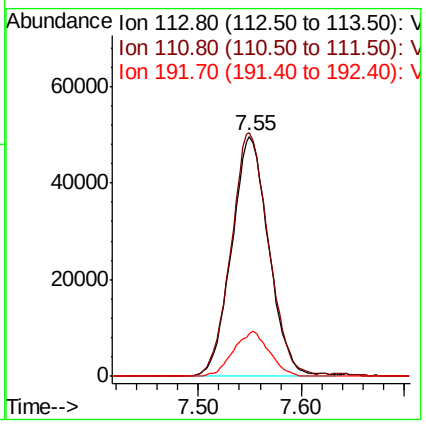


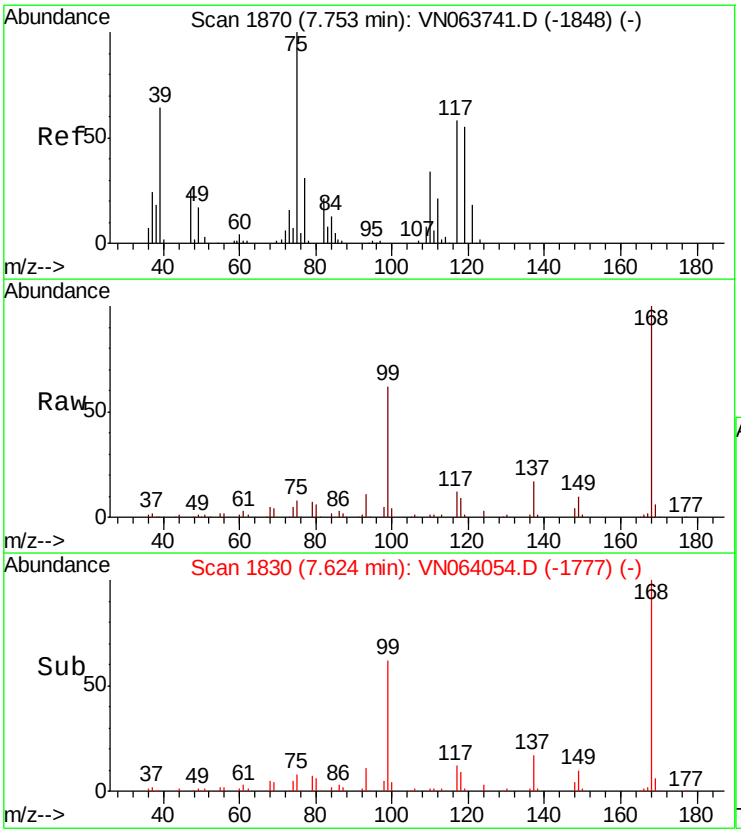
#35
Dibromofluoromethane
Concen: 48.912 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB132229TB

Tgt Ion:113 Resp: 123878

Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.8
192	18.1	14.2	21.2

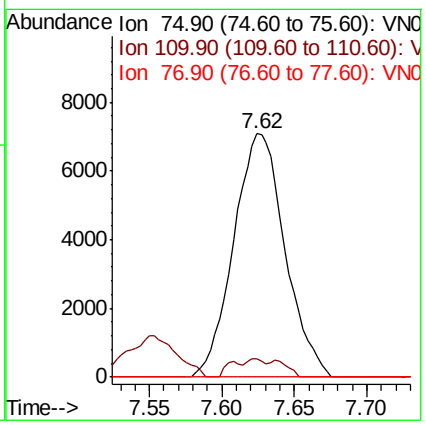


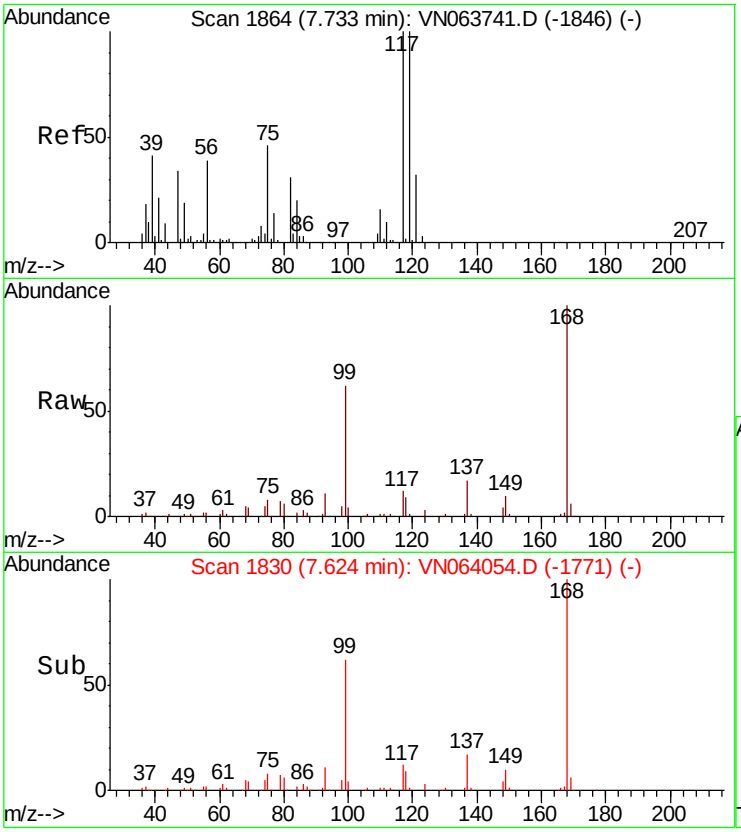


#36
1,1-Dichloropropene
Concen: 4.710 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 75 Resp: 17418

Ion	Ratio	Lower	Upper
75	100		
110	0.7	16.9	50.6#
77	0.0	24.5	36.7#



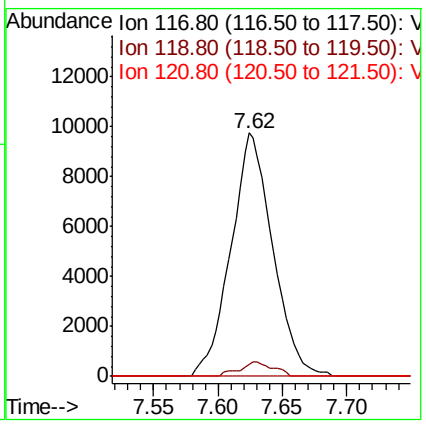


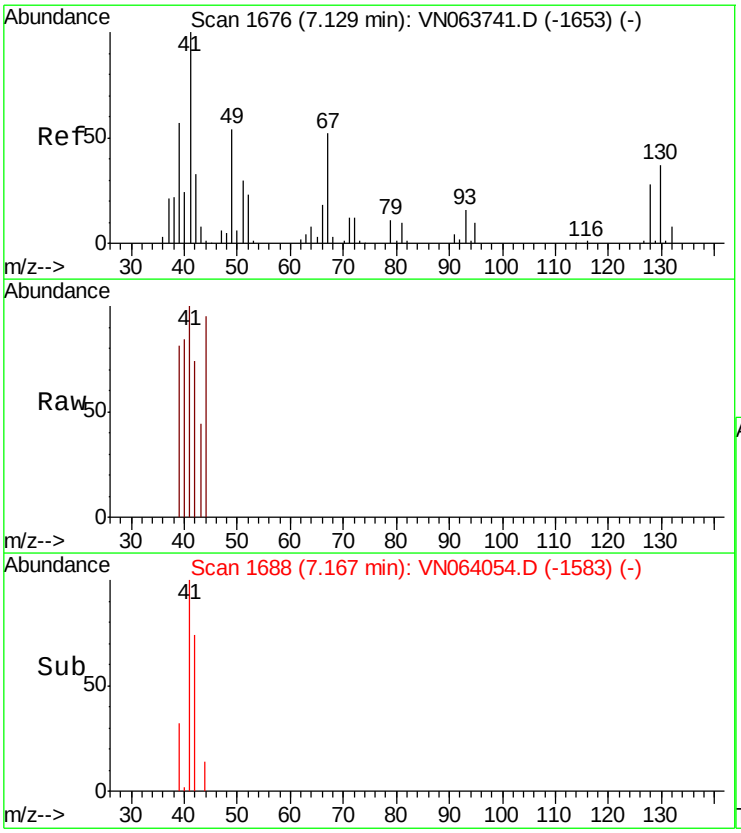
#38
Carbon Tetrachloride
Concen: 5.303 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB132229TB

