Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111820\
Data File : VN064716.D
Acq On : 18 Nov 2020 19:00
Operator : JC/MD
Sample : L4783-16 40X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6

Quant Time: Nov 19 01:36:48 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	220914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	454371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	473146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203830	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	207294	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.68%			
35) Dibromofluoromethane	7.55	113	130479	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.90%			
50) Toluene-d8	10.06	98	573007	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.50%			
62) 4-Bromofluorobenzene	12.38	95	237189	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.98%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	667	0.219	ug/l #	42
5) Bromomethane	2.53	94	541	0.232	ug/l #	47
11) Tert butyl alcohol	4.75	59	133481	354.035	ug/l	98
13) Acrolein	3.57	56	31	0.351	ug/l #	1
15) Acrylonitrile	4.99	53	13051	11.789	ug/l #	40
16) Acetone	3.78	43	619	5.709	ug/l #	53
17) Carbon Disulfide	4.01	76	1246	0.311	ug/l #	75
18) Methyl Acetate	4.27	43	918	1.648	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1071694	134.852	ug/l	100
20) Methylene Chloride	4.49	84	1012	0.352	ug/l #	17
25) 2-Butanone	6.78	43	546	0.367	ug/l #	51
31) Cyclohexane	7.62	56	6733	1.603	ug/l #	37
36) 1,1-Dichloropropene	7.62	75	21991	4.704	ug/l #	50
38) Carbon Tetrachloride	7.63	117	26691	5.373	ug/l #	17
51) 4-Methyl-2-Pentanone	9.95	43	435	6.222	ug/l #	39
56) Ethyl methacrylate	10.32	69	77	2.689	ug/l #	25
58) 2-Chloroethyl Vinyl ether	9.65	63	80	13.298	ug/l #	49
59) 2-Hexanone	10.73	43	398	8.554	ug/l #	28
68) m/p-Xylenes	11.59	106	897	4.181	ug/l	95
70) Styrene	11.94	104	238	2.555	ug/l #	34
76) 1,2,3-Trichloropropane	12.37	75	135385	30.827	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.37	75	135385	78.540	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.02	105	3645	0.297	ug/l	97
93) 1,2,4-Trichlorobenzene	14.89	180	721	1.530	ug/l #	40
94) Hexachlorobutadiene	14.99	225	396	Below Cal	#	45
95) Naphthalene	15.11	128	2840	0.248	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.28	180	287	0.841	ug/l #	39

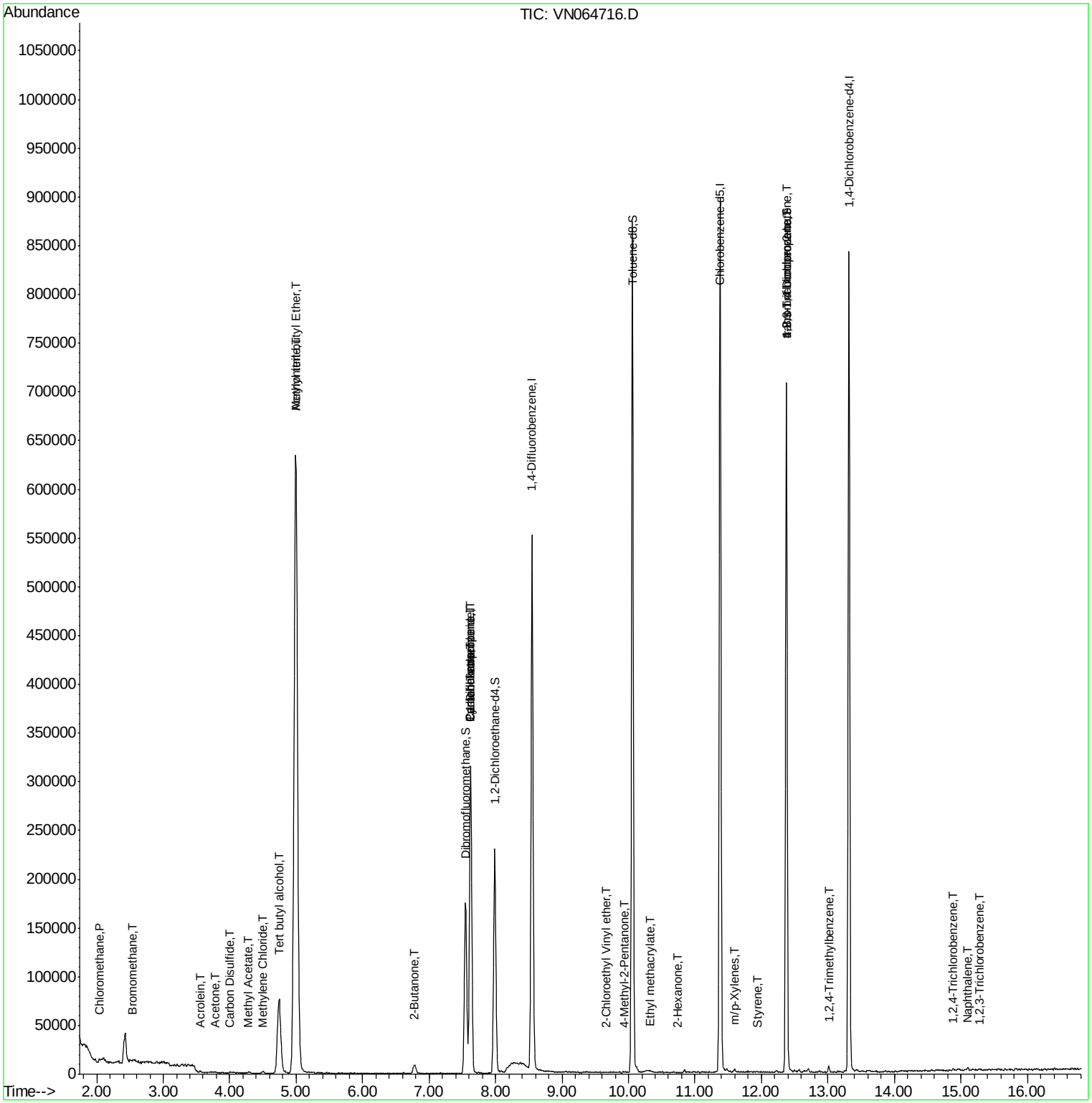
(#) = qualifier out of range (m) = manual integration (+) = signals summed

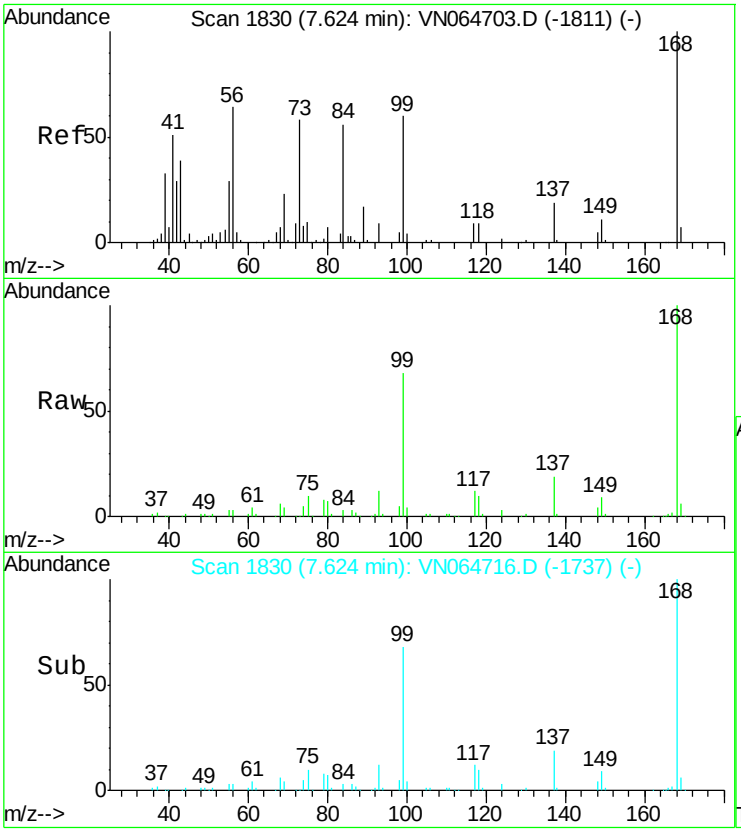
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111820\
Data File : VN064716.D
Acq On : 18 Nov 2020 19:00
Operator : JC/MD
Sample : L4783-16 40X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-6

Quant Time: Nov 19 01:36:48 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



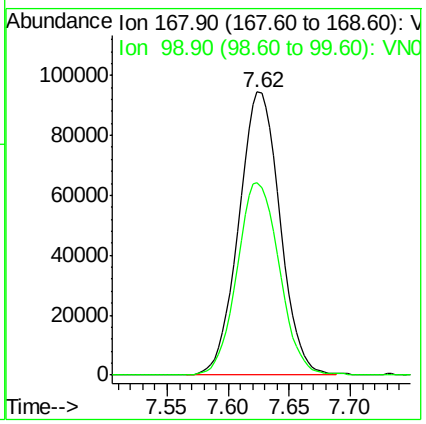


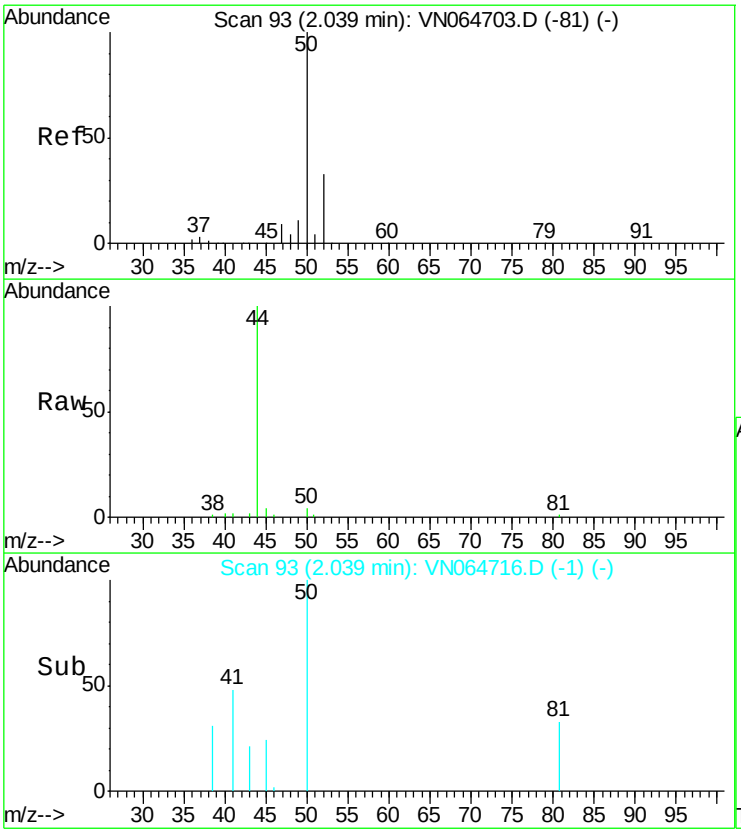
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion:168 Resp: 220914

Ion	Ratio	Lower	Upper
168	100		
99	68.1	55.7	83.5

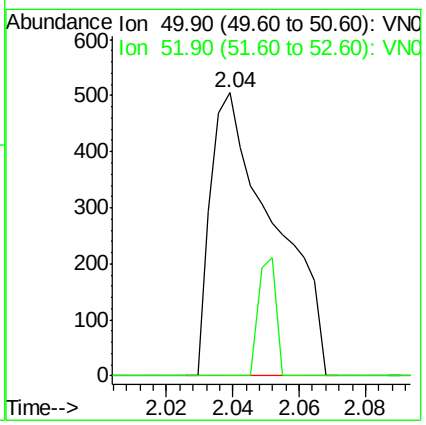


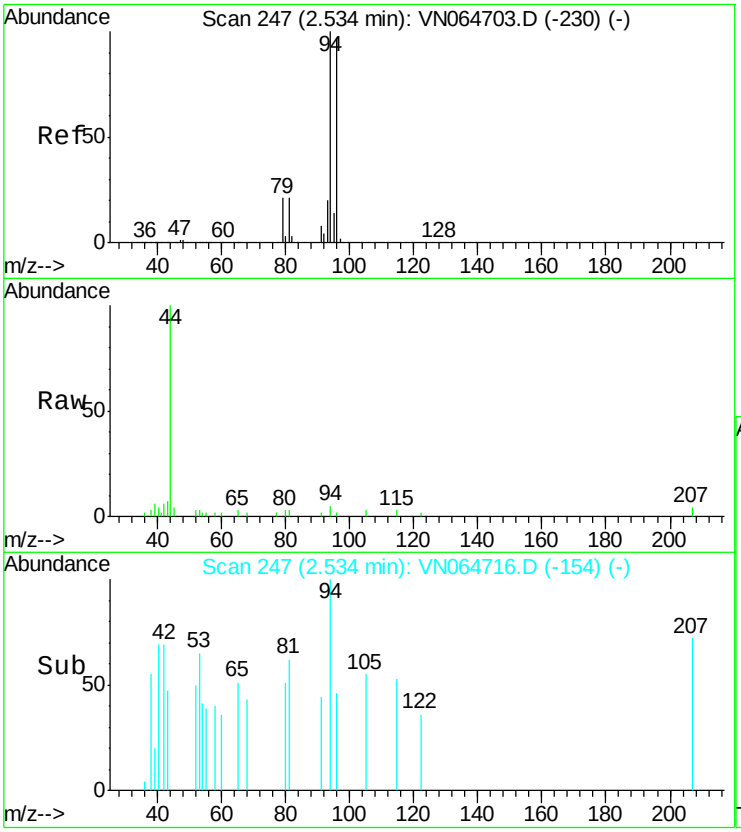


#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.04 min Scan# 93
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 50 Resp: 667

