Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111820\
Data File : VN064717.D
Acq On : 18 Nov 2020 19:24
Operator : JC/MD
Sample : L4783-17 40X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Time: Nov 19 01:37:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	212513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	438465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	455236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	205625	55.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.00%			
35) Dibromofluoromethane	7.55	113	126858	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.66%			
50) Toluene-d8	10.06	98	556371	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.10%			
62) 4-Bromofluorobenzene	12.37	95	226802	53.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.00%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.73	59	385	1.062	ug/l #	70
13) Acrolein	3.57	56	63	0.742	ug/l #	59
16) Acetone	3.78	43	1354	6.531	ug/l #	48
18) Methyl Acetate	4.28	43	503	1.513	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	9388	1.228	ug/l #	89
20) Methylene Chloride	4.50	84	1065	0.385	ug/l #	42
31) Cyclohexane	7.62	56	6486	1.605	ug/l #	36
36) 1,1-Dichloropropene	7.62	75	21527	4.772	ug/l #	53
38) Carbon Tetrachloride	7.62	117	24349	5.079	ug/l #	16
43) Isopropyl Acetate	8.22	43	11005	1.503	ug/l #	64
51) 4-Methyl-2-Pentanone	9.95	43	94	6.150	ug/l #	39
59) 2-Hexanone	10.71	43	46	8.453	ug/l #	28
68) m/p-Xylenes	11.59	106	579	4.142	ug/l	84
70) Styrene	11.94	104	105	2.545	ug/l #	24
76) 1,2,3-Trichloropropane	12.37	75	131673	31.664	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	131673	80.633	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.88	180	72	1.353	ug/l #	44
94) Hexachlorobutadiene	14.97	225	134	Below Cal	#	52
96) 1,2,3-Trichlorobenzene	15.28	180	73	0.781	ug/l #	81

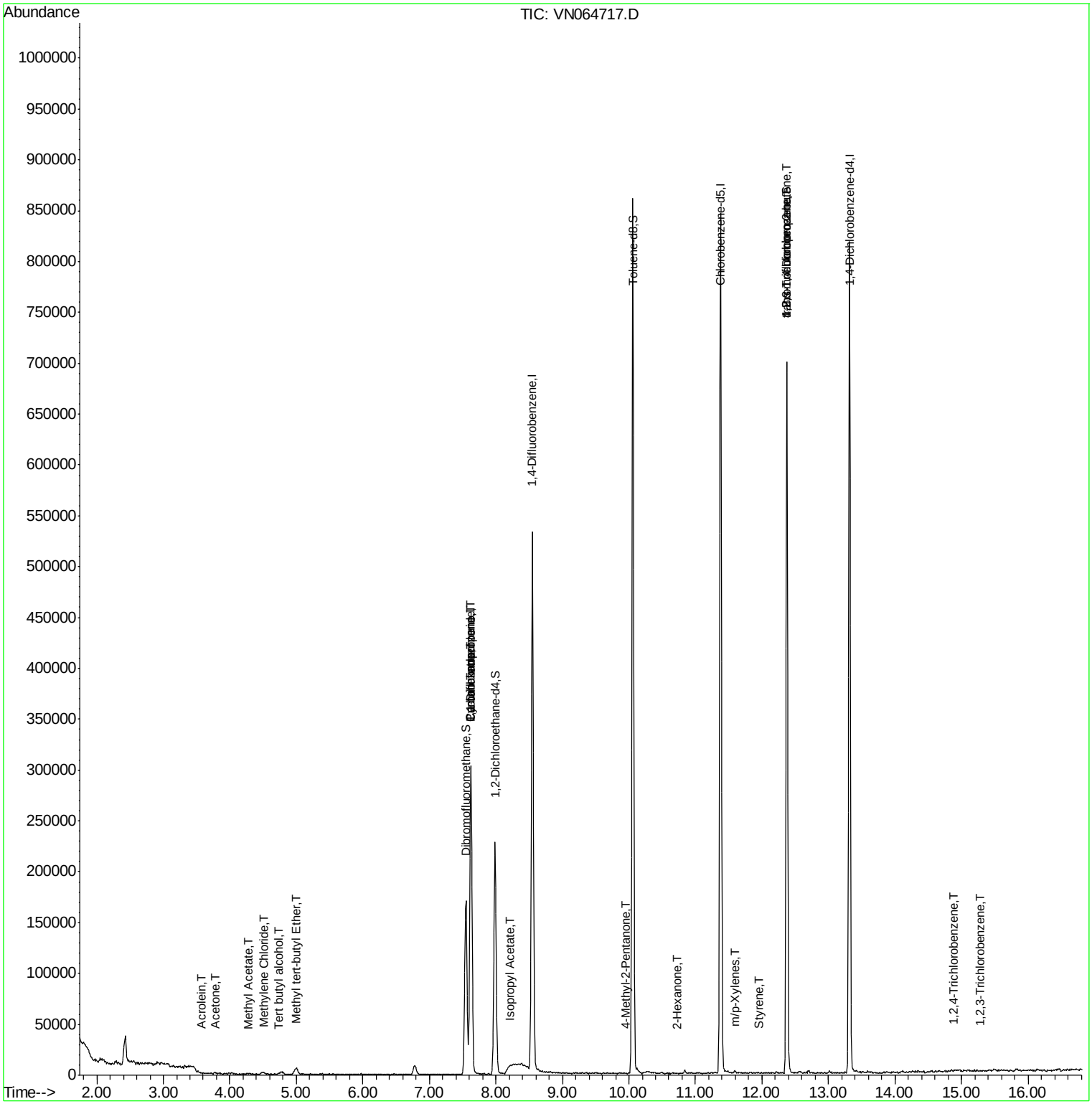
(#) = qualifier out of range (m) = manual integration (+) = signals summed

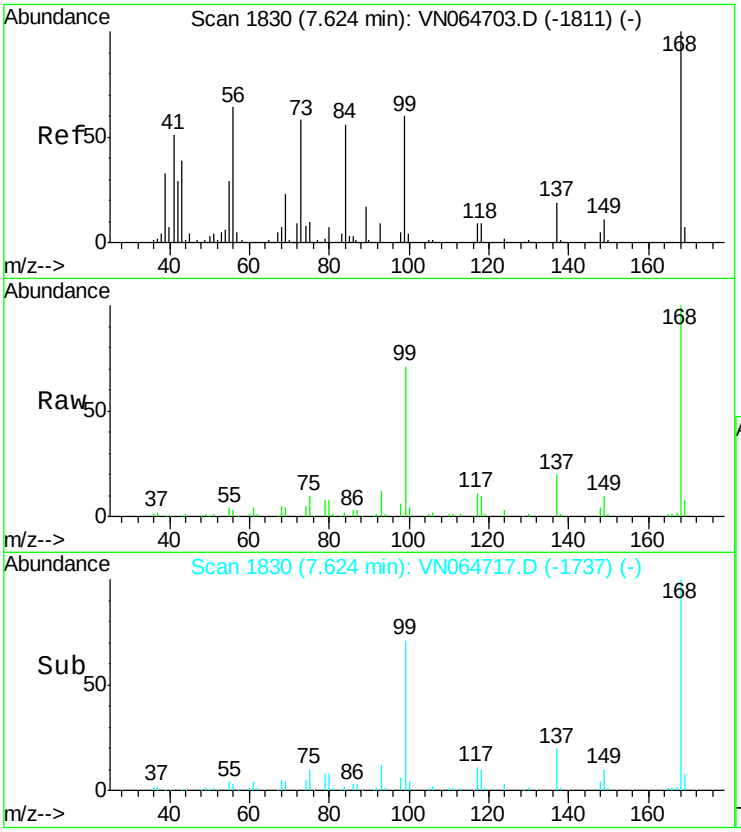
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111820\
Data File : VN064717.D
Acq On : 18 Nov 2020 19:24
Operator : JC/MD
Sample : L4783-17 40X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-14

Quant Time: Nov 19 01:37:18 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration



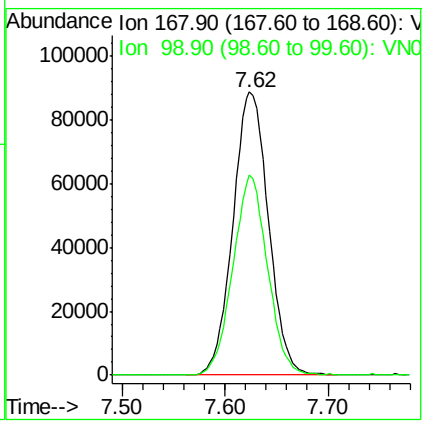


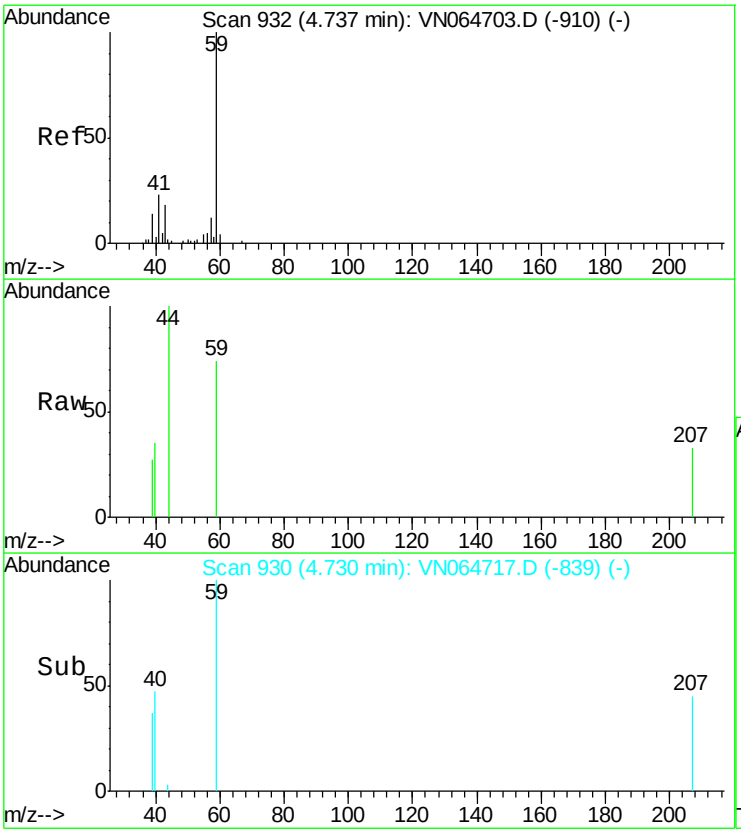
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion:168 Resp: 212513