Tgt Ion:117 Resp: 21990

Ion	Ratio	Lower	Upper
117	100		
119	5.1	80.1	120.1#
121	0.0	25.7	38.5#

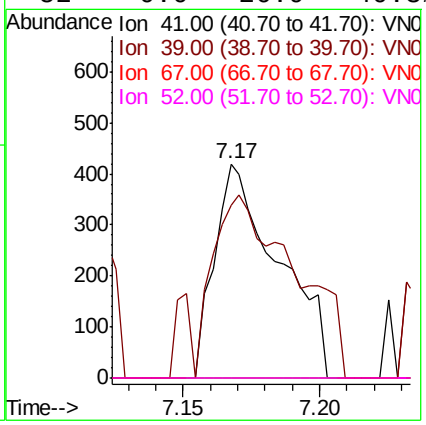


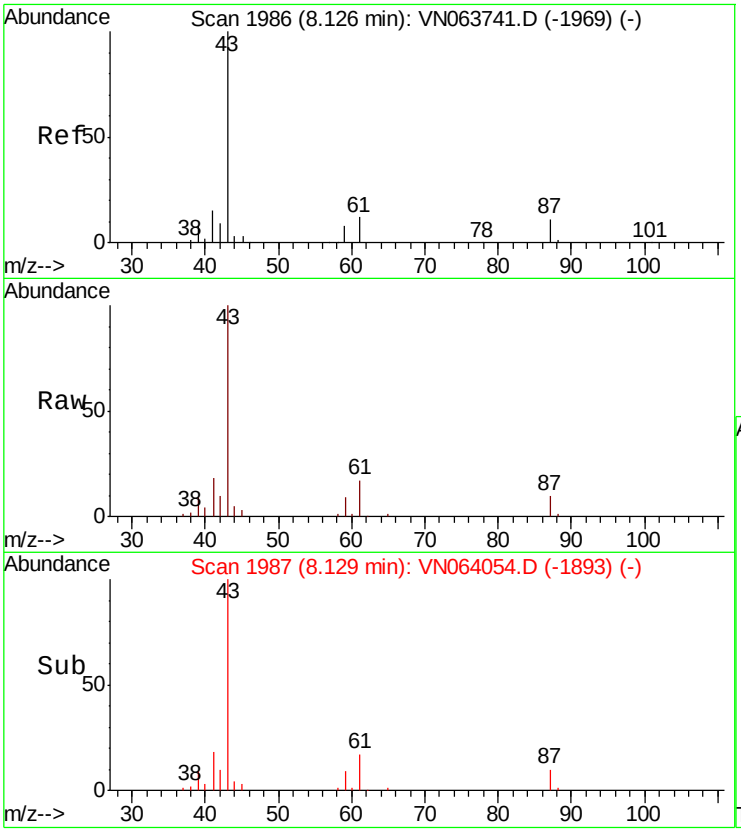


#41
Methacrylonitrile
Concen: 0.419 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.04 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 41 Resp: 684

Ion	Ratio	Lower	Upper
41	100		
39	109.6	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#



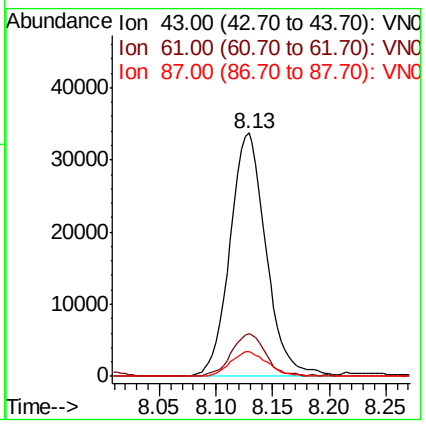


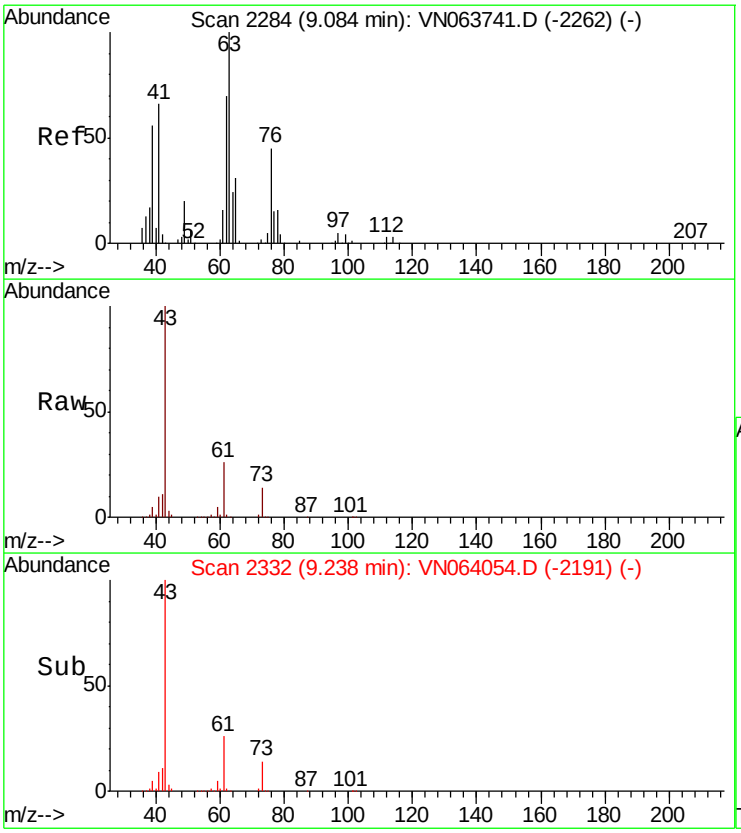
#43
Isopropyl Acetate
Concen: 12.384 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument : MSVOA_N
ClientSampleId : PB132229TB