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



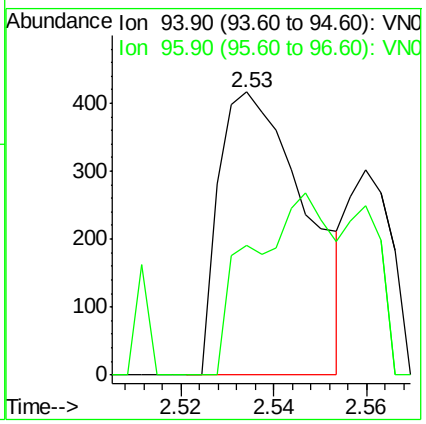


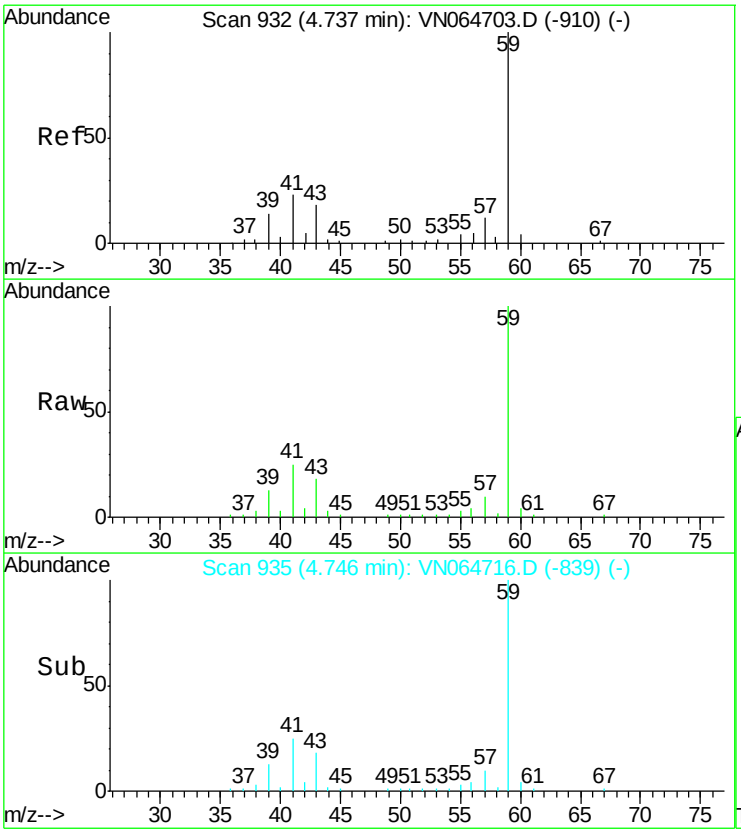
#5
Bromomethane
Concen: 0.232 ug/l
RT: 2.53 min Scan# 247
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion: 94 Resp: 541

Ion	Ratio	Lower	Upper
94	100		
96	45.6	77.8	116.8#

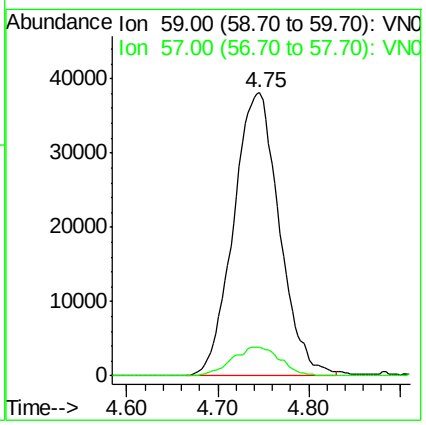


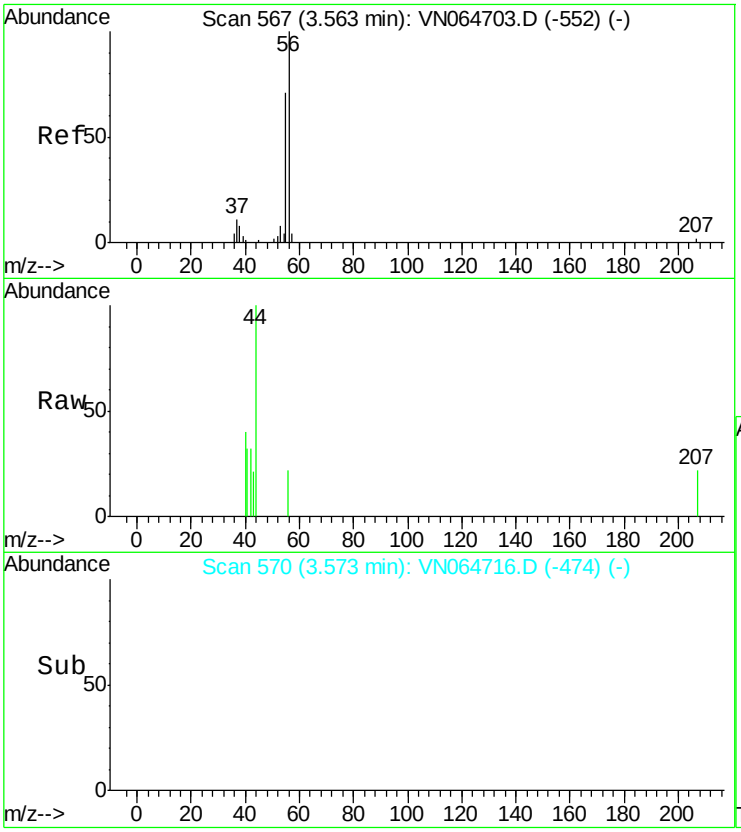


#11
Tert butyl alcohol
Concen: 354.035 ug/l
RT: 4.75 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 59 Resp: 133481

Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.1	13.7



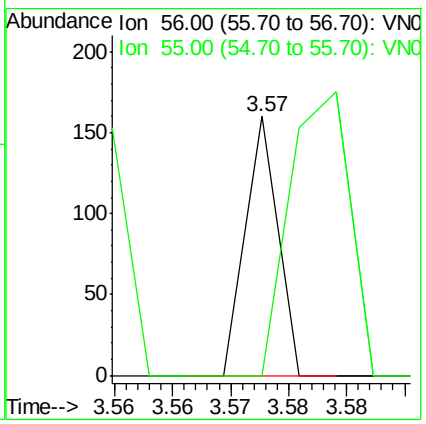


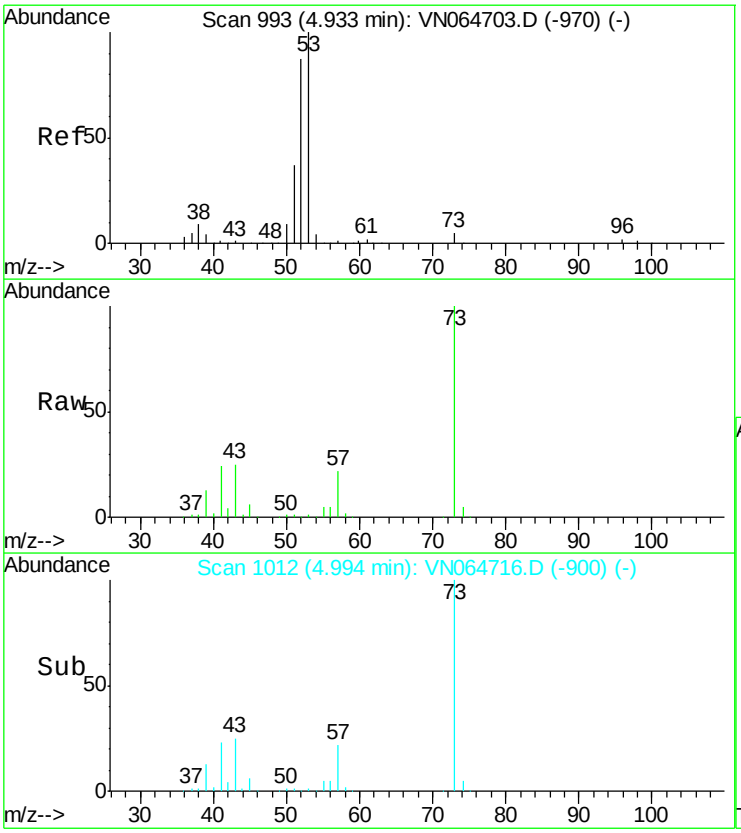
#13
Acrolein
Concen: 0.351 ug/l
RT: 3.57 min Scan# 570
Delta R.T. 0.01 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument : MSVOA_N
ClientSampleId : MW-6

Tgt Ion: 56 Resp: 31

Ion	Ratio	Lower	Upper
56	100		
55	203.2	61.8	92.6#

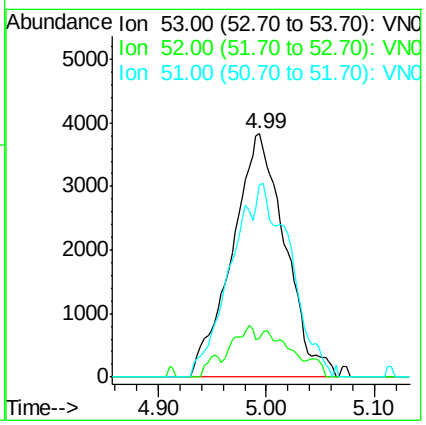


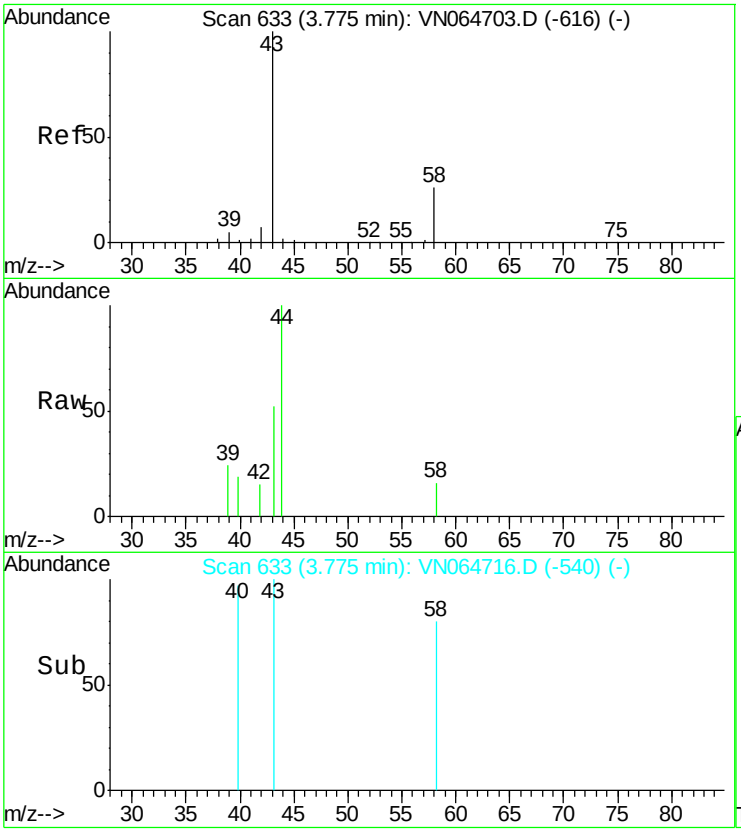


#15
Acrylonitrile
Concen: 11.789 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.06 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 53 Resp: 13051

