Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064659.D
Acq On : 16 Nov 2020 13:39
Operator : JC/MD
Sample : L4737-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MS-MSD

Quant Time: Nov 17 03:44:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.63	168	223231	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	450626	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	464077	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	166736	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	214782	55.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.48%				
35) Dibromofluoromethane	7.55	113	157324	51.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.56%				
50) Toluene-d8	10.06	98	580304	48.94	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.88%				
62) 4-Bromofluorobenzene	12.38	95	211887	47.25	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.50%				
Target Compounds							Qvalue
5) Bromomethane	2.55	94	924	0.399	ug/l		94
13) Acrolein	3.53	56	65	0.244	ug/l	#	69
16) Acetone	3.78	43	2480	1.674	ug/l	#	83
31) Cyclohexane	7.63	56	6827	1.444	ug/l	#	33
36) 1,1-Dichloropropene	7.63	75	20735	4.356	ug/l	#	53
37) Ethyl Acetate	6.88	43	93	0.781	ug/l	#	71
38) Carbon Tetrachloride	7.63	117	26393	5.187	ug/l	#	20
43) Isopropyl Acetate	8.28	43	9385	1.216	ug/l	#	64
56) Ethyl methacrylate	10.40	69	73	1.854	ug/l	#	1
59) 2-Hexanone	10.71	43	286	4.105	ug/l		86
71) Bromoform	12.37	173	1066	1.640	ug/l	#	1
74) N-amyl acetate	12.05	43	182	1.242	ug/l	#	38
76) 1,2,3-Trichloropropane	12.38	75	122174	30.242	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.38	75	122174	84.439	ug/l	#	8
93) 1,2,4-Trichlorobenzene	14.89	180	649	2.894	ug/l	#	40
94) Hexachlorobutadiene	14.97	225	278	0.254	ug/l	#	11
95) Naphthalene	15.11	128	2598	3.886	ug/l	#	77
96) 1,2,3-Trichlorobenzene	15.28	180	659	3.016	ug/l	#	70

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111620\
Data File : VN064659.D
Acq On : 16 Nov 2020 13:39
Operator : JC/MD
Sample : L4737-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MS-MSD

Quant Time: Nov 17 03:44:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
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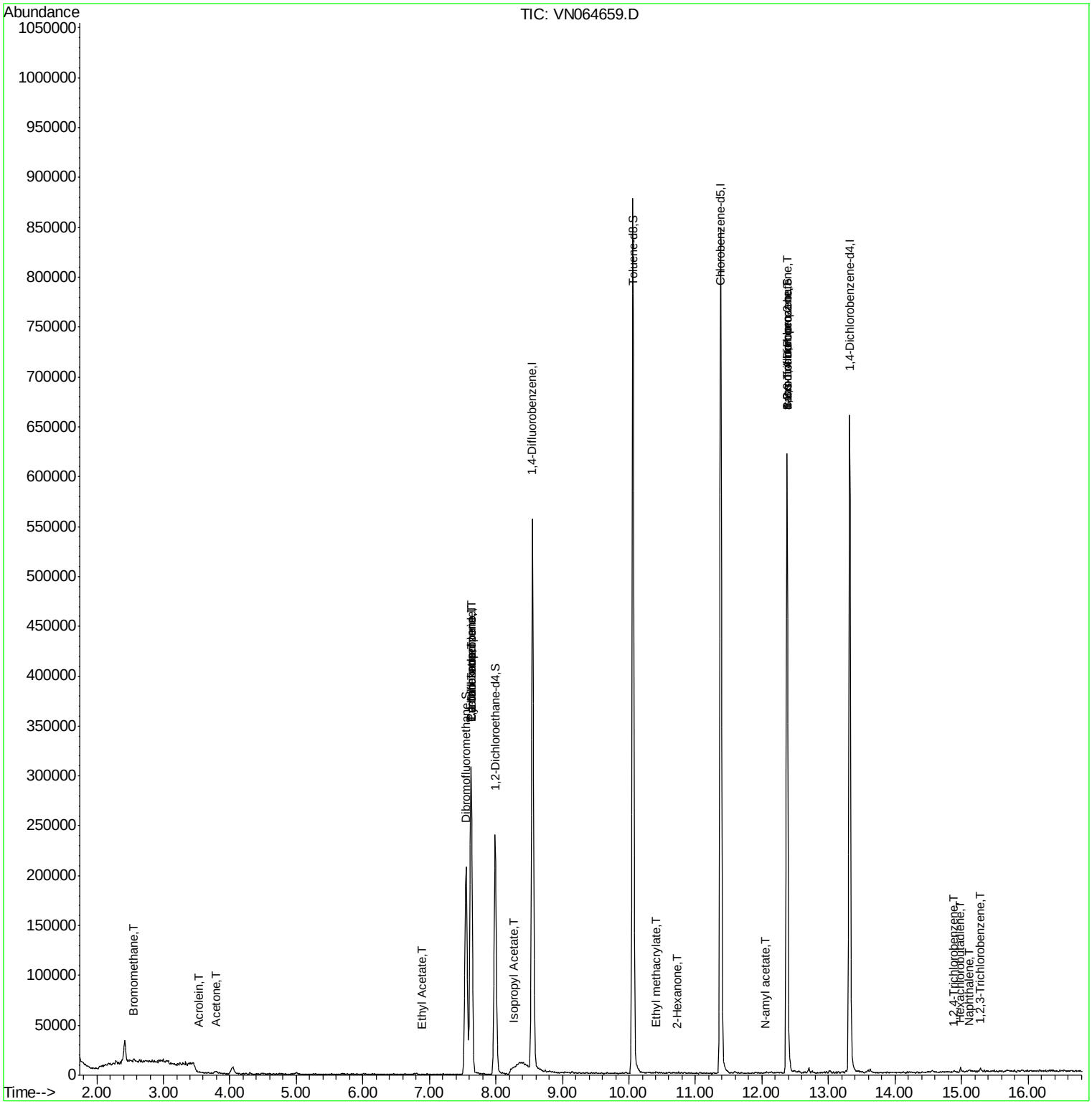
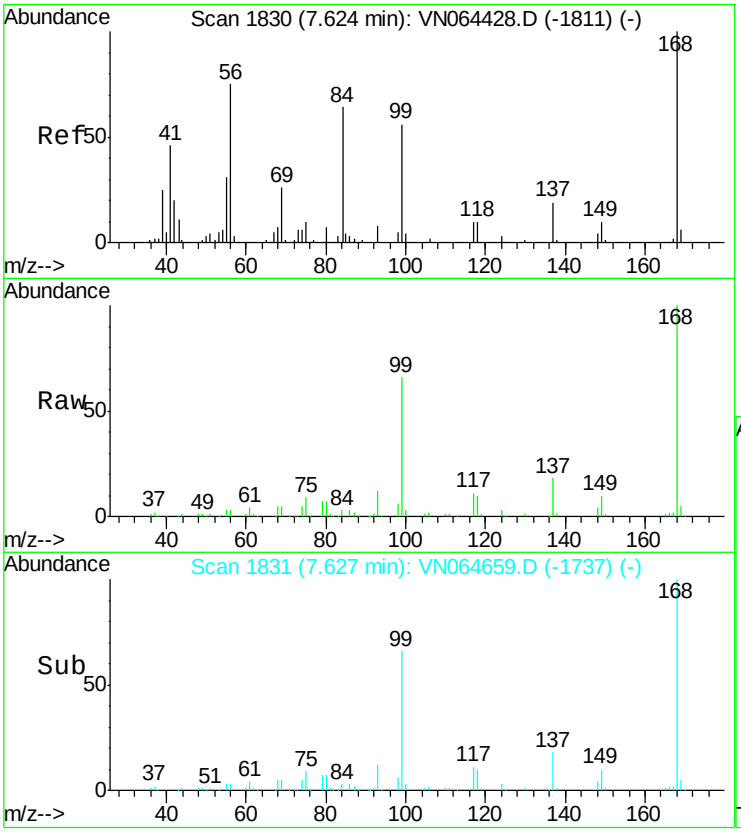


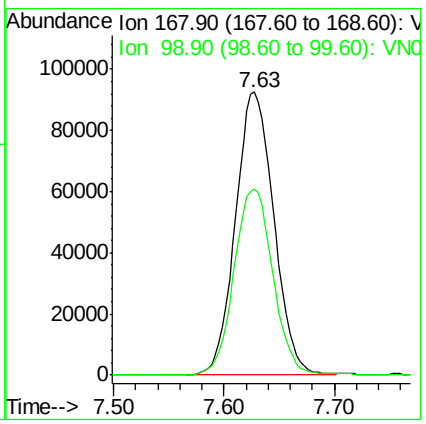


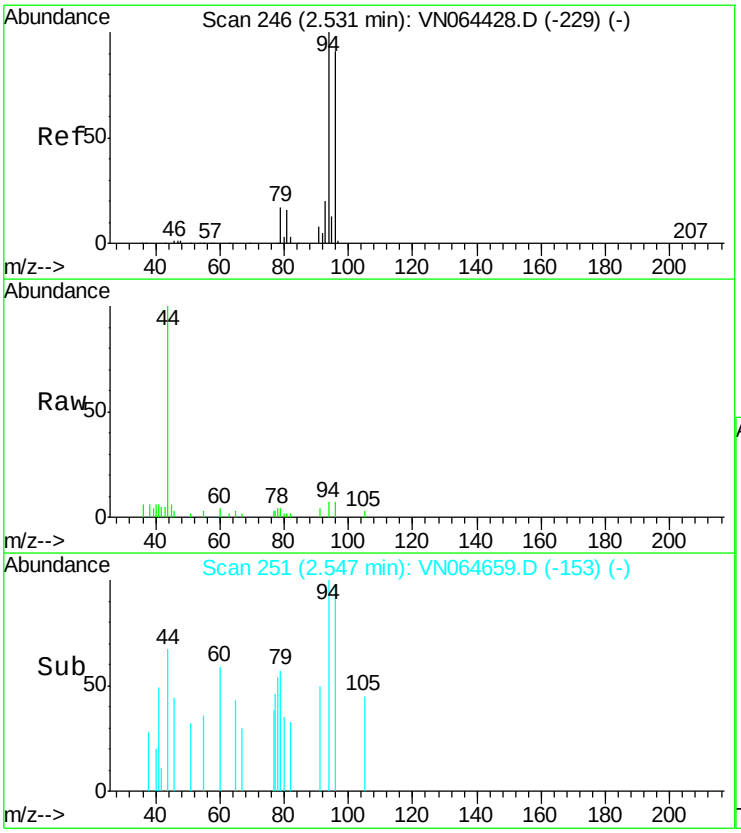
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument :
MSVOA_N
ClientSampleId :
MS-MSD