Tgt Ion: 43 Resp: 75046

Ion	Ratio	Lower	Upper
43	100		
61	16.6	14.2	21.4
87	10.4	9.0	13.6

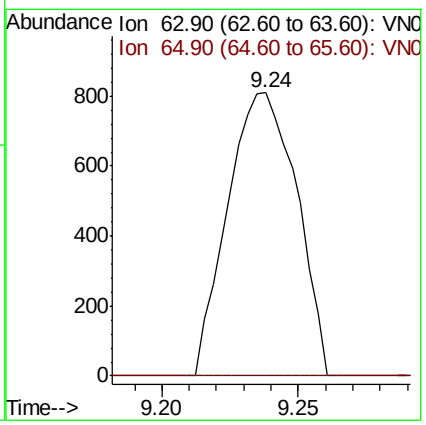


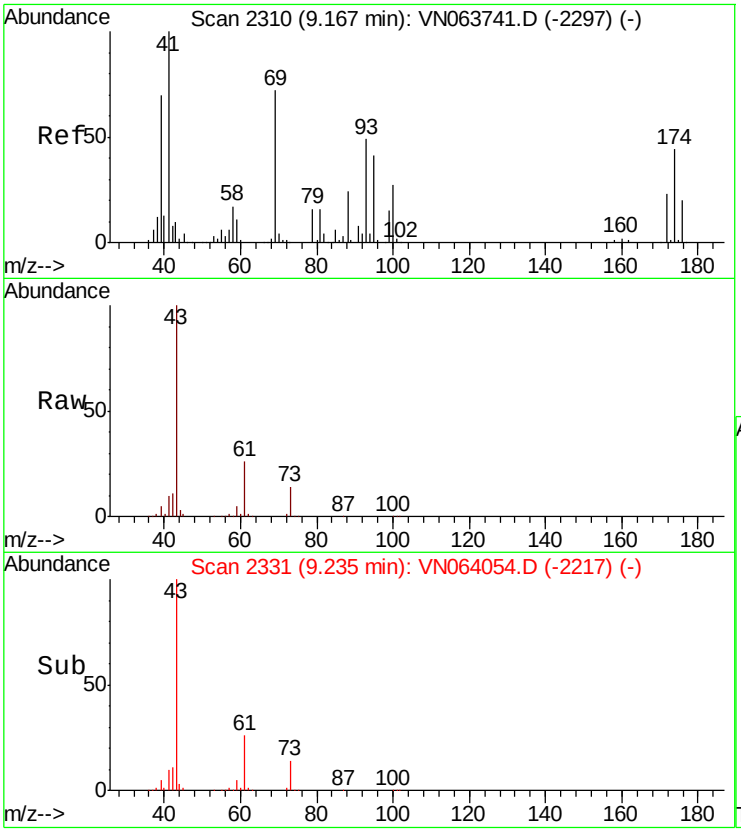


#45
1,2-Dichloropropane
Concen: 0.498 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 63 Resp: 1421

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#



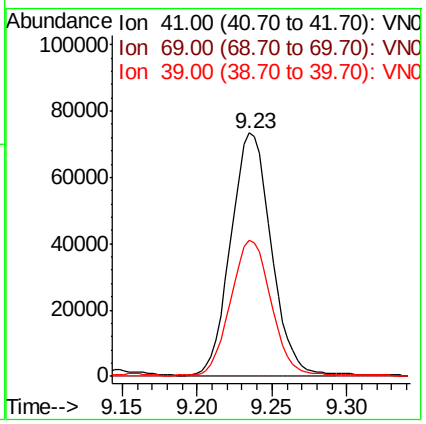


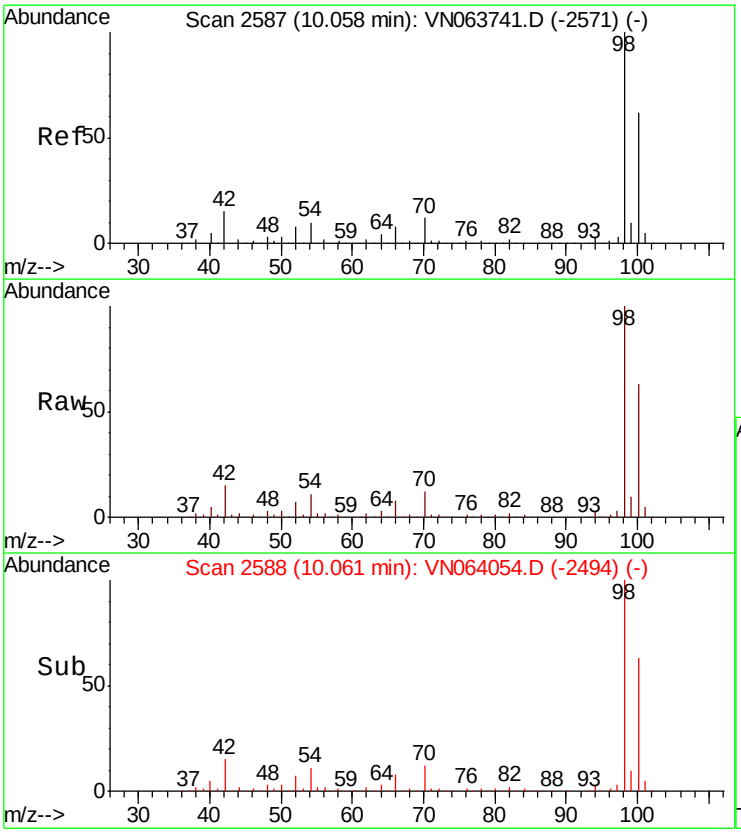
#48
Methyl methacrylate
Concen: 45.979 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument : MSVOA_N
ClientSampleId : PB132229TB

Tgt Ion: 41 Resp: 137659

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.9	91.3#
39	56.0	57.5	86.3#

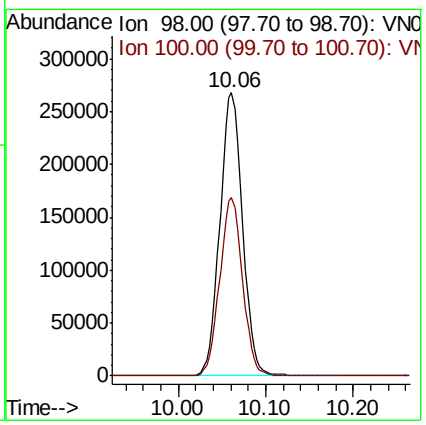


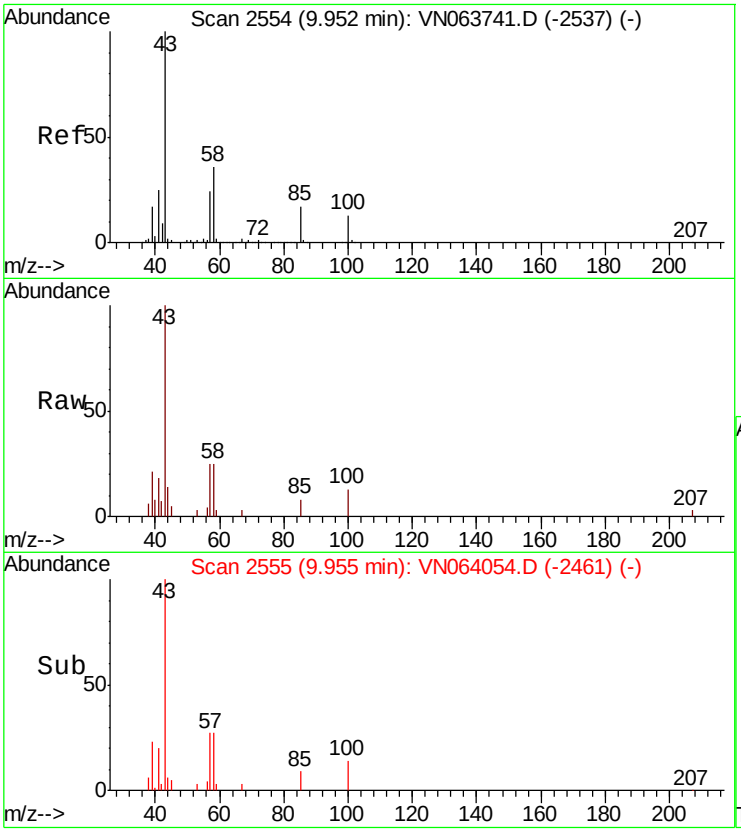


#50
Toluene-d8
Concen: 50.237 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 98 Resp: 482332

