Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120820\
Data File : VN064963.D
Acq On : 8 Dec 2020 12:37
Operator : JC/MD
Sample : PB133456TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB133456TB

Quant Time: Dec 09 06:51:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	174581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	307426	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	332463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139991	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	106820	52.63	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.26%			
35) Dibromofluoromethane	7.55	113	98821	53.72	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.44%			
50) Toluene-d8	10.06	98	403224	53.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.30%			
62) 4-Bromofluorobenzene	12.37	95	151805	56.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 112.88%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.76	59	209	0.660	ug/l #	73
13) Acrolein	3.57	56	102	0.528	ug/l #	14
16) Acetone	3.78	43	6114	9.164	ug/l	99
17) Carbon Disulfide	4.01	76	866	0.203	ug/l #	75
20) Methylene Chloride	4.50	84	16659	7.968	ug/l	97
25) 2-Butanone	6.79	43	5110	4.725	ug/l	97
29) Tetrahydrofuran	7.17	42	617	0.826	ug/l #	36
31) Cyclohexane	7.62	56	2881	1.018	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	12703	4.458	ug/l #	49
38) Carbon Tetrachloride	7.62	117	15872	5.353	ug/l #	16
41) Methacrylonitrile	7.18	41	392	0.310	ug/l #	13
43) Isopropyl Acetate	8.13	43	17846	4.040	ug/l	98
45) 1,2-Dichloropropane	9.23	63	1172	0.518	ug/l #	43
48) Methyl methacrylate	9.14	41	4179	1.980	ug/l #	12
51) 4-Methyl-2-Pentanone	9.96	43	3563	1.344	ug/l	98
54) cis-1,3-Dichloropropene	9.87	75	27532	7.587	ug/l #	64
57) 1,3-Dichloropropane	10.73	76	15079	4.134	ug/l #	42
59) 2-Hexanone	10.73	43	200629	105.133	ug/l #	50
71) Bromoform	12.38	173	962	0.459	ug/l #	1
74) N-amyl acetate	12.00	43	1010	0.264	ug/l #	42
76) 1,2,3-Trichloropropane	12.37	75	71717	23.788	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	71717	65.198	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.88	180	696	0.246	ug/l #	68
94) Hexachlorobutadiene	14.98	225	296	0.603	ug/l #	54
95) Naphthalene	15.11	128	2295	0.270	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.29	180	652	1.627	ug/l #	55

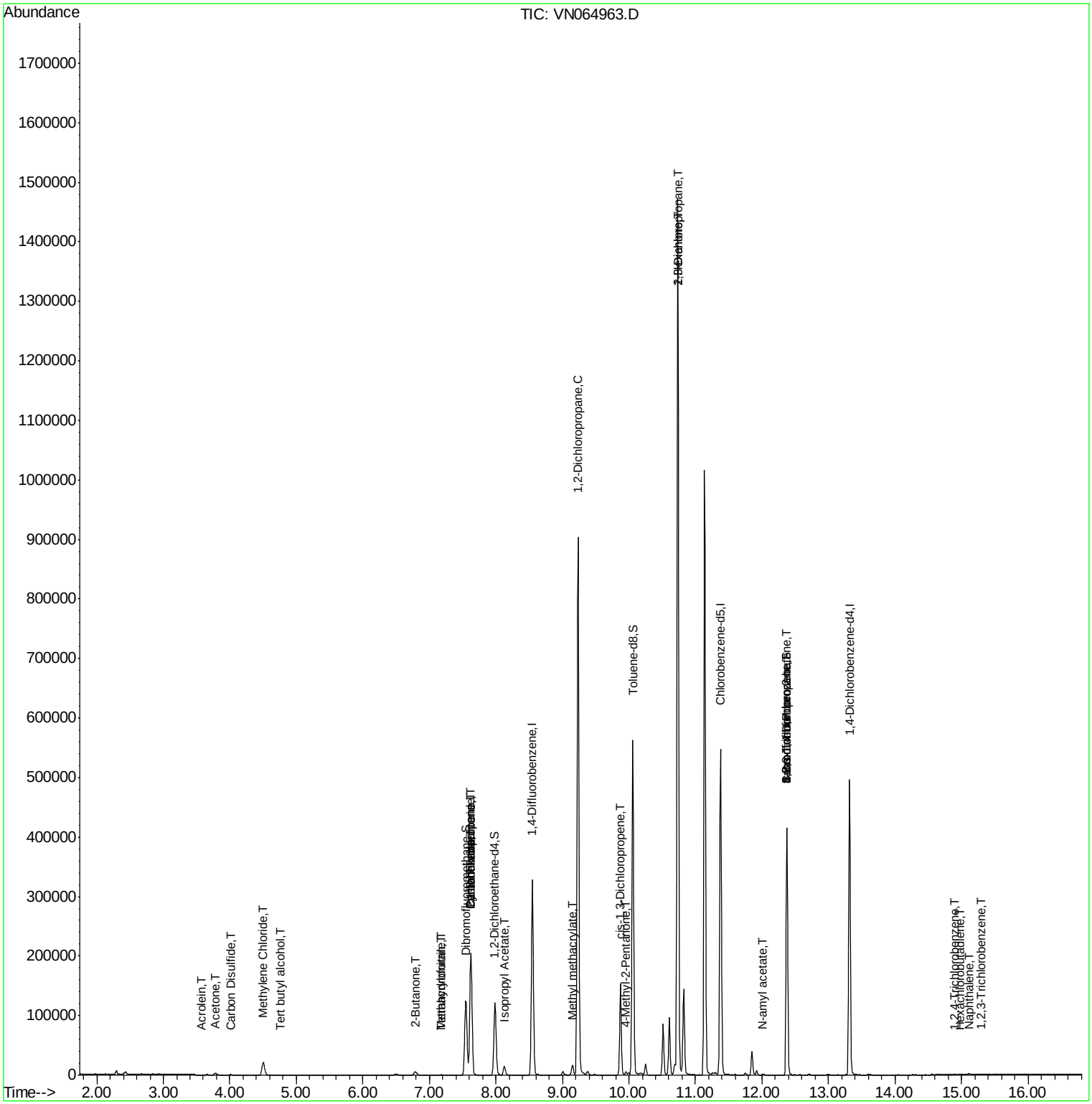
(#) = qualifier out of range (m) = manual integration (+) = signals summed

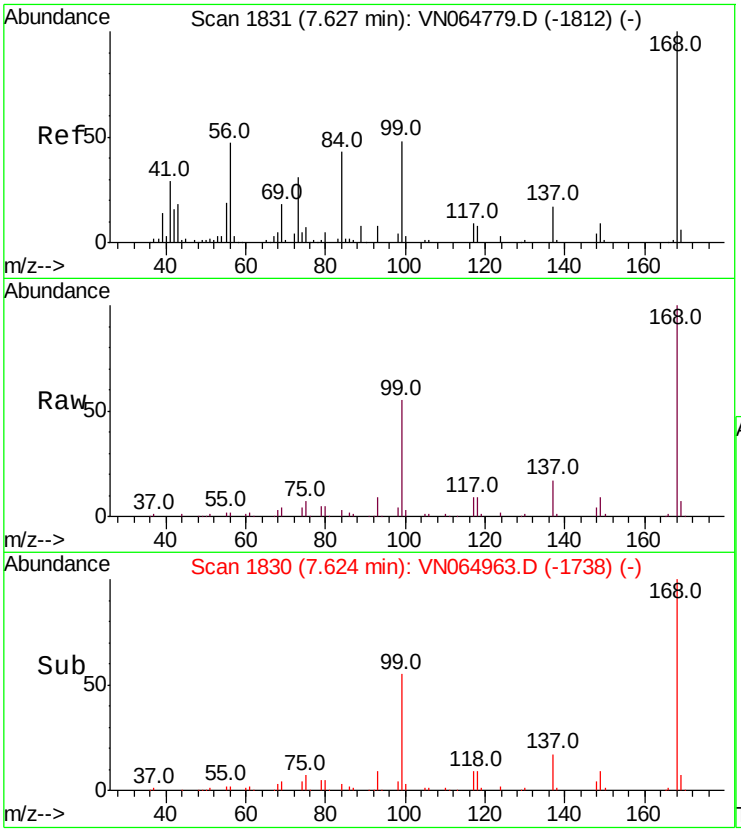
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120820\
Data File : VN064963.D
Acq On : 8 Dec 2020 12:37
Operator : JC/MD
Sample : PB133456TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Quant Time: Dec 09 06:51:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration



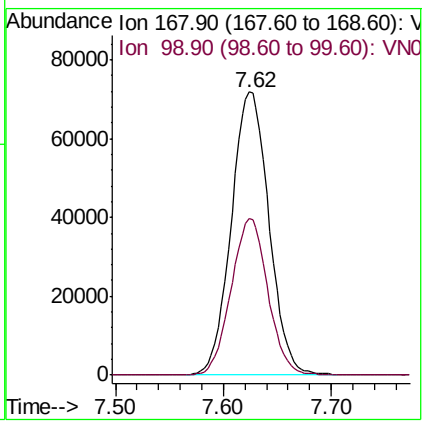


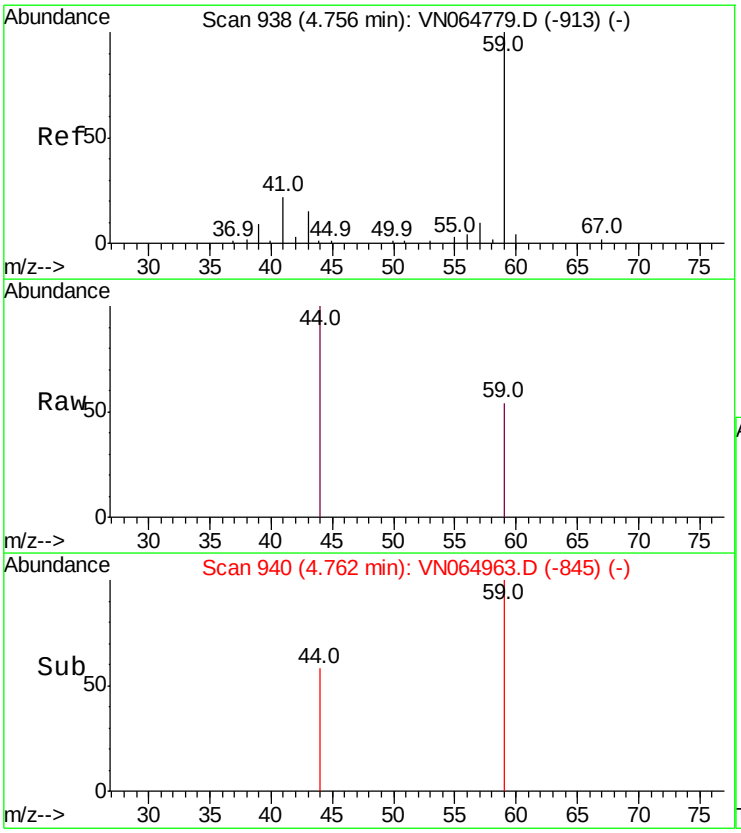
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Tgt Ion:168 Resp: 174581

Ion	Ratio	Lower	Upper
168	100		
99	55.3	43.0	64.4

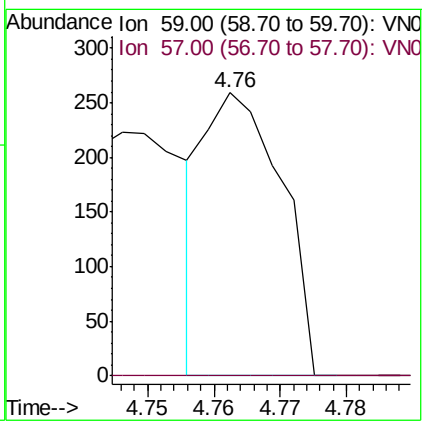


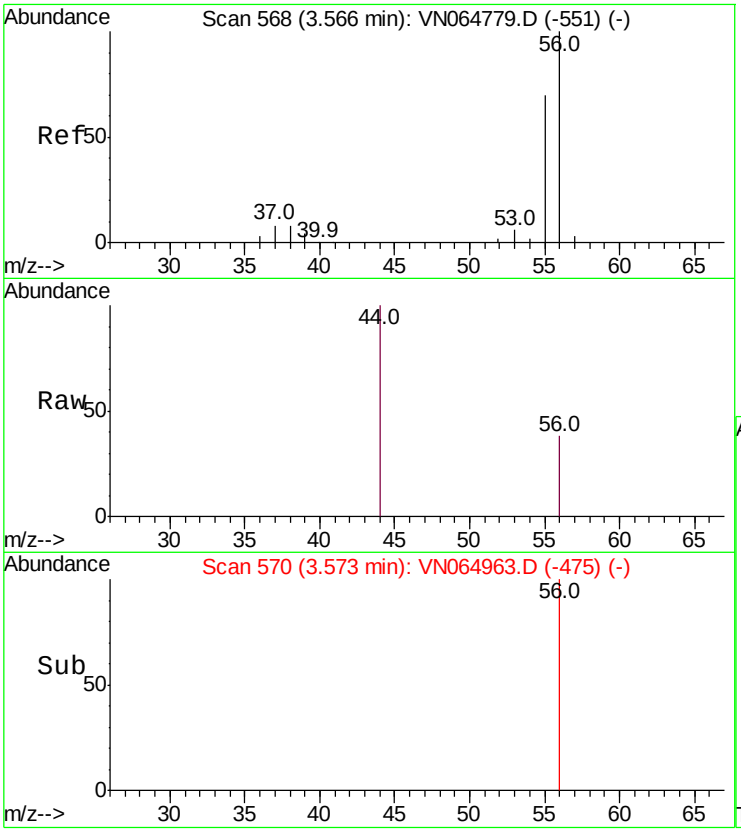


#11
Tert butyl alcohol
Concen: 0.660 ug/l
RT: 4.76 min Scan# 940
Delta R.T. 0.01 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 59 Resp: 209