Tgt Ion:168 Resp: 223231

Ion	Ratio	Lower	Upper
168	100		
99	65.7	53.4	80.2

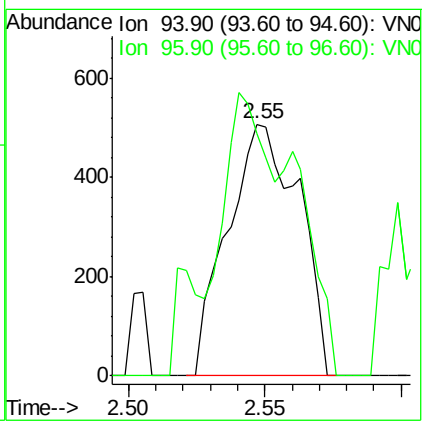


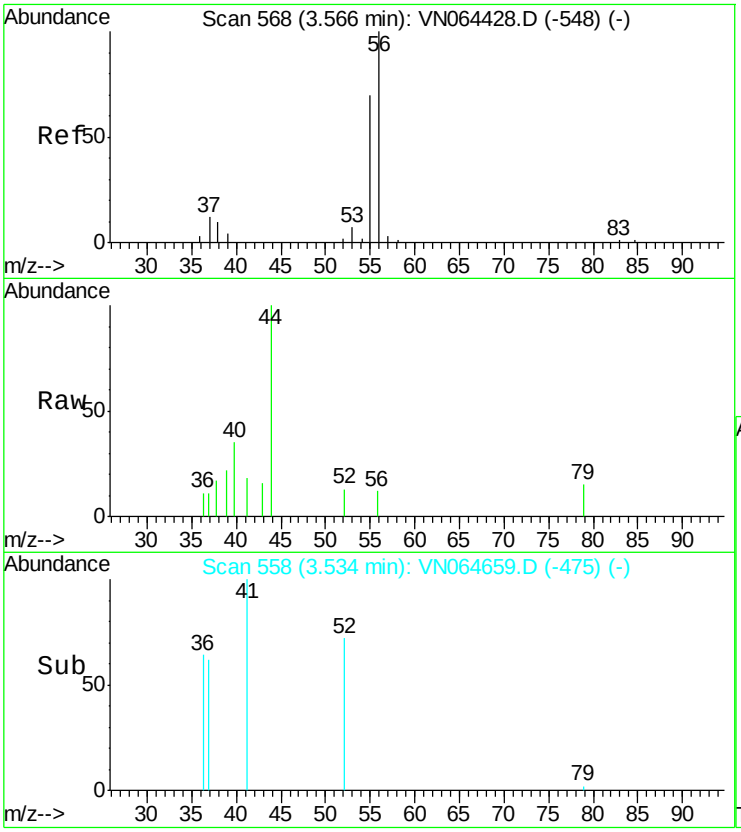


#5
Bromomethane
Concen: 0.399 ug/l
RT: 2.55 min Scan# 251
Delta R.T. 0.02 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion: 94 Resp: 924

Ion	Ratio	Lower	Upper
94	100		
96	96.6	73.1	109.7



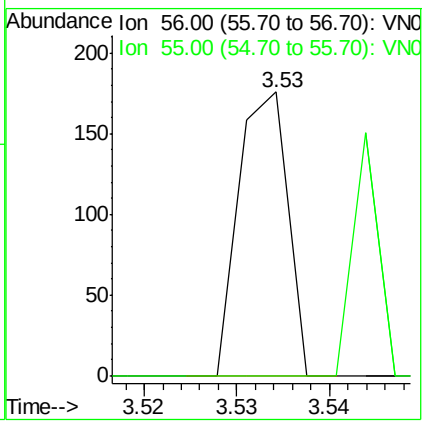


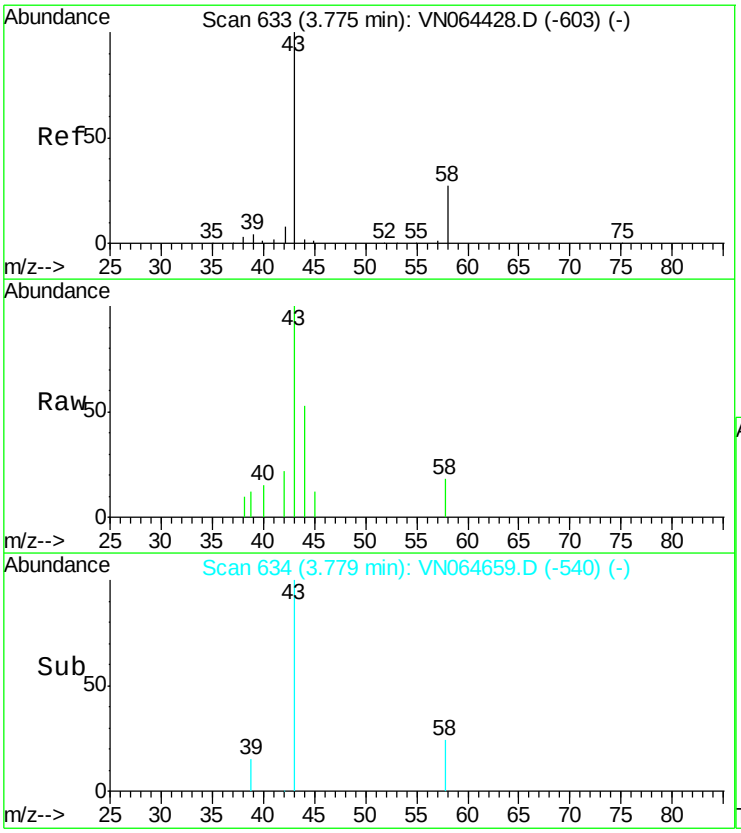
#13
Acrolein
Concen: 0.244 ug/l
RT: 3.53 min Scan# 558
Delta R.T. -0.03 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument : MSVOA_N
ClientSampleId : MS-MSD

Tgt Ion: 56 Resp: 65

Ion	Ratio	Lower	Upper
56	100		
55	44.6	55.9	83.9#

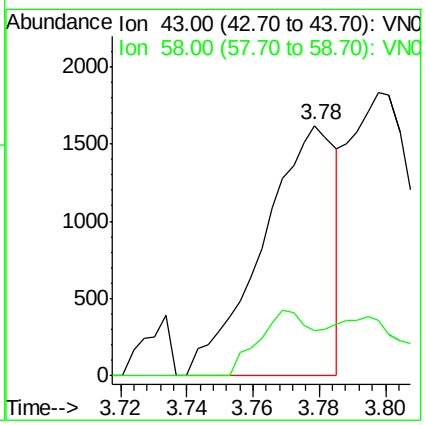


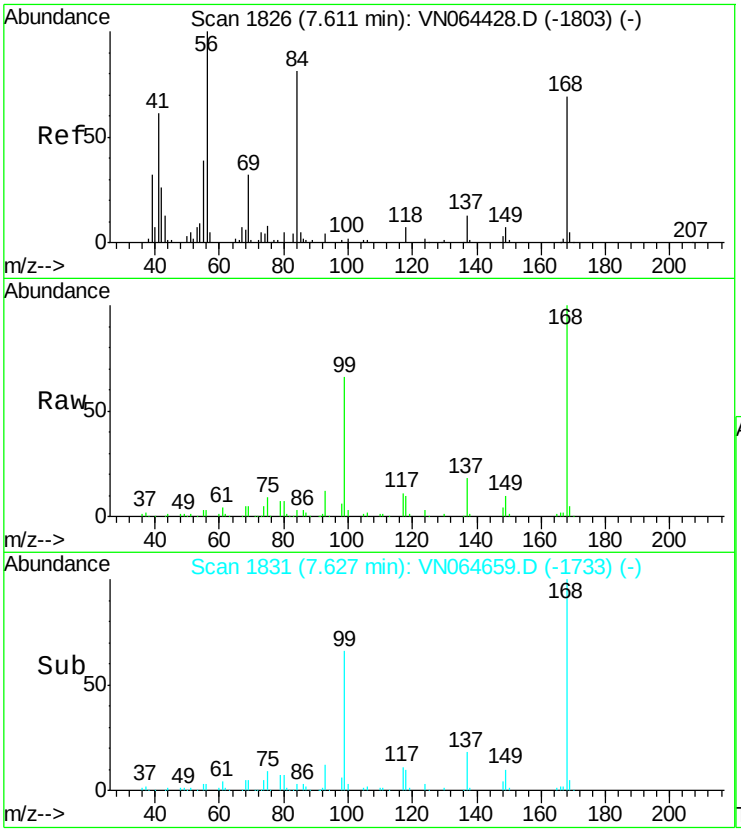


#16
Acetone
Concen: 1.674 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion: 43 Resp: 2480