Ion	Ratio	Lower	Upper
98	100		
100	63.2	49.8	74.6



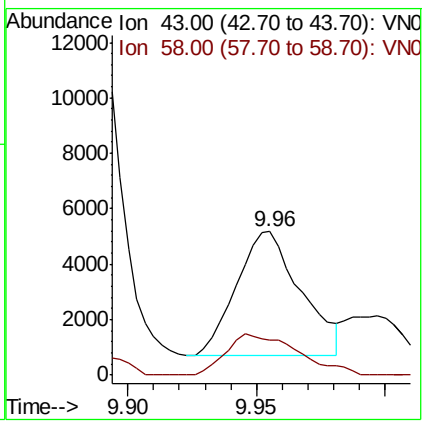


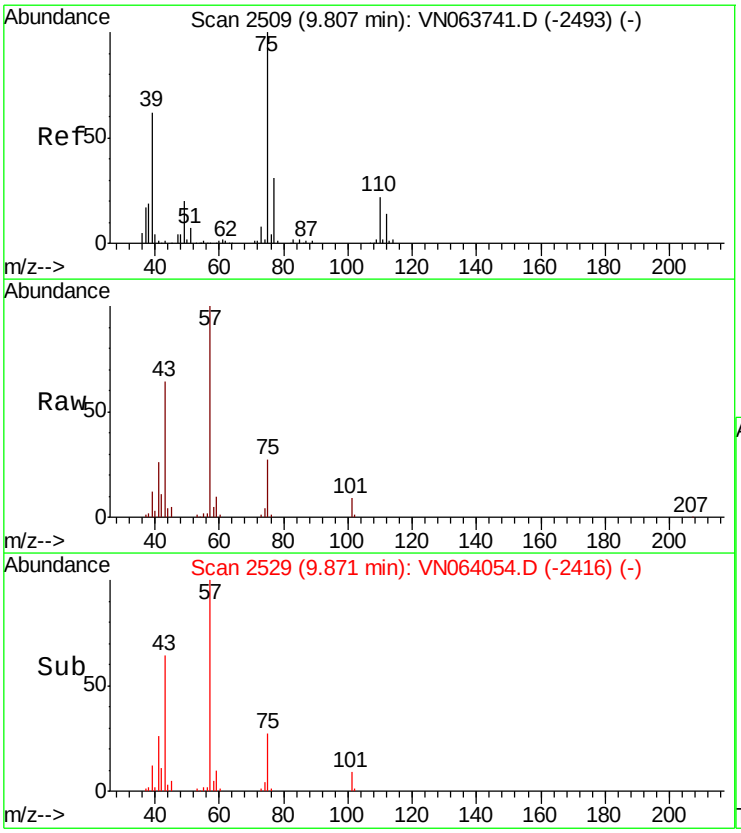
#51
4-Methyl-2-Pentanone
Concen: 2.200 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument : MSVOA_N
ClientSampleId : PB132229TB

Tgt Ion: 43 Resp: 7822

Ion	Ratio	Lower	Upper
43	100		
58	37.2	28.4	42.6

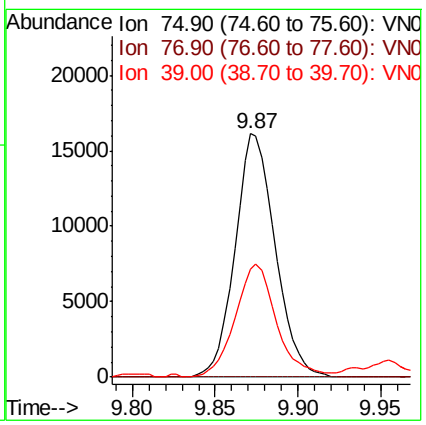


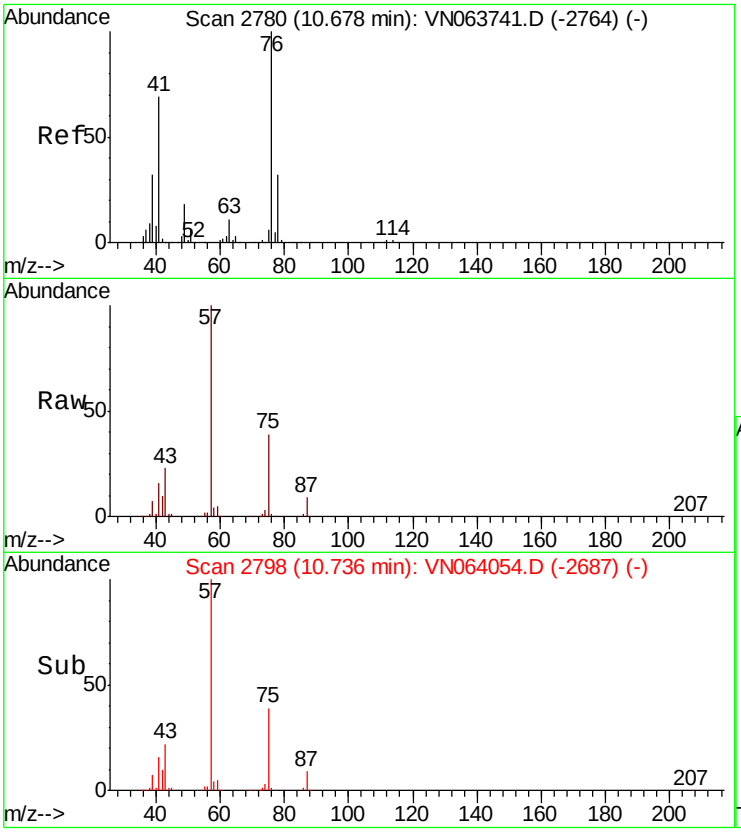


#54
cis-1,3-Dichloropropene
Concen: 5.966 ug/l
RT: 9.87 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 75 Resp: 27124

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	44.3	49.7	74.5#



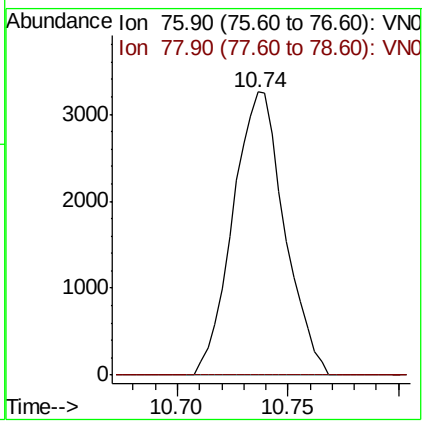


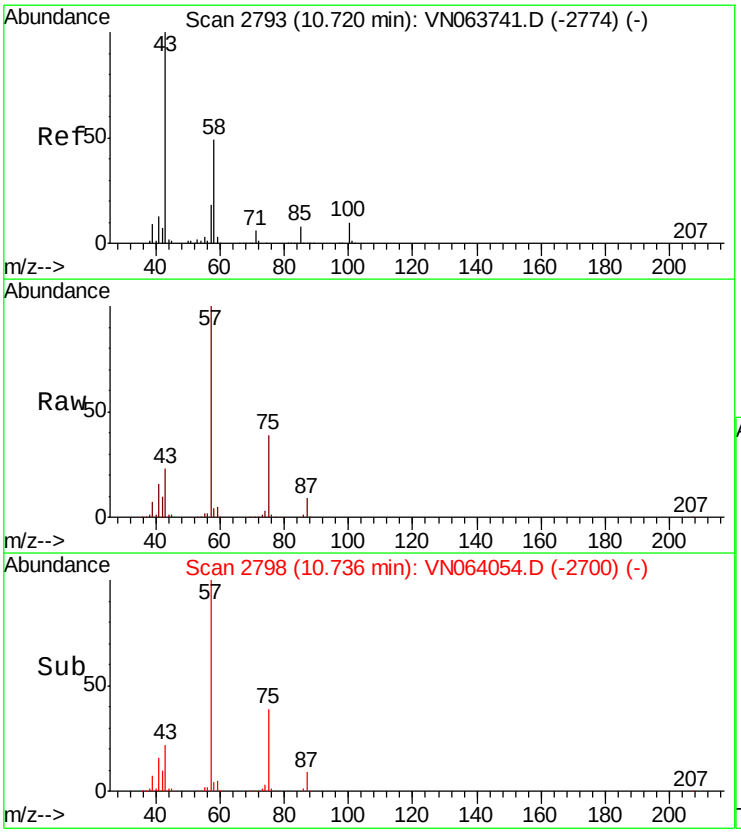
#57
1,3-Dichloropropane
Concen: 1.192 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB132229TB