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.9	11.9#



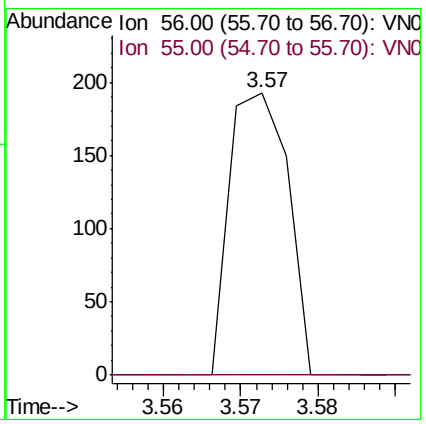


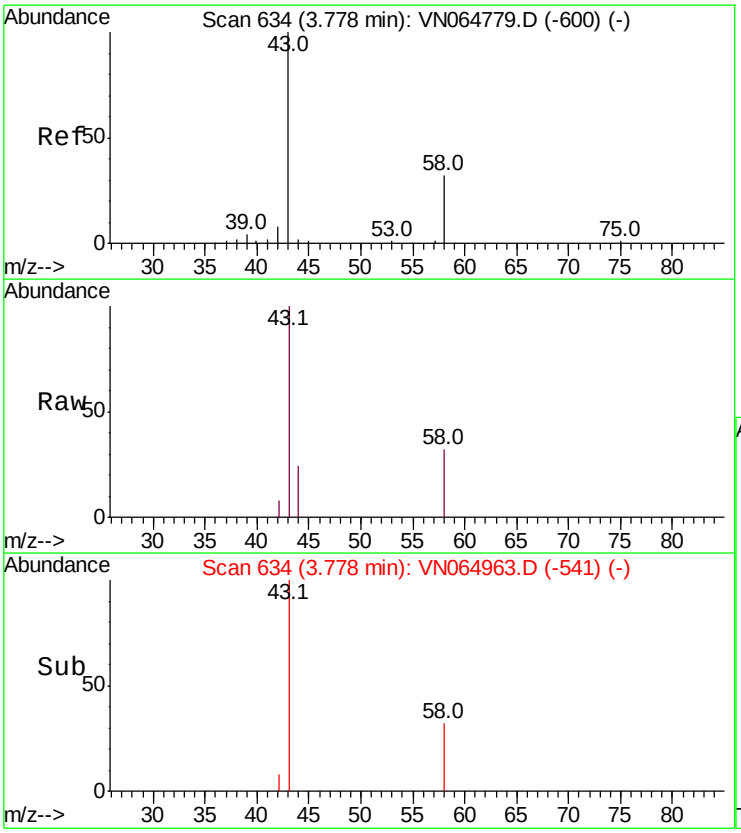
#13
Acrolein
Concen: 0.528 ug/l
RT: 3.57 min Scan# 570
Delta R.T. 0.01 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Tgt Ion: 56 Resp: 102

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.5	84.7#

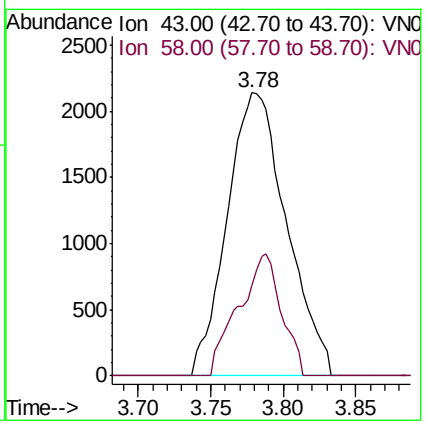


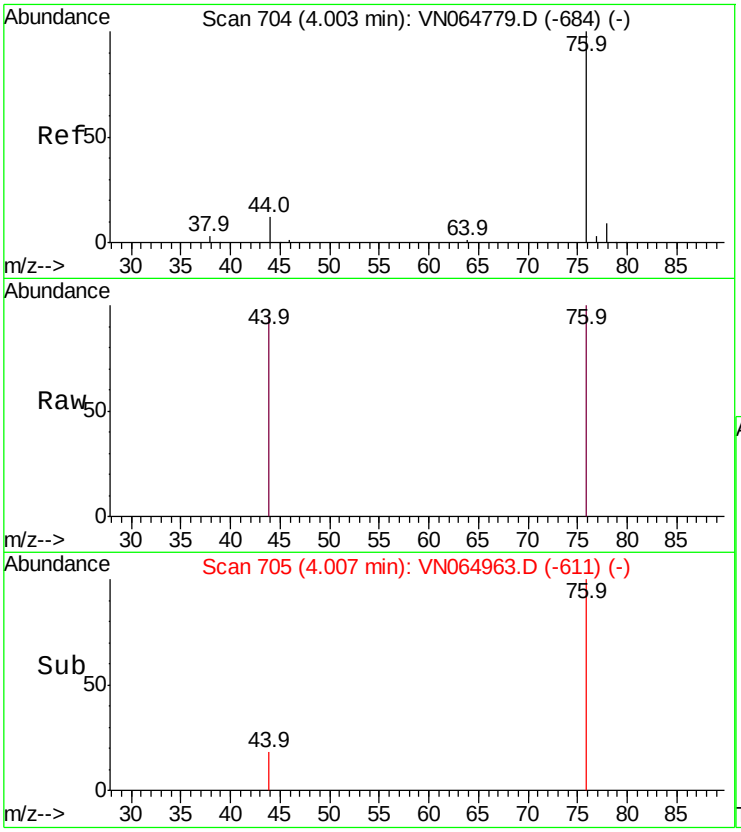


#16
Acetone
Concen: 9.164 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 43 Resp: 6114

Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.7	38.5



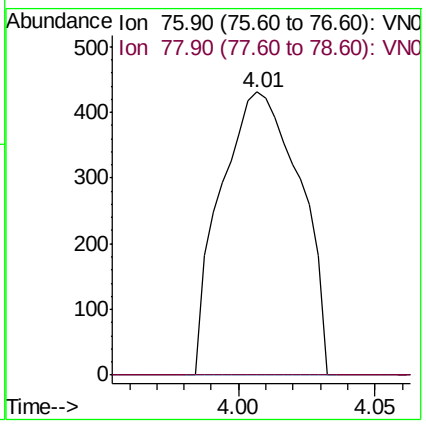


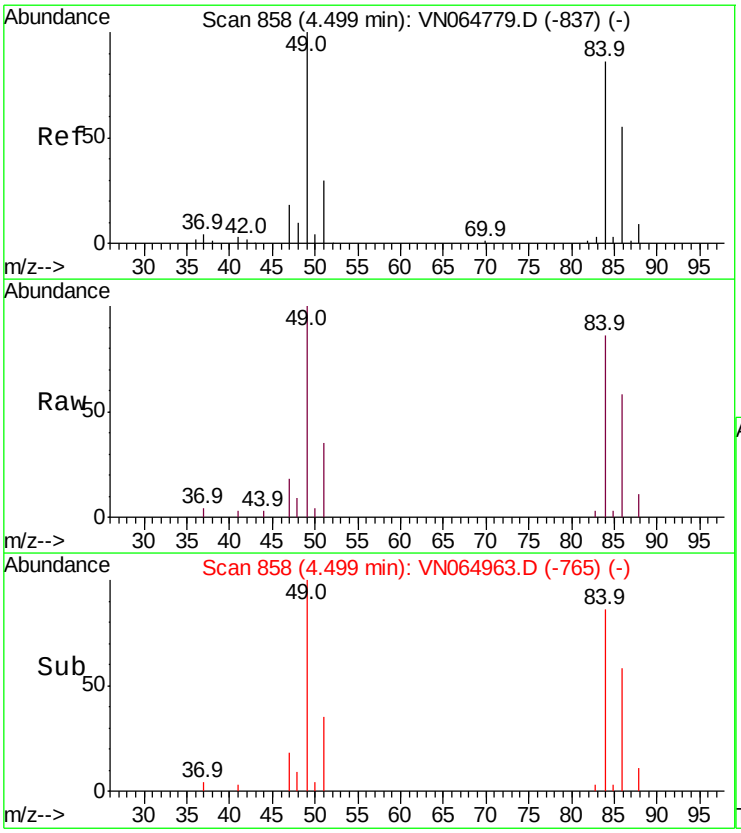
#17
Carbon Disulfide
Concen: 0.203 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument : MSVOA_N
ClientSampleId : PB133456TB

Tgt Ion: 76 Resp: 866

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

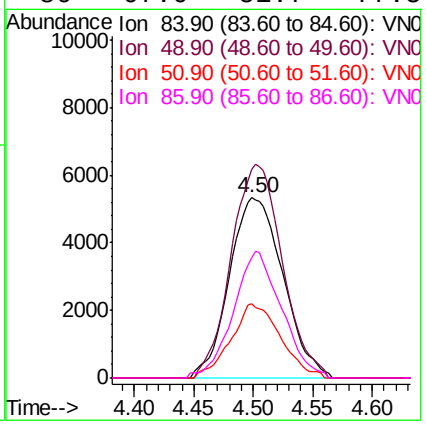


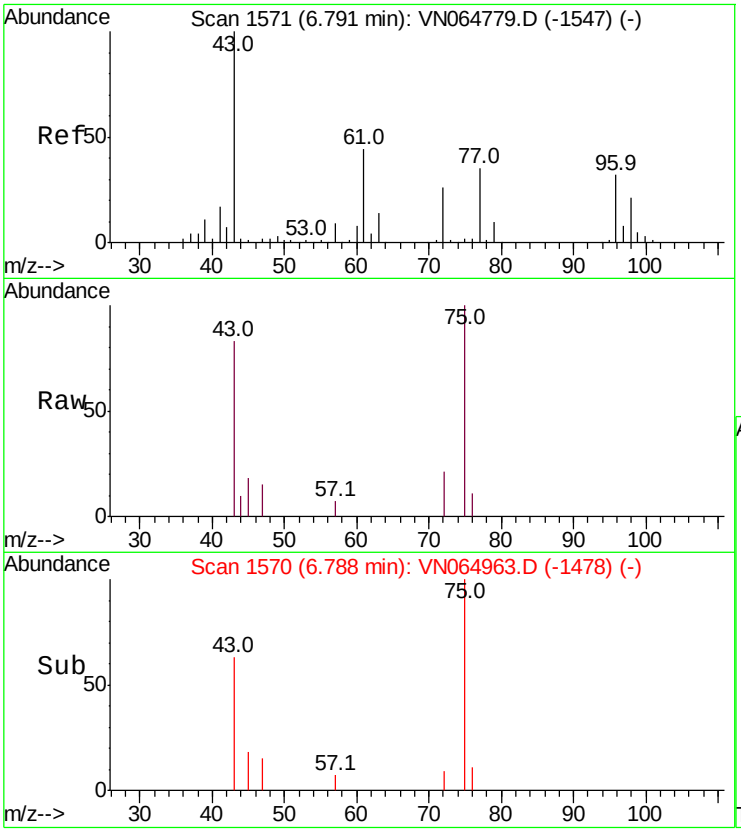


#20
Methylene Chloride
Concen: 7.968 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 84 Resp: 16659

Ion	Ratio	Lower	Upper
84	100		
49	115.9	93.4	140.0
51	40.9	28.2	42.4
86	67.0	51.7	77.5