Ion	Ratio	Lower	Upper
53	100		
52	5.6	67.2	100.8#
51	36.7	31.0	46.6



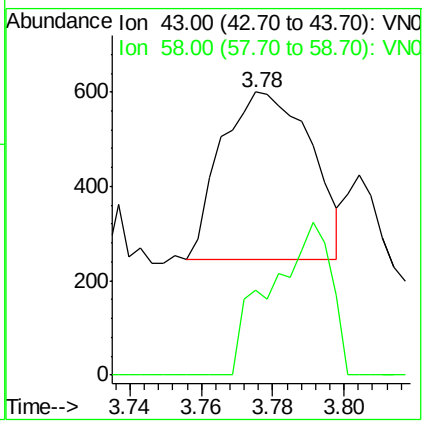


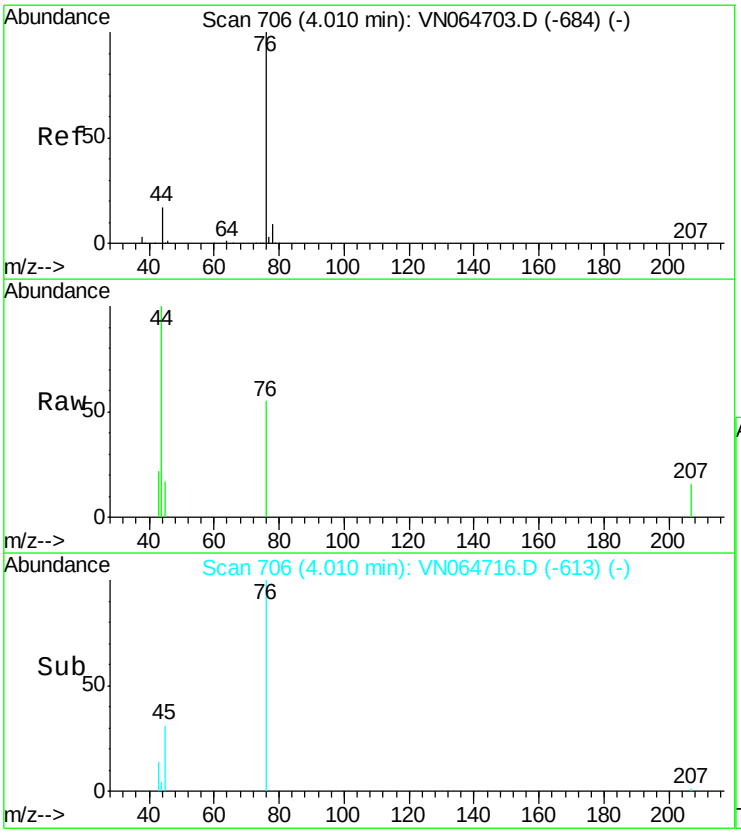
#16
Acetone
Concen: 5.709 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion: 43 Resp: 619

Ion	Ratio	Lower	Upper
43	100		
58	50.7	21.2	31.8#

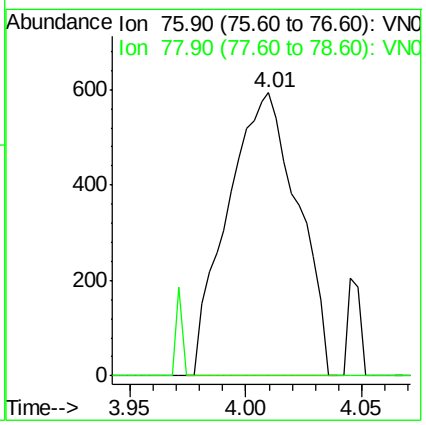


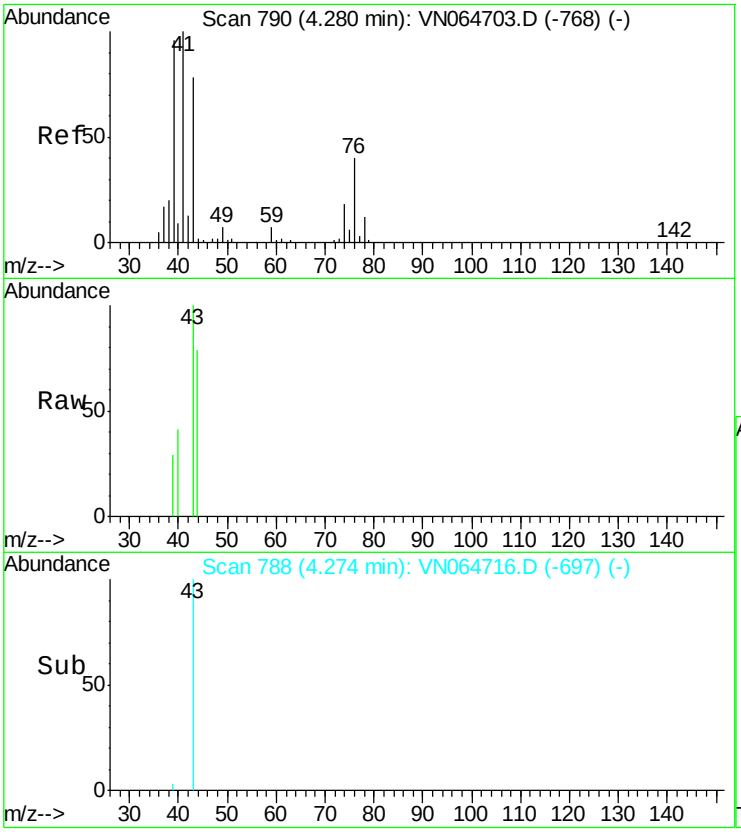


#17
Carbon Disulfide
Concen: 0.311 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 76 Resp: 1246

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.1	10.7#



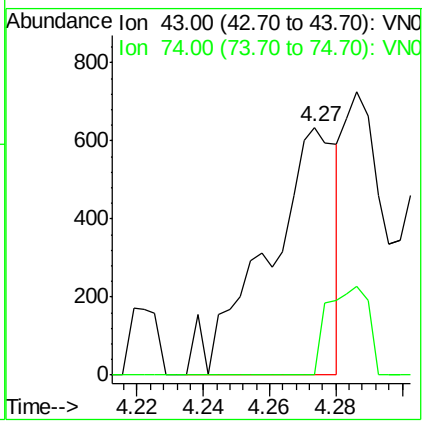


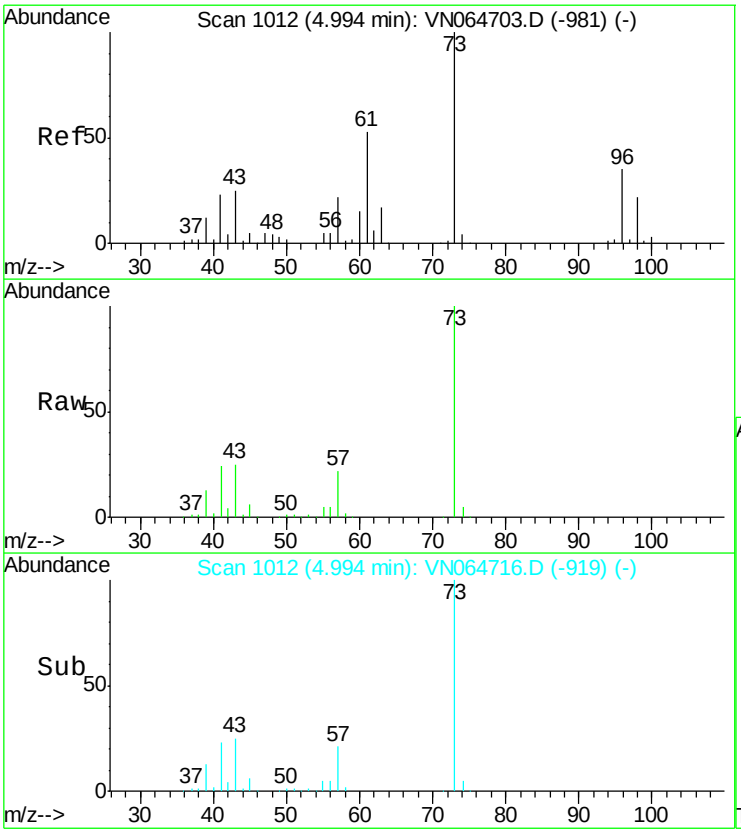
#18
Methyl Acetate
Concen: 1.648 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument : MSVOA_N
ClientSampleId : MW-6

Tgt Ion: 43 Resp: 918

Ion	Ratio	Lower	Upper
43	100		
74	21.0	17.6	26.4

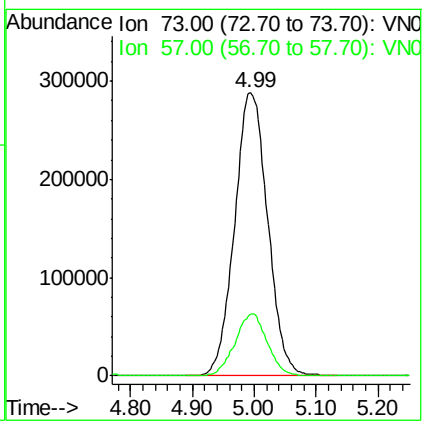


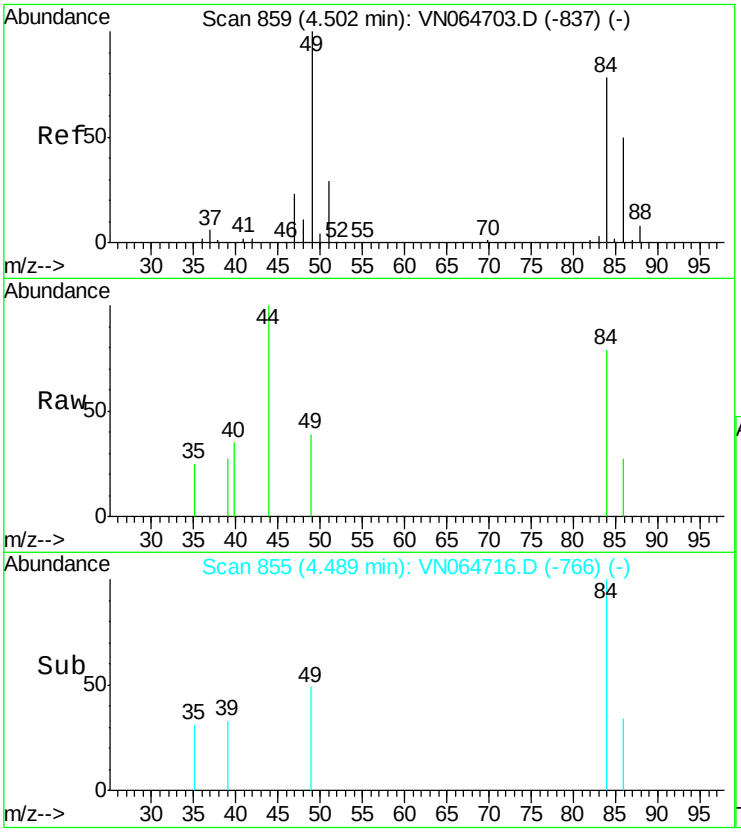


#19
Methyl tert-butyl Ether
Concen: 134.852 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 73 Resp: 1071694

Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.3	25.9



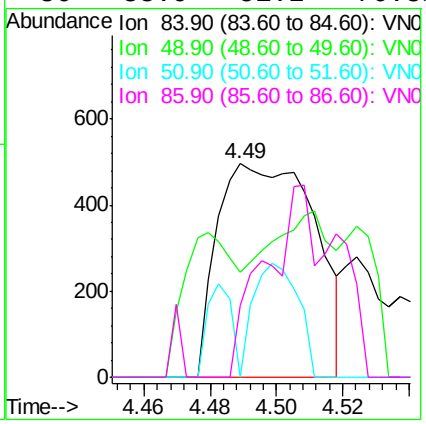


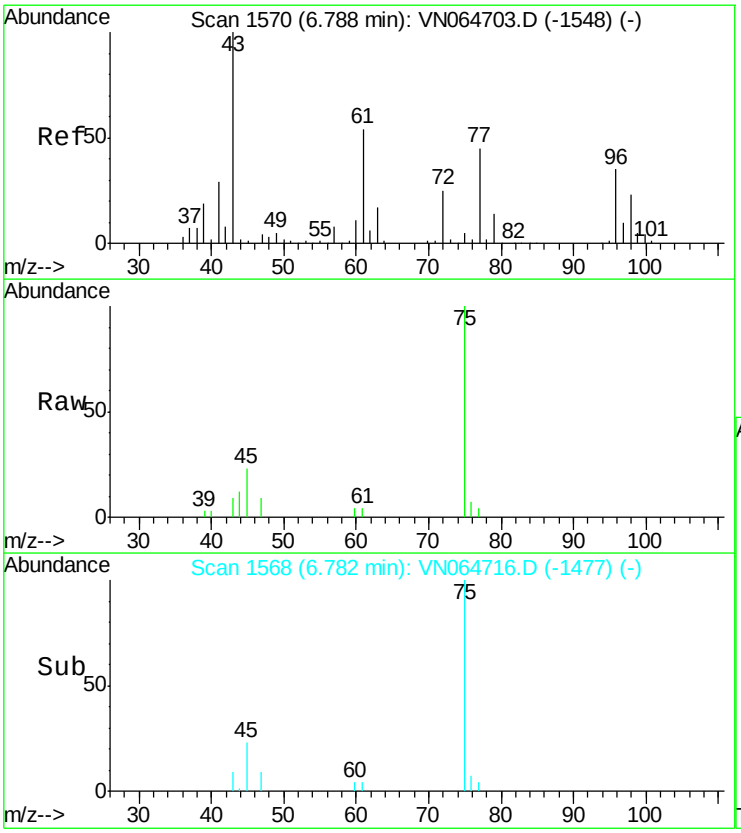
#20
Methylene Chloride
Concen: 0.352 ug/l
RT: 4.49 min Scan# 855
Delta R.T. -0.01 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument : MSVOA_N
ClientSampleId : MW-6