Ion	Ratio	Lower	Upper
43	100		
58	18.0	21.4	32.0#



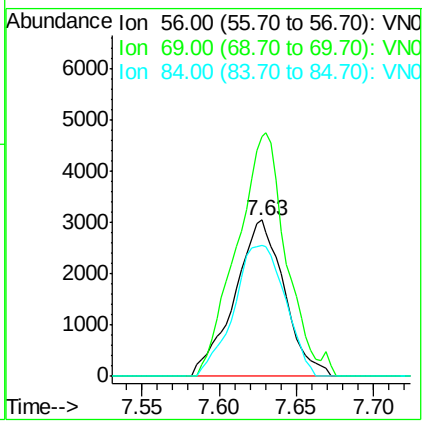


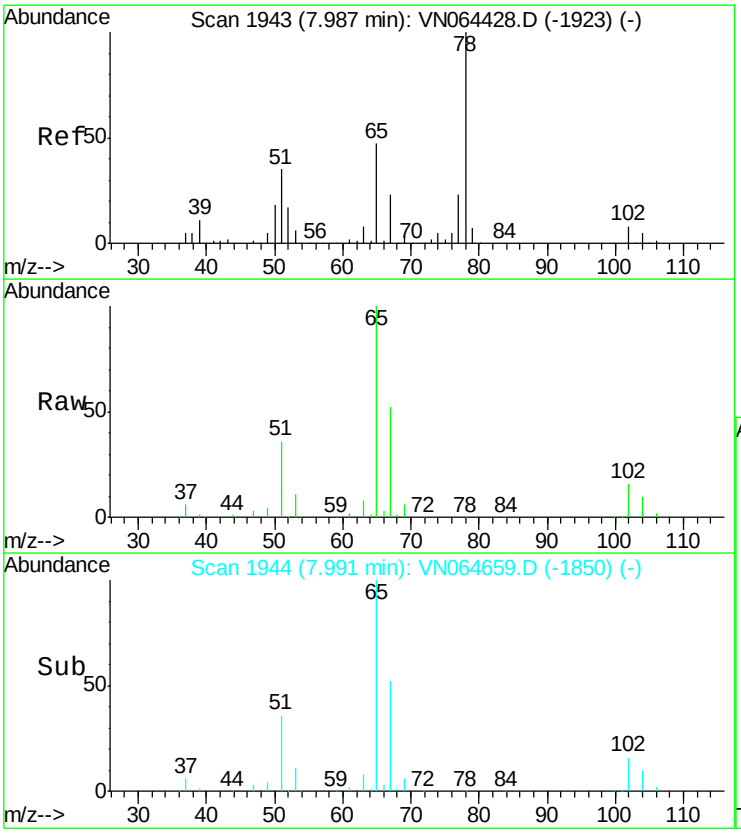
#31
Cyclohexane
Concen: 1.444 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.02 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument : MSVOA_N
ClientSampleId : MS-MSD

Tgt Ion: 56 Resp: 6827

Ion	Ratio	Lower	Upper
56	100		
69	153.0	25.6	38.4#
84	83.6	63.0	94.6

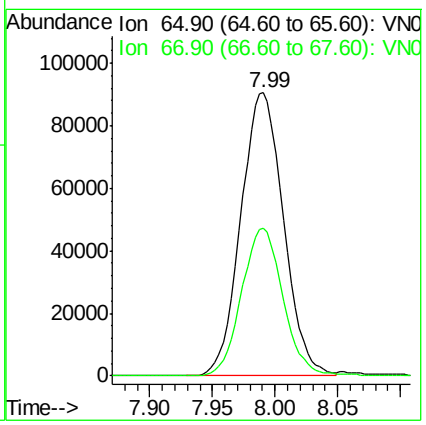


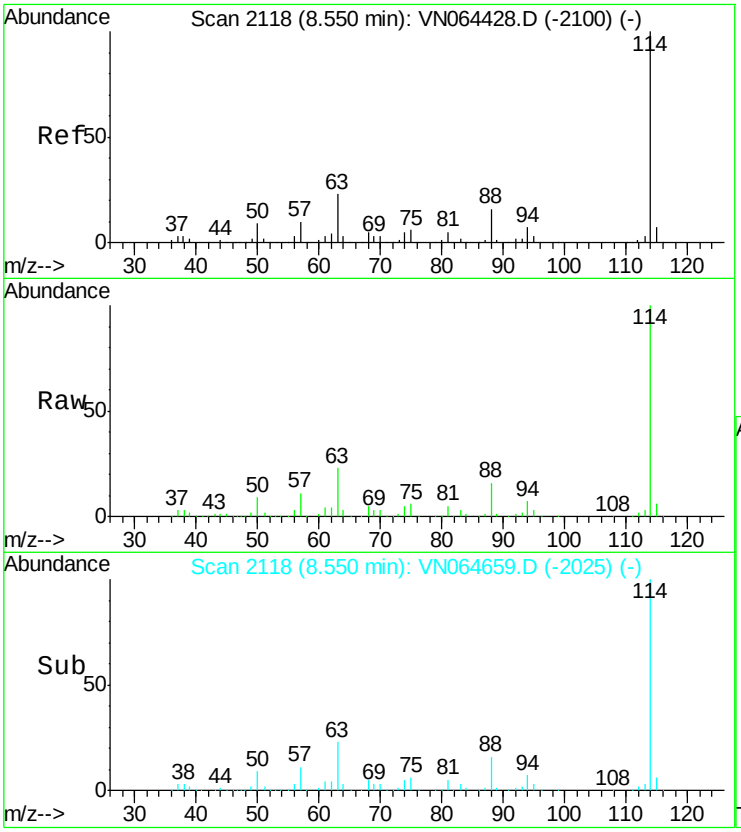


#33
1,2-Dichloroethane-d4
Concen: 55.237 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion: 65 Resp: 214782

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	101.6



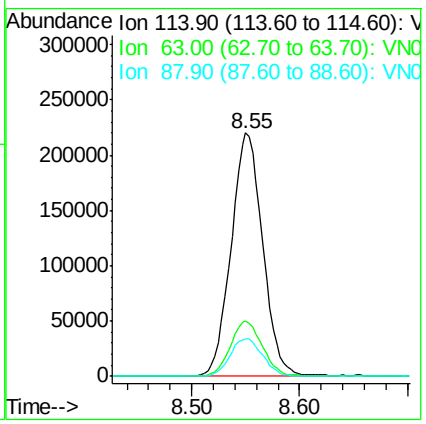


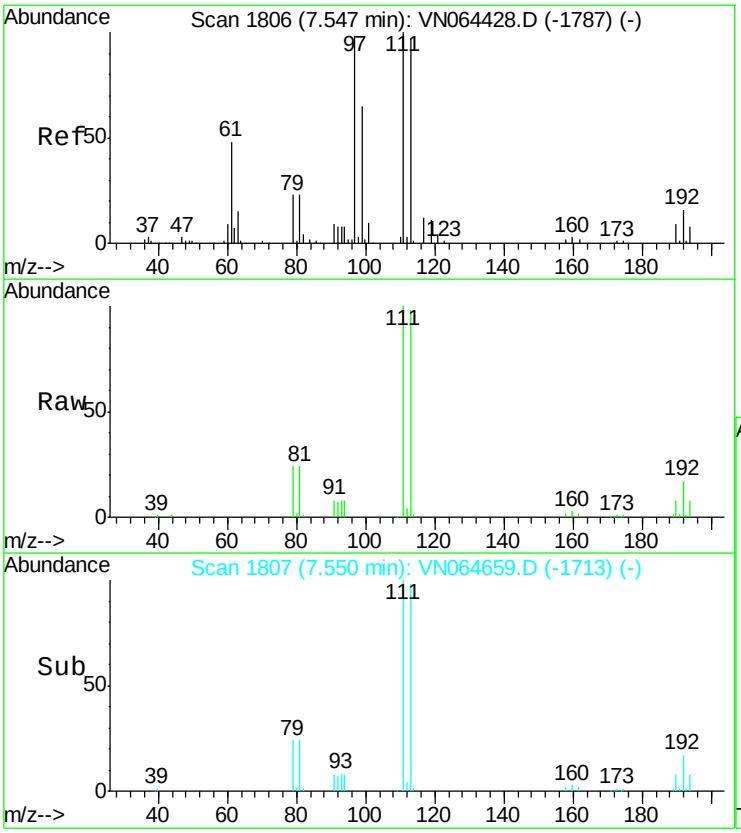
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument :
MSVOA_N
ClientSampleId :
MS-MSD

Tgt Ion:114 Resp: 450626

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.6
88	15.6	0.0	32.8

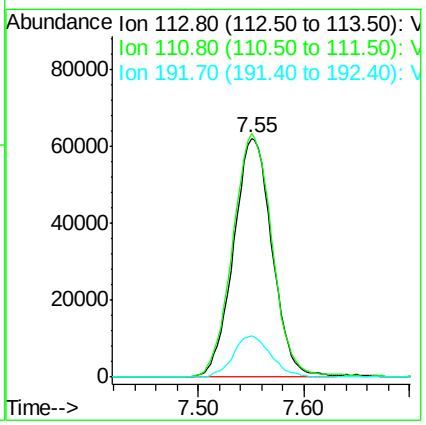


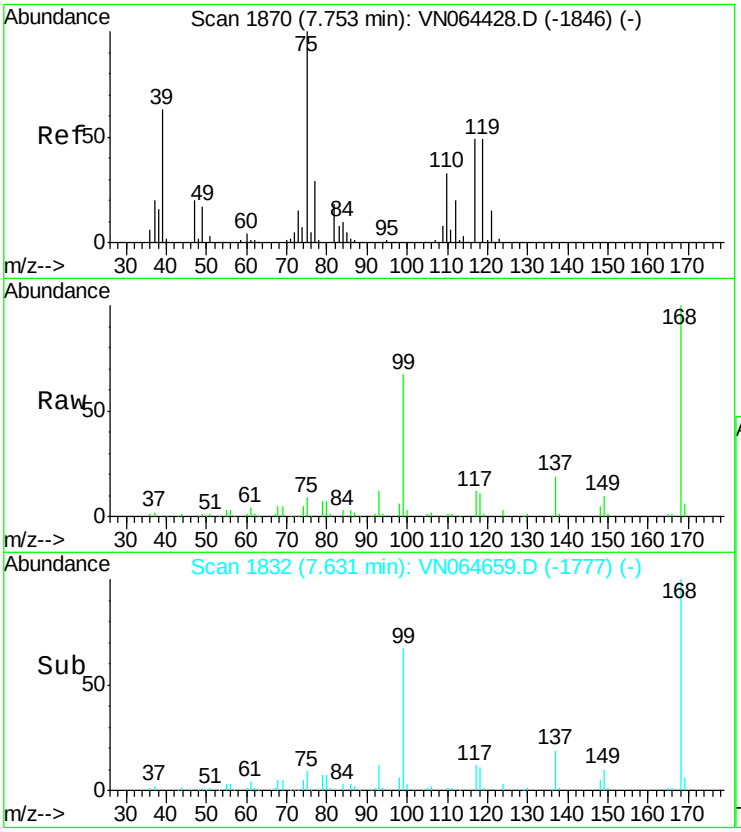


#35
Dibromofluoromethane
Concen: 51.277 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion:113 Resp: 157324