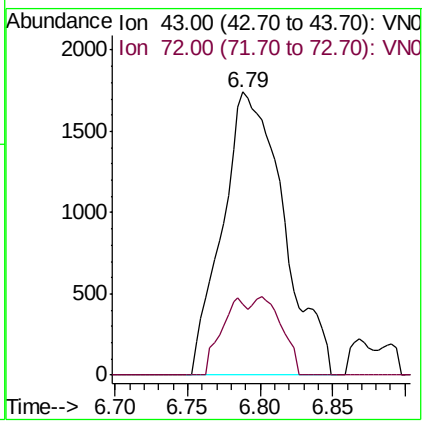


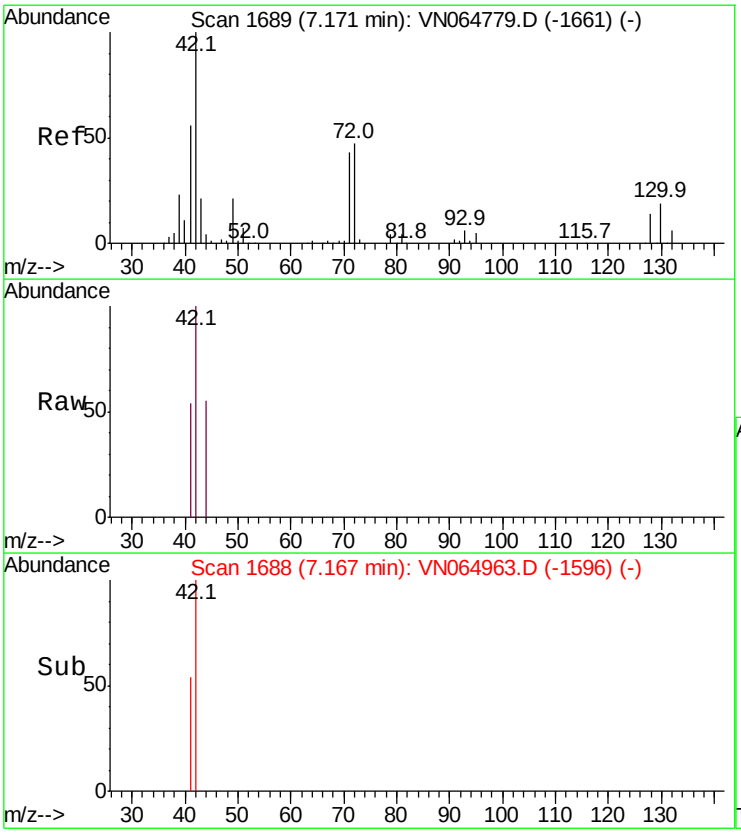
#25
2-Butanone
Concen: 4.725 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Tgt Ion: 43 Resp: 5110

Ion	Ratio	Lower	Upper
43	100		
72	24.9	21.0	31.6

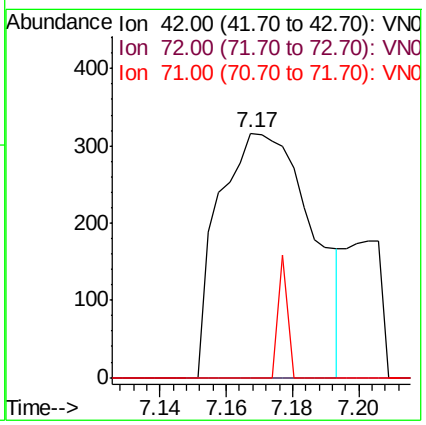


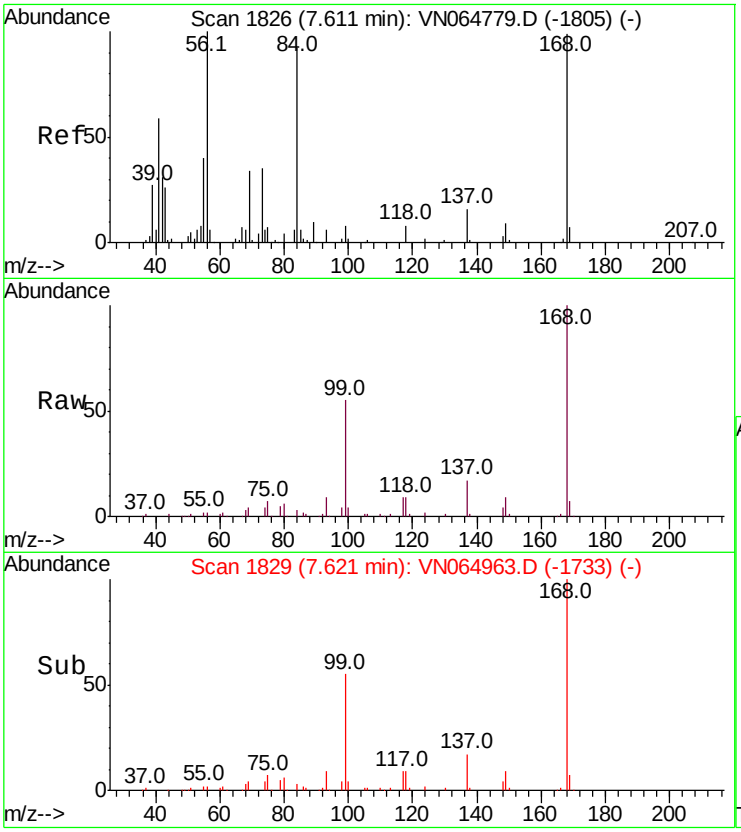


#29
Tetrahydrofuran
Concen: 0.826 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 42 Resp: 617

Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.6	54.8#
71	5.0	33.6	50.4#



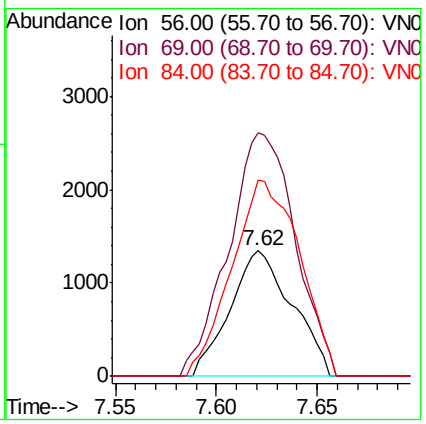


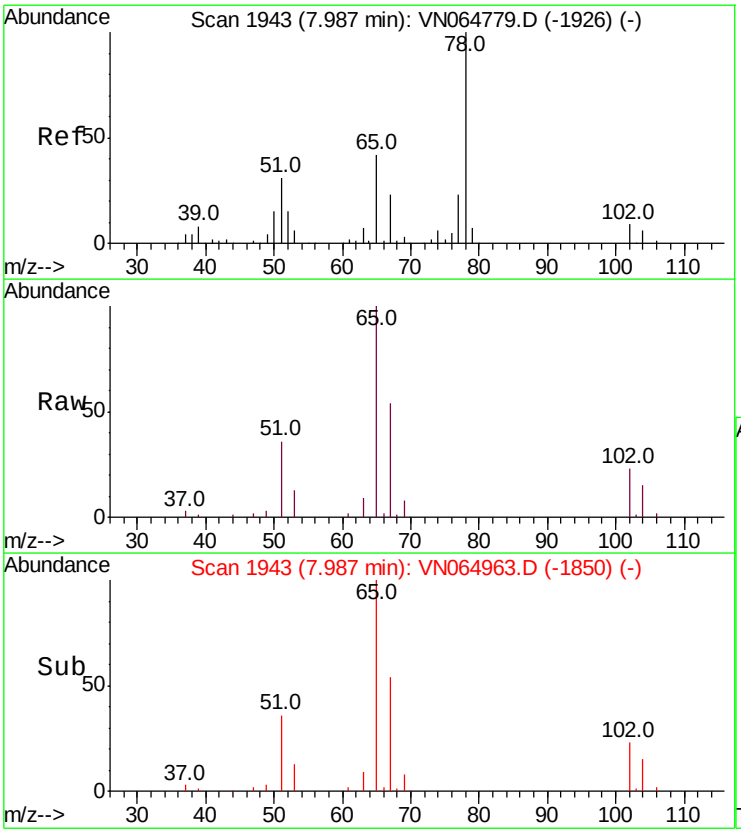
#31
Cyclohexane
Concen: 1.018 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument : MSVOA_N
ClientSampleId : PB133456TB

Tgt Ion: 56 Resp: 2881

Ion	Ratio	Lower	Upper
56	100		
69	194.4	27.5	41.3#
84	156.7	73.9	110.9#

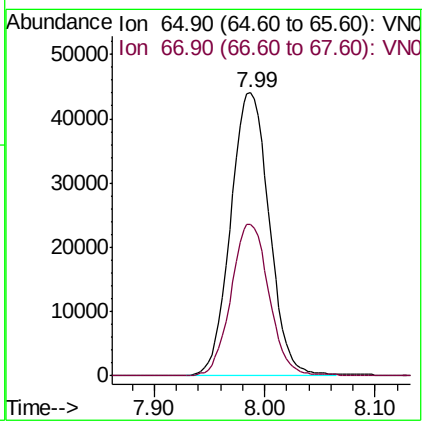


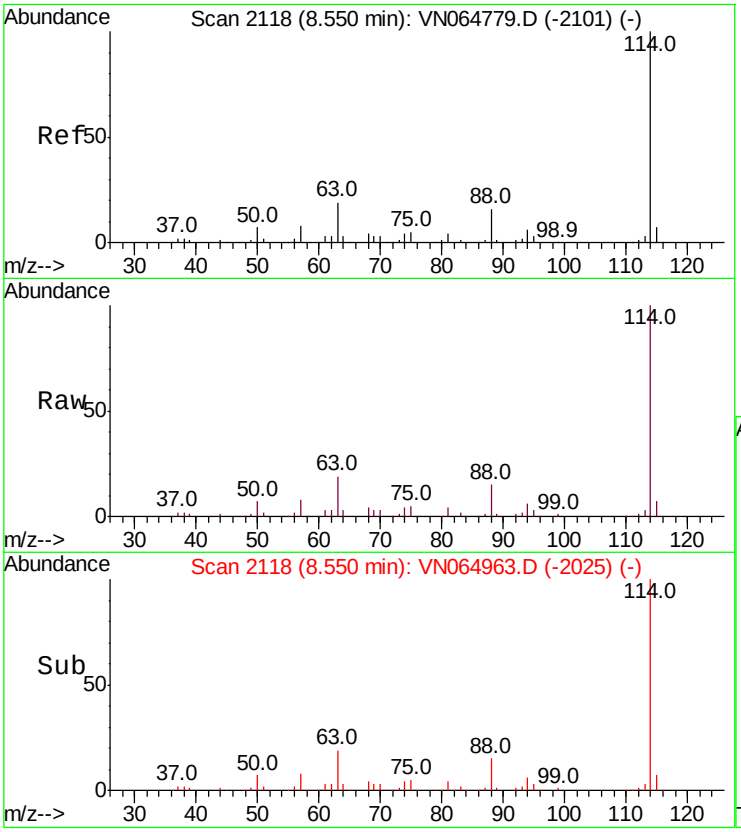


#33
1,2-Dichloroethane-d4
Concen: 52.631 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 65 Resp: 106820

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	108.2



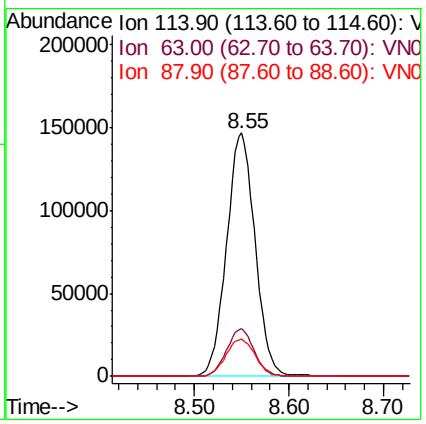


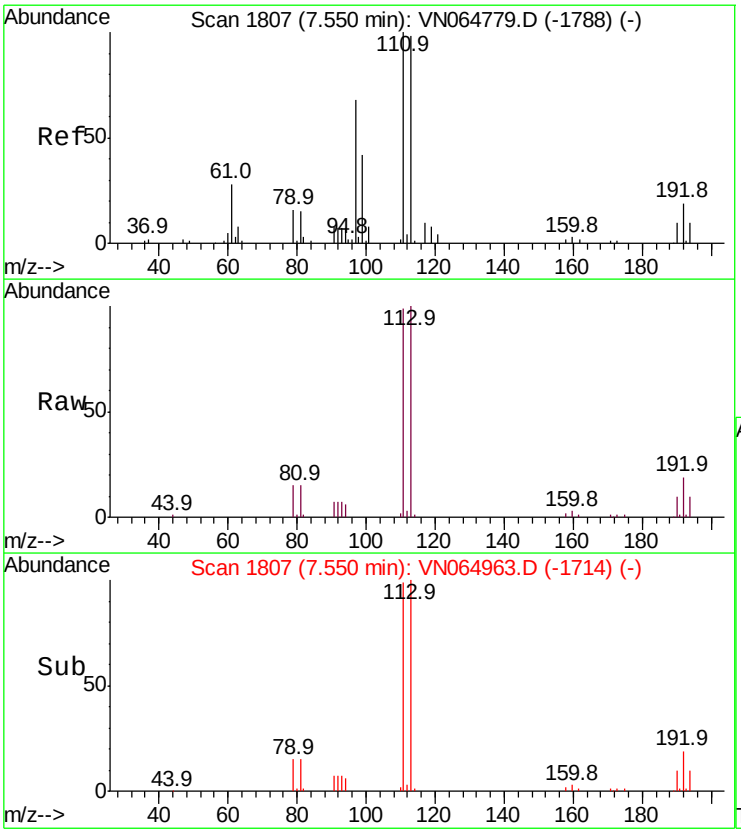
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Tgt Ion:114 Resp: 307426