Tgt Ion: 76 Resp: 5283

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#

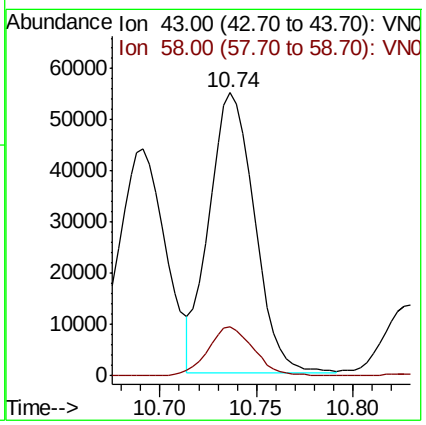


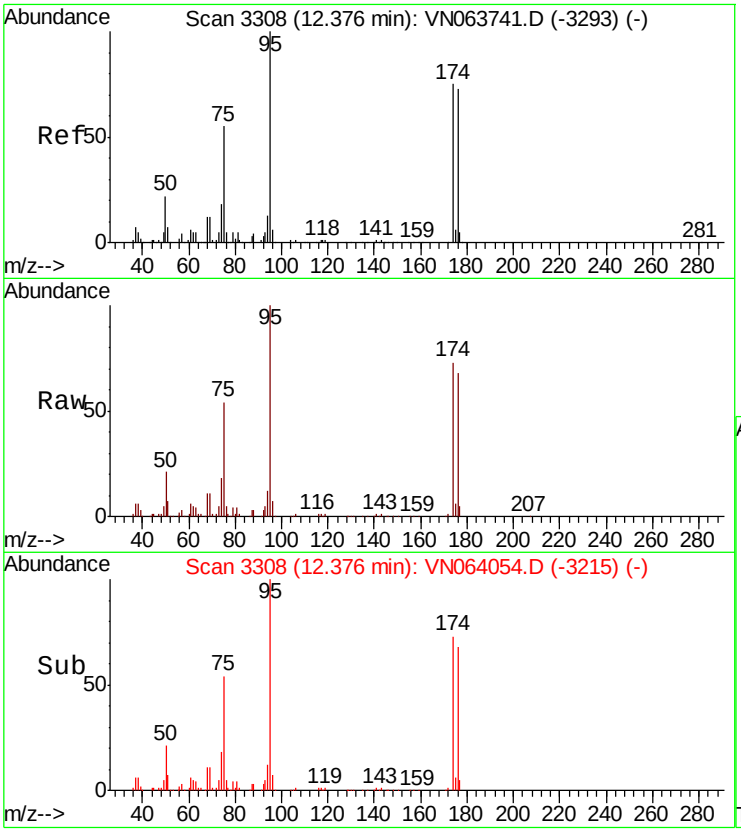


#59
2-Hexanone
Concen: 34.043 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 43 Resp: 89933

Ion	Ratio	Lower	Upper
43	100		
58	17.6	24.6	73.8#



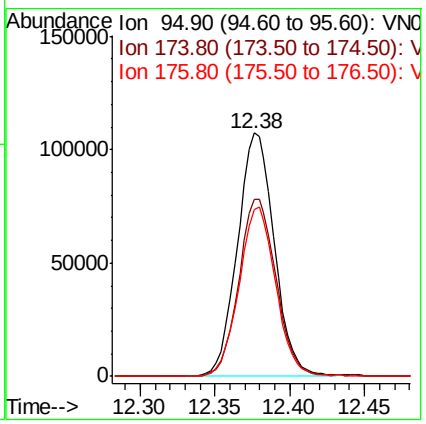


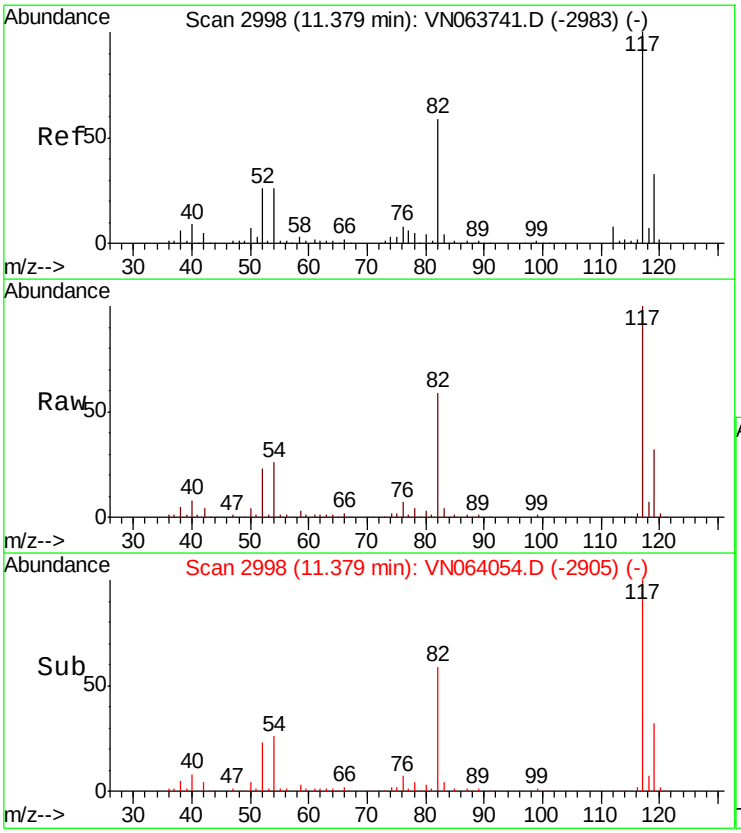
#62
4-Bromofluorobenzene
Concen: 50.970 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB132229TB