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.1	121.7
192	16.9	12.8	19.2



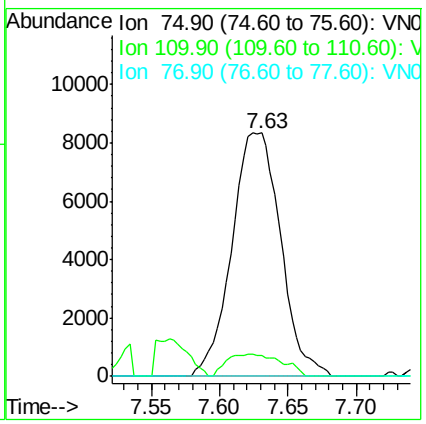


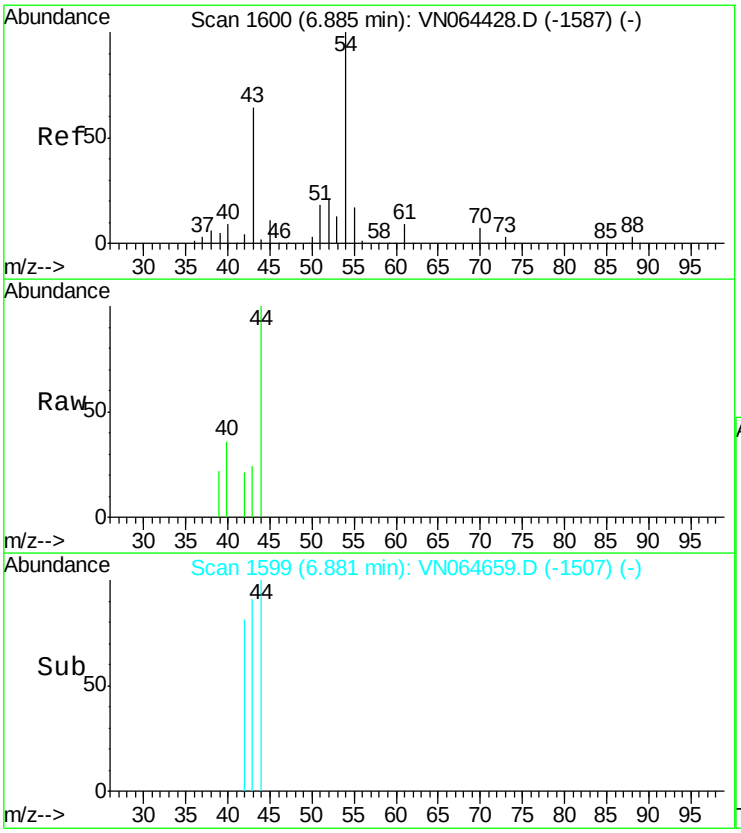
#36
1,1-Dichloropropene
Concen: 4.356 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.12 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument : MSVOA_N
ClientSampleId : MS-MSD

Tgt Ion: 75 Resp: 20735

Ion	Ratio	Lower	Upper
75	100		
110	10.2	16.0	48.0#
77	0.0	24.0	36.0#

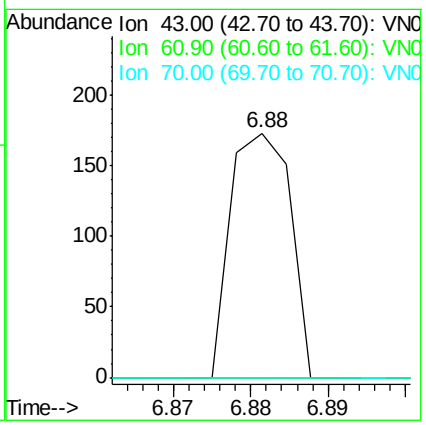


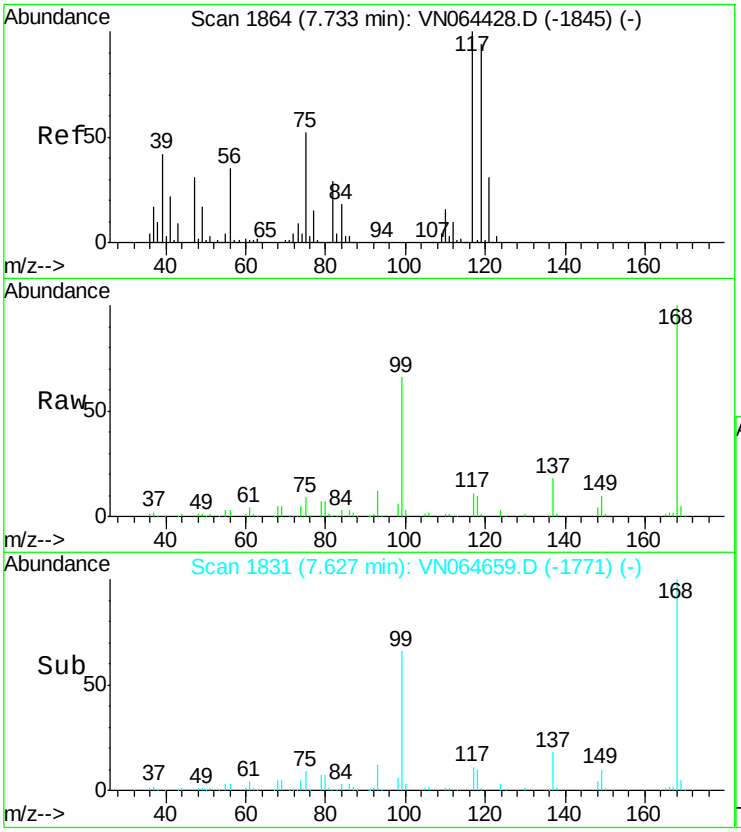


#37
Ethyl Acetate
Concen: 0.781 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion: 43 Resp: 93

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.0	15.0#
70	0.0	7.1	10.7#



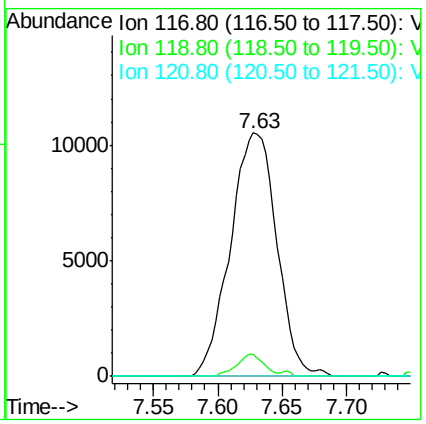


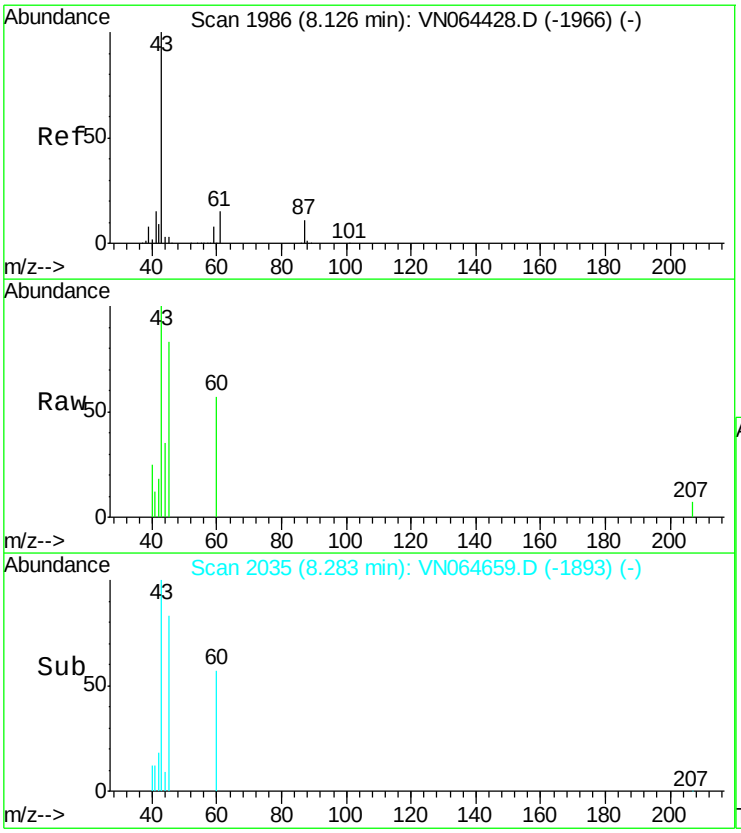
#38
Carbon Tetrachloride
Concen: 5.187 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument :
MSVOA_N
ClientSampleId :
MS-MSD