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.2	0.0	32.6

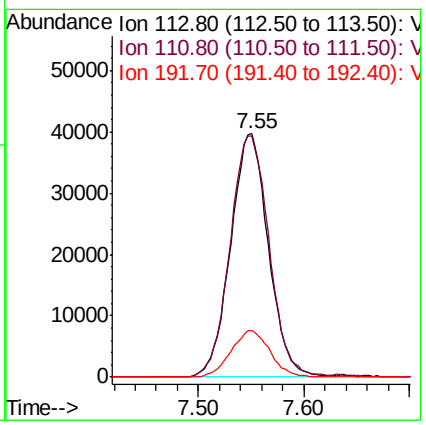


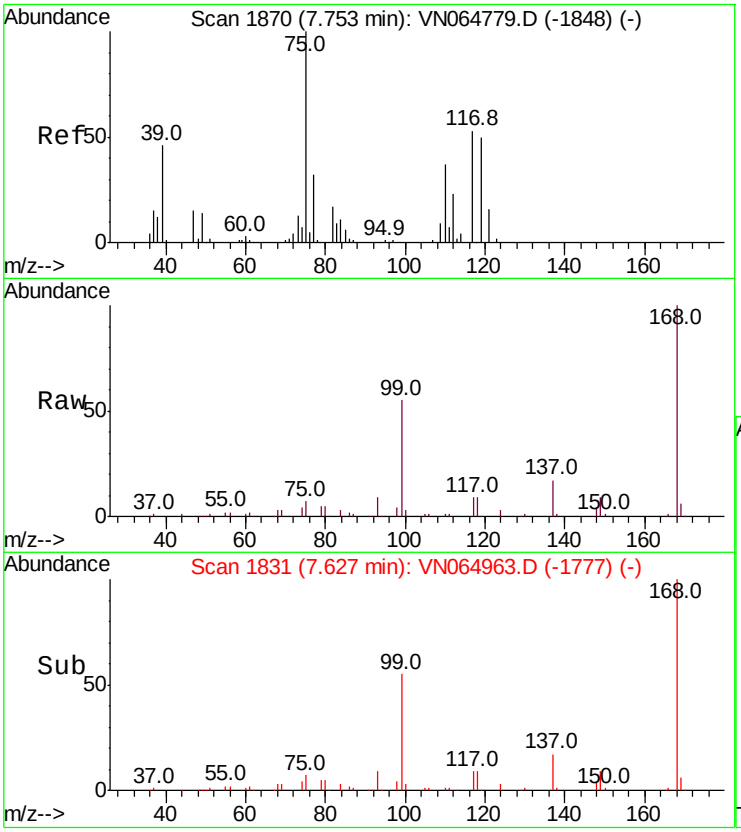


#35
Dibromofluoromethane
Concen: 53.721 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion:113 Resp: 98821

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.6	122.4
192	19.5	16.2	24.2



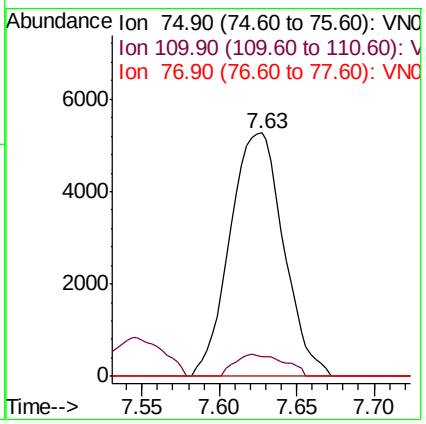


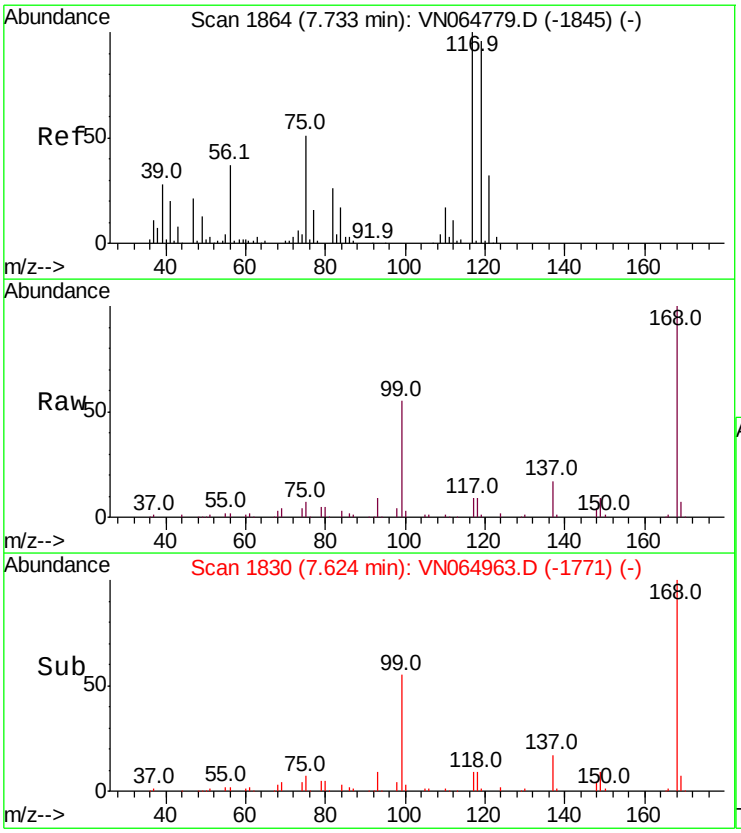
#36
1,1-Dichloropropene
Concen: 4.458 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Tgt Ion: 75 Resp: 12703

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.8	53.3#
77	0.0	25.0	37.4#

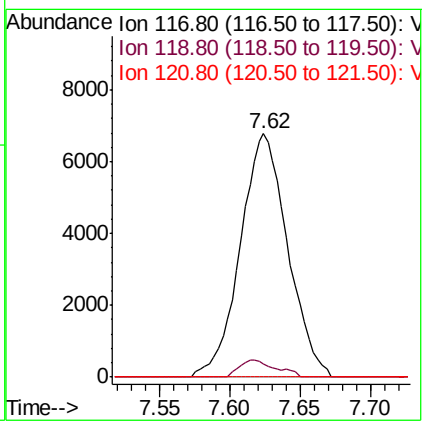


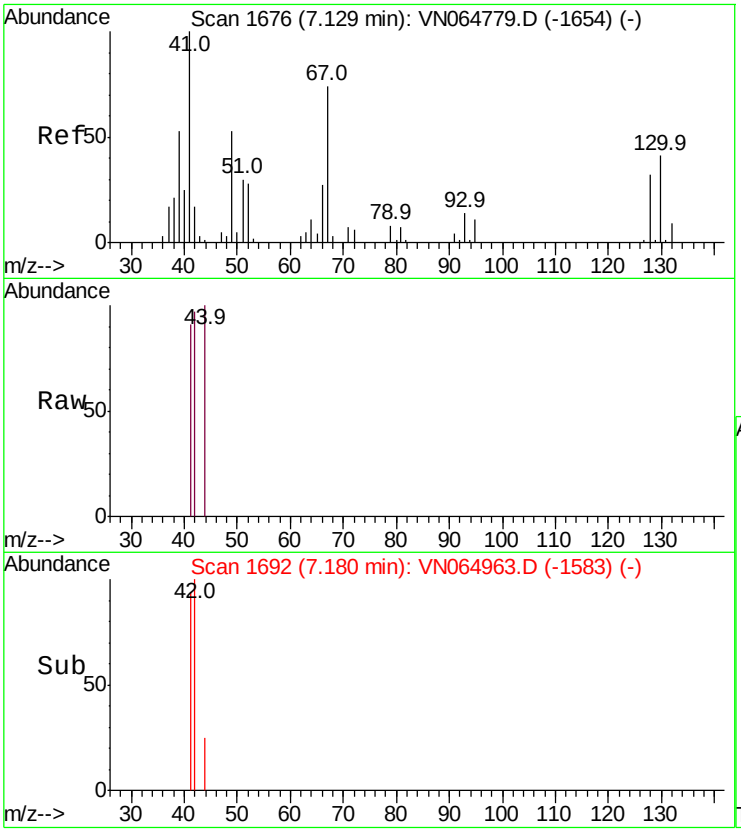


#38
Carbon Tetrachloride
Concen: 5.353 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion:117 Resp: 15872

Ion	Ratio	Lower	Upper
117	100		
119	5.6	76.7	115.1#
121	0.0	25.4	38.2#



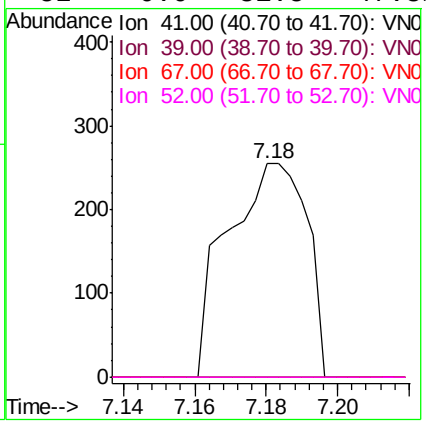


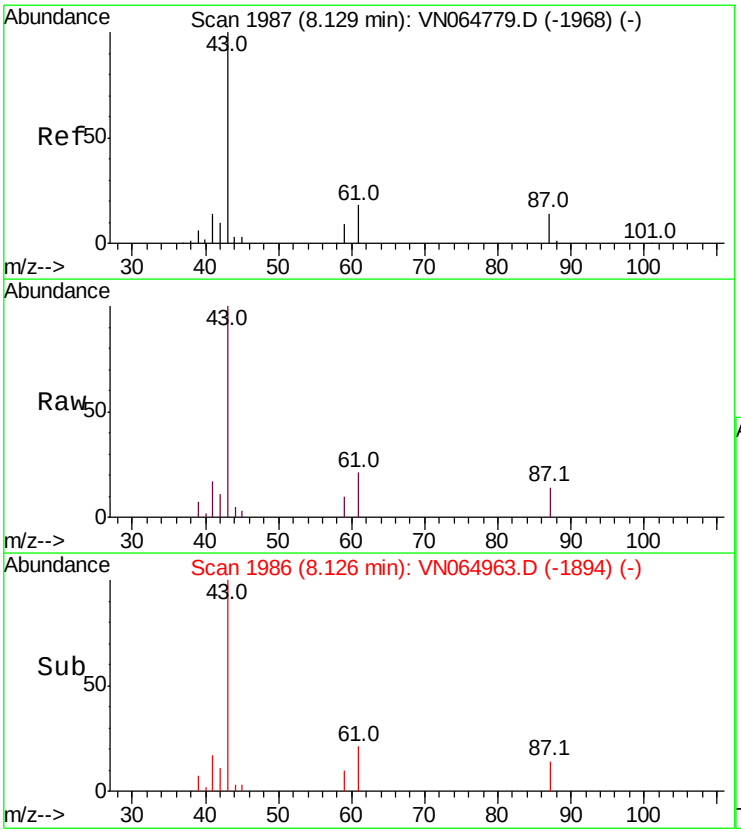
#41
Methacrylonitrile
Concen: 0.310 ug/l
RT: 7.18 min Scan# 1692
Delta R.T. 0.05 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument : MSVOA_N
ClientSampleId : PB133456TB

Tgt Ion: 41 Resp: 392

Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.0	76.6#
67	0.0	79.8	119.8#
52	0.0	31.5	47.3#