Ion	Ratio	Lower	Upper
168	100		
99	70.6	55.7	83.5

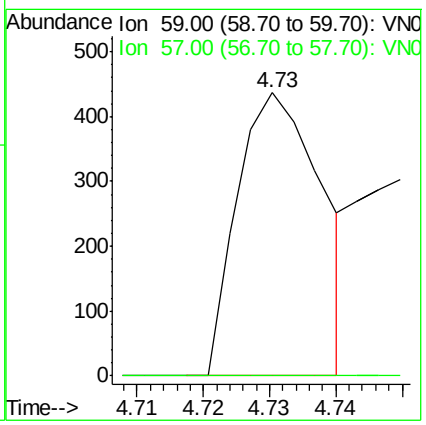


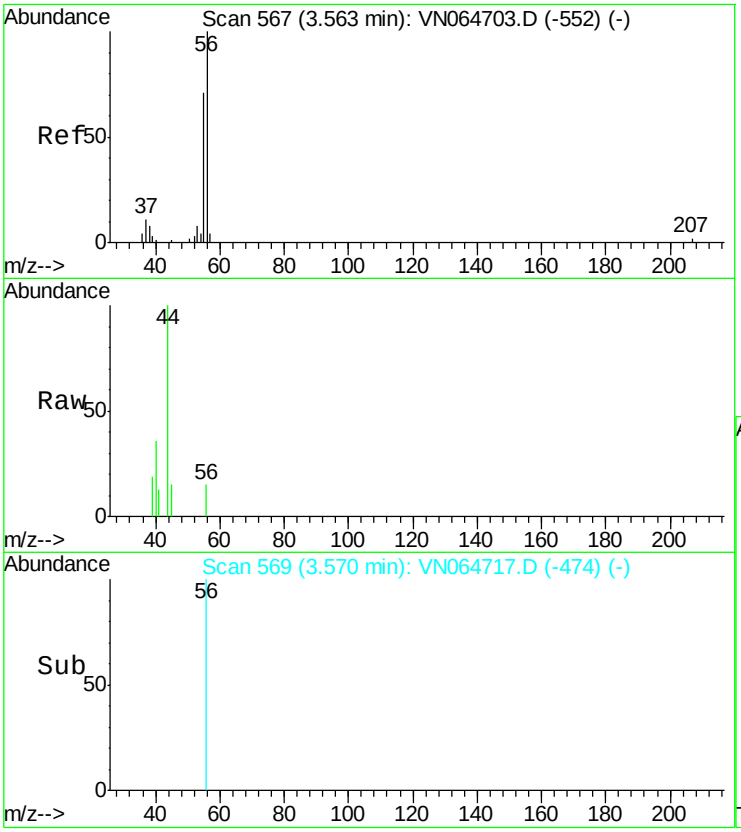


#11
Tert butyl alcohol
Concen: 1.062 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.01 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion: 59 Resp: 385

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.1	13.7#



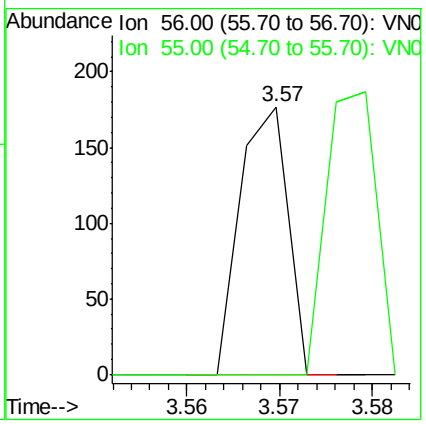


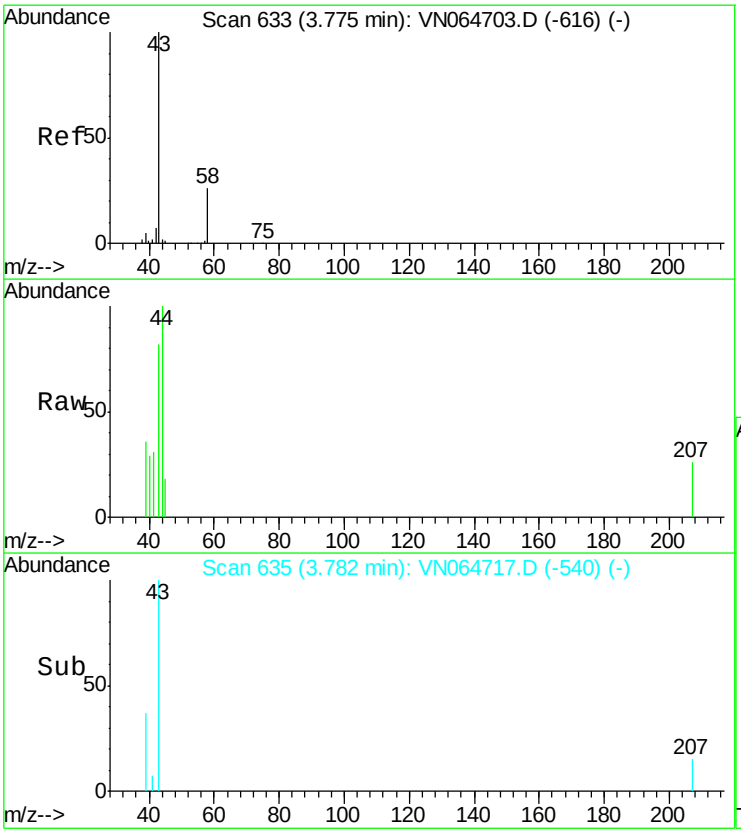
#13
Acrolein
Concen: 0.742 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.01 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion: 56 Resp: 63

Ion	Ratio	Lower	Upper
56	100		
55	112.7	61.8	92.6#

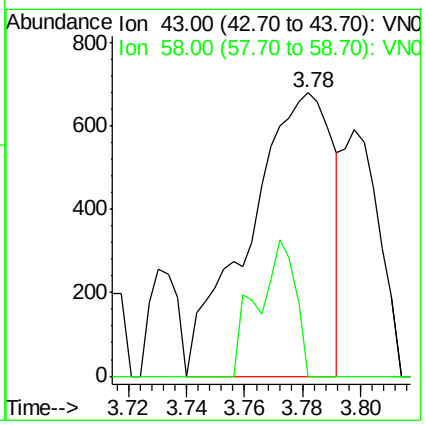


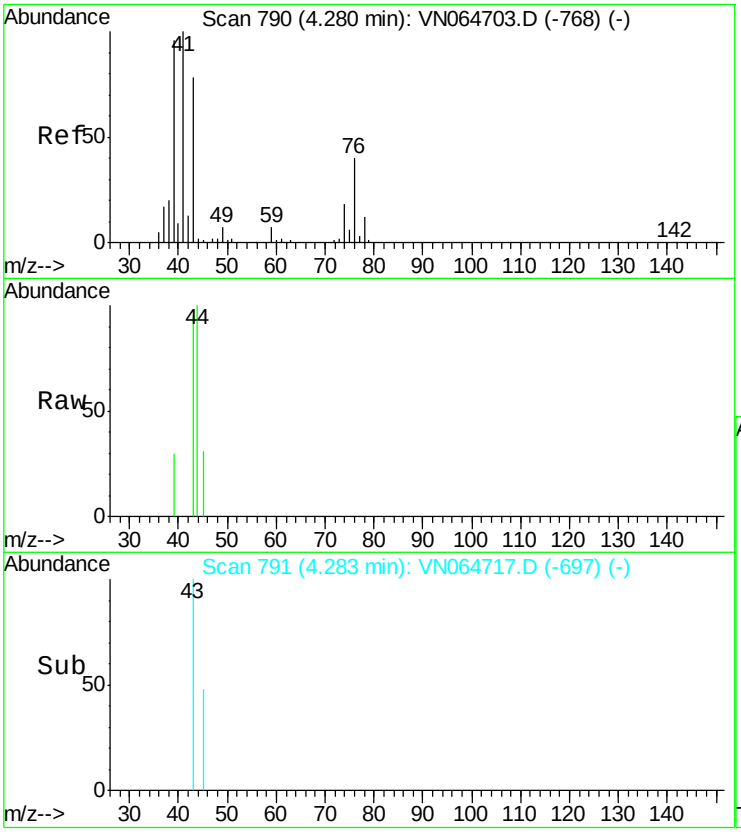


#16
Acetone
Concen: 6.531 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion: 43 Resp: 1354

Ion	Ratio	Lower	Upper
43	100		
58	0.0	21.2	31.8#



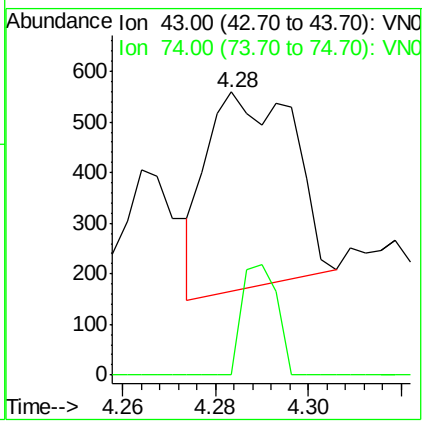


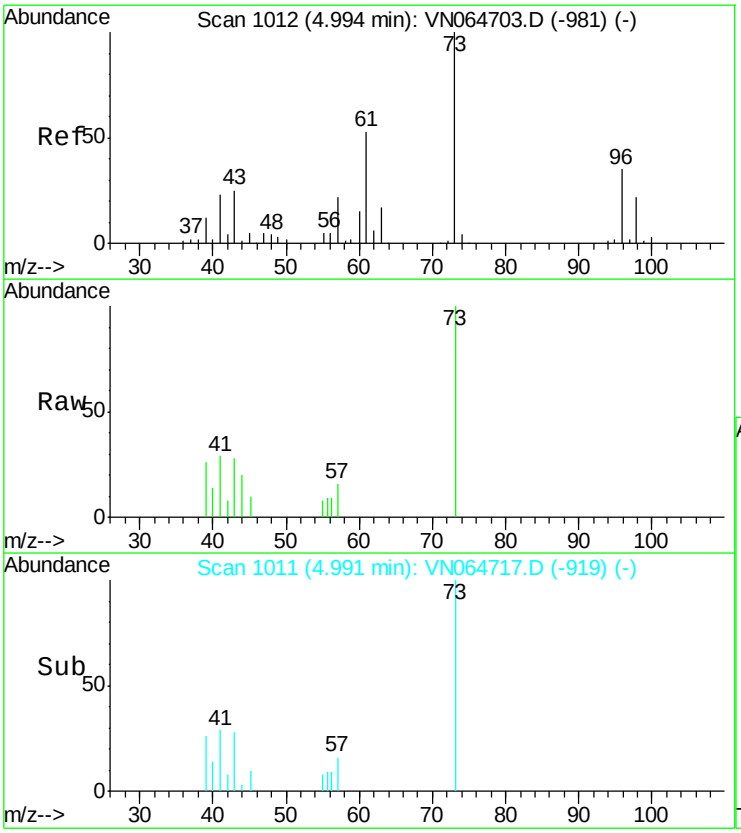
#18
Methyl Acetate
Concen: 1.513 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument : MSVOA_N
ClientSampleId : MW-14