Tgt Ion:117 Resp: 26393

Ion	Ratio	Lower	Upper
117	100		
119	9.0	75.5	113.3#
121	0.0	24.4	36.6#

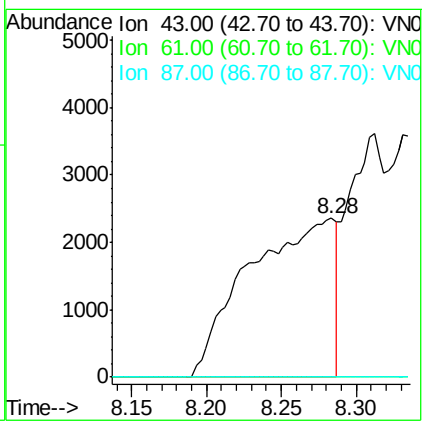


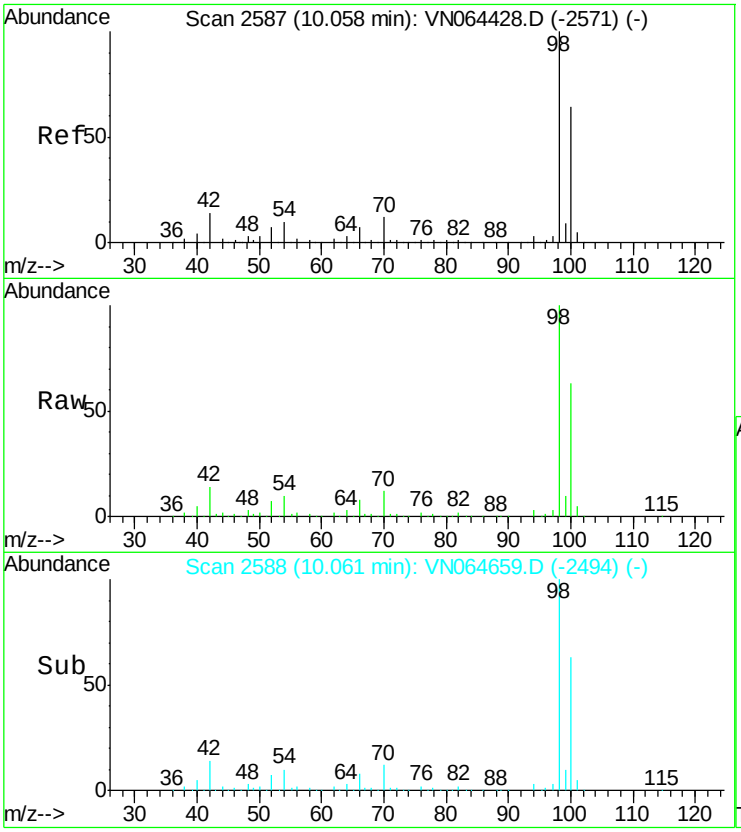


#43
Isopropyl Acetate
Concen: 1.216 ug/l
RT: 8.28 min Scan# 2035
Delta R.T. 0.16 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion: 43 Resp: 9385

Ion	Ratio	Lower	Upper
43	100		
61	0.0	14.0	21.0#
87	0.0	9.1	13.7#



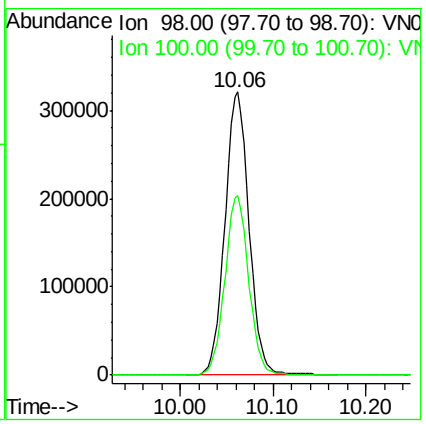


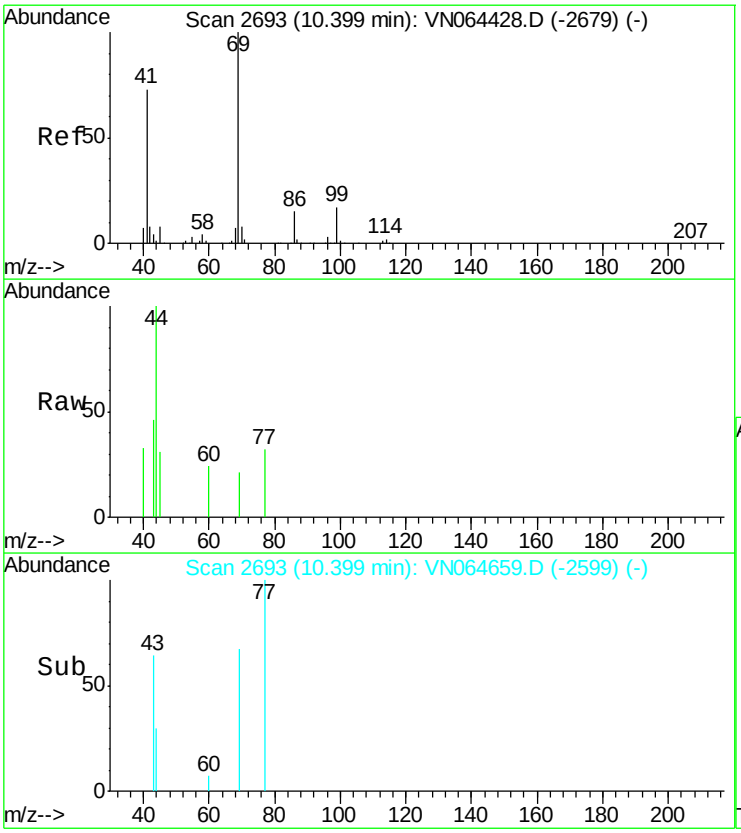
#50
Toluene-d8
Concen: 48.936 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument : MSVOA_N
ClientSampleId : MS-MSD

Tgt Ion: 98 Resp: 580304

Ion	Ratio	Lower	Upper
98	100		
100	62.4	50.7	76.1

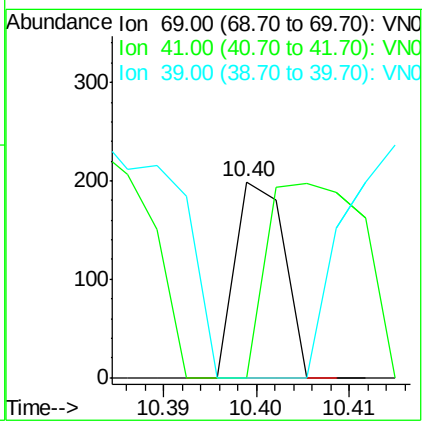


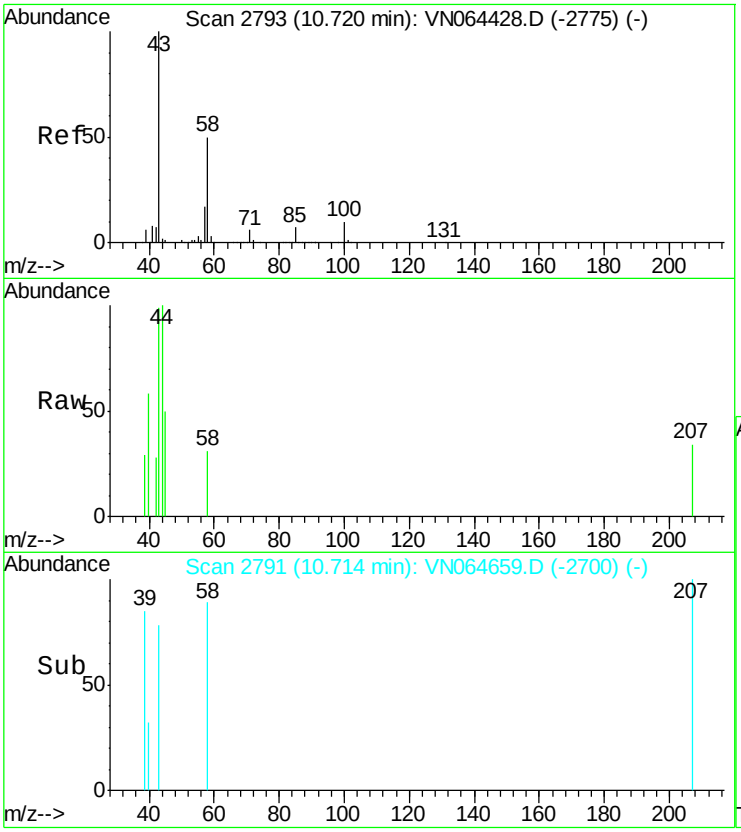


#56
Ethyl methacrylate
Concen: 1.854 ug/l
RT: 10.40 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion: 69 Resp: 73

Ion	Ratio	Lower	Upper
69	100		
41	195.9	59.3	88.9#
39	0.0	35.4	53.0#



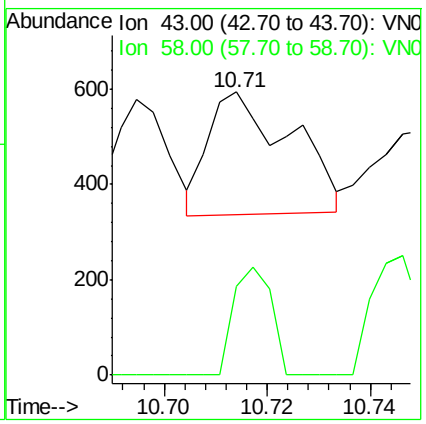


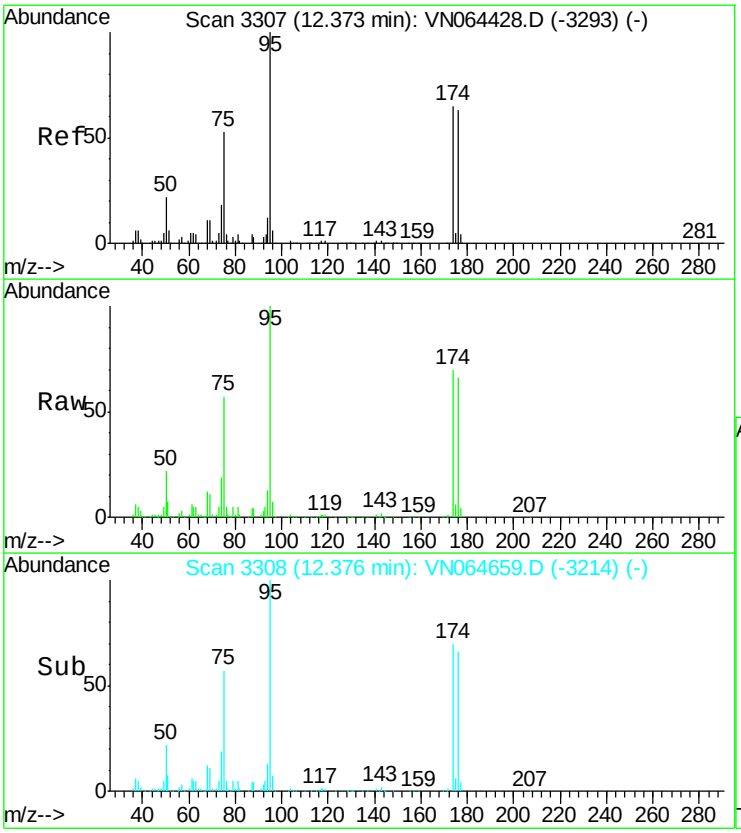
#59
2-Hexanone
Concen: 4.105 ug/l
RT: 10.71 min Scan# 2791
Delta R.T. -0.01 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument :
MSVOA_N
ClientSampleId :
MS-MSD