Tgt Ion: 95 Resp: 183960

Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	150.6
176	69.2	0.0	145.4

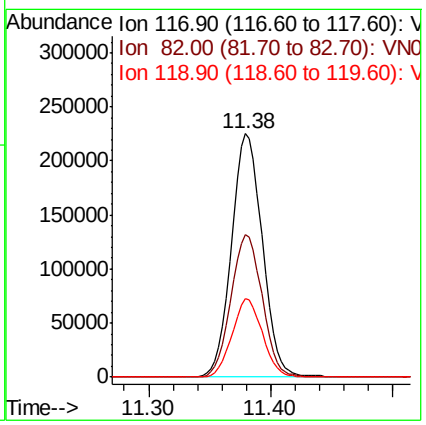


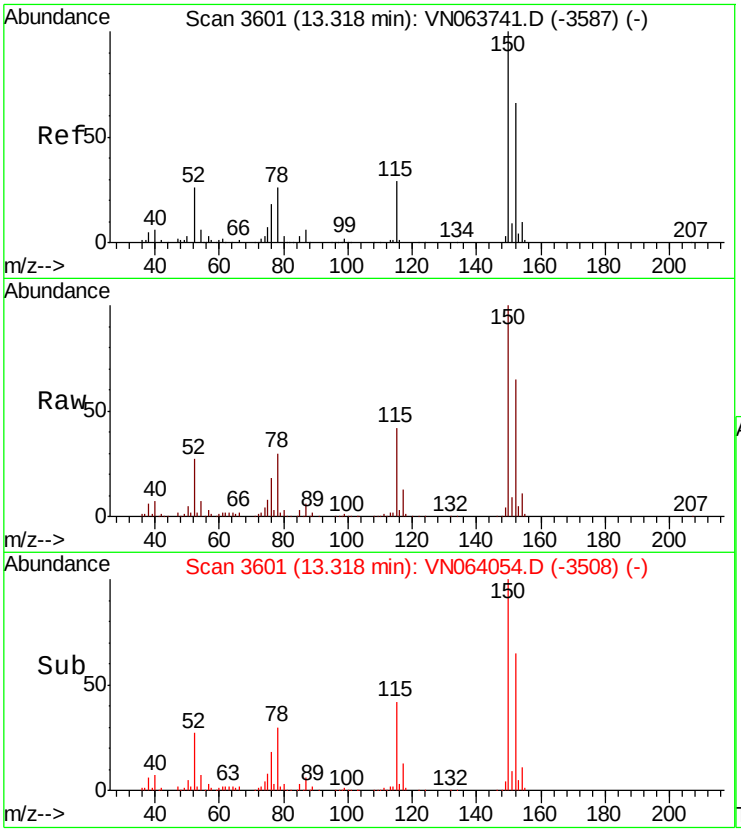


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion:117 Resp: 395137

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.4	71.2
119	32.1	26.4	39.6



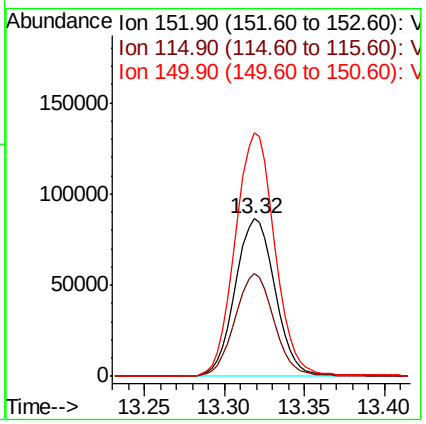


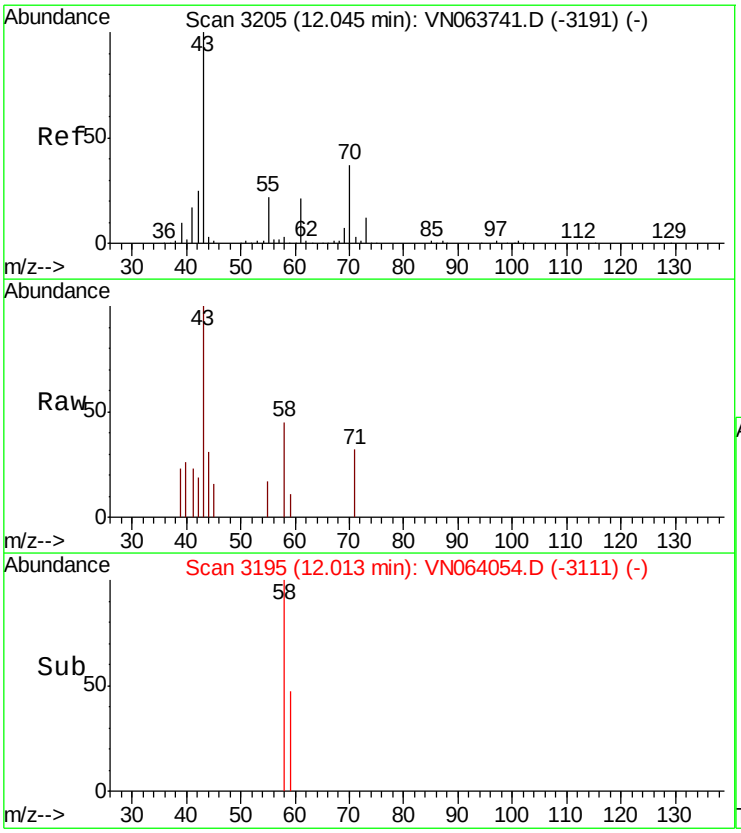
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument : MSVOA_N
ClientSampleId : PB132229TB

Tgt Ion:152 Resp: 147268

Ion	Ratio	Lower	Upper
152	100		
115	64.0	31.3	93.8
150	153.3	0.0	341.8

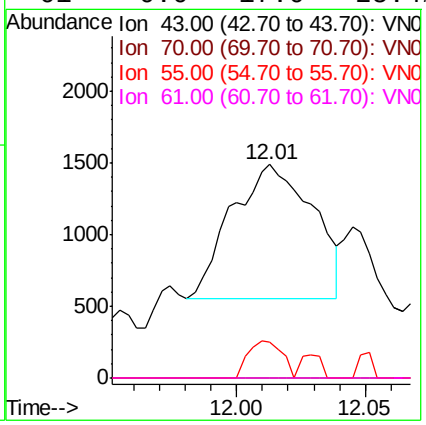


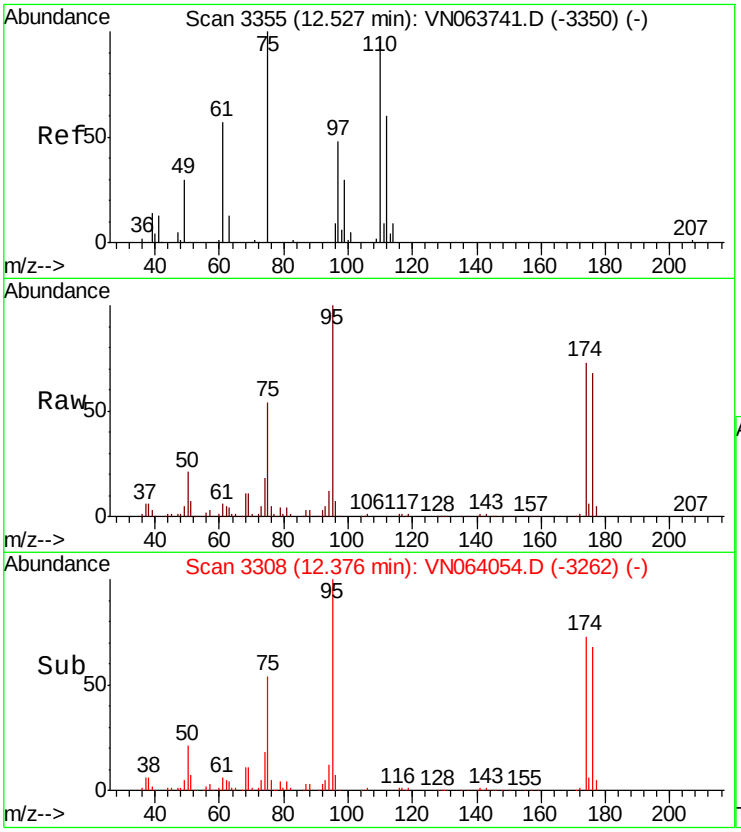


#74
N-amyl acetate
Concen: 2.612 ug/l
RT: 12.01 min Scan# 3195
Delta R.T. -0.03 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion: 43 Resp: 2070

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	11.3	17.9	26.9#
61	0.0	17.0	25.4#



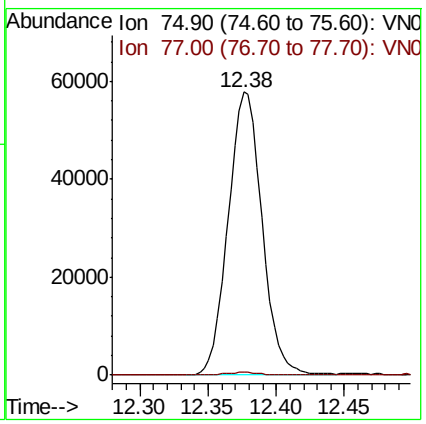


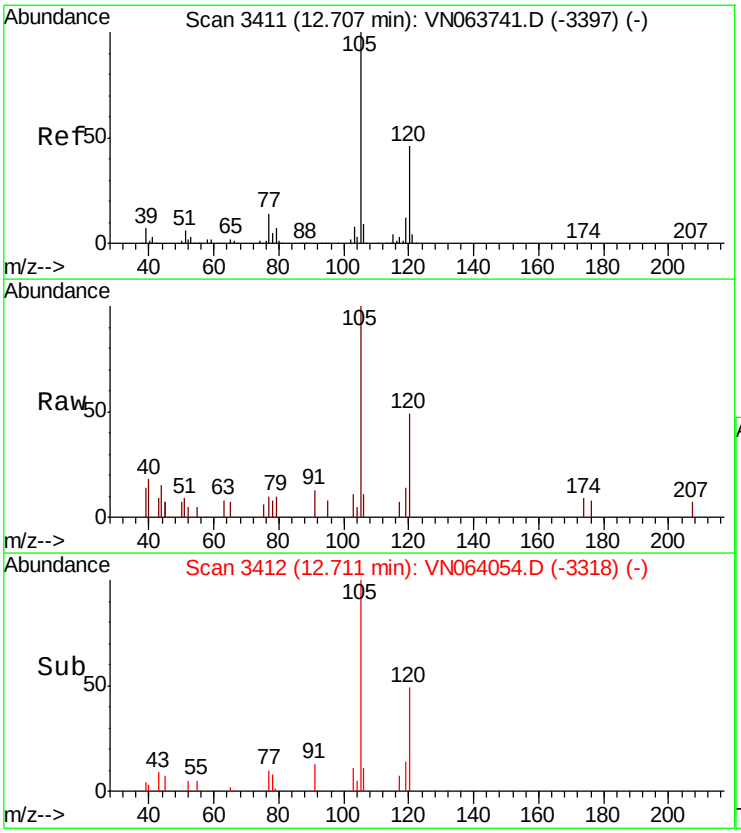
#76
1,2,3-Trichloropropane
Concen: 30.772 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument : MSVOA_N
ClientSampleId : PB132229TB