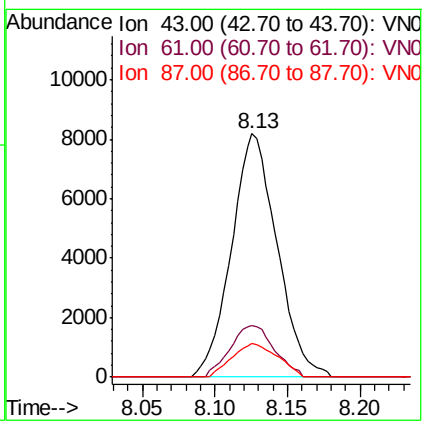


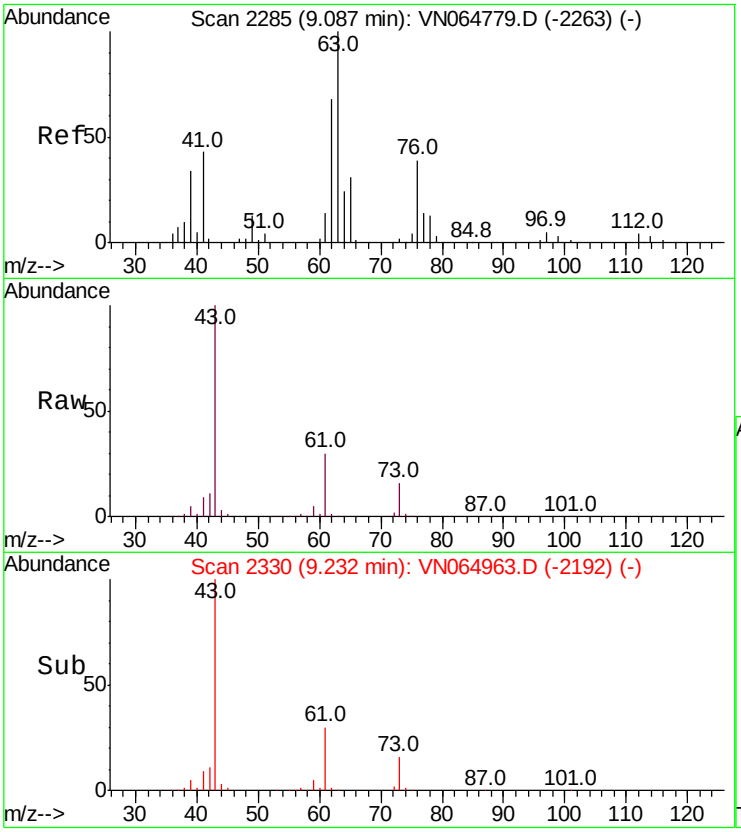


#43
Isopropyl Acetate
Concen: 4.040 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 43 Resp: 17846

Ion	Ratio	Lower	Upper
43	100		
61	20.5	17.2	25.8
87	13.8	11.4	17.0



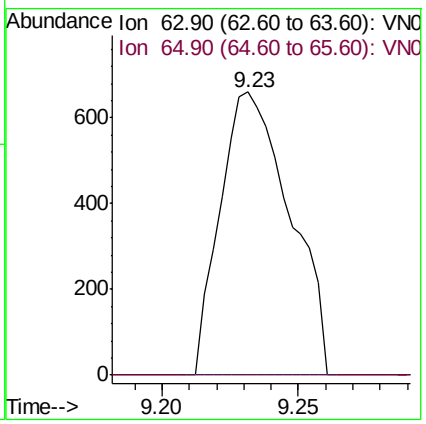


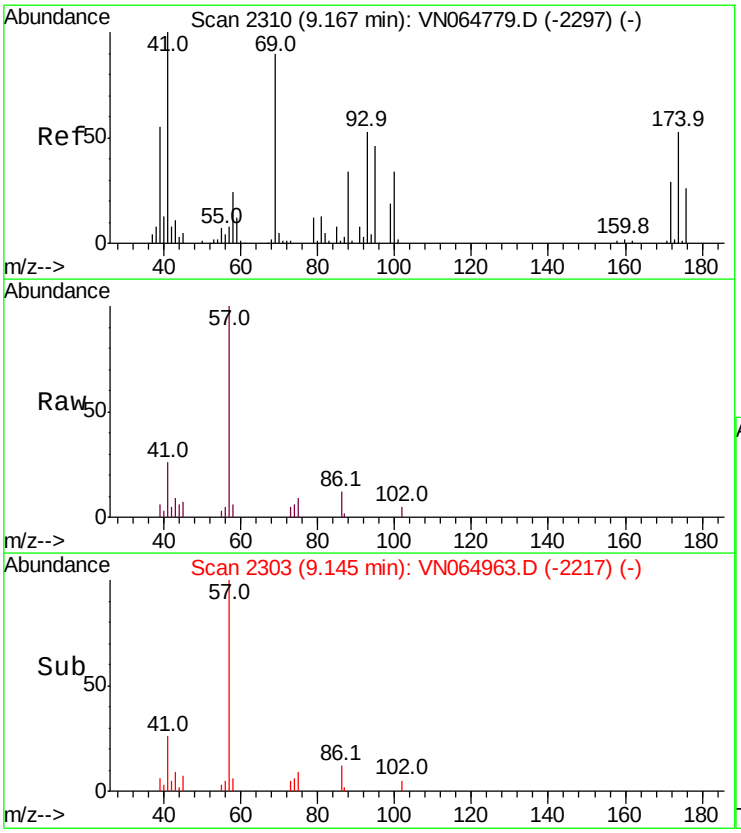
#45
1,2-Dichloropropane
Concen: 0.518 ug/l
RT: 9.23 min Scan# 2330
Delta R.T. 0.14 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument : MSVOA_N
ClientSampleId : PB133456TB

Tgt Ion: 63 Resp: 1172

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

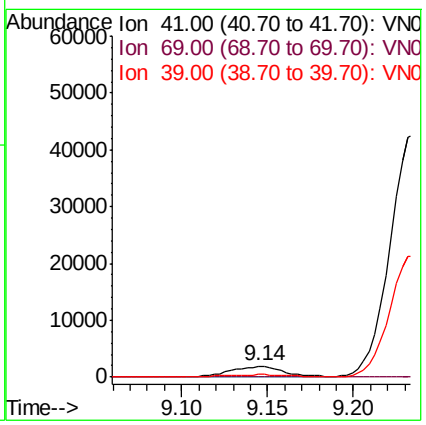


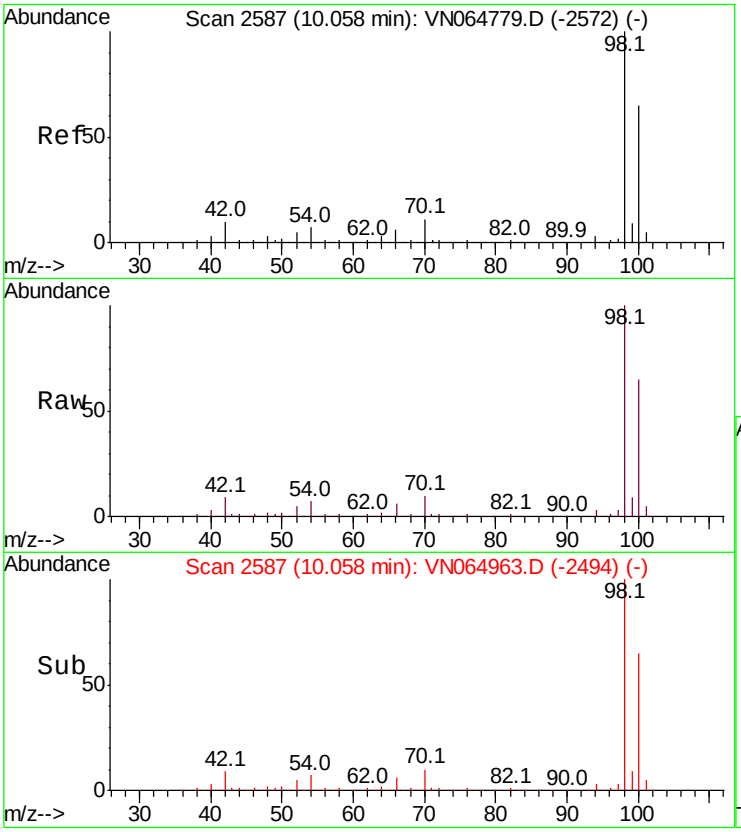


#48
Methyl methacrylate
Concen: 1.980 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 41 Resp: 4179

Ion	Ratio	Lower	Upper
41	100		
69	0.0	71.8	107.8#
39	0.0	44.1	66.1#



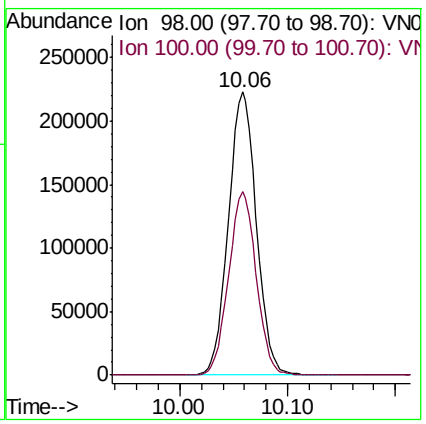


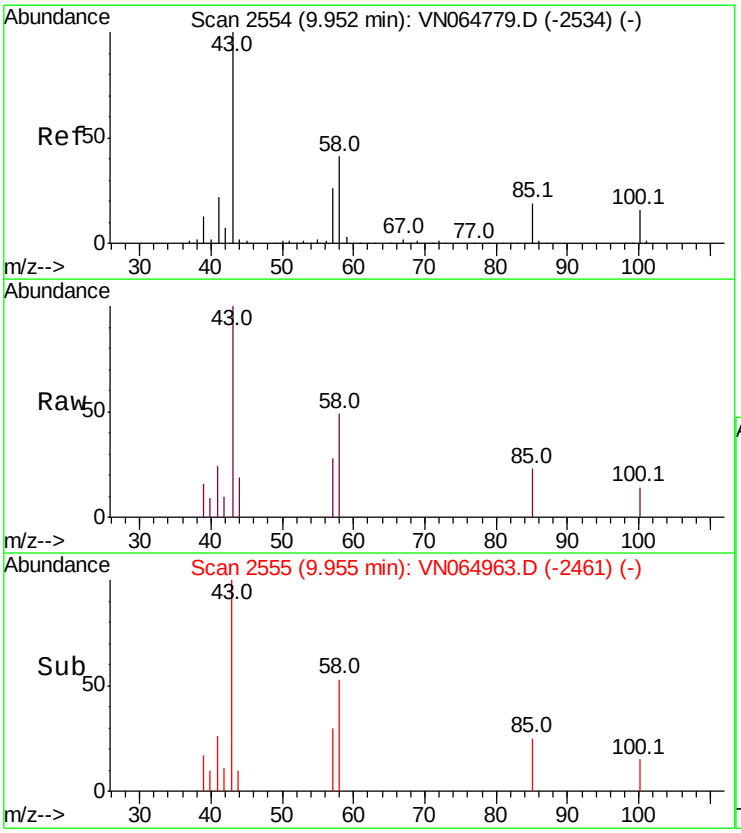
#50
Toluene-d8
Concen: 53.647 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument : MSVOA_N
ClientSampleId : PB133456TB

Tgt Ion: 98 Resp: 403224

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5

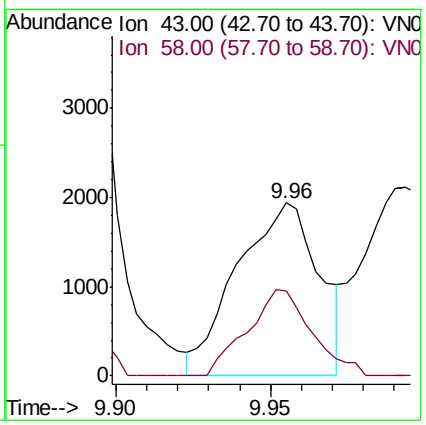


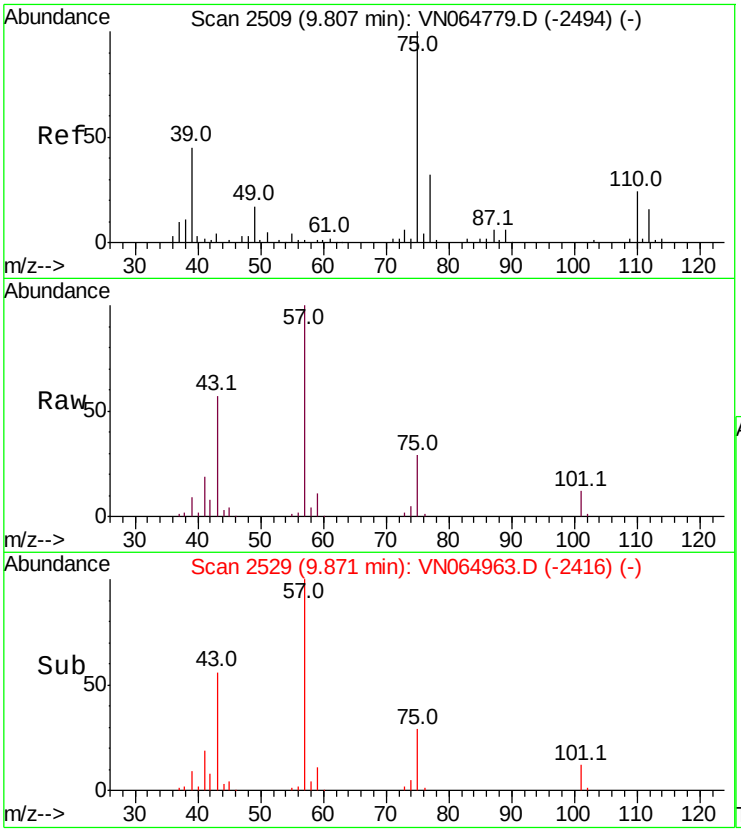


#51
4-Methyl-2-Pentanone
Concen: 1.344 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 43 Resp: 3563

Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.4	48.6



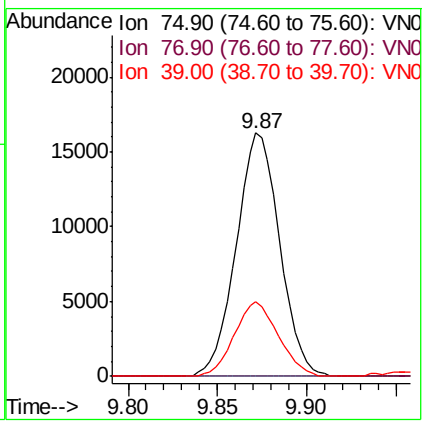


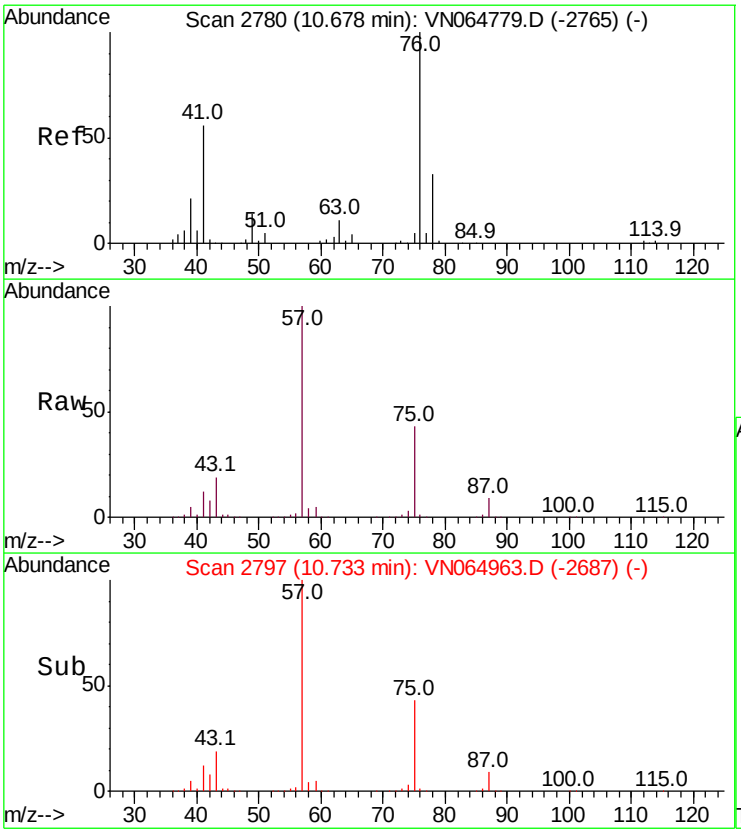
#54
cis-1,3-Dichloropropene
Concen: 7.587 ug/l
RT: 9.87 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Tgt Ion: 75 Resp: 27532

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.5	38.3#
39	30.7	35.6	53.4#

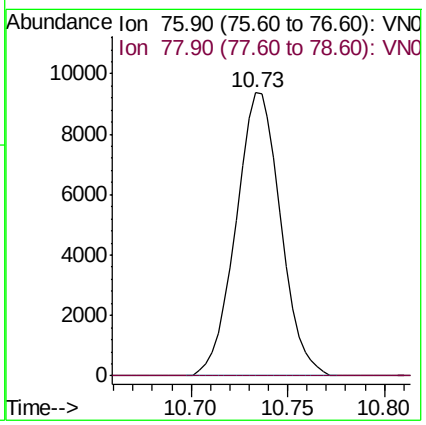


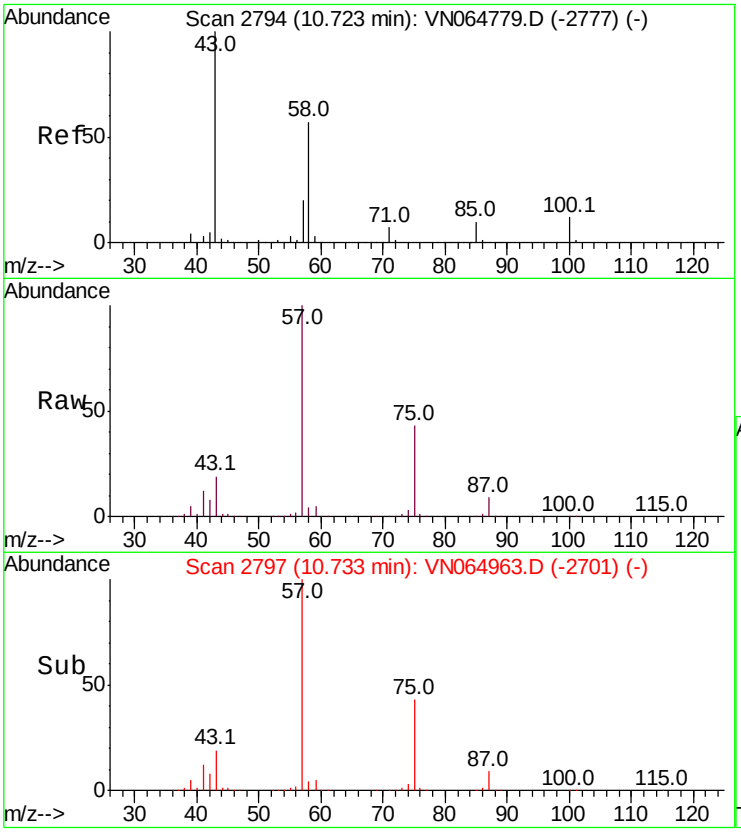


#57
1,3-Dichloropropane
Concen: 4.134 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.05 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 76 Resp: 15079

Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.1	39.1#



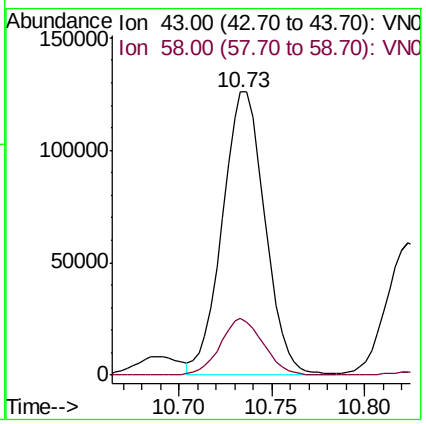


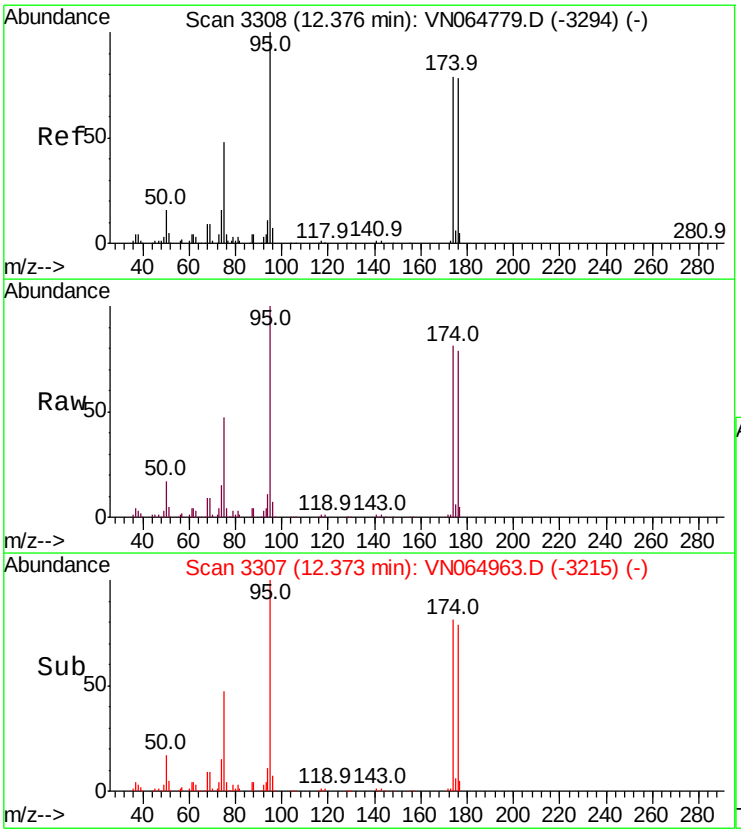
#59
2-Hexanone
Concen: 105.133 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Tgt Ion: 43 Resp: 200629

Ion	Ratio	Lower	Upper
43	100		
58	20.3	28.3	84.9#

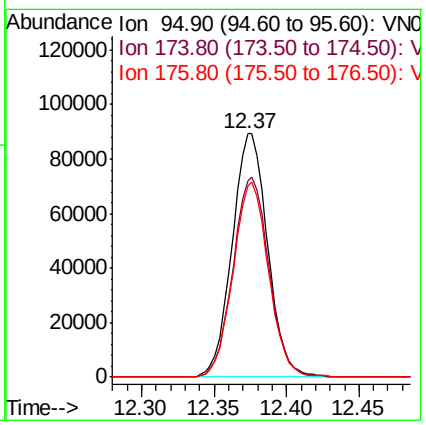


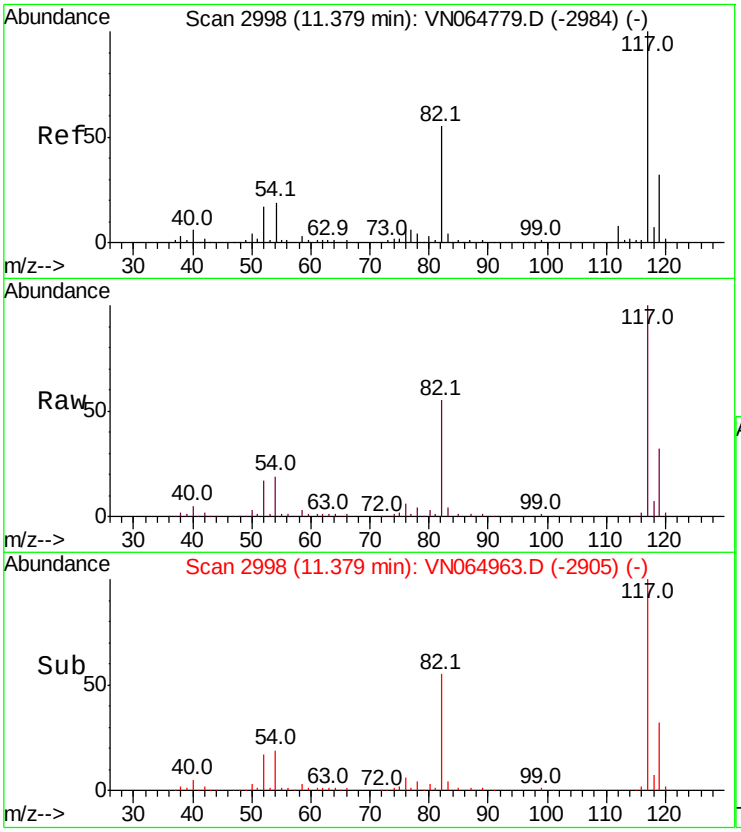


#62
4-Bromofluorobenzene
Concen: 56.435 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 95 Resp: 151805

Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	160.4
176	80.1	0.0	158.4



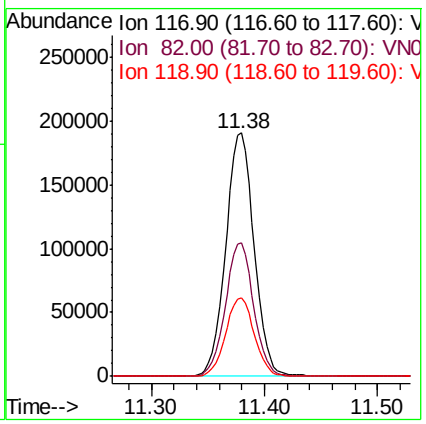


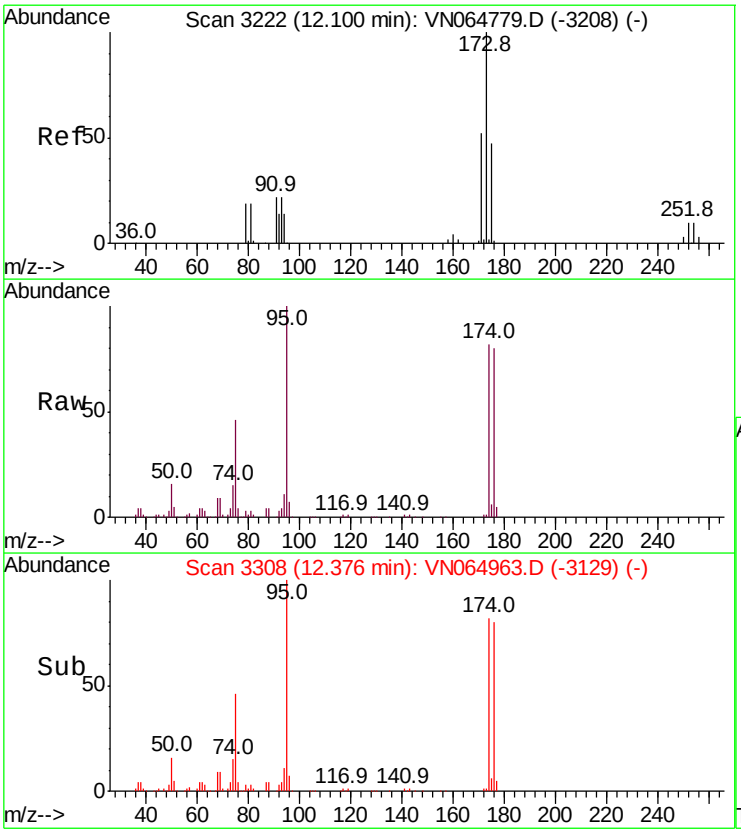
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument : MSVOA_N
ClientSampleId : PB133456TB

Tgt Ion:117 Resp: 332463

Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.2	66.2
119	32.1	25.8	38.6

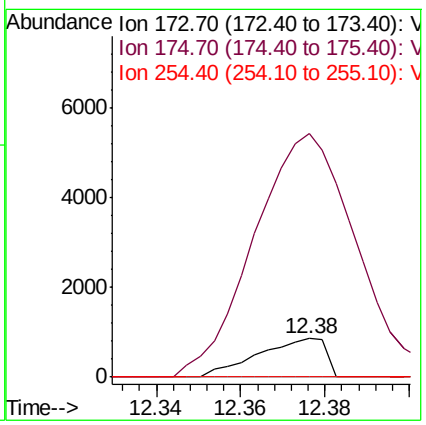


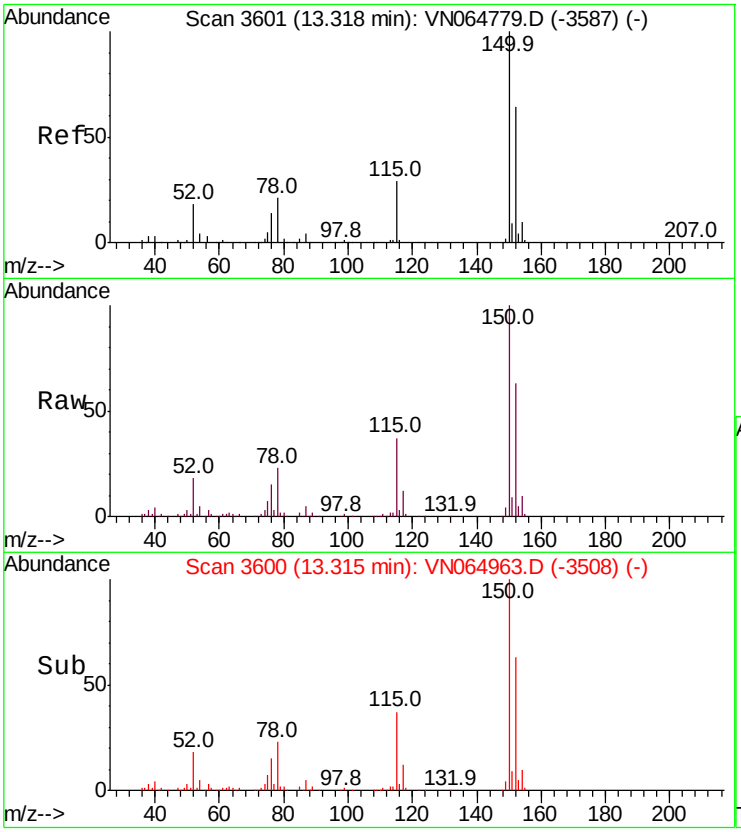


#71
Bromoform
Concen: 0.459 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion:173 Resp: 962

Ion	Ratio	Lower	Upper
173	100		
175	813.0	24.3	72.8#
254	0.0	0.0	0.0



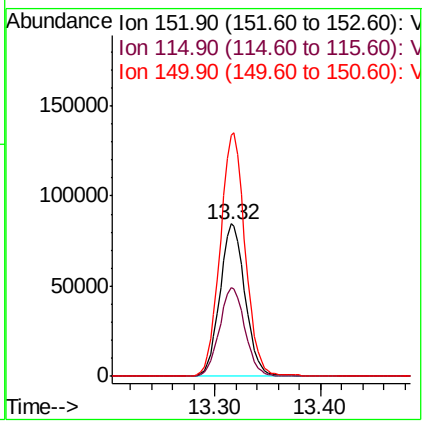


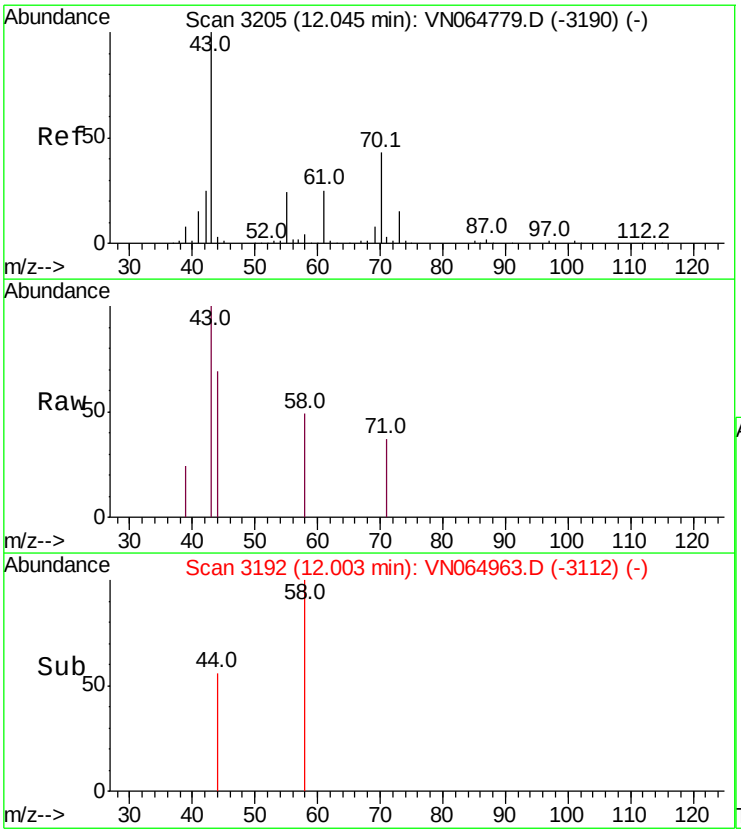
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument : MSVOA_N
ClientSampleId : PB133456TB

Tgt Ion:152 Resp: 139991

Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.7	89.1
150	158.3	0.0	350.6

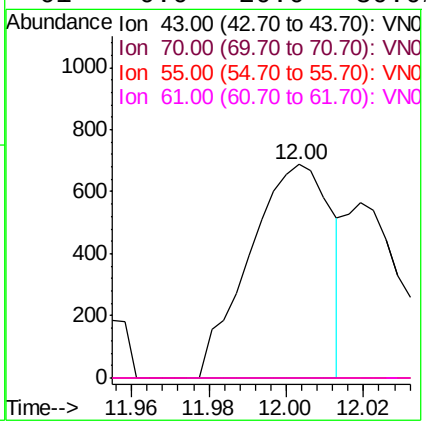


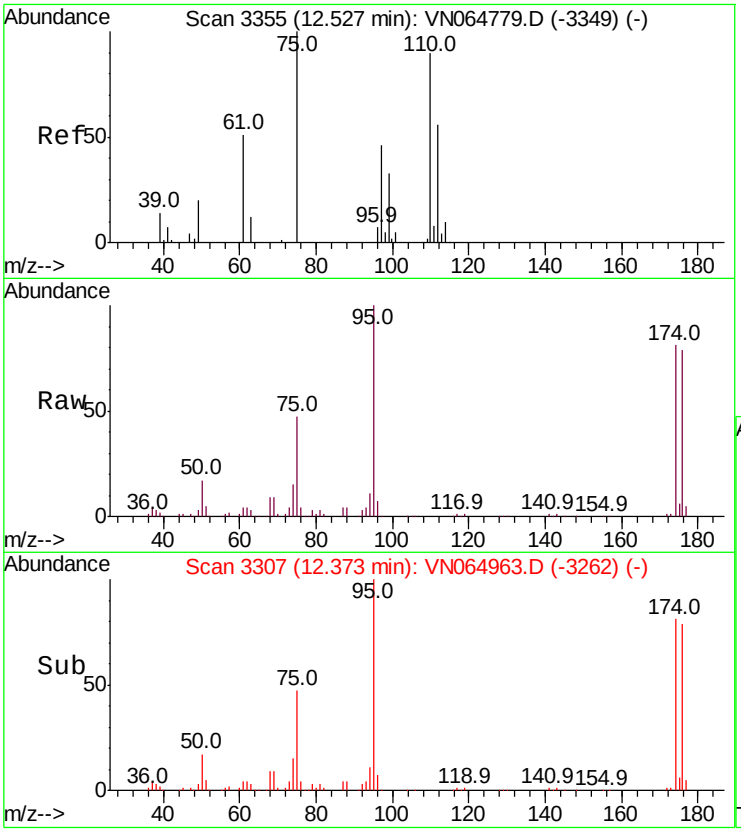


#74
N-amyl acetate
Concen: 0.264 ug/l
RT: 12.00 min Scan# 3192
Delta R.T. -0.04 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 43 Resp: 1010

Ion	Ratio	Lower	Upper
43	100		
70	0.0	34.5	51.7#
55	0.0	20.4	30.6#
61	0.0	20.0	30.0#



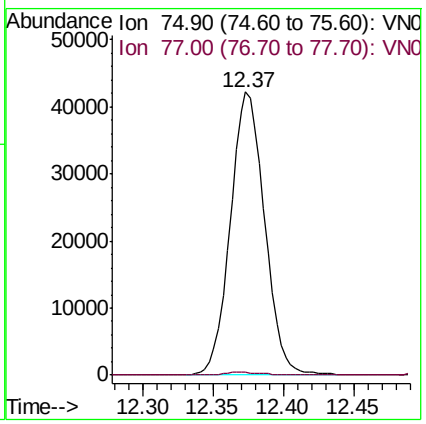


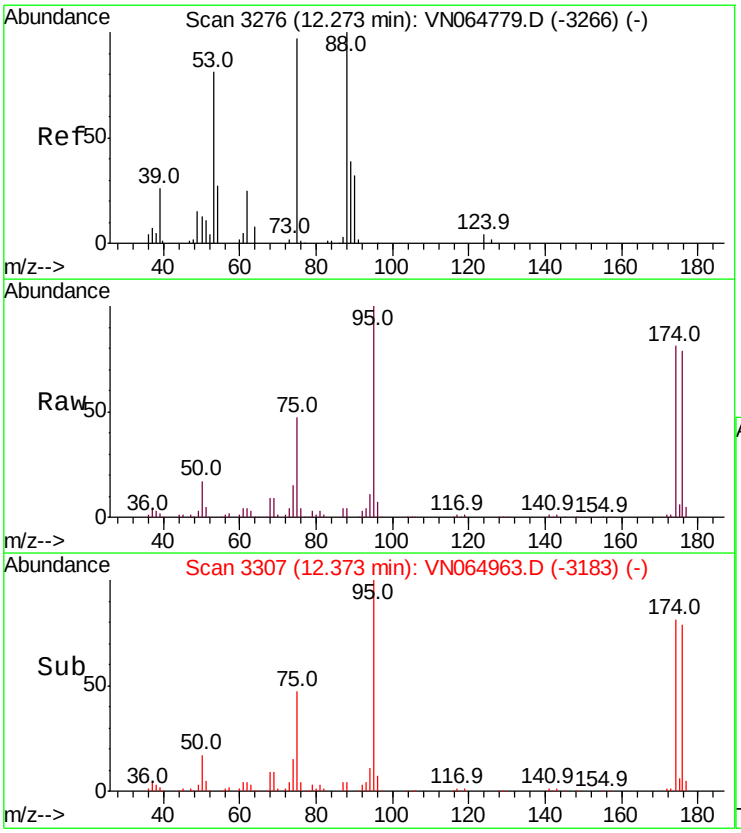
#76
1,2,3-Trichloropropane
Concen: 23.788 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Tgt Ion: 75 Resp: 71717