Tgt Ion: 43 Resp: 286

Ion	Ratio	Lower	Upper
43	100		
58	39.9	24.7	74.1

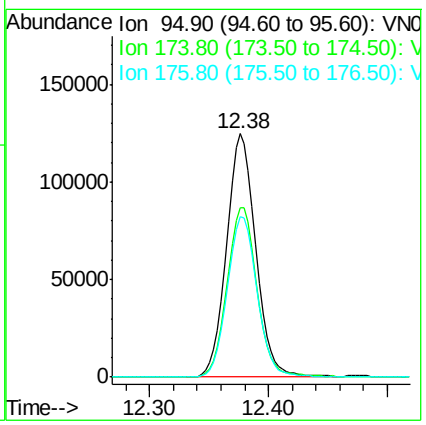


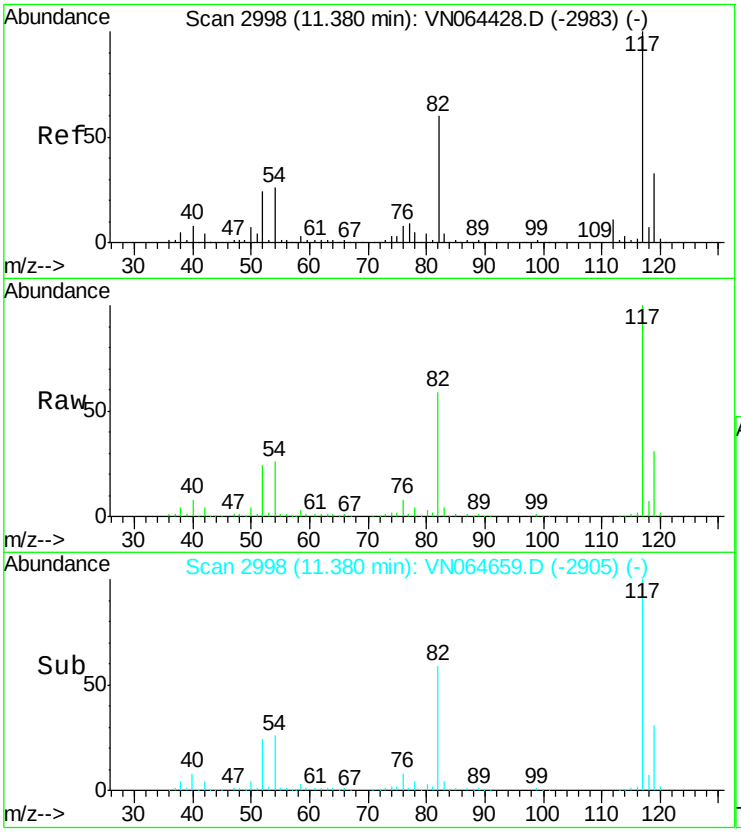


#62
4-Bromofluorobenzene
Concen: 47.247 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion: 95 Resp: 211887

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	132.6
176	67.5	0.0	129.2



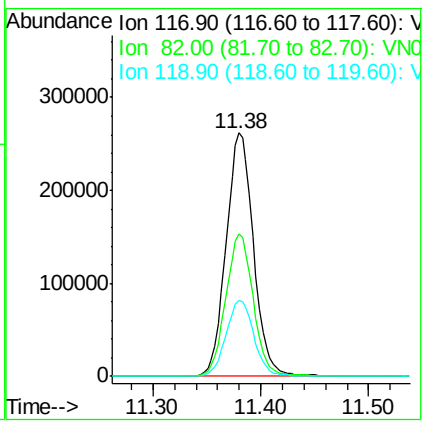


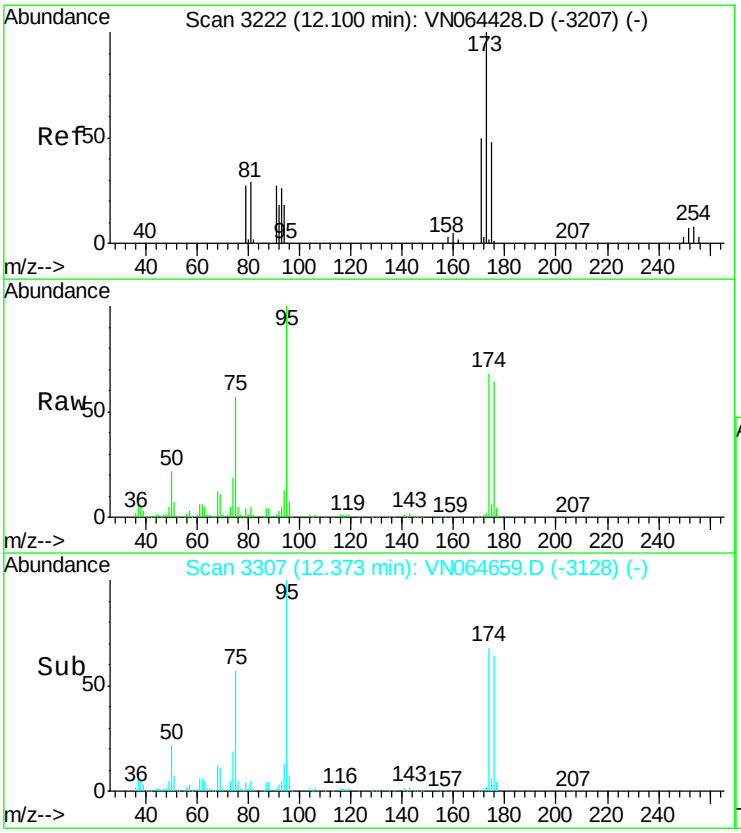
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument :
MSVOA_N
ClientSampleId :
MS-MSD

Tgt Ion:117 Resp: 464077

Ion	Ratio	Lower	Upper
117	100		
82	58.5	48.1	72.1
119	31.2	26.2	39.4

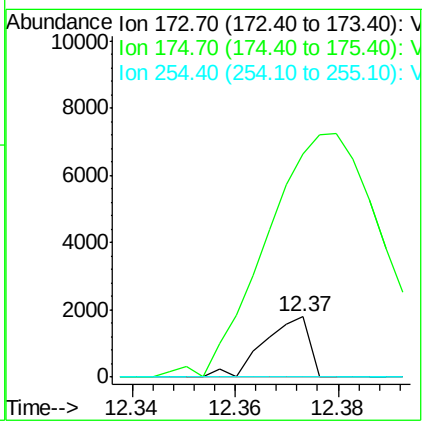


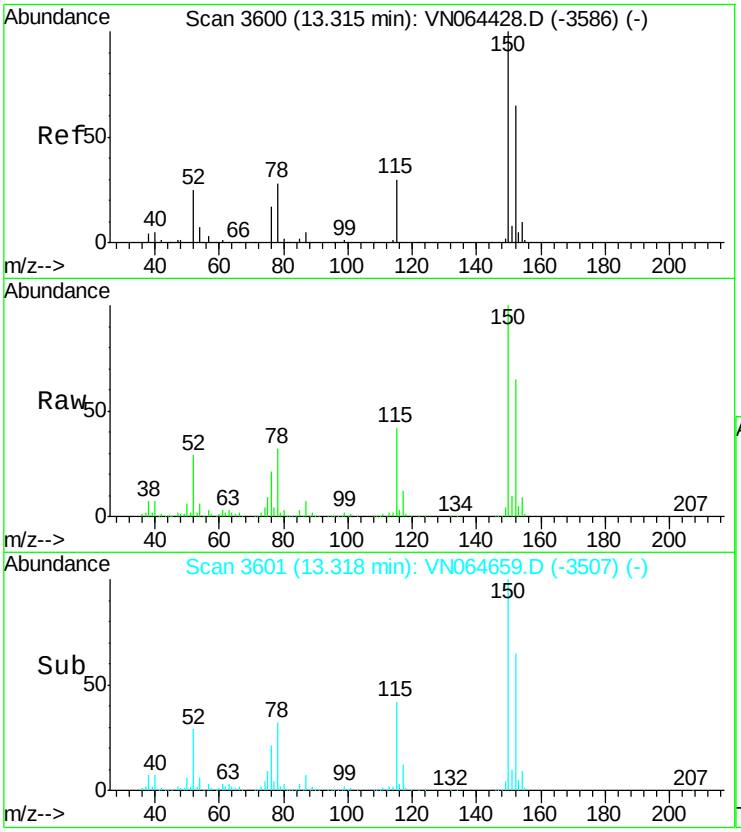


#71
Bromoform
Concen: 1.640 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. 0.27 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion:173 Resp: 1066