Tgt Ion: 43 Resp: 503

Ion	Ratio	Lower	Upper
43	100		
74	22.7	17.6	26.4

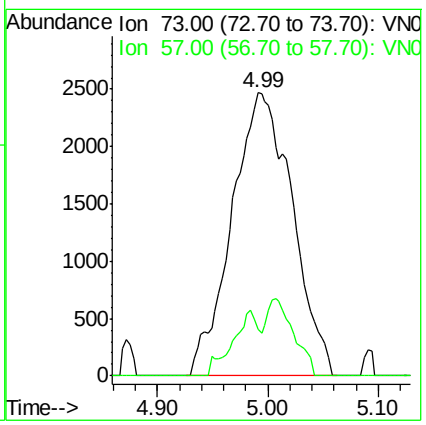


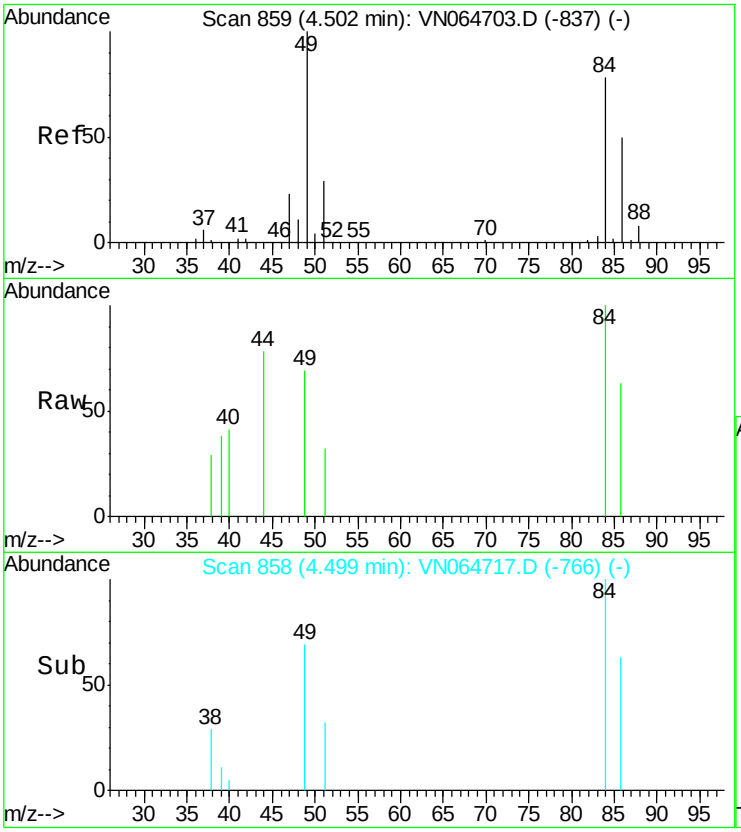


#19
Methyl tert-butyl Ether
Concen: 1.228 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion: 73 Resp: 9388

Ion	Ratio	Lower	Upper
73	100		
57	16.4	17.3	25.9#



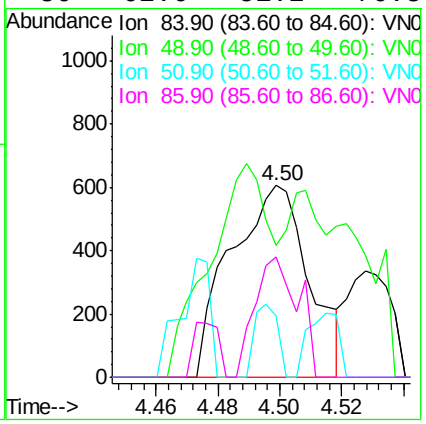


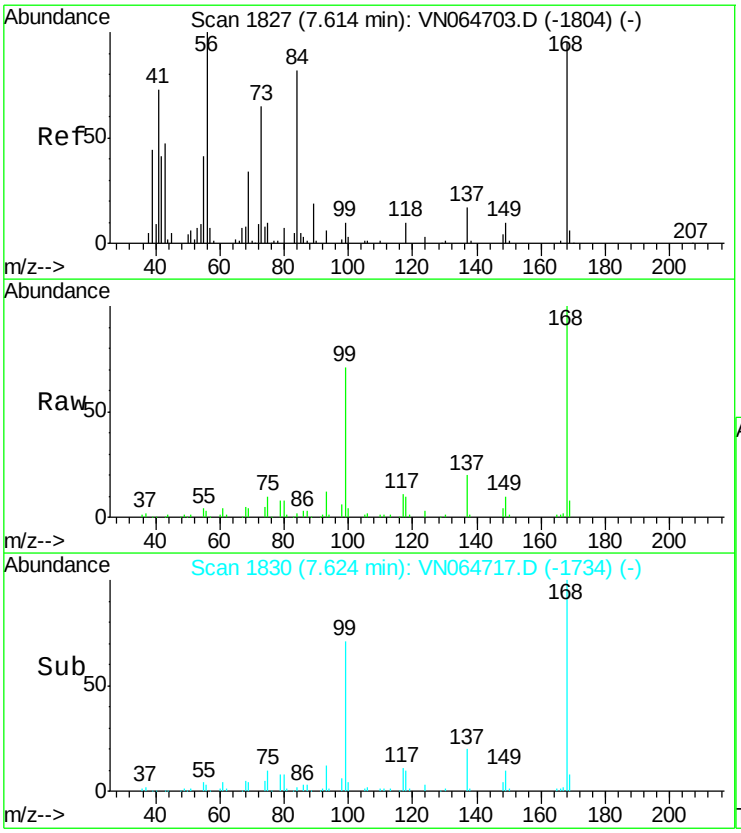
#20
Methylene Chloride
Concen: 0.385 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument : MSVOA_N
ClientSampleId : MW-14

Tgt Ion: 84 Resp: 1065

Ion	Ratio	Lower	Upper
84	100		
49	29.4	102.4	153.6#
51	1.7	29.4	44.2#
86	62.6	51.2	76.8

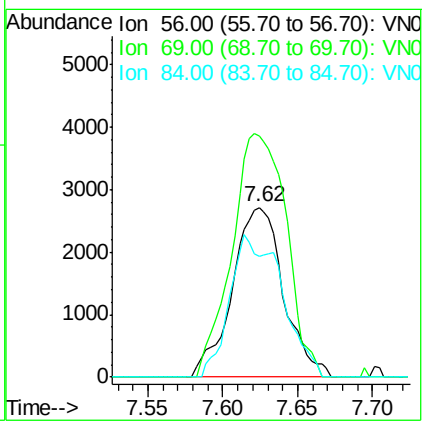


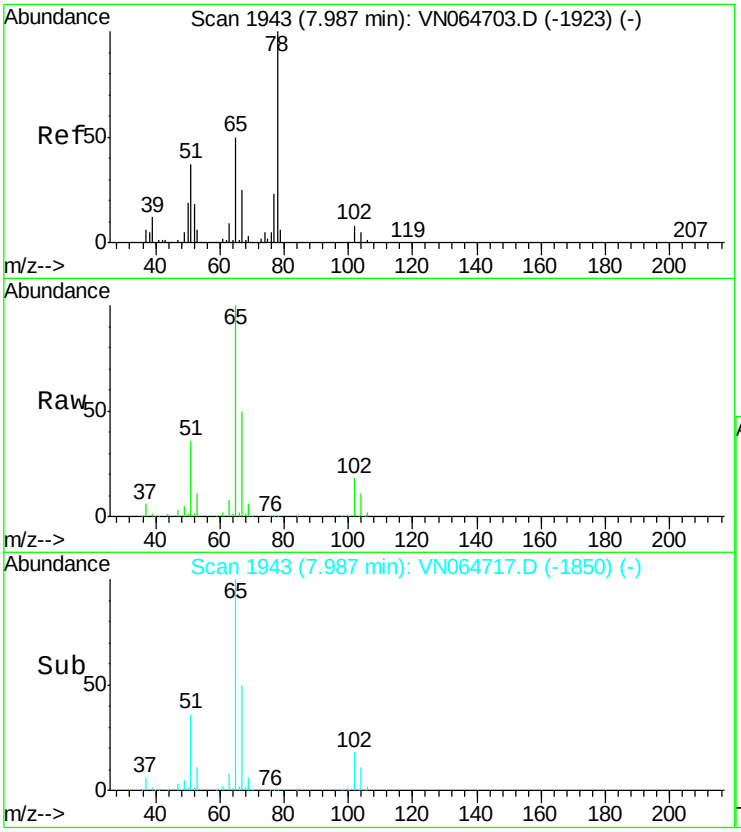


#31
Cyclohexane
Concen: 1.605 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion: 56 Resp: 6486