Tgt Ion: 75 Resp: 99897

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

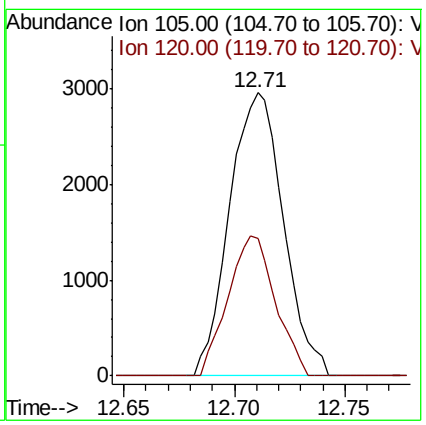


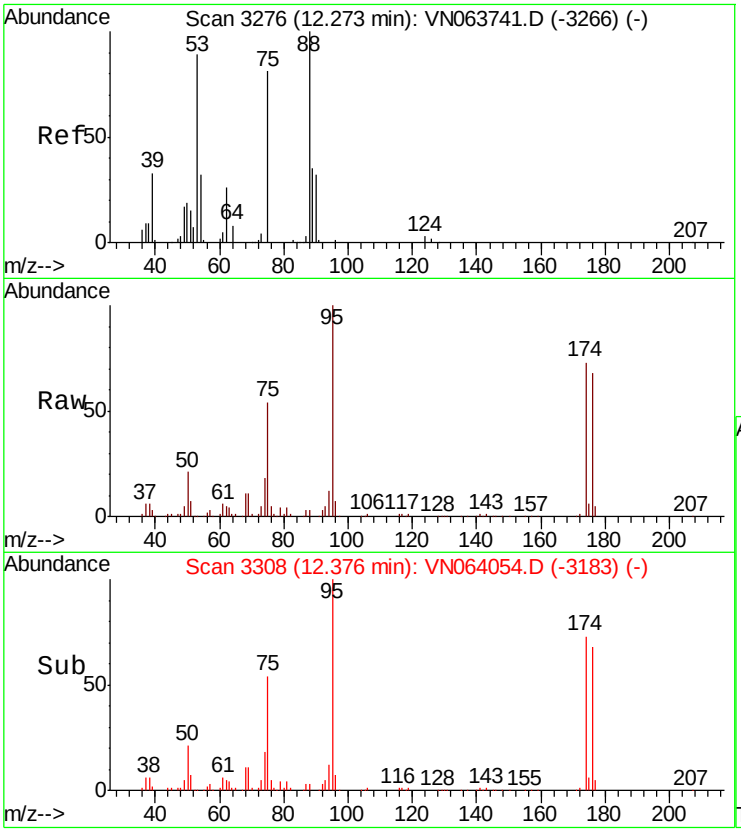


#80
1,3,5-Trimethylbenzene
Concen: 0.556 ug/l
RT: 12.71 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion:105 Resp: 5008

Ion	Ratio	Lower	Upper
105	100		
120	43.4	23.3	69.9



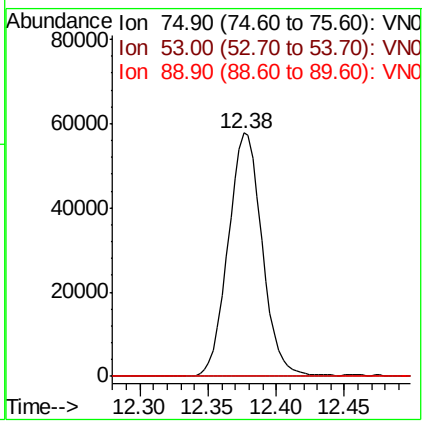


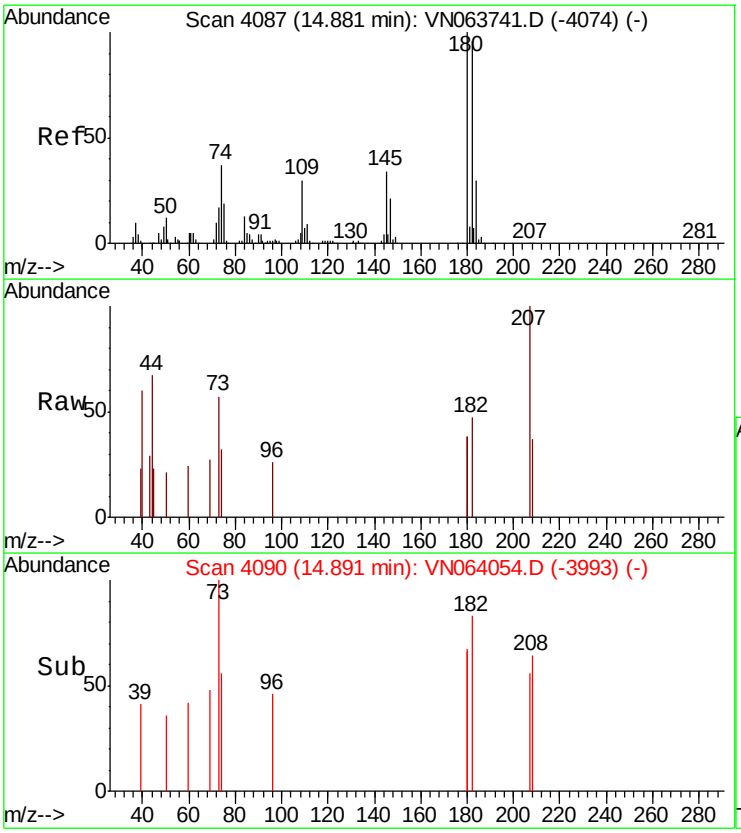
#81
trans-1,4-Dichloro-2-butene
Concen: 88.628 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB132229TB