Tgt Ion: 84 Resp: 1012

Ion	Ratio	Lower	Upper
84	100		
49	0.0	102.4	153.6#
51	0.0	29.4	44.2#
86	33.9	51.2	76.8#

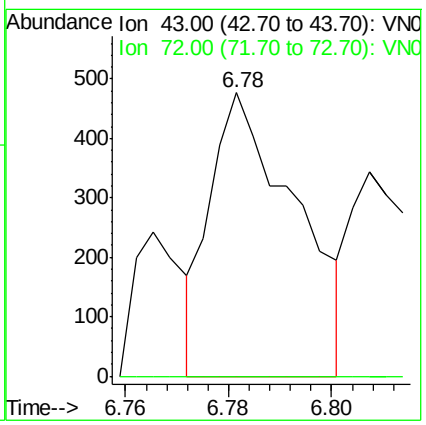


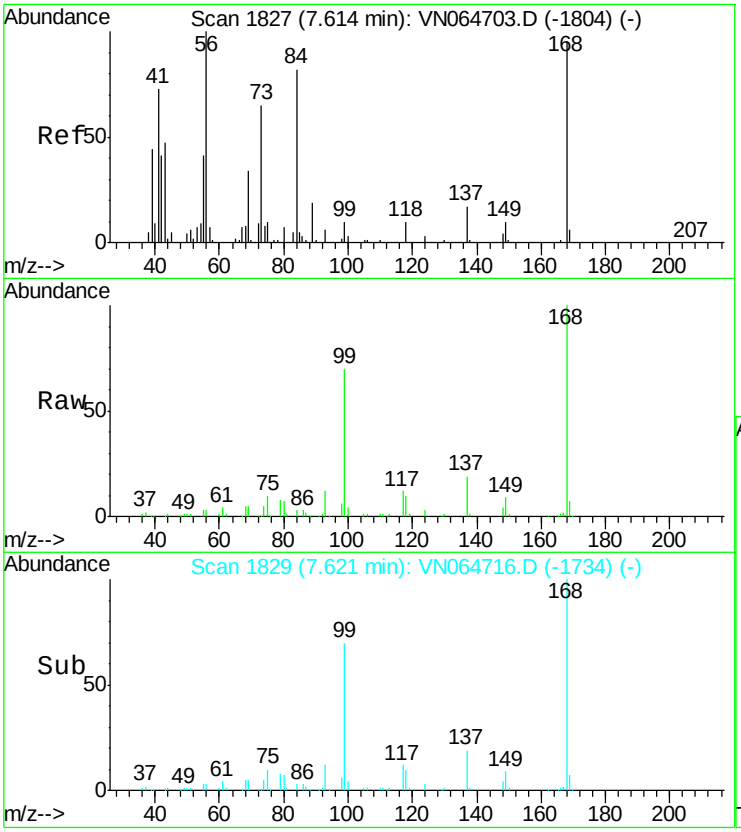


#25
2-Butanone
Concen: 0.367 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 43 Resp: 546

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.7	29.5#



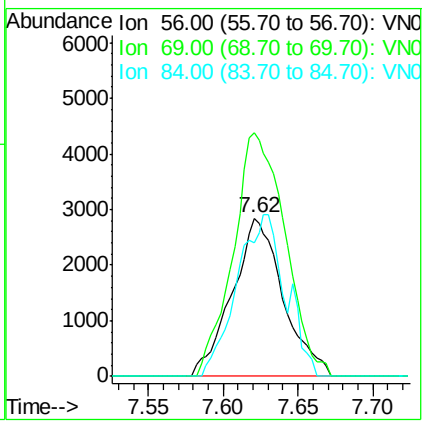


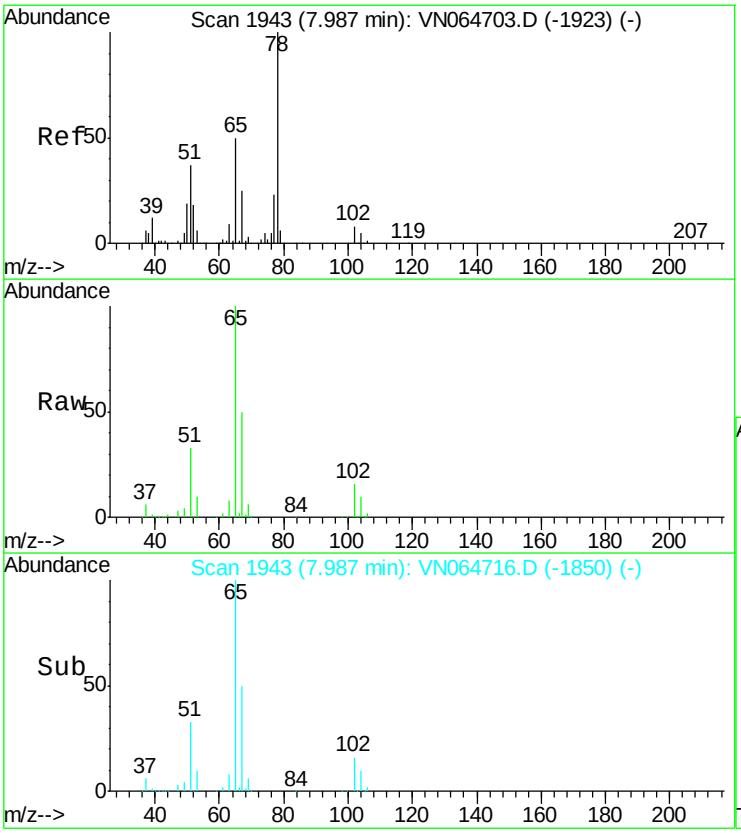
#31
Cyclohexane
Concen: 1.603 ug/l
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument : MSVOA_N
ClientSampleId : MW-6

Tgt Ion: 56 Resp: 6733

Ion	Ratio	Lower	Upper
56	100		
69	154.0	27.2	40.8#
84	84.8	65.9	98.9

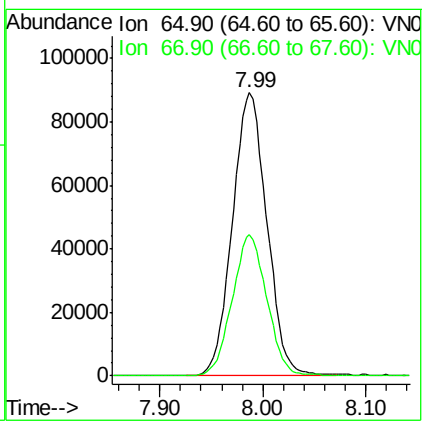


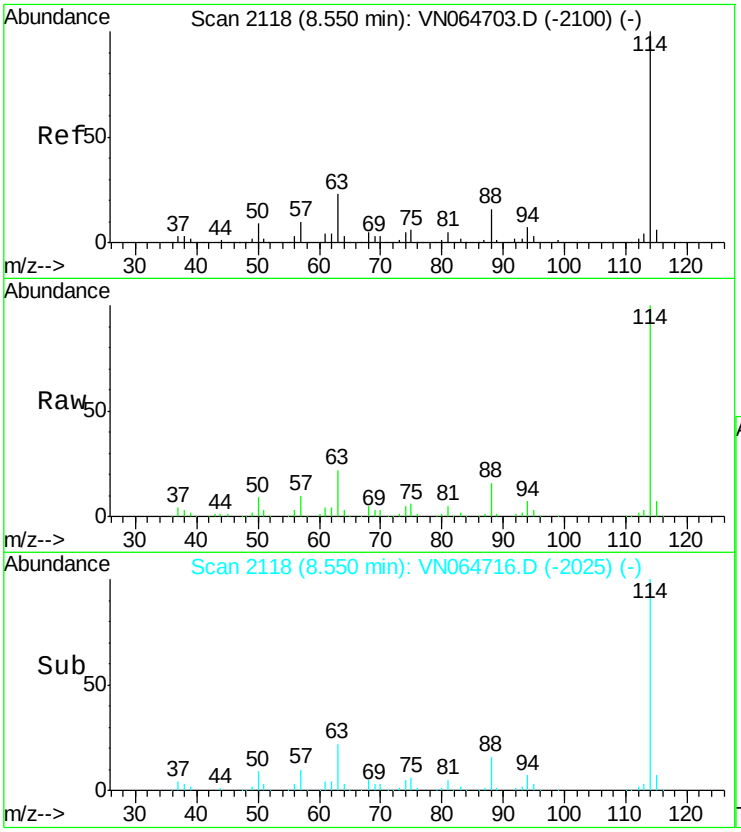


#33
1,2-Dichloroethane-d4
Concen: 53.341 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 65 Resp: 207294

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	99.8



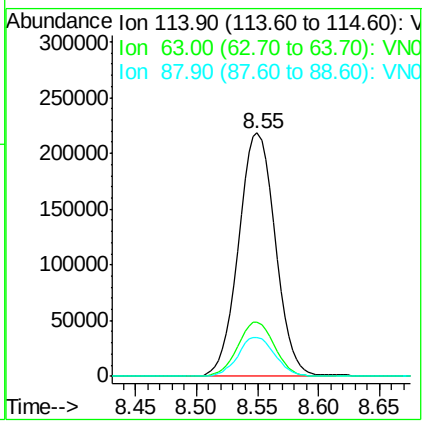


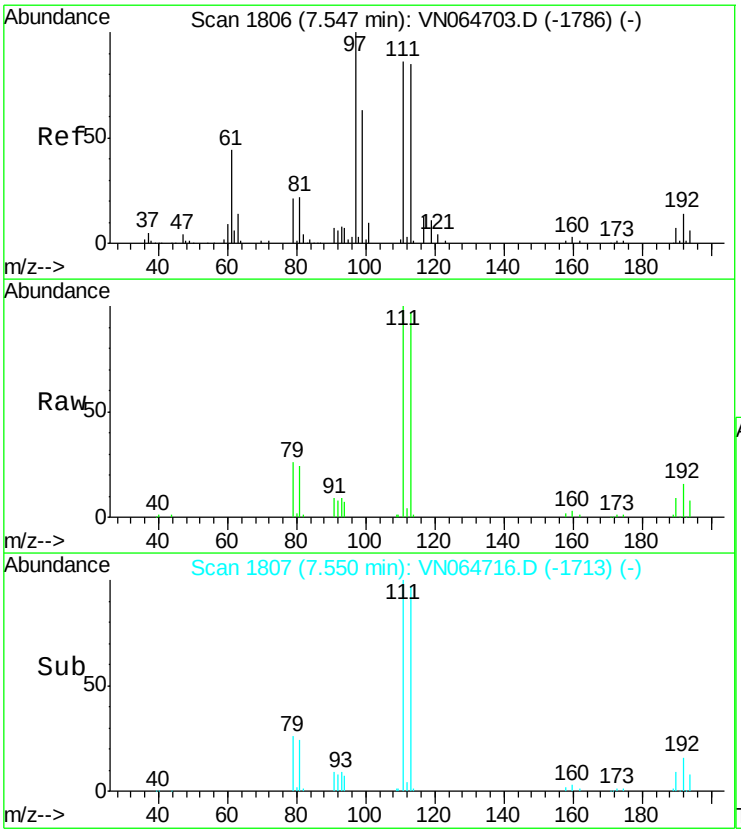
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion:114 Resp: 454371

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.0
88	16.2	0.0	31.2

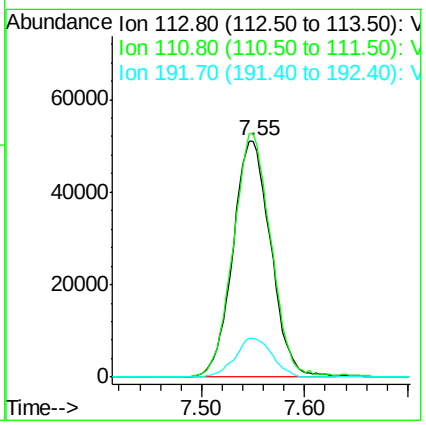


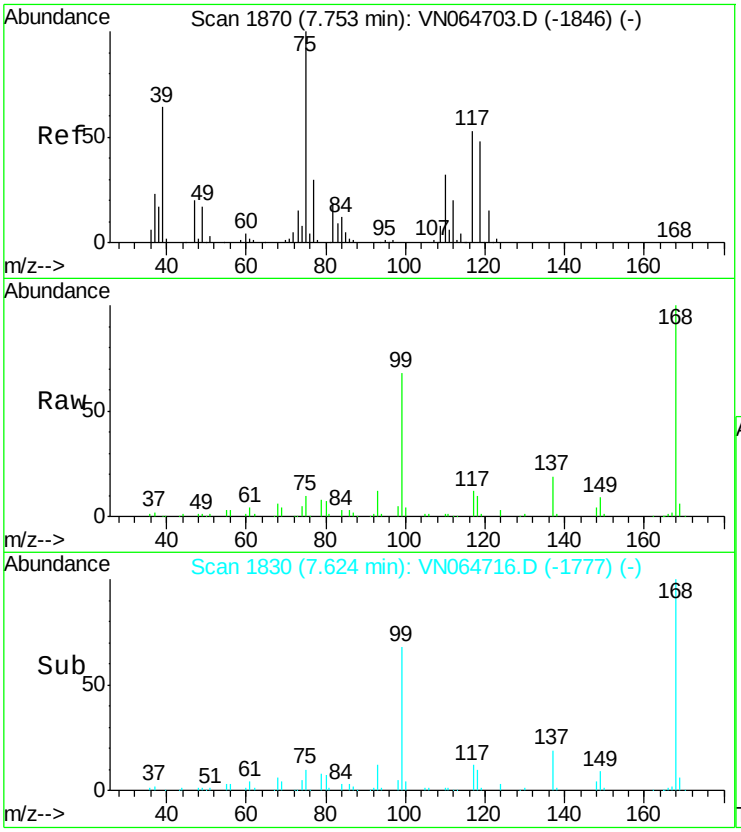


#35
Dibromofluoromethane
Concen: 50.453 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion:113 Resp: 130479