Ion	Ratio	Lower	Upper
173	100		
175	892.0	23.7	71.1#
254	0.0	0.0	0.0



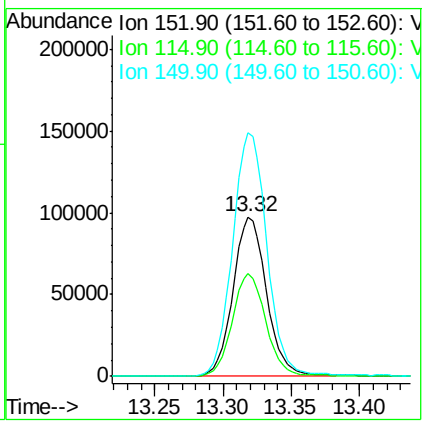


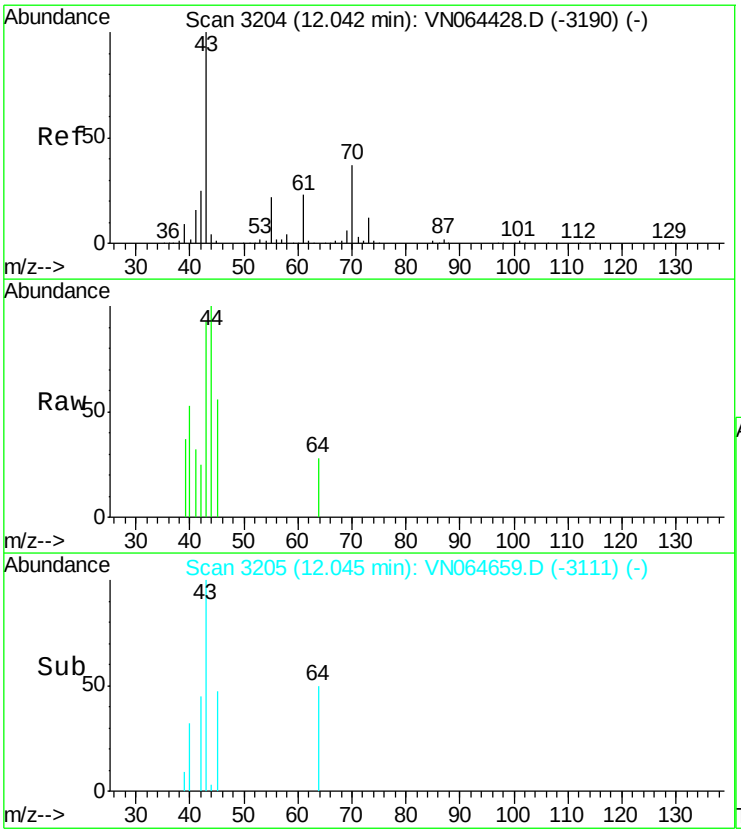
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument : MSVOA_N
ClientSampleId : MS-MSD

Tgt Ion:152 Resp: 166736

Ion	Ratio	Lower	Upper
152	100		
115	63.8	32.0	96.0
150	156.6	0.0	353.8

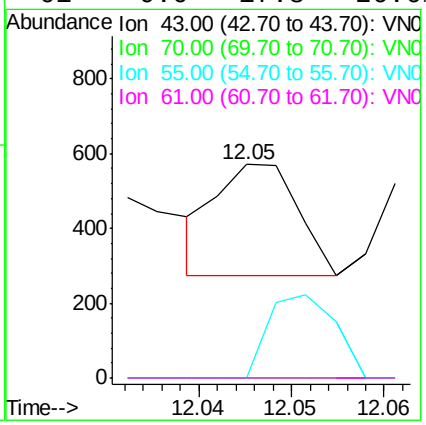


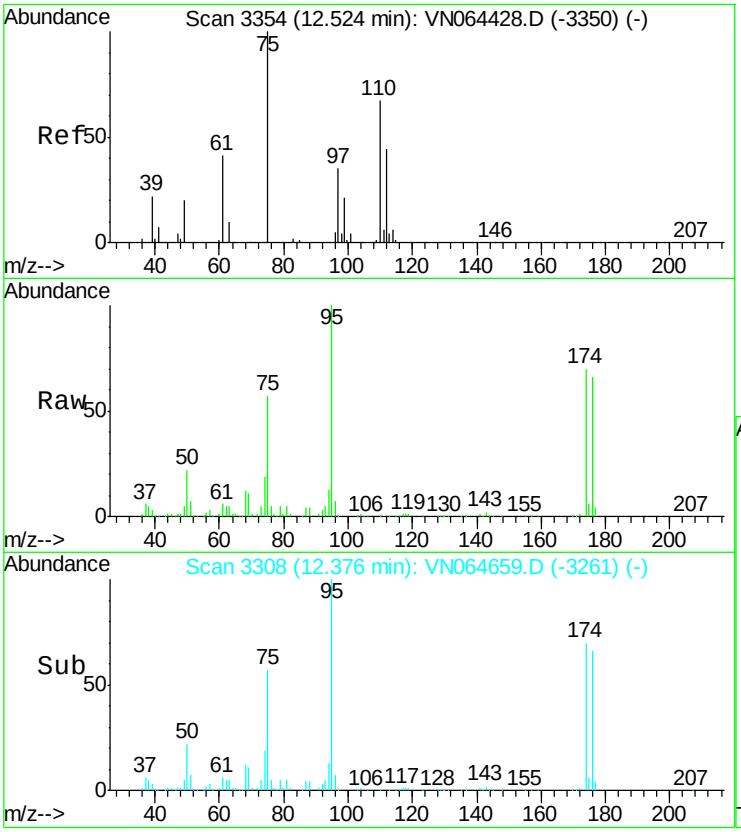


#74
N-amyl acetate
Concen: 1.242 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion: 43 Resp: 182

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.6	44.4#
55	61.0	18.4	27.6#
61	0.0	17.8	26.6#



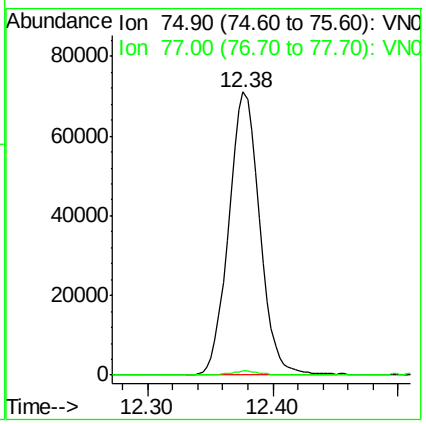


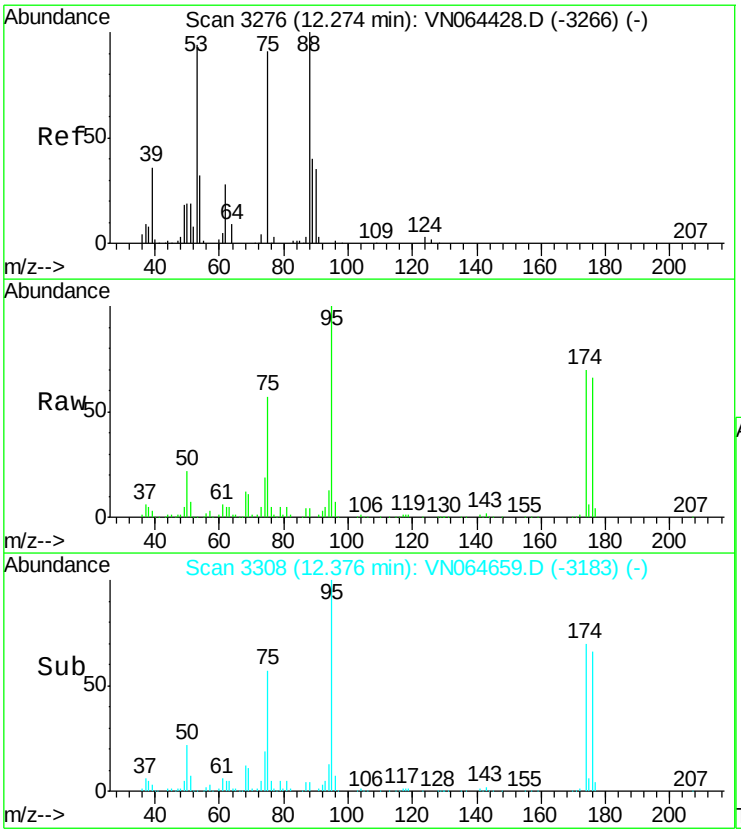
#76
1,2,3-Trichloropropane
Concen: 30.242 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument :
MSVOA_N
ClientSampleId :
MS-MSD

Tgt Ion: 75 Resp: 122174

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

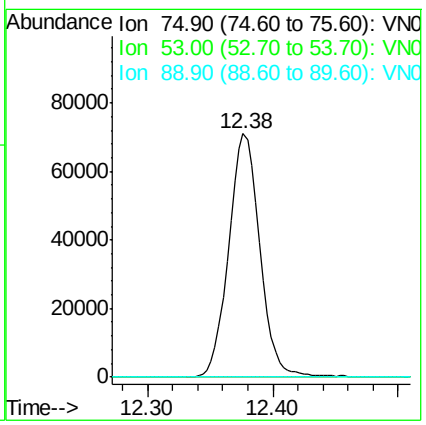


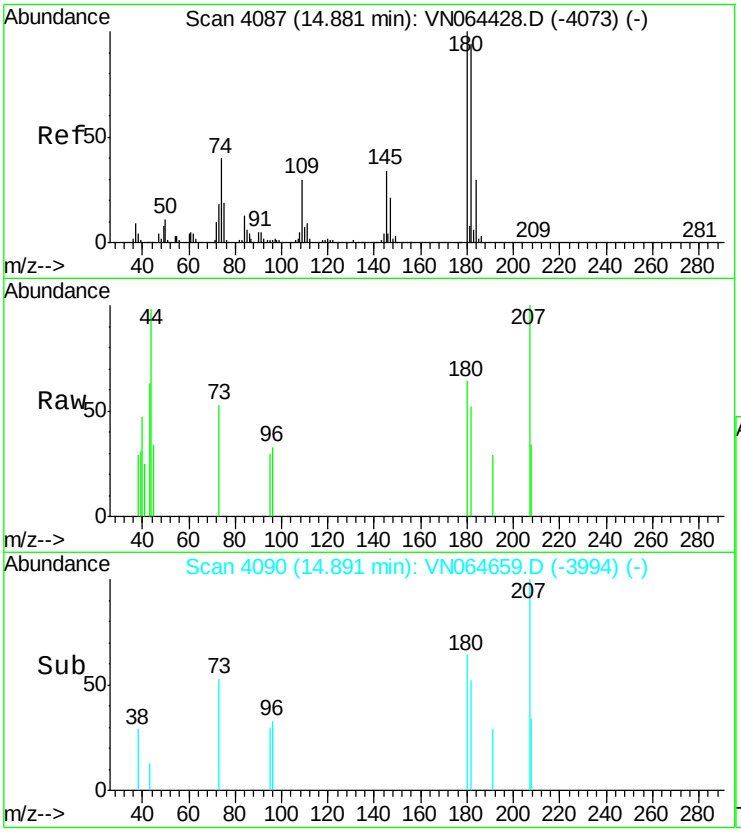


#81
trans-1,4-Dichloro-2-butene
Concen: 84.439 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion: 75 Resp: 122174