Ion	Ratio	Lower	Upper
56	100		
69	142.2	27.2	40.8#
84	71.0	65.9	98.9



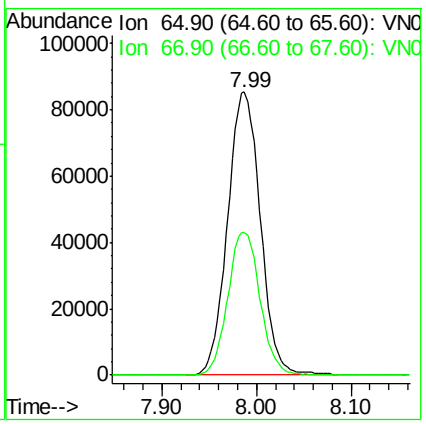


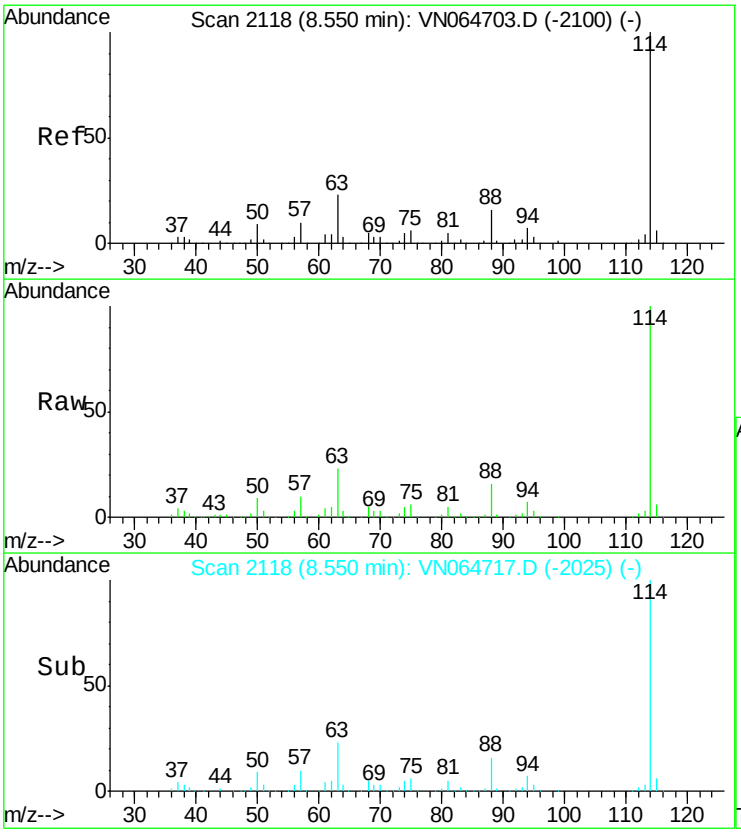
#33
1,2-Dichloroethane-d4
Concen: 55.003 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument : MSVOA_N
ClientSampleId : MW-14

Tgt Ion: 65 Resp: 205625

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.8

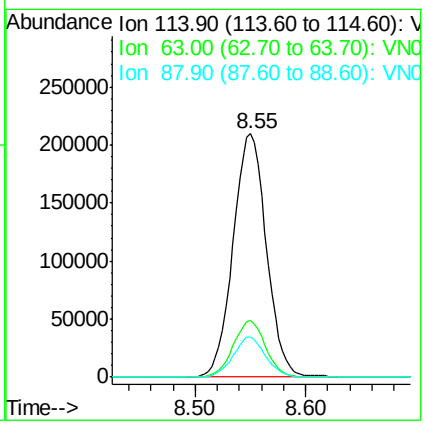


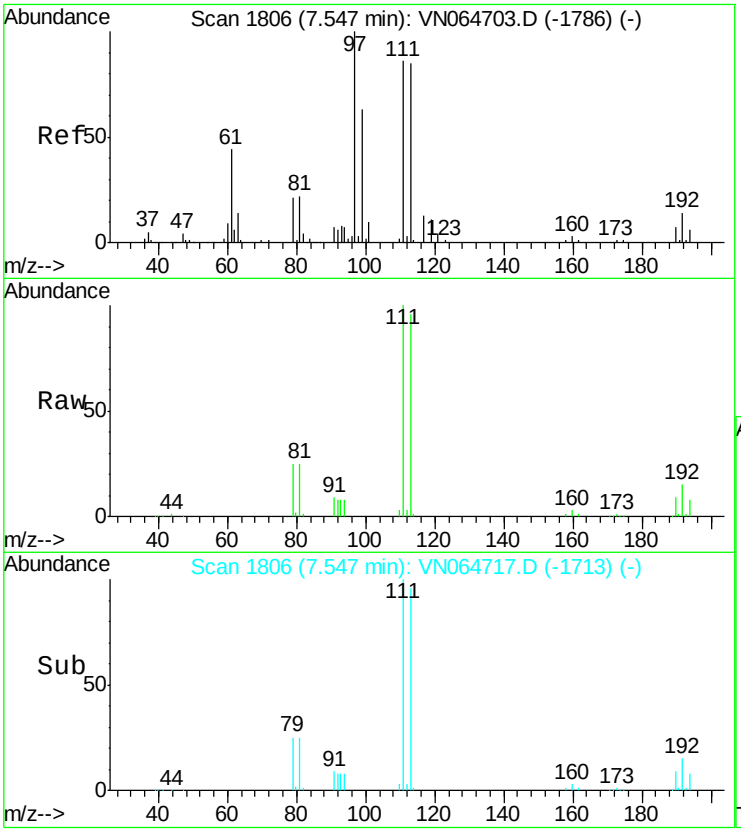


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion:114 Resp: 438465

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	46.0
88	16.3	0.0	31.2



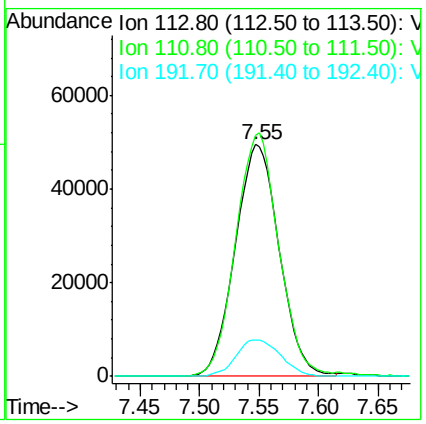


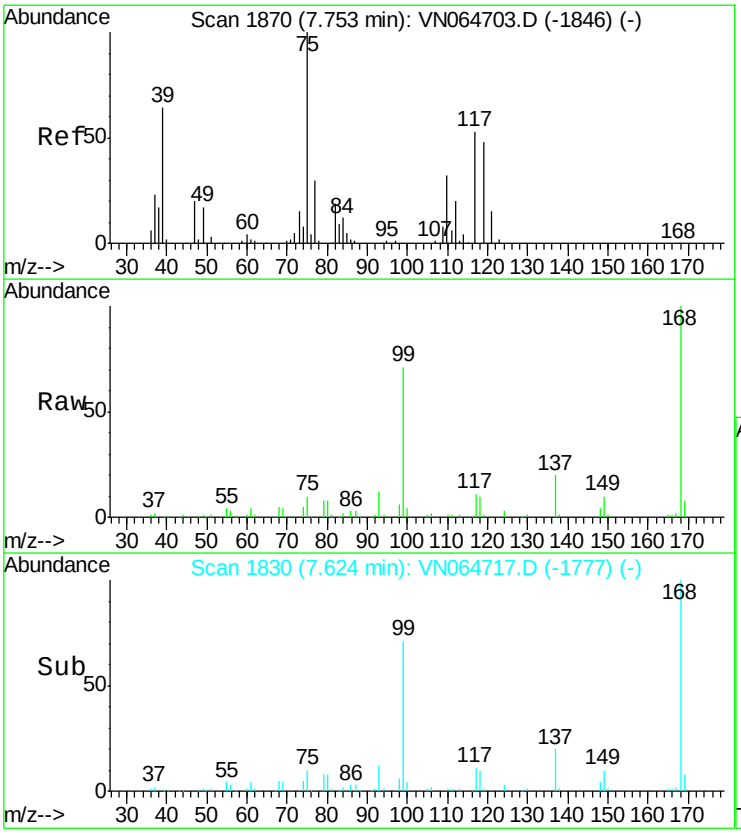
#35
Dibromofluoromethane
Concen: 50.832 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion:113 Resp: 126858

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	15.9	12.7	19.1

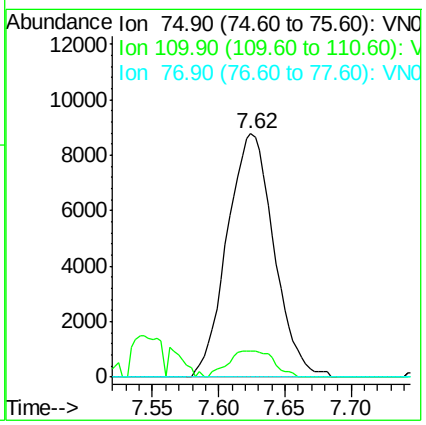


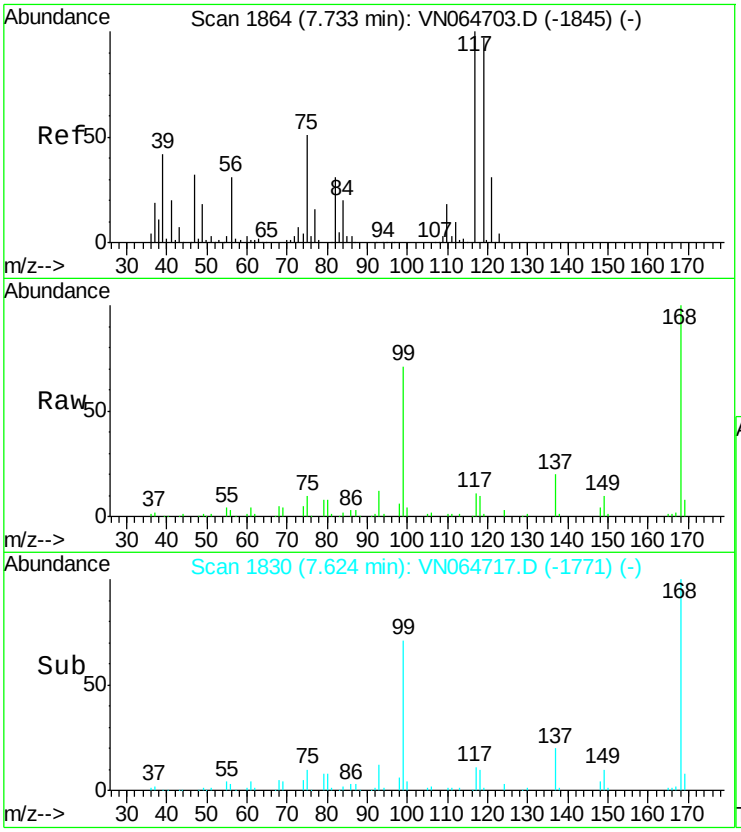


#36
1,1-Dichloropropene
Concen: 4.772 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion: 75 Resp: 21527