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	16.1	12.7	19.1



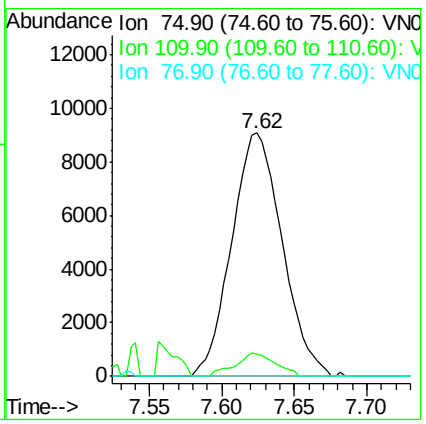


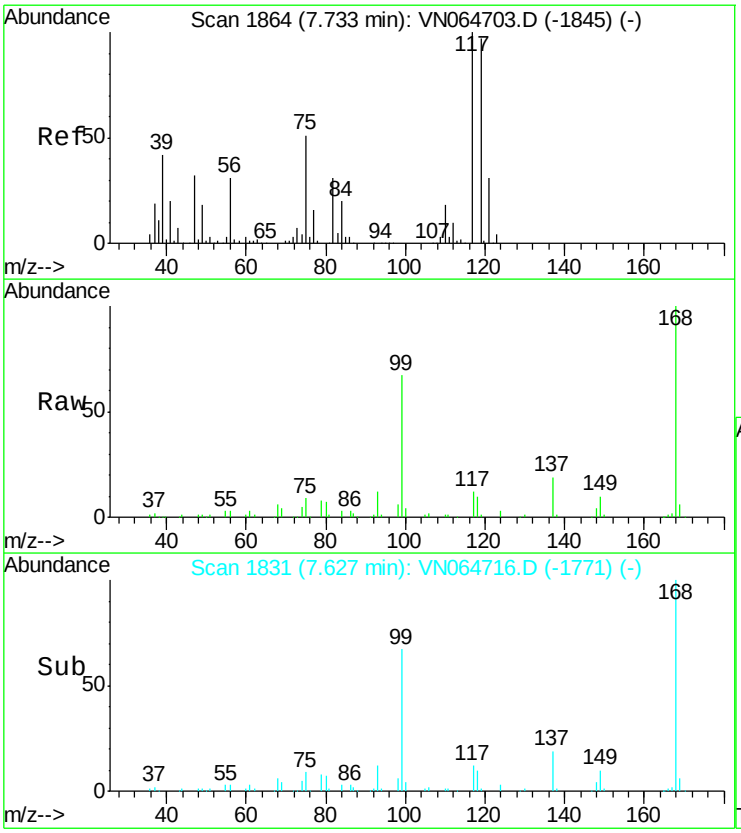
#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument : MSVOA_N
ClientSampleId : MW-6

Tgt Ion: 75 Resp: 21991

Ion	Ratio	Lower	Upper
75	100		
110	7.5	16.2	48.6#
77	0.0	24.4	36.6#

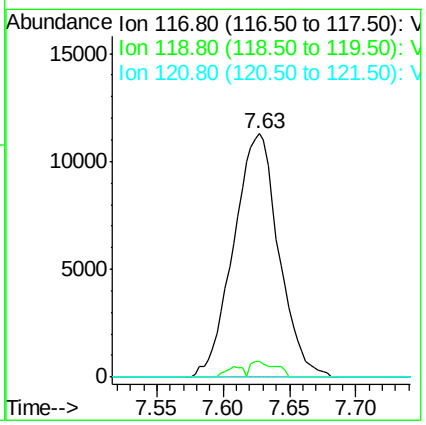


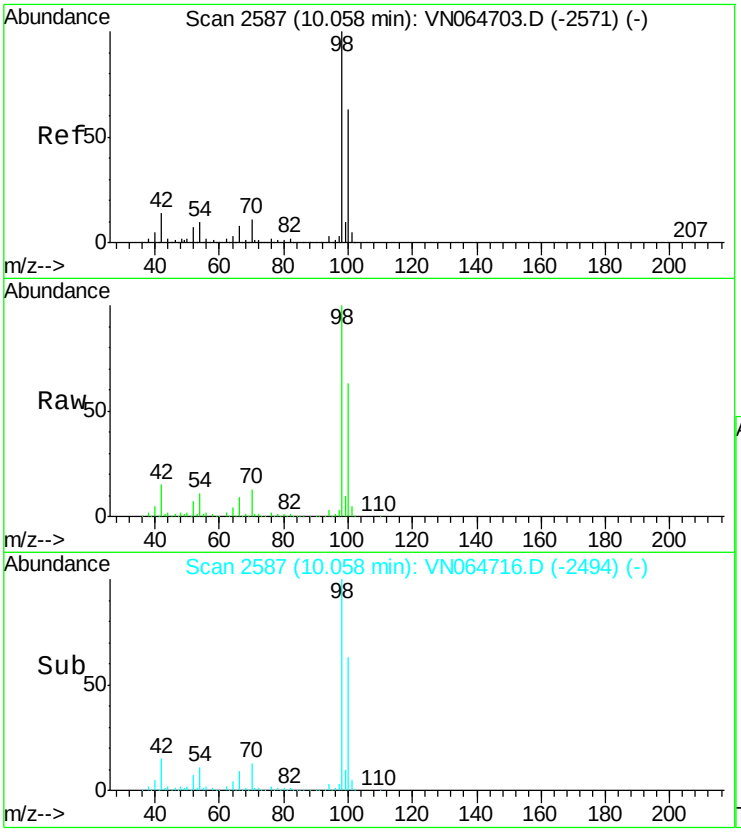


#38
Carbon Tetrachloride
Concen: 5.373 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion:117 Resp: 26691

Ion	Ratio	Lower	Upper
117	100		
119	6.6	77.8	116.6#
121	0.0	24.9	37.3#



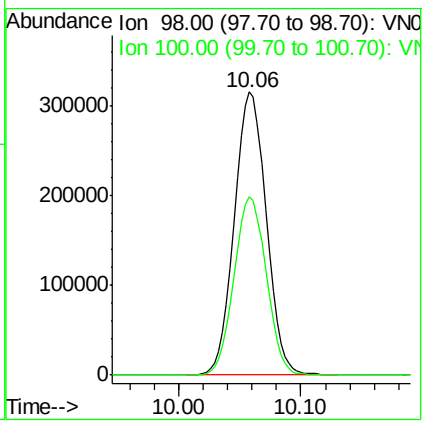


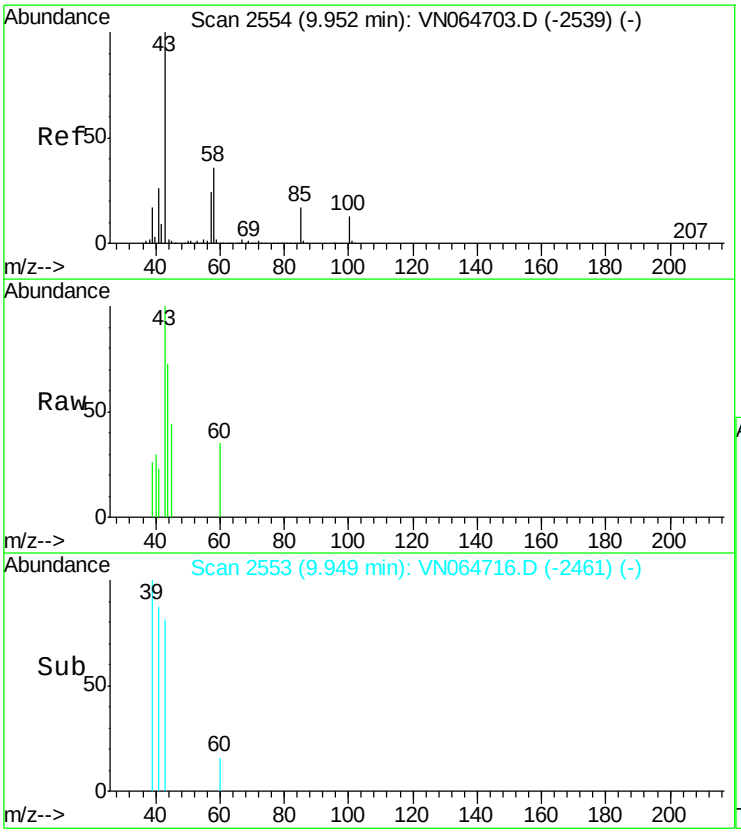
#50
Toluene-d8
Concen: 48.751 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument : MSVOA_N
ClientSampleId : MW-6

Tgt Ion: 98 Resp: 573007

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.4	75.6

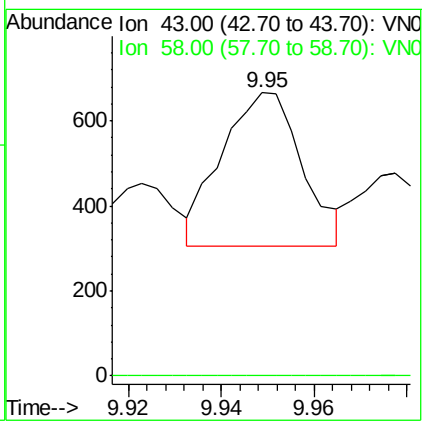


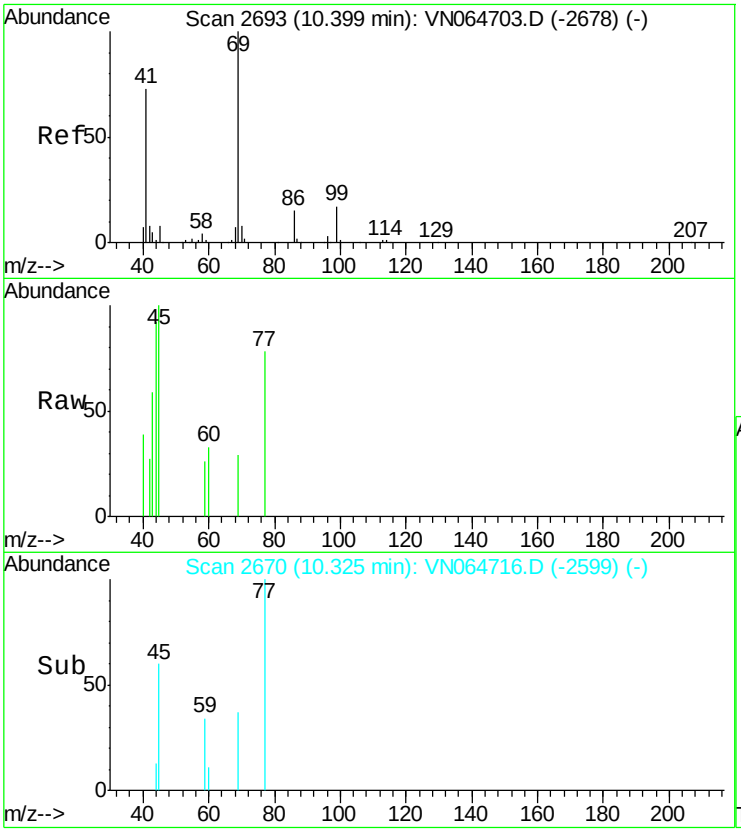


#51
4-Methyl-2-Pentanone
Concen: 6.222 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 43 Resp: 435