Ion	Ratio	Lower	Upper
75	100		
53	0.2	84.0	126.0#
89	0.0	36.3	54.5#



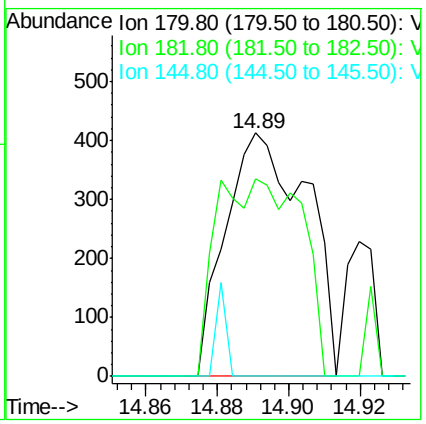


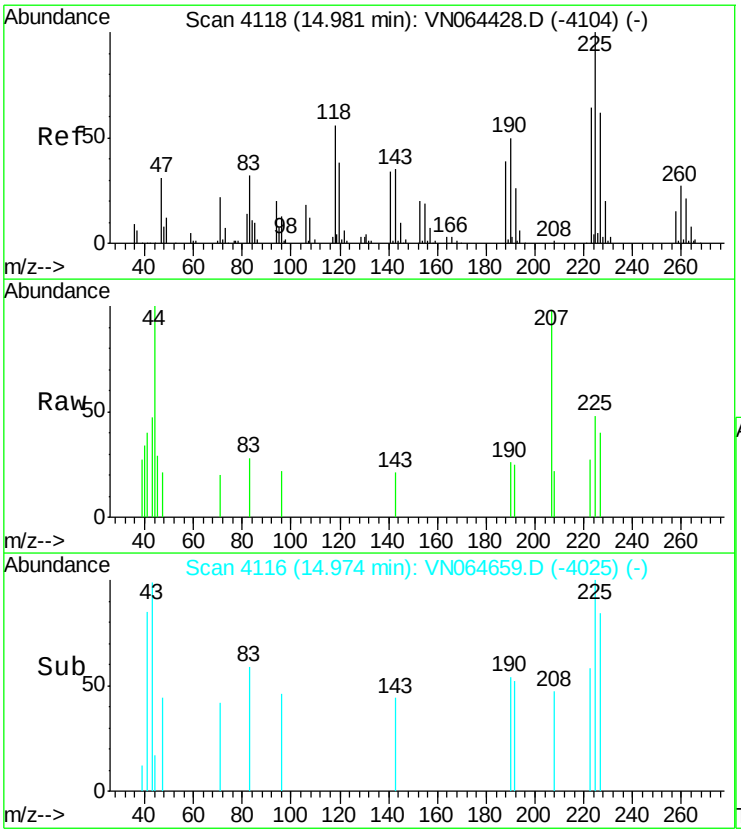
#93
1,2,4-Trichlorobenzene
Concen: 2.894 ug/l
RT: 14.89 min Scan# 4090
Delta R.T. 0.01 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument :
MSVOA_N
ClientSampleId :
MS-MSD

Tgt Ion:180 Resp: 649

Ion	Ratio	Lower	Upper
180	100		
182	33.6	47.3	142.0#
145	4.8	16.7	50.1#

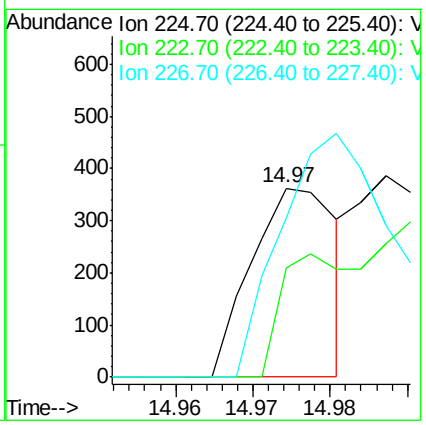


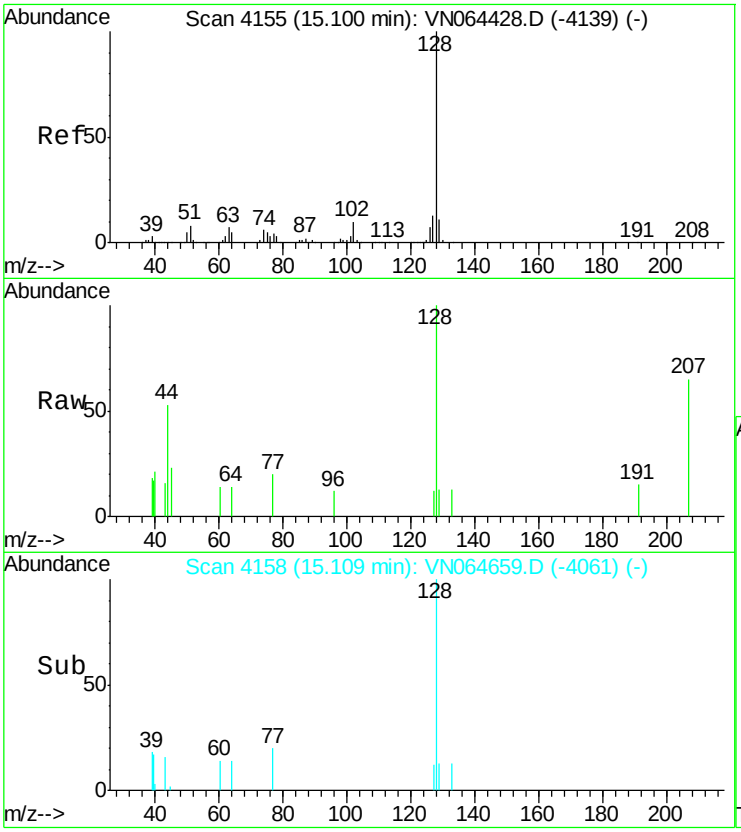


#94
Hexachlorobutadiene
Concen: 0.254 ug/l
RT: 14.97 min Scan# 4116
Delta R.T. -0.01 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion:225 Resp: 278

Ion	Ratio	Lower	Upper
225	100		
223	45.3	31.8	95.4
227	184.5	31.8	95.4#



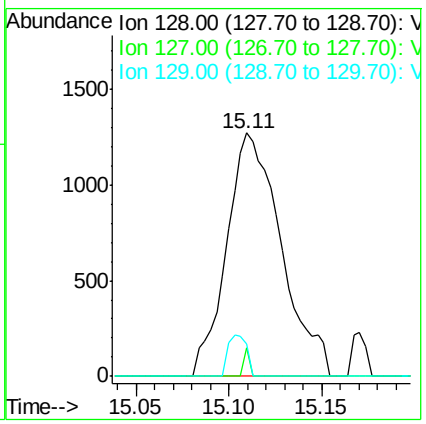


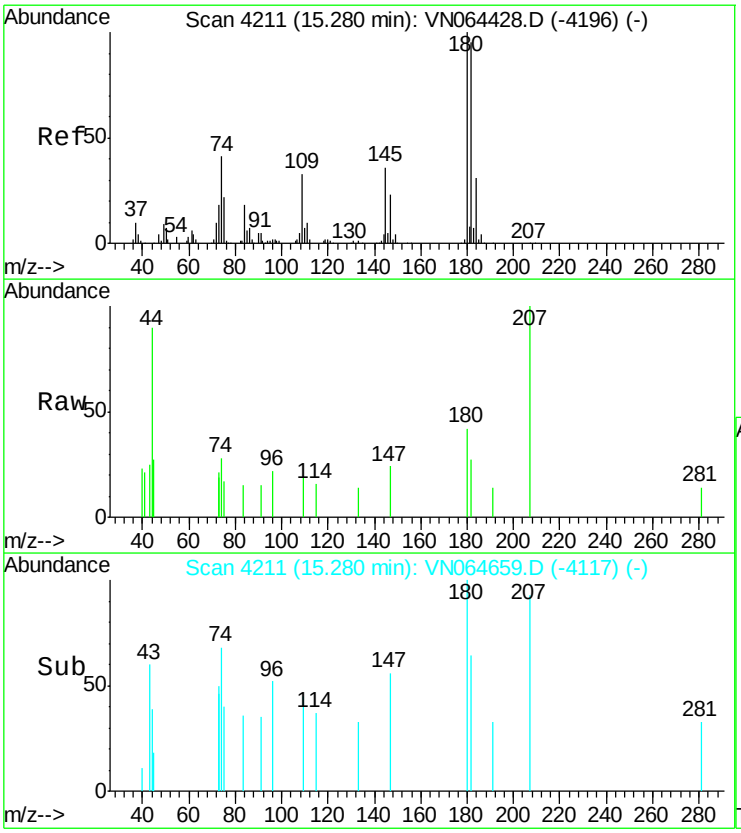
#95
Naphthalene
Concen: 3.886 ug/l
RT: 15.11 min Scan# 4158
Delta R.T. 0.01 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Instrument :
MSVOA_N
ClientSampleId :
MS-MSD

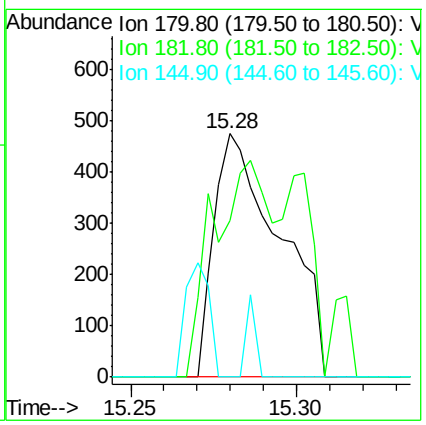
Tgt Ion:128 Resp: 2598

Ion	Ratio	Lower	Upper
128	100		
127	1.1	10.5	15.7#
129	5.7	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 3.016 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN064659.D
Acq: 16 Nov 2020 13:39

Tgt Ion:180 Resp: 659

Ion	Ratio	Lower	Upper
180	100		
182	75.1	47.7	143.1
145	4.7	18.3	54.8#