Tgt Ion: 75 Resp: 99897

Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.2	132.2#
89	0.0	36.0	54.0#

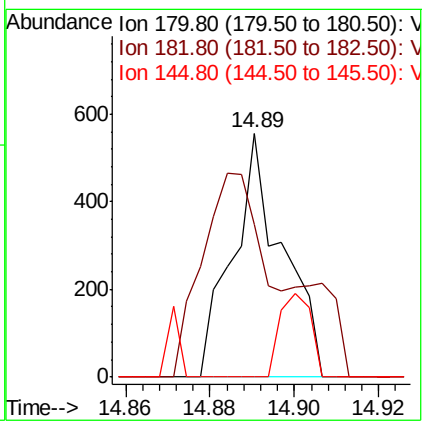


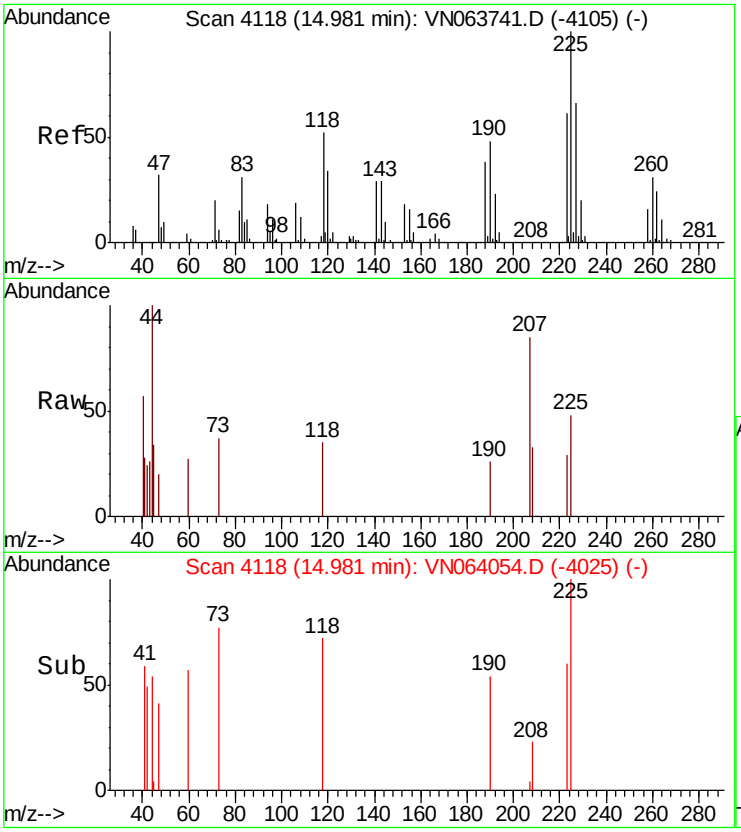


#93
1,2,4-Trichlorobenzene
Concen: 1.906 ug/l
RT: 14.89 min Scan# 4090
Delta R.T. 0.01 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion:180 Resp: 452

Ion	Ratio	Lower	Upper
180	100		
182	105.3	48.2	144.6
145	21.5	17.1	51.2



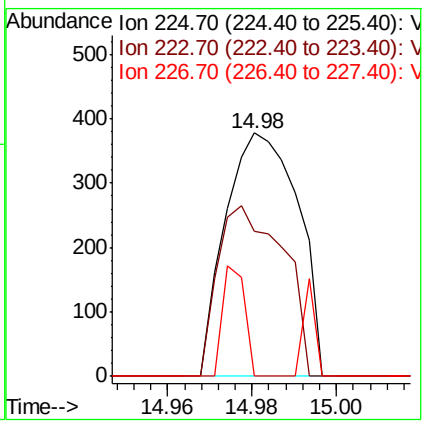


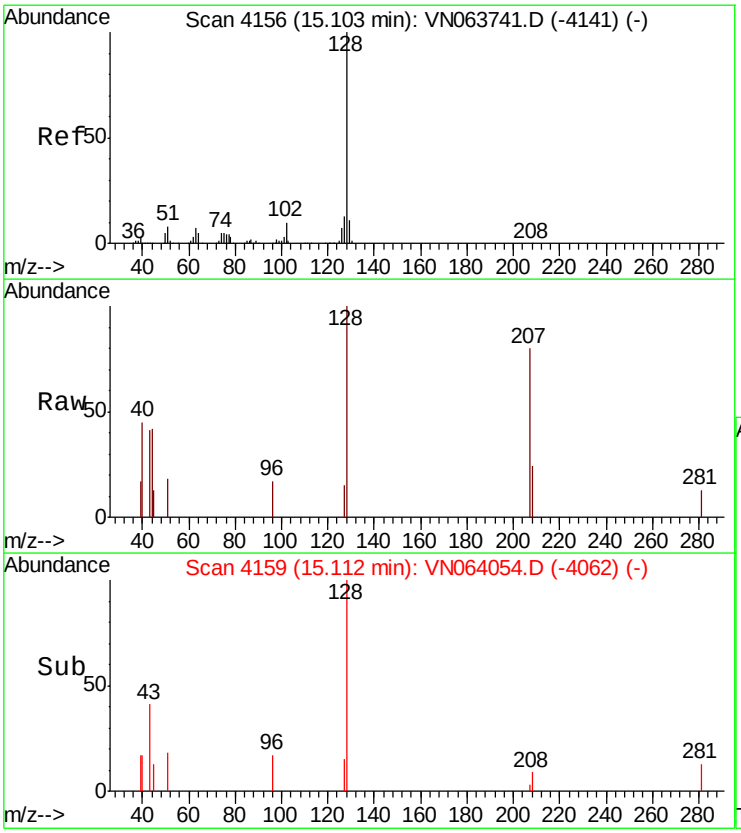
#94
Hexachlorobutadiene
Concen: 0.419 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB132229TB

Tgt Ion:225 Resp: 451

Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.3	91.0
227	14.0	31.9	95.5#

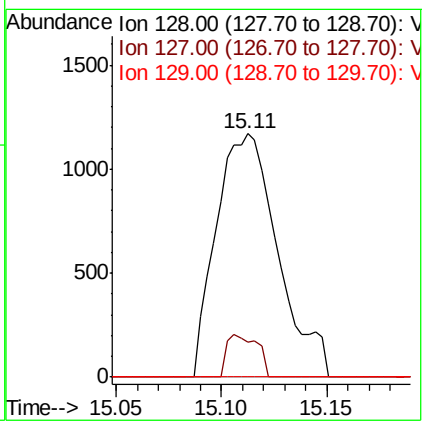


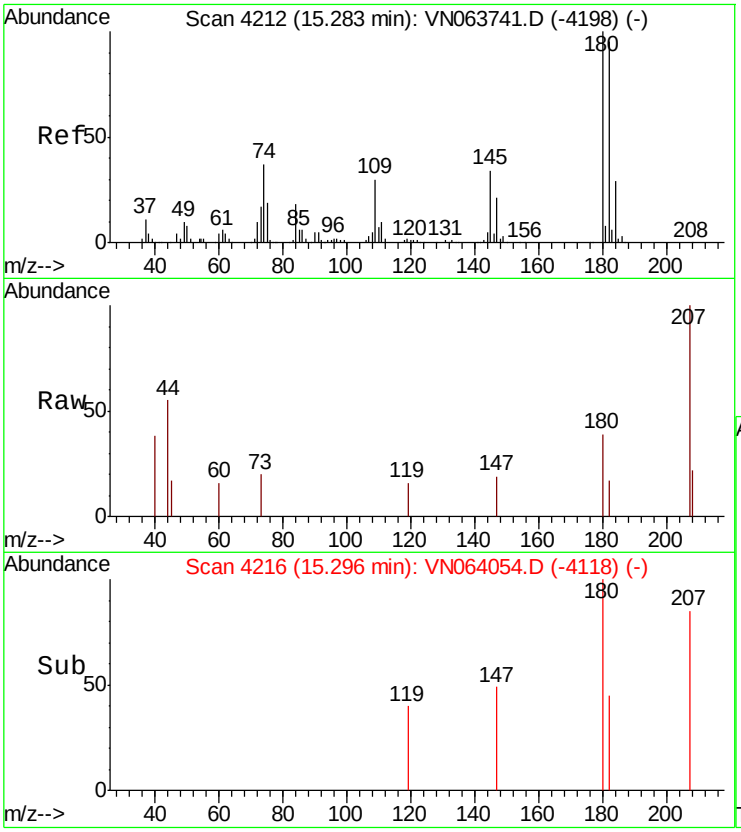


#95
Naphthalene
Concen: 2.212 ug/l
RT: 15.11 min Scan# 4159
Delta R.T. 0.01 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Tgt Ion:128 Resp: 2376

Ion	Ratio	Lower	Upper
128	100		
127	8.7	10.5	15.7#
129	0.0	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 1.844 ug/l
RT: 15.30 min Scan# 4216
Delta R.T. 0.01 min
Lab File: VN064054.D
Acq: 9 Oct 2020 23:13

Instrument :
MSVOA_N
ClientSampleId :
PB132229TB

Tgt Ion:180 Resp: 709

Ion	Ratio	Lower	Upper
180	100		
182	25.0	47.9	143.6#
145	0.0	17.2	51.5#