Ion	Ratio	Lower	Upper
75	100		
110	10.4	16.2	48.6#
77	0.0	24.4	36.6#



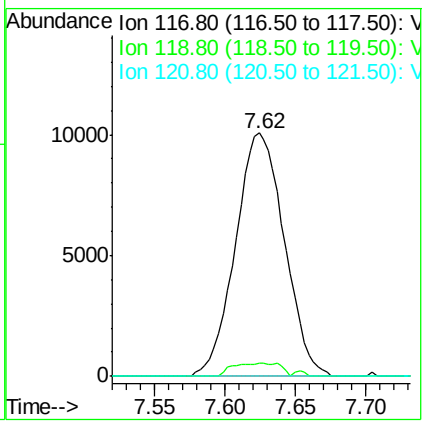


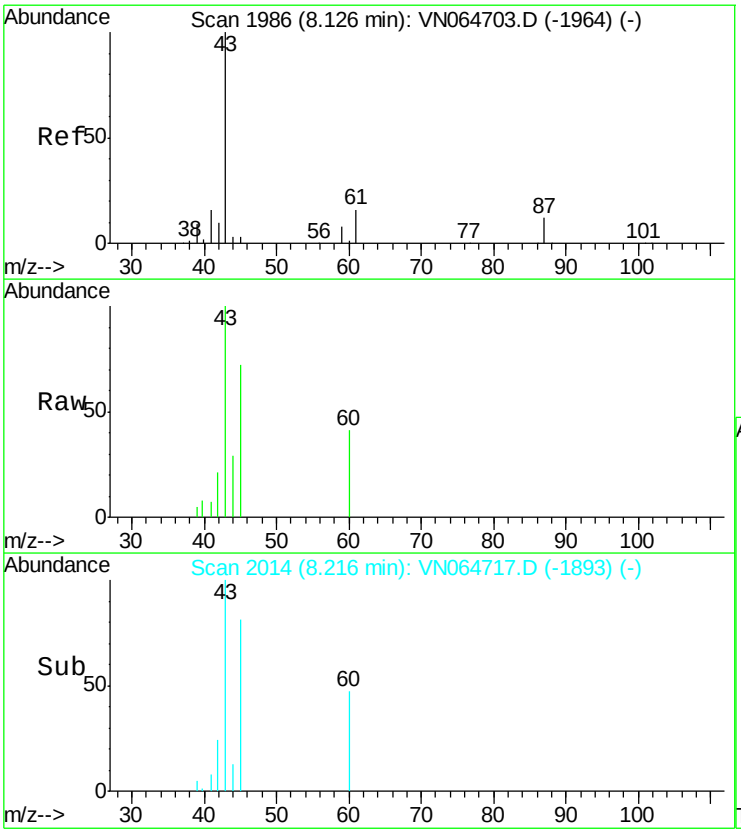
#38
Carbon Tetrachloride
Concen: 5.079 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument : MSVOA_N
ClientSampleId : MW-14

Tgt Ion:117 Resp: 24349

Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.8	116.6#
121	0.0	24.9	37.3#

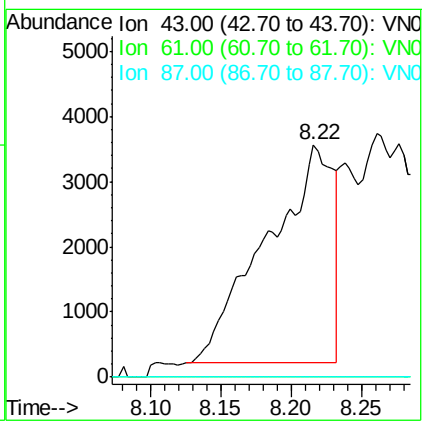


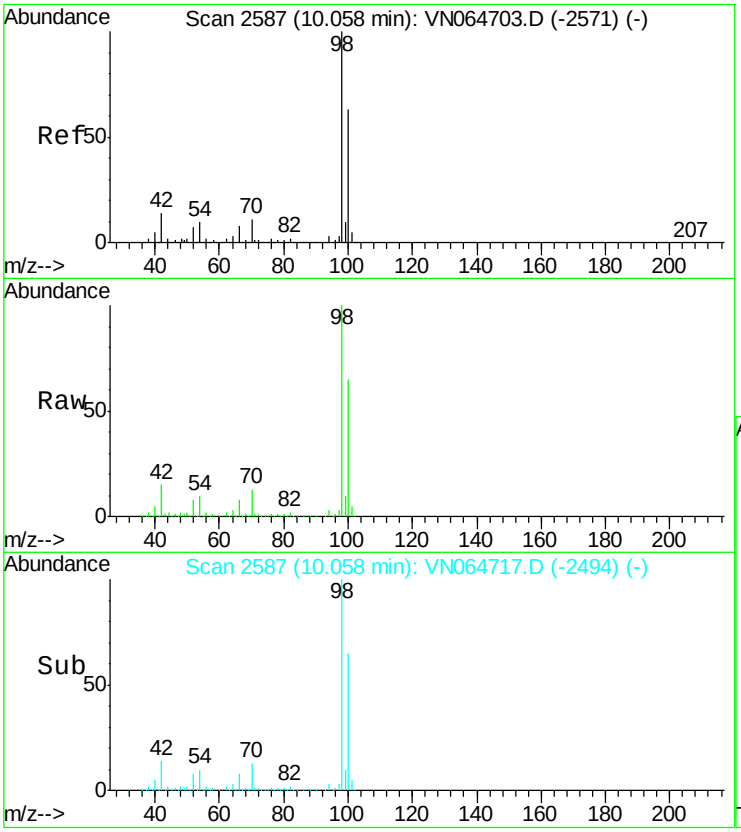


#43
Isopropyl Acetate
Concen: 1.503 ug/l
RT: 8.22 min Scan# 2014
Delta R.T. 0.09 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion: 43 Resp: 11005

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.1	21.1#
87	0.0	9.1	13.7#



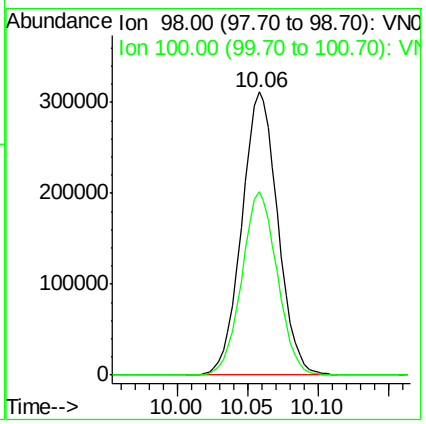


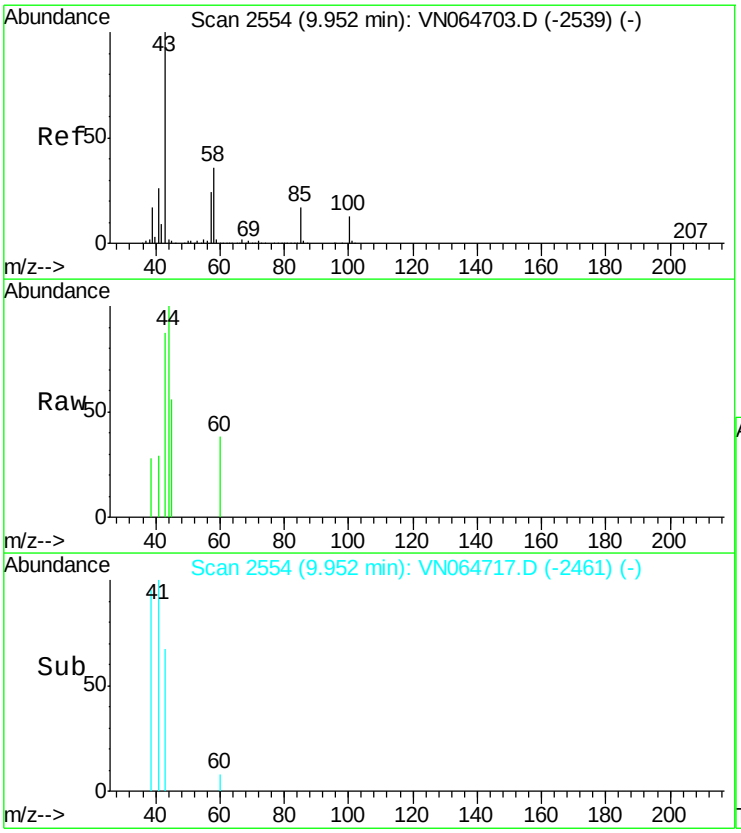
#50
Toluene-d8
Concen: 49.053 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion: 98 Resp: 556371