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.5	42.7#



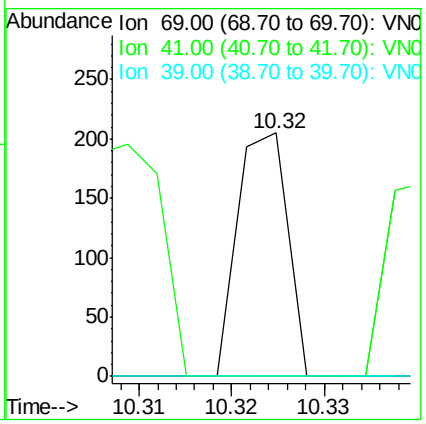


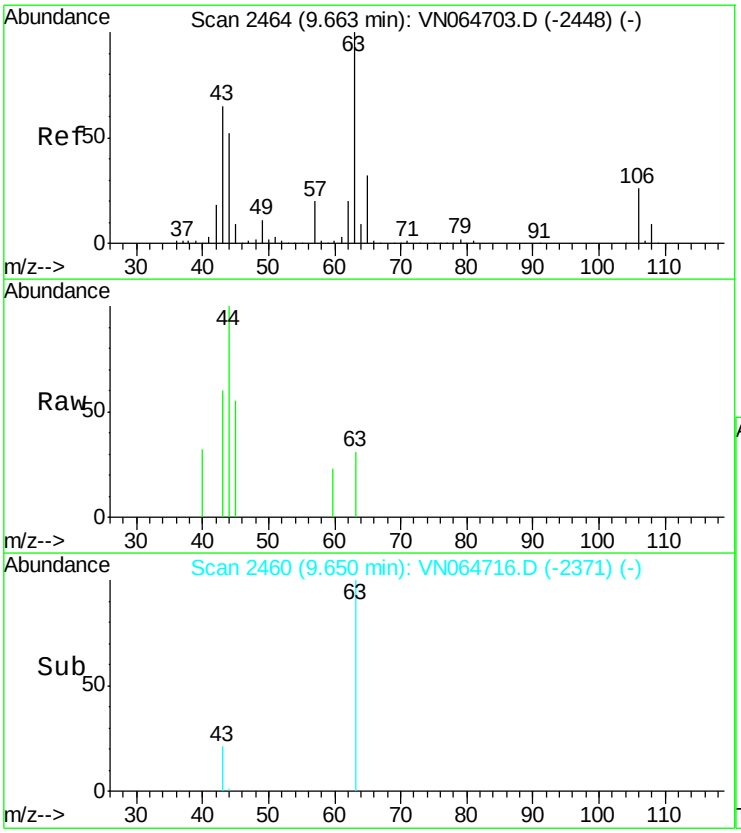
#56
Ethyl methacrylate
Concen: 2.689 ug/l
RT: 10.32 min Scan# 2670
Delta R.T. -0.07 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument : MSVOA_N
ClientSampleId : MW-6

Tgt Ion: 69 Resp: 77

Ion	Ratio	Lower	Upper
69	100		
41	139.0	59.0	88.4#
39	0.0	38.4	57.6#

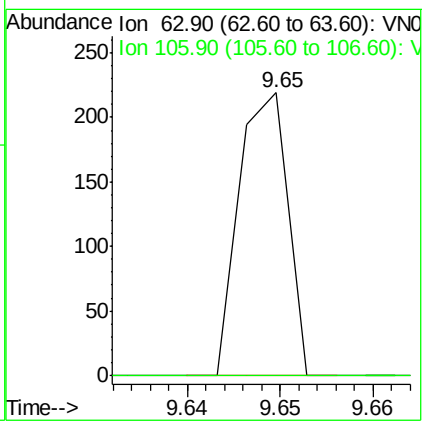


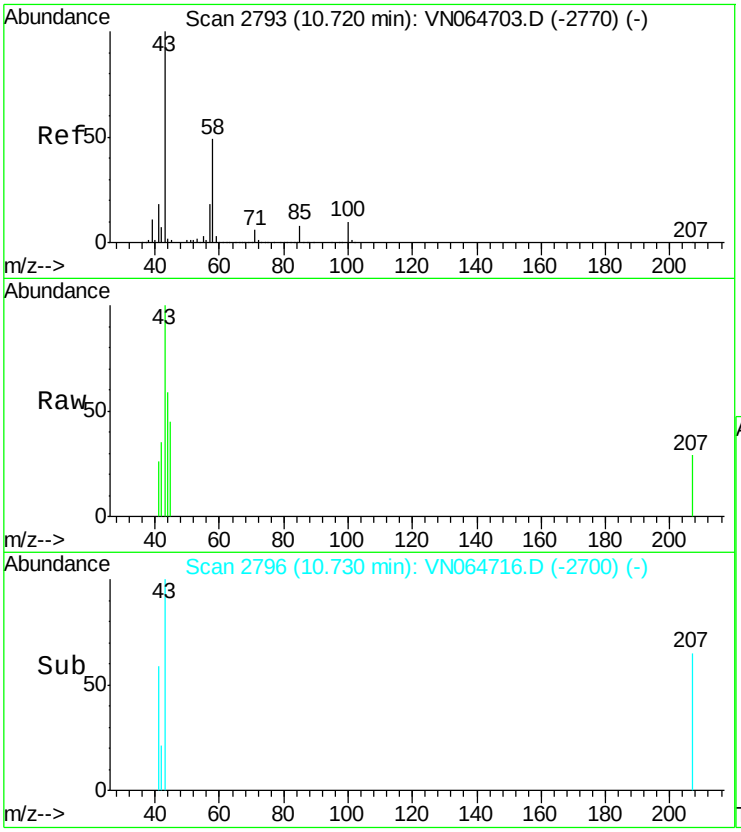


#58
2-Chloroethyl Vinyl ether
Concen: 13.298 ug/l
RT: 9.65 min Scan# 2460
Delta R.T. -0.01 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 63 Resp: 80

Ion	Ratio	Lower	Upper
63	100		
106	0.0	20.9	31.3#



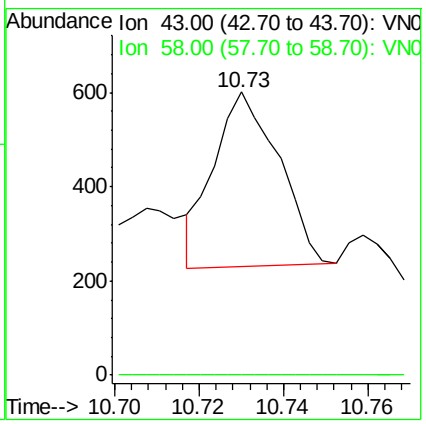


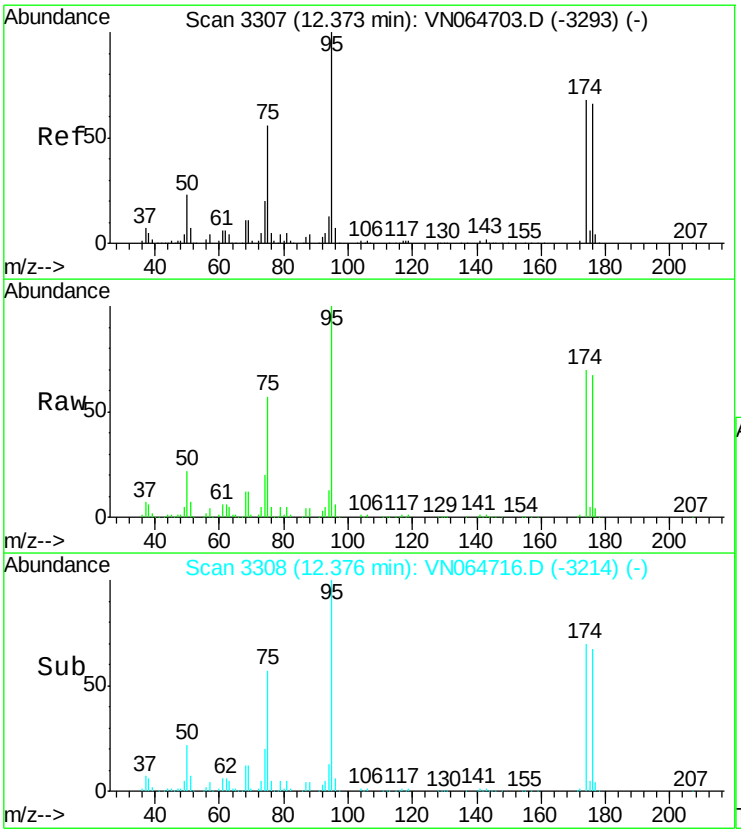
#59
2-Hexanone
Concen: 8.554 ug/l
RT: 10.73 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion: 43 Resp: 398

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.4	73.4#

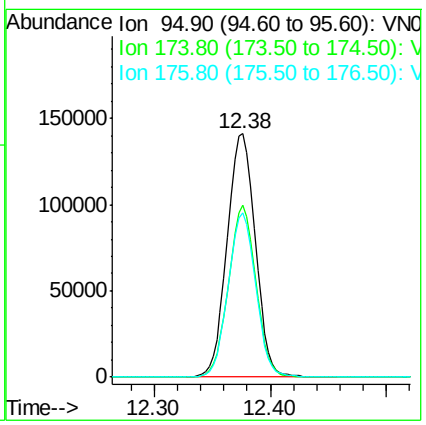


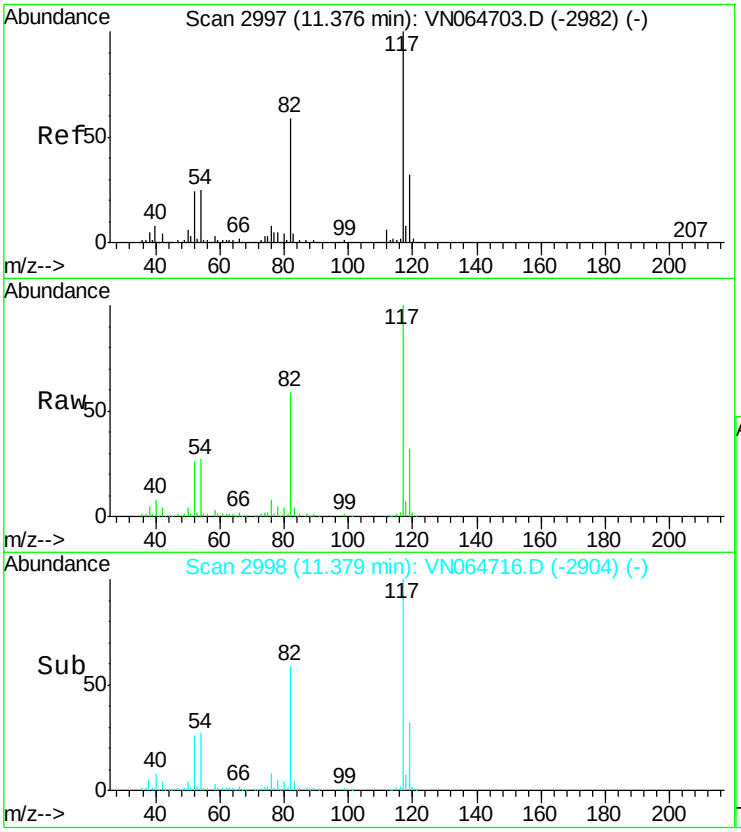


#62
4-Bromofluorobenzene
Concen: 53.989 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 95 Resp: 237189

Ion	Ratio	Lower	Upper
95	100		
174	67.9	0.0	136.8
176	65.8	0.0	134.2



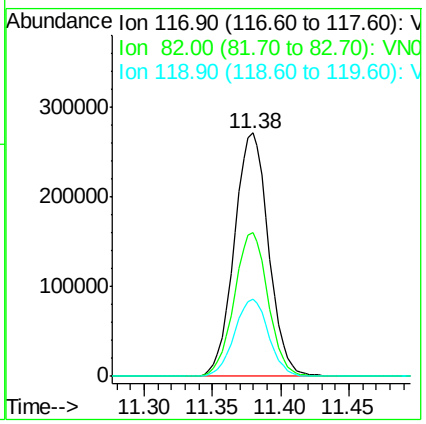


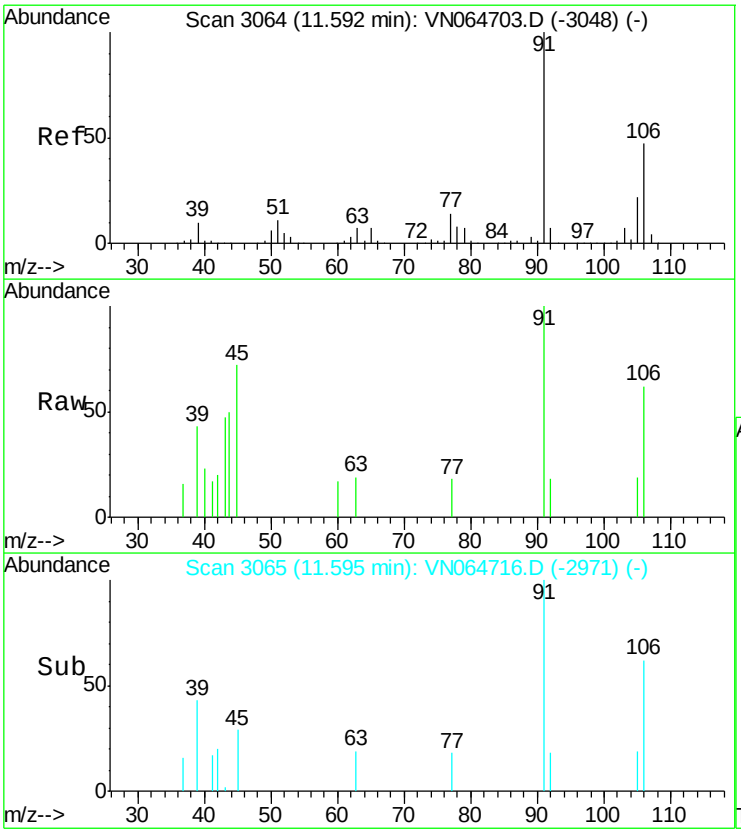
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument : MSVOA_N
ClientSampleId : MW-6