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

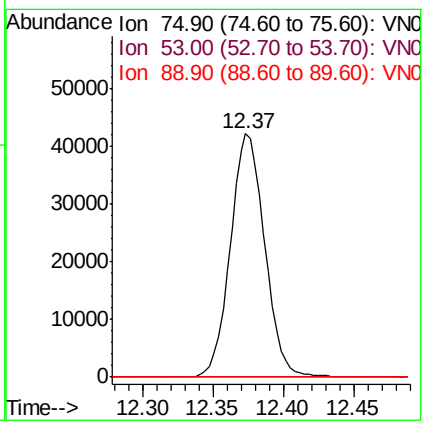


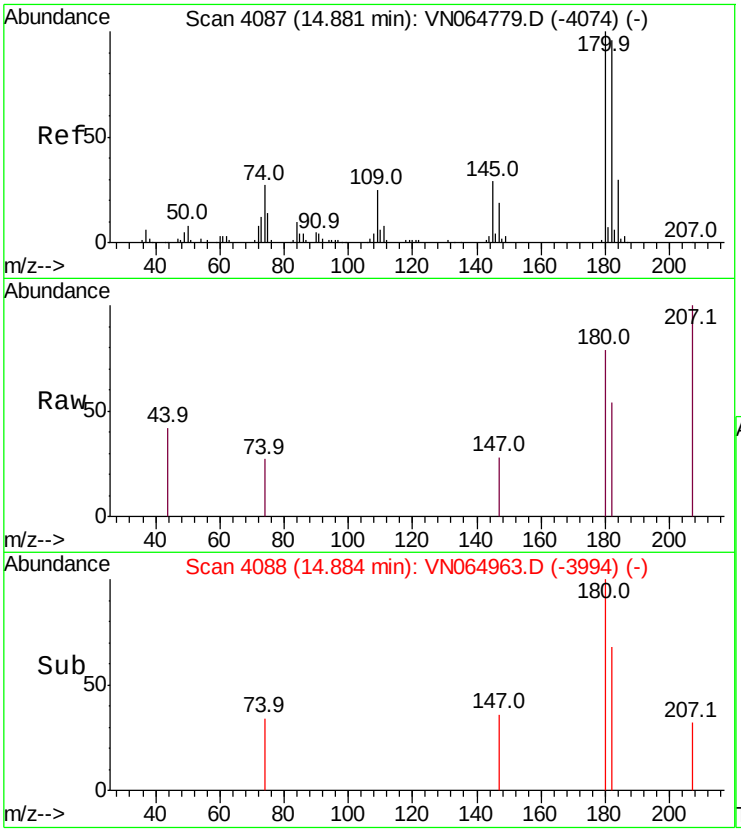


#81
trans-1,4-Dichloro-2-butene
Concen: 65.198 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion: 75 Resp: 71717

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.0	100.4#
89	0.0	39.6	59.4#



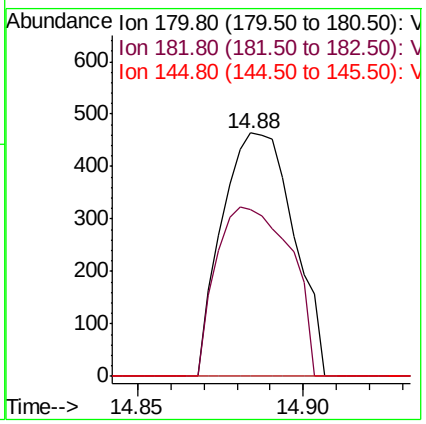


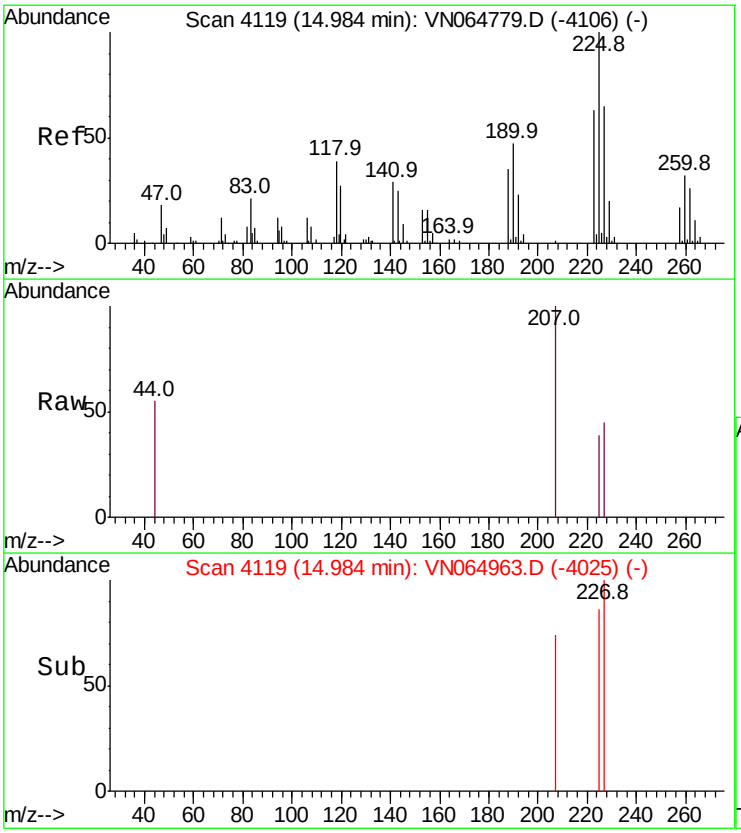
#93
1,2,4-Trichlorobenzene
Concen: 0.246 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Tgt Ion:180 Resp: 696

Ion	Ratio	Lower	Upper
180	100		
182	72.1	47.6	142.9
145	0.0	15.3	45.8#

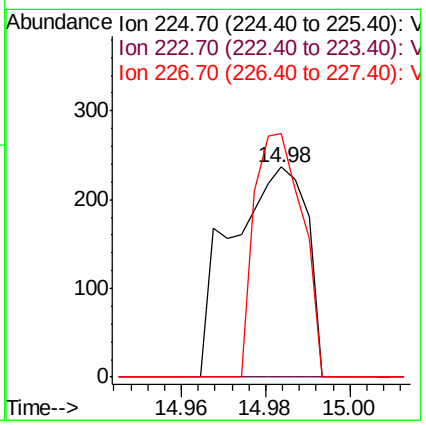


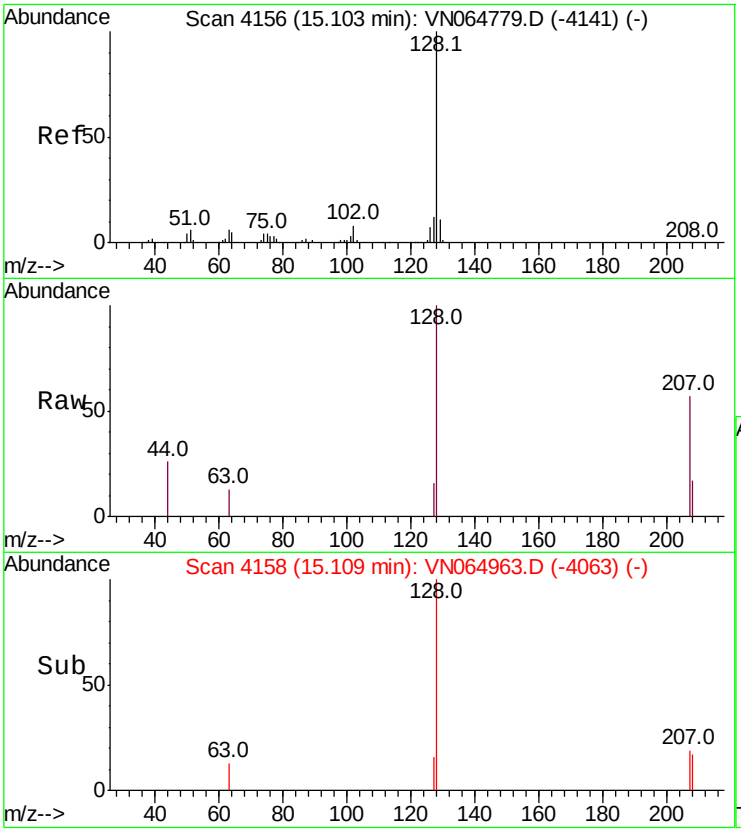


#94
Hexachlorobutadiene
Concen: 0.603 ug/l
RT: 14.98 min Scan# 4119
Delta R.T. 0.00 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion:225 Resp: 296

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.0	93.0#
227	73.3	32.0	96.0



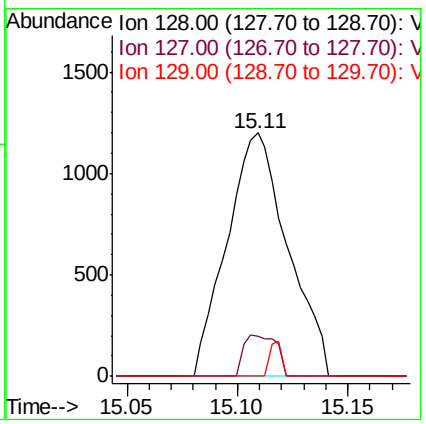


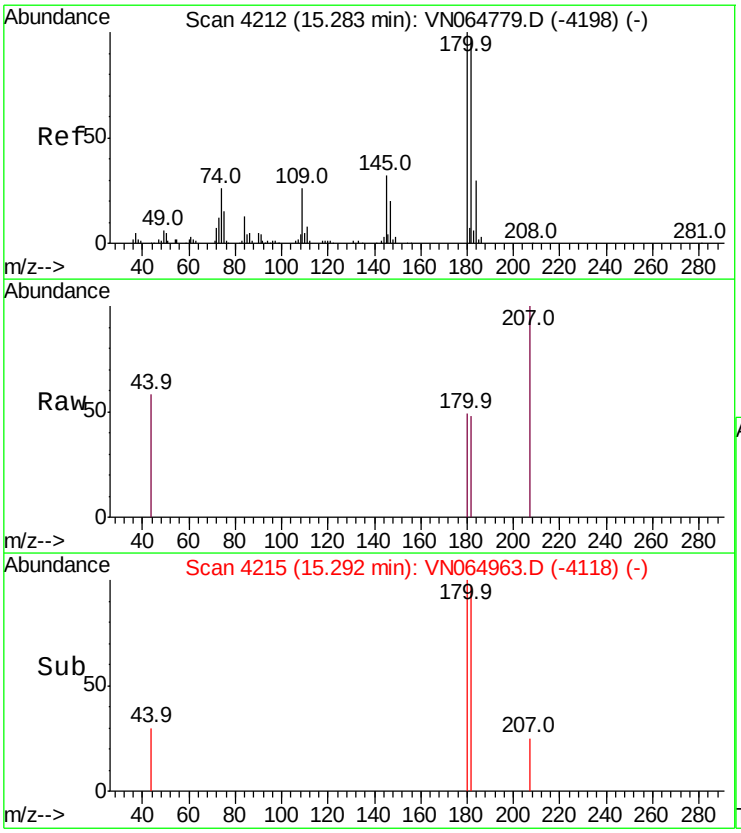
#95
Naphthalene
Concen: 0.270 ug/l
RT: 15.11 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Instrument :
MSVOA_N
ClientSampleId :
PB133456TB

Tgt Ion:128 Resp: 2295

Ion	Ratio	Lower	Upper
128	100		
127	9.2	10.3	15.5#
129	2.8	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 1.627 ug/l
RT: 15.29 min Scan# 4215
Delta R.T. 0.01 min
Lab File: VN064963.D
Acq: 8 Dec 2020 12:37

Tgt Ion:180 Resp: 652

Ion	Ratio	Lower	Upper
180	100		
182	45.1	48.1	144.4#
145	19.0	16.4	49.1