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.4	75.6

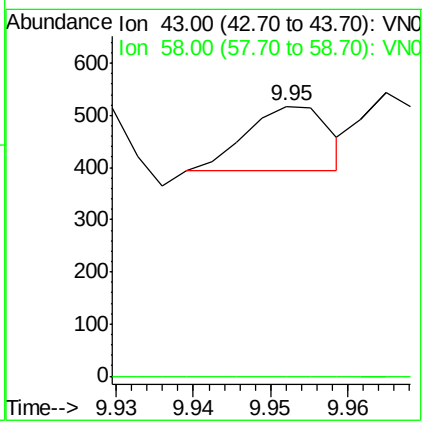


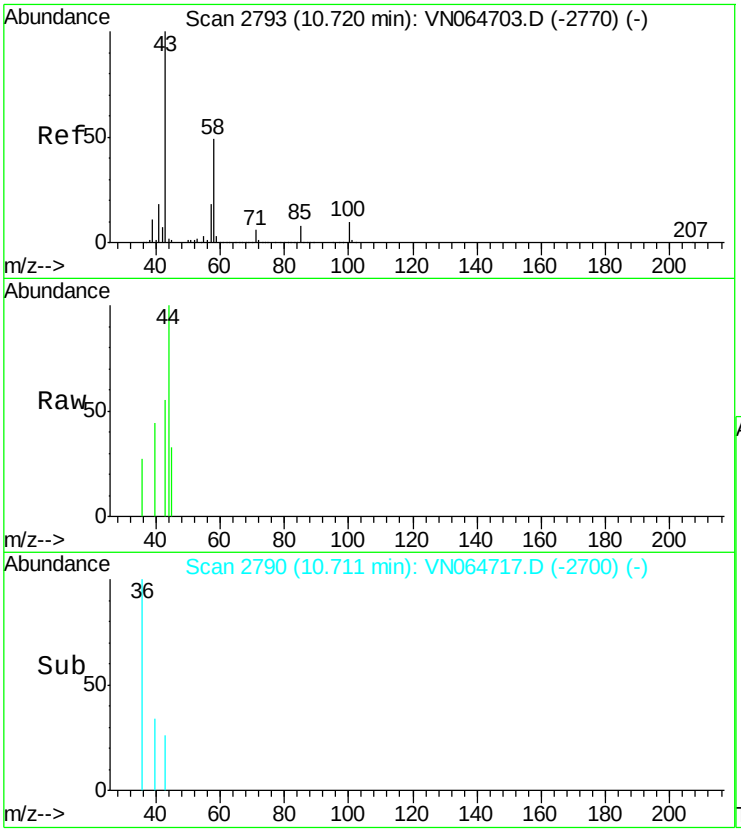


#51
4-Methyl-2-Pentanone
Concen: 6.150 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion: 43 Resp: 94

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	42.7#



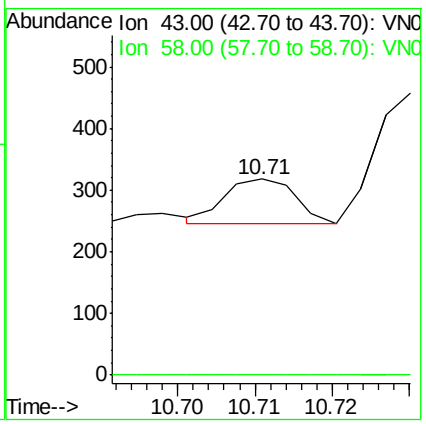


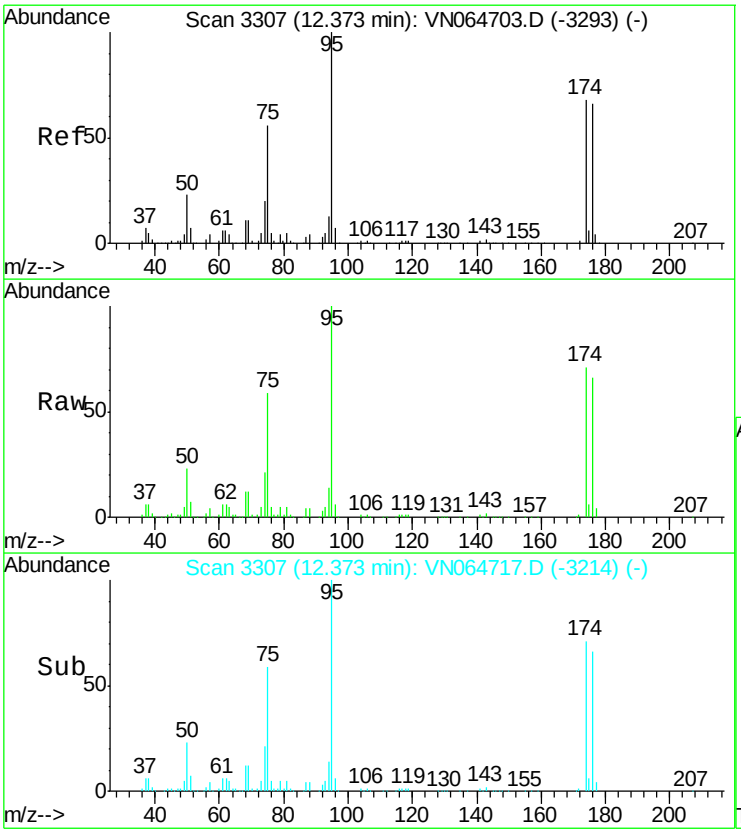
#59
2-Hexanone
Concen: 8.453 ug/l
RT: 10.71 min Scan# 2790
Delta R.T. -0.01 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument : MSVOA_N
ClientSampleId : MW-14

Tgt Ion: 43 Resp: 46

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.4	73.4#

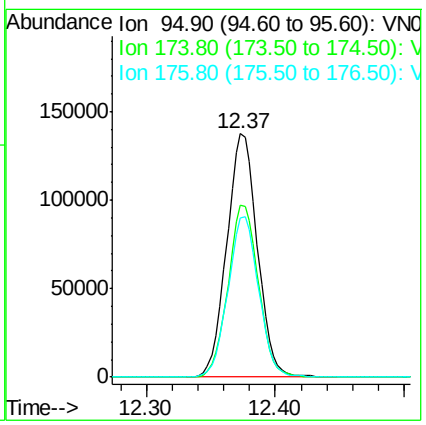


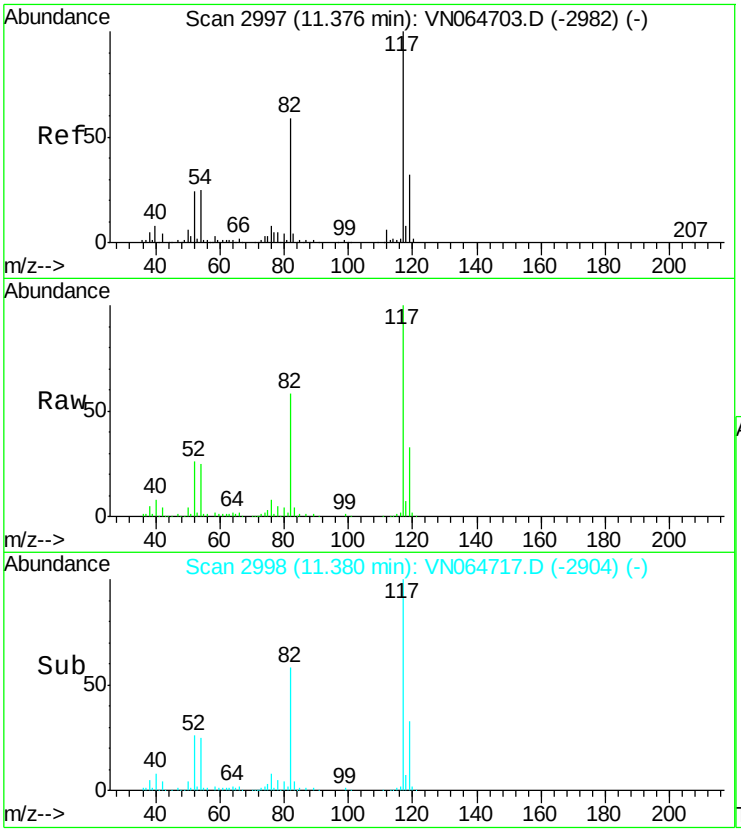


#62
4-Bromofluorobenzene
Concen: 53.498 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion: 95 Resp: 226802

Ion	Ratio	Lower	Upper
95	100		
174	70.1	0.0	136.8
176	65.8	0.0	134.2



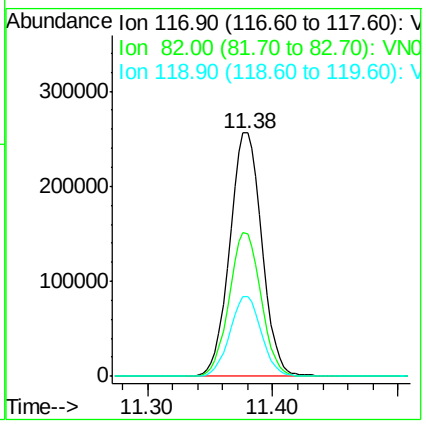


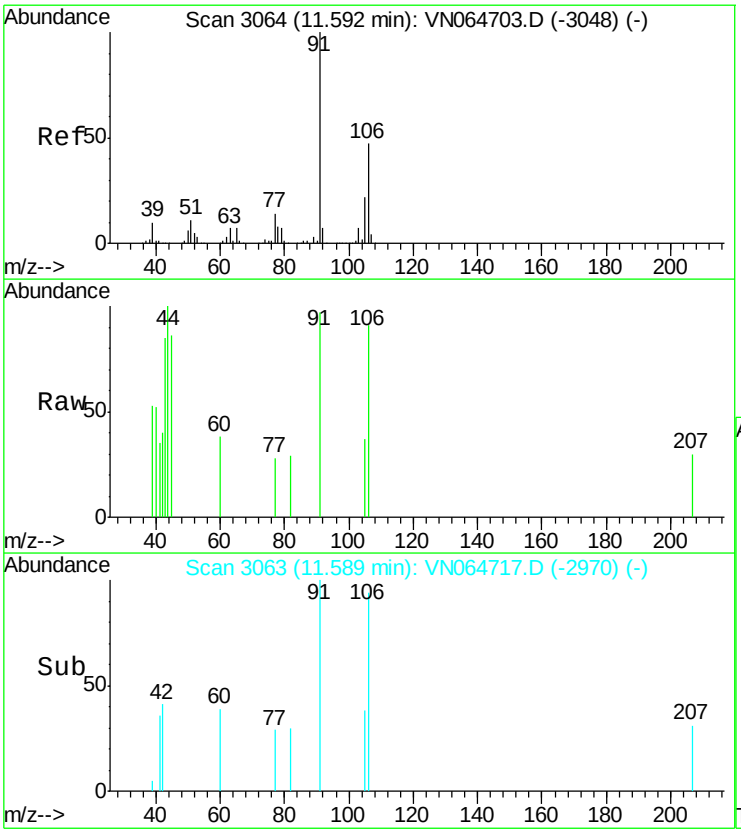
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument : MSVOA_N
ClientSampleId : MW-14