Tgt Ion:117 Resp: 473146

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.0	70.6
119	31.8	25.4	38.2

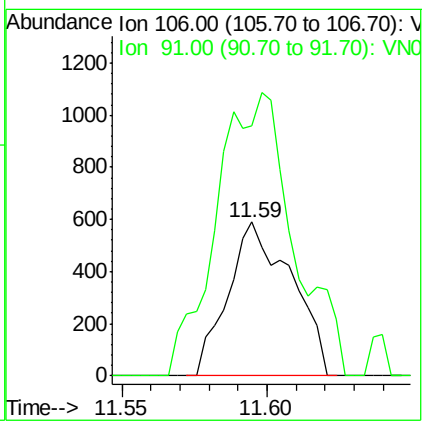


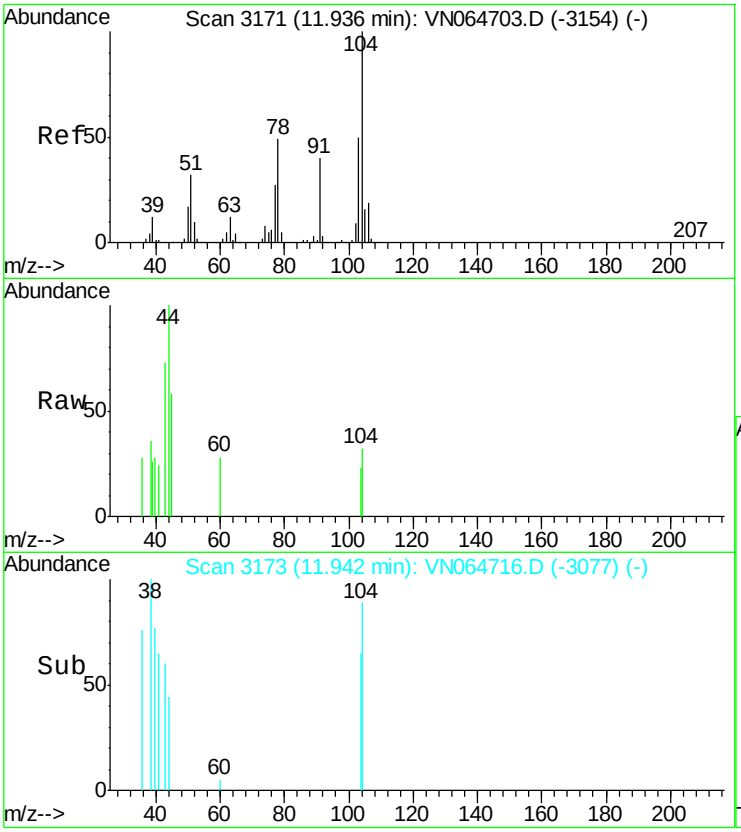


#68
m/p-Xylenes
Concen: 4.181 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion:106 Resp: 897

Ion	Ratio	Lower	Upper
106	100		
91	223.2	171.9	257.9



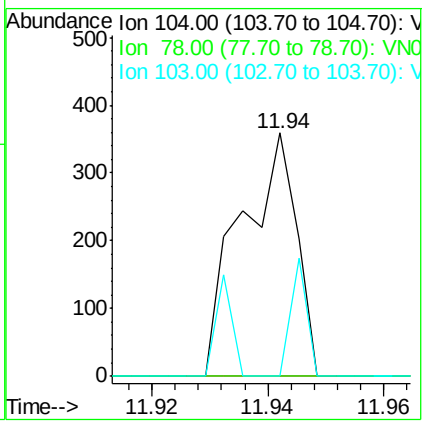


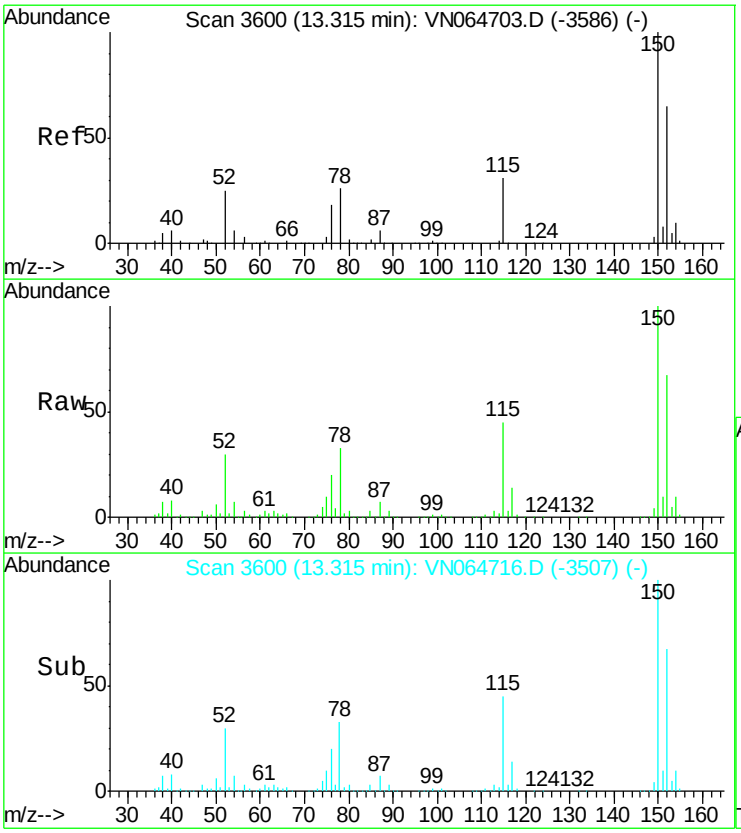
#70
Stvrene
Concen: 2.555 ug/l
RT: 11.94 min Scan# 3173
Delta R.T. 0.01 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument : MSVOA_N
ClientSampleId : MW-6

Tgt Ion:104 Resp: 238

Ion	Ratio	Lower	Upper
104	100		
78	0.0	44.1	66.1#
103	14.3	43.7	65.5#

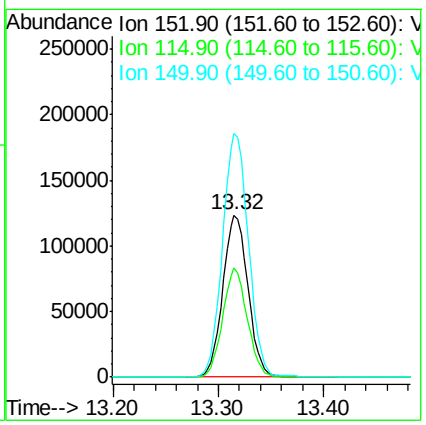


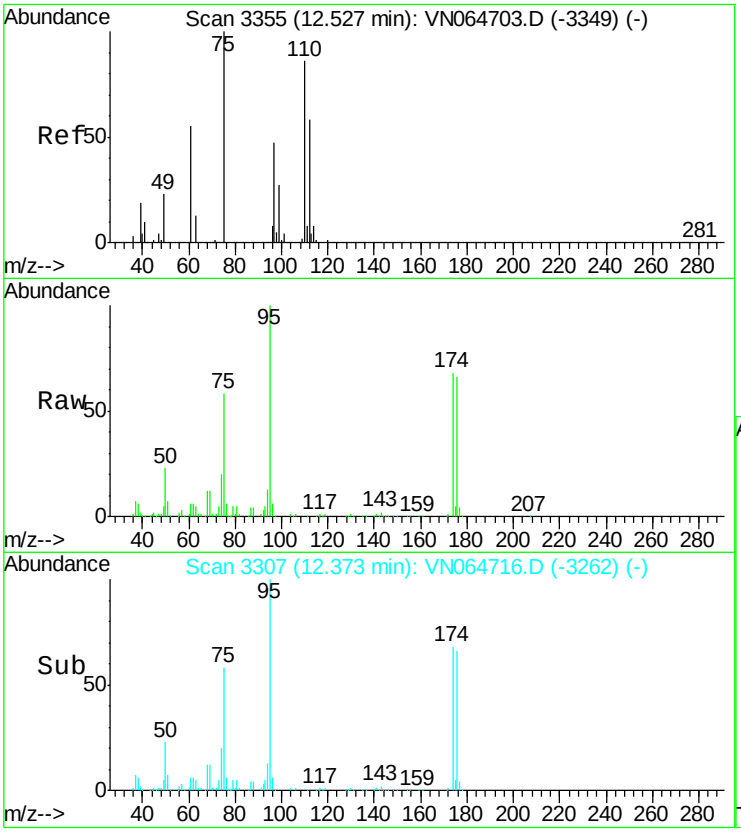


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion:152 Resp: 203830

Ion	Ratio	Lower	Upper
152	100		
115	65.4	32.1	96.3
150	154.2	0.0	344.8



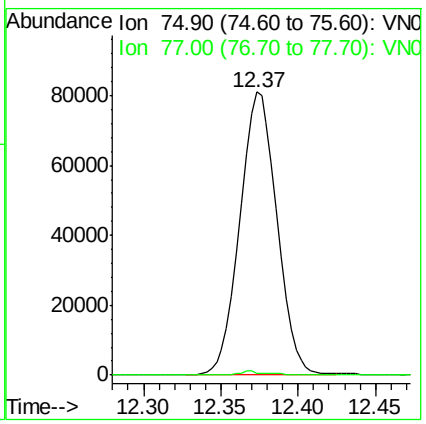


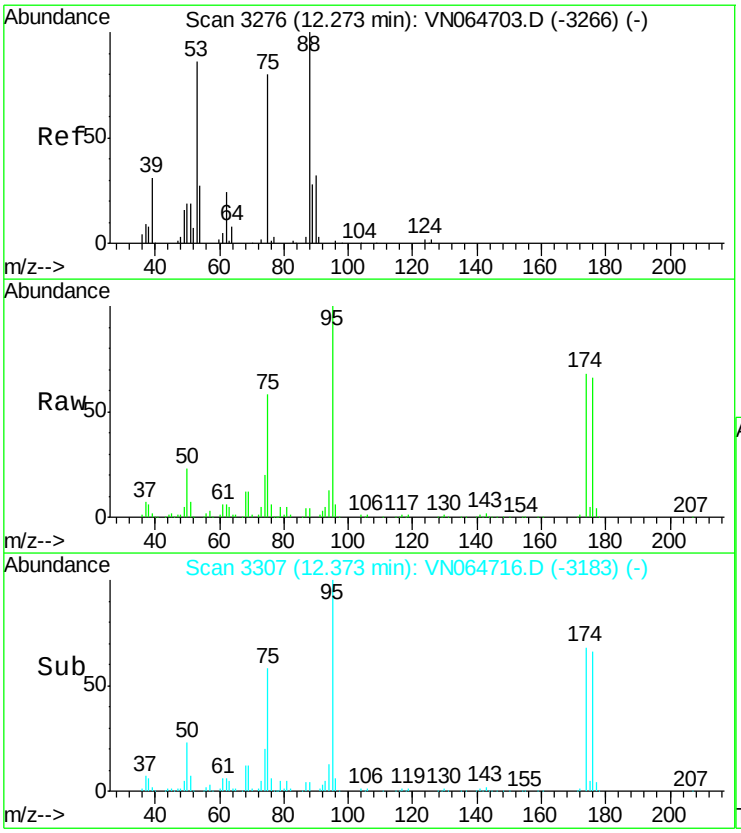
#76
1,2,3-Trichloropropane
Concen: 30.827 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion: 75 Resp: 135385

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

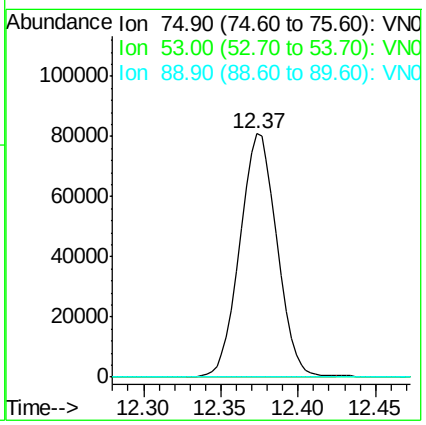


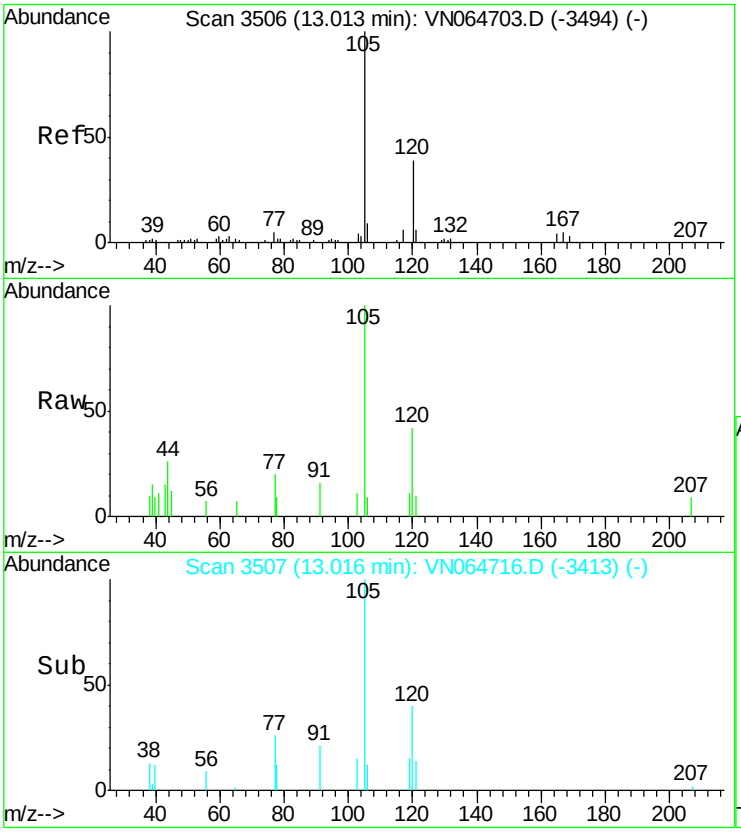


#81
trans-1,4-Dichloro-2-butene
Concen: 78.540 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.10 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion: 75 Resp: 135385