Tgt Ion:117 Resp: 455236

Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.0	70.6
119	33.0	25.4	38.2

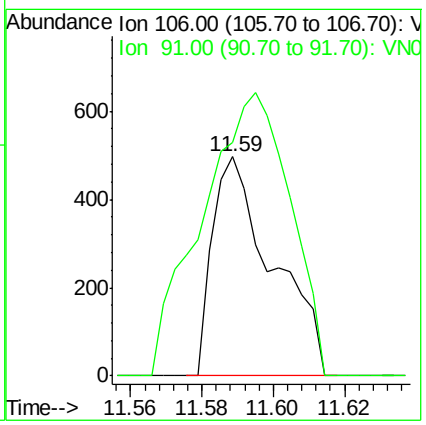


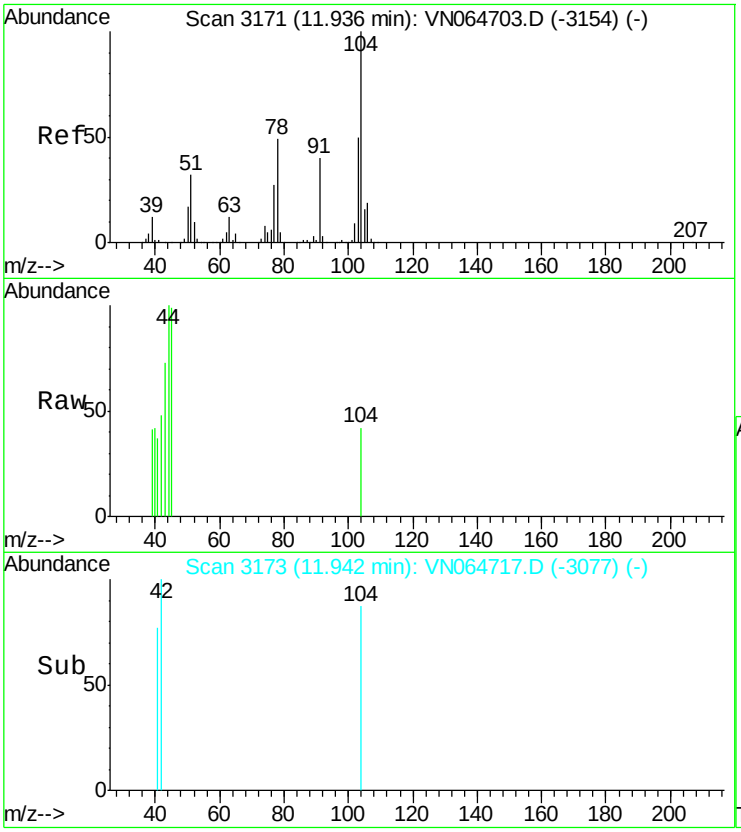


#68
m/p-Xylenes
Concen: 4.142 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion:106 Resp: 579

Ion	Ratio	Lower	Upper
106	100		
91	189.1	171.9	257.9



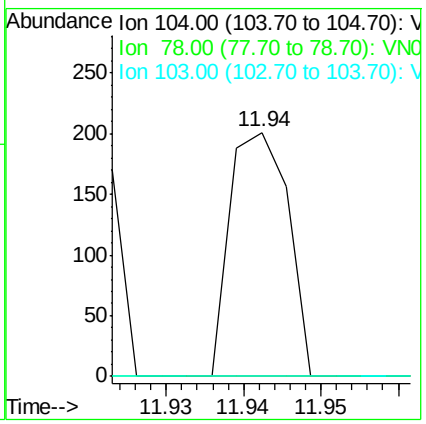


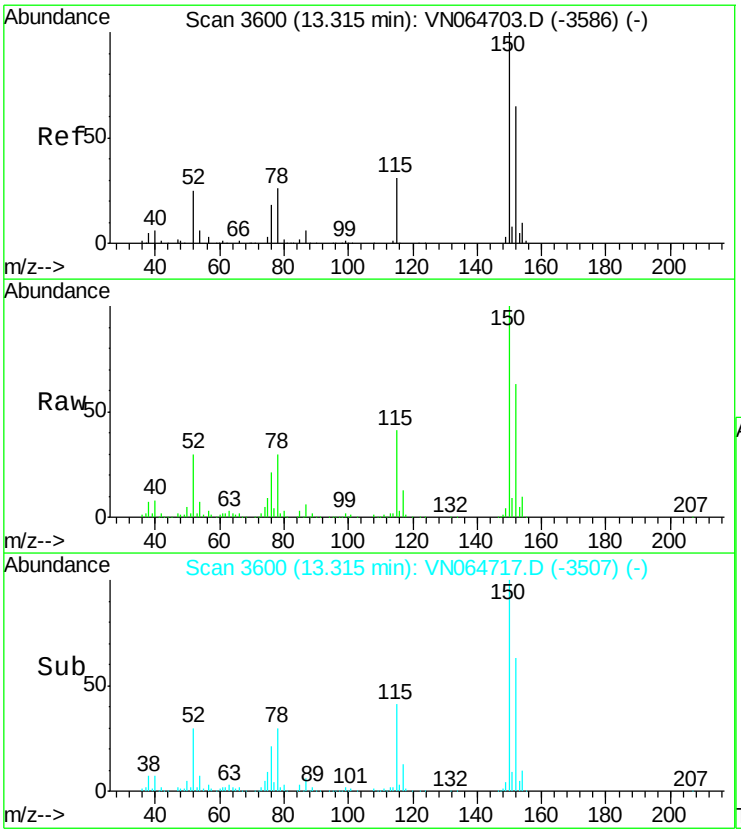
#70
Stvrene
Concen: 2.545 ug/l
RT: 11.94 min Scan# 3173
Delta R.T. 0.01 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument : MSVOA_N
ClientSampleId : MW-14

Tgt Ion:104 Resp: 105

Ion	Ratio	Lower	Upper
104	100		
78	0.0	44.1	66.1#
103	0.0	43.7	65.5#

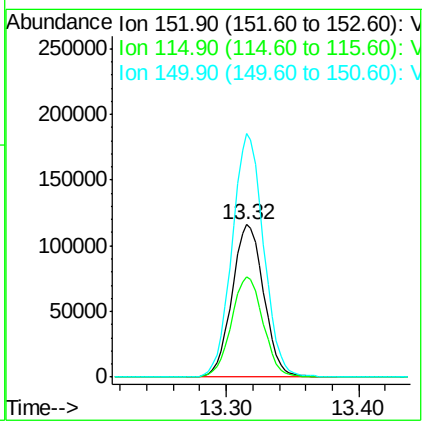


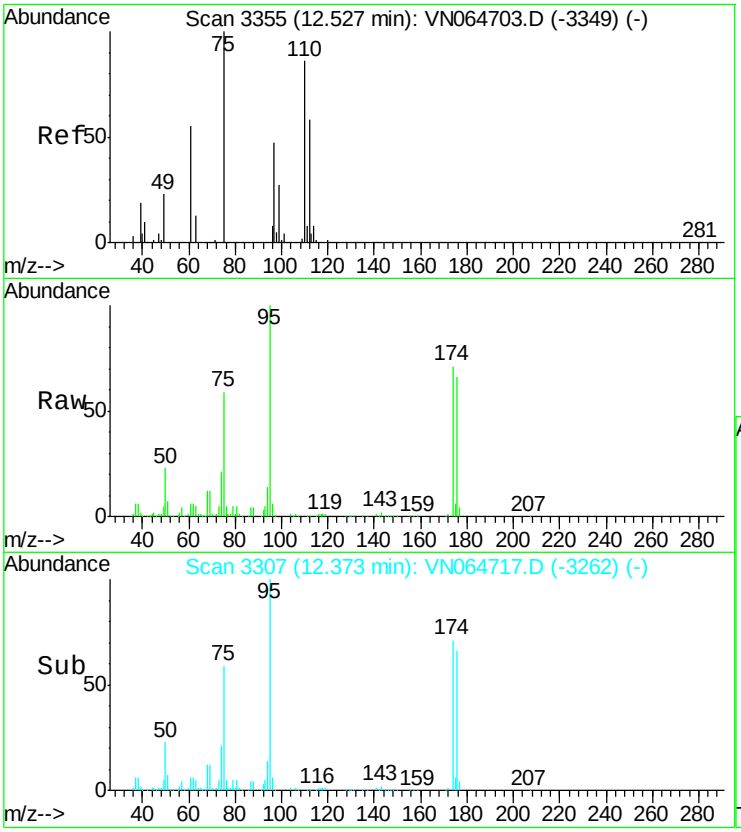


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion:152 Resp: 192996

Ion	Ratio	Lower	Upper
152	100		
115	65.9	32.1	96.3
150	159.2	0.0	344.8



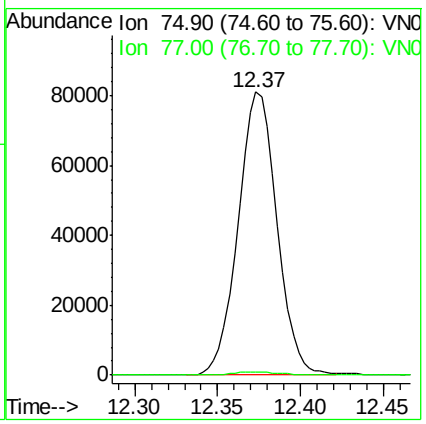


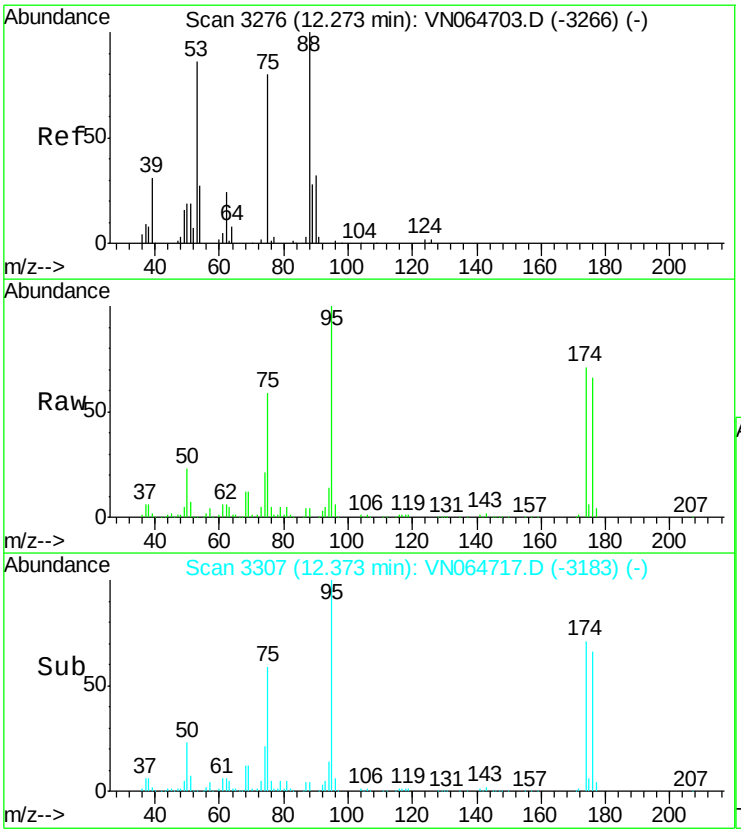
#76
1,2,3-Trichloropropane
Concen: 31.664 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion: 75 Resp: 131673

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

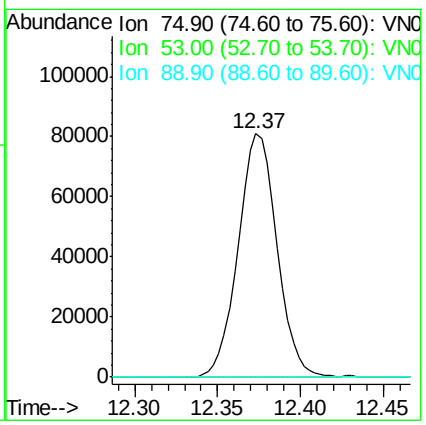


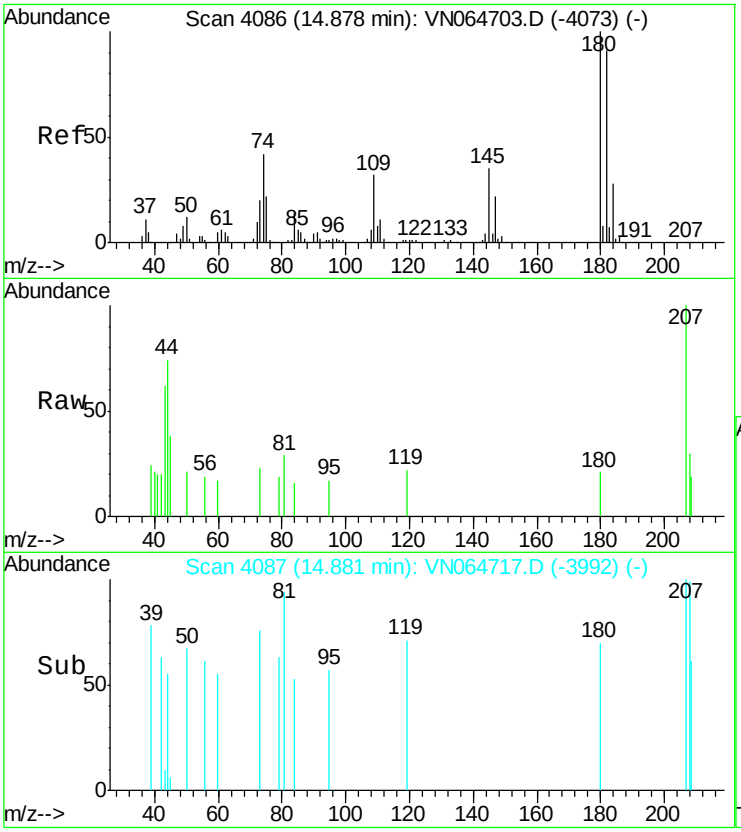


#81
trans-1,4-Dichloro-2-butene
Concen: 80.633 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion: 75 Resp: 131673

Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.8	133.2#
89	0.0	43.1	64.7#



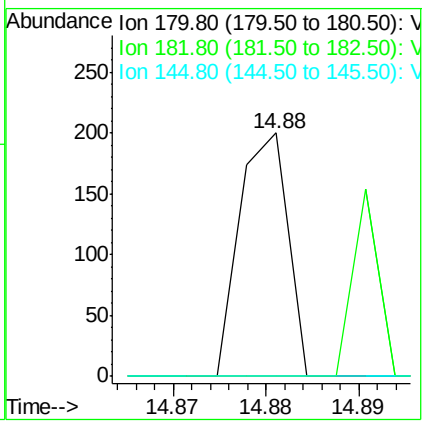


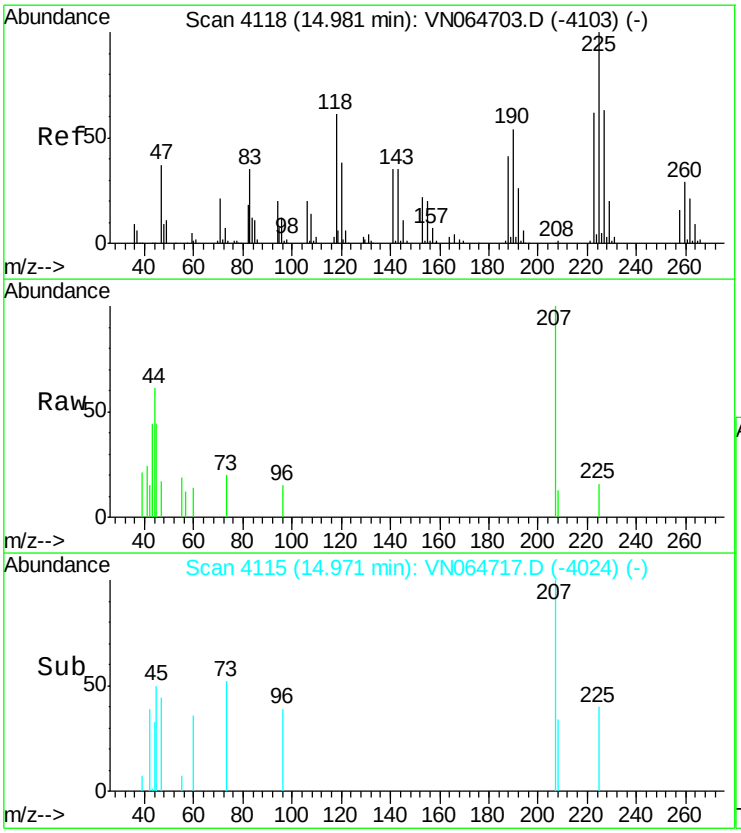
#93
1,2,4-Trichlorobenzene
Concen: 1.353 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion:180 Resp: 72

Ion	Ratio	Lower	Upper
180	100		
182	41.7	47.3	141.8#
145	0.0	17.5	52.5#

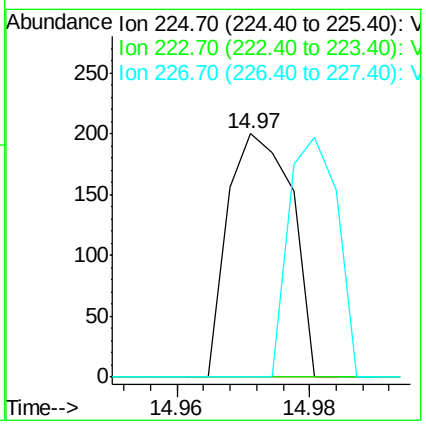


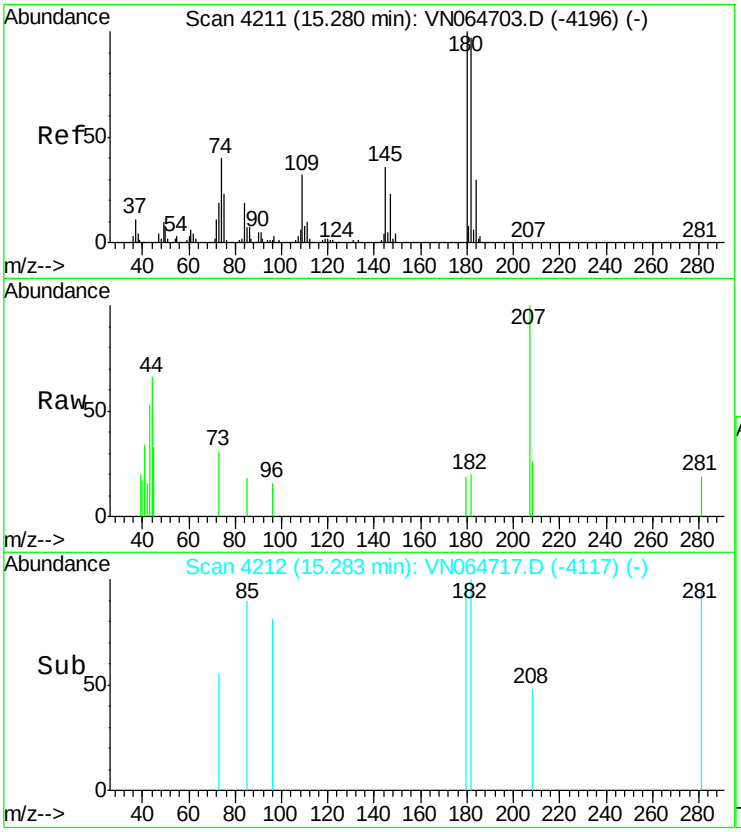


#94
Hexachlorobutadiene
Concen: Below Cal
RT: 14.97 min Scan# 4115
Delta R.T. -0.01 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Tgt Ion:225 Resp: 134

Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.2	93.6#
227	76.1	32.1	96.3





#96
1,2,3-Trichlorobenzene
Concen: 0.781 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064717.D
Acq: 18 Nov 2020 19:24

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion:180 Resp: 73

Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.5	142.5
145	0.0	18.1	54.1#