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



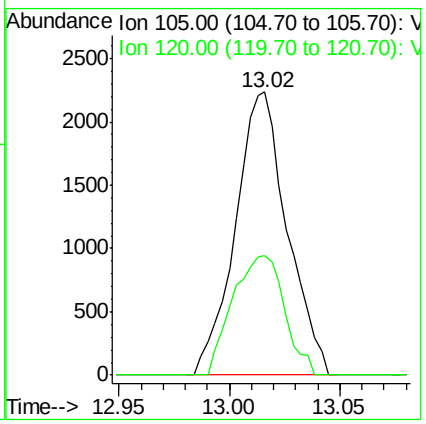


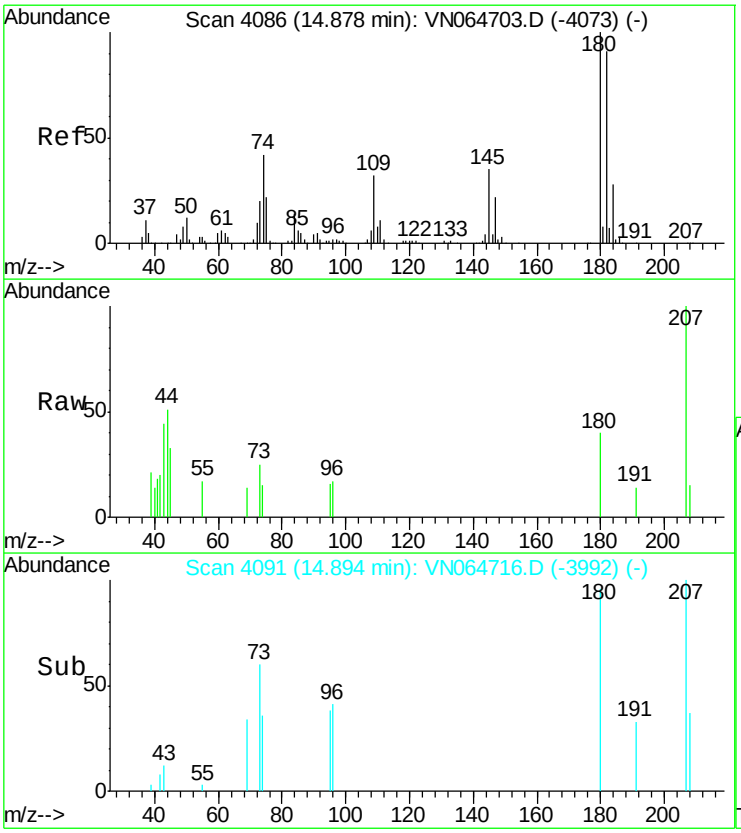
#84
1,2,4-Trimethylbenzene
Concen: 0.297 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion:105 Resp: 3645

Ion	Ratio	Lower	Upper
105	100		
120	42.1	22.0	66.0

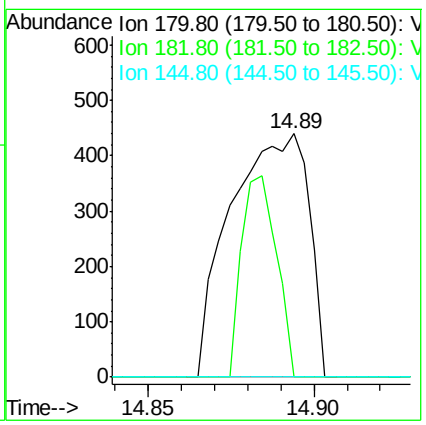


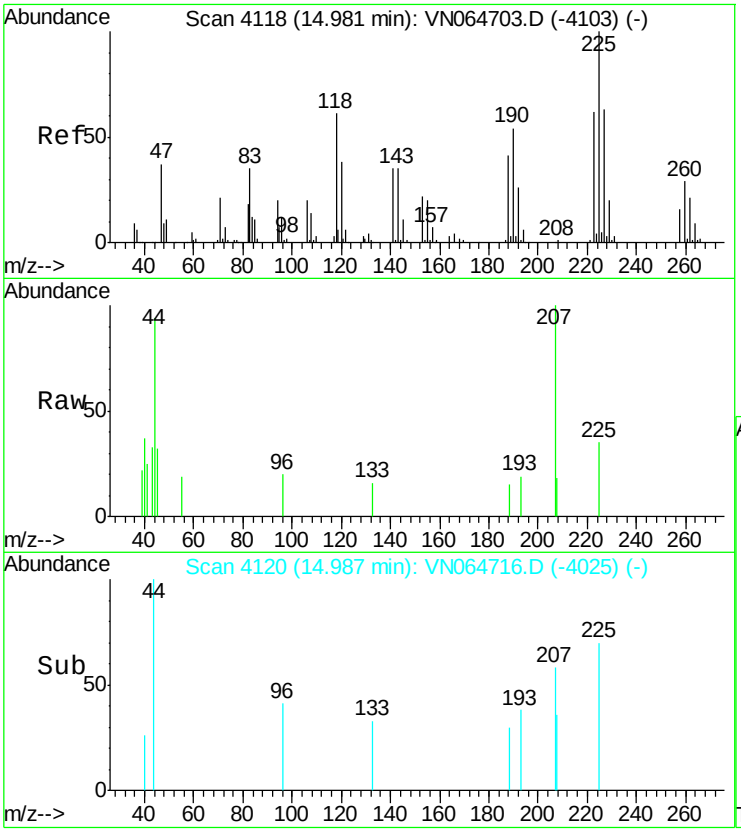


#93
1,2,4-Trichlorobenzene
Concen: 1.530 ug/l
RT: 14.89 min Scan# 4091
Delta R.T. 0.02 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion:180 Resp: 721

Ion	Ratio	Lower	Upper
180	100		
182	36.9	47.3	141.8#
145	0.0	17.5	52.5#



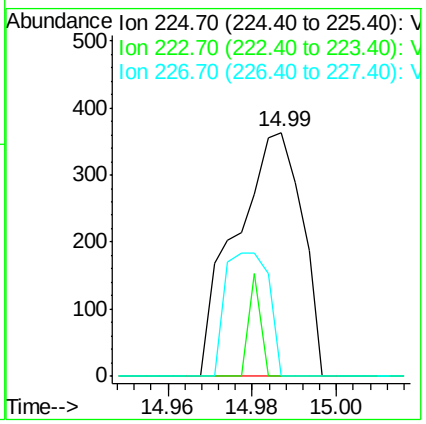


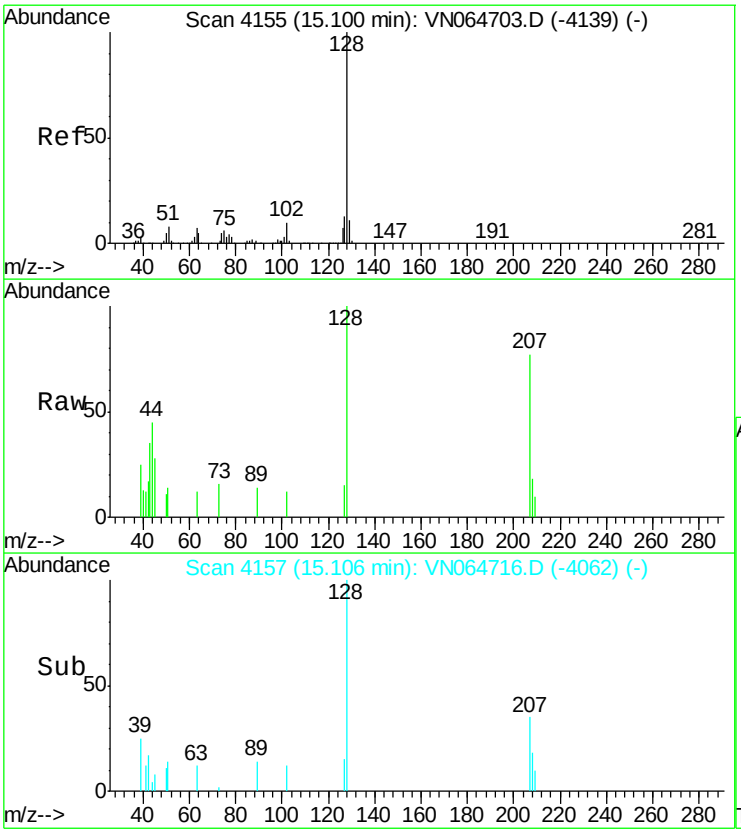
#94
Hexachlorobutadiene
Concen: Below Cal
RT: 14.99 min Scan# 4120
Delta R.T. 0.01 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument : MSVOA_N
ClientSampleId : MW-6

Tgt Ion:225 Resp: 396

Ion	Ratio	Lower	Upper
225	100		
223	7.6	31.2	93.6#
227	33.6	32.1	96.3

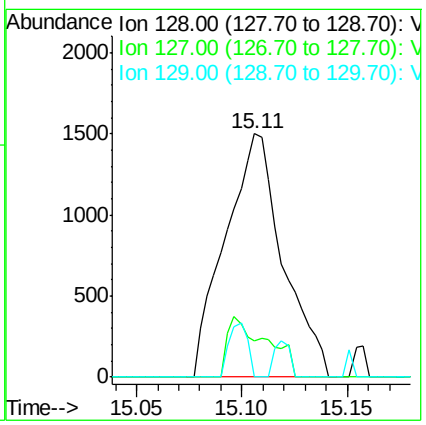


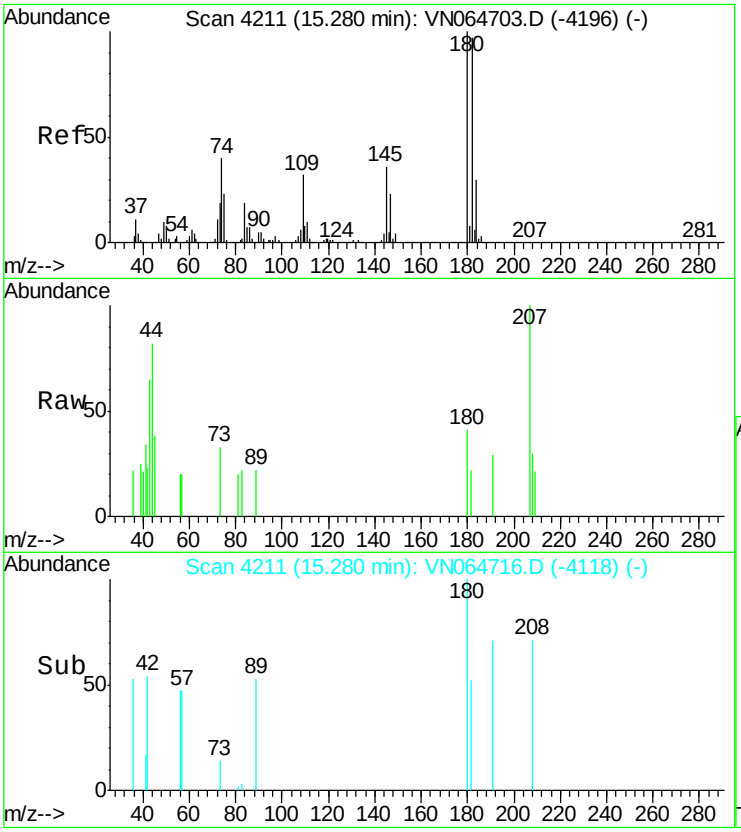


#95
Naphthalene
Concen: 0.248 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.01 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Tgt Ion:128 Resp: 2840

Ion	Ratio	Lower	Upper
128	100		
127	16.8	10.8	16.2#
129	7.3	8.9	13.3#





#96
1,2,3-Trichlorobenzene
Concen: 0.841 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN064716.D
Acq: 18 Nov 2020 19:00

Instrument :
MSVOA_N
ClientSampleId :
MW-6

Tgt Ion:180 Resp: 287

Ion	Ratio	Lower	Upper
180	100		
182	35.5	47.5	142.5#
145	0.0	18.1	54.1#