Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111220\
Data File : VN064604.D
Acq On : 13 Nov 2020 1:43
Operator : JC/MD
Sample : PB132945ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#02

Quant Time: Nov 13 04:25:04 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	240837	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.55	114	519975	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.38	117	561205	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201672	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.99	65	241555	57.58	ug/l		0.00
Spiked Amount 50.000			Recovery = 115.16%				
35) Dibromofluoromethane	7.55	113	178352	50.38	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.76%				
50) Toluene-d8	10.06	98	677529	49.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.02%				
62) 4-Bromofluorobenzene	12.38	95	254807	49.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 98.48%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.76	59	781	1.688	ug/l	#	71
13) Acrolein	3.63	56	61	0.213	ug/l	#	15
16) Acetone	3.79	43	11953	7.480	ug/l		97
18) Methyl Acetate	4.29	43	5323	1.694	ug/l	#	70
20) Methylene Chloride	4.50	84	8030	2.533	ug/l	#	80
25) 2-Butanone	6.81	43	7281	3.576	ug/l		98
29) Tetrahydrofuran	7.19	42	1253	1.003	ug/l	#	40
31) Cyclohexane	7.63	56	7183	1.409	ug/l	#	30
36) 1,1-Dichloropropene	7.63	75	22875	4.164	ug/l	#	52
37) Ethyl Acetate	6.92	43	291	0.814	ug/l	#	71
38) Carbon Tetrachloride	7.63	117	27828	4.740	ug/l	#	16
43) Isopropyl Acetate	8.13	43	101994	11.457	ug/l		99
45) 1,2-Dichloropropane	9.23	63	2495	0.579	ug/l	#	45
48) Methyl methacrylate	9.14	41	6382	1.421	ug/l	#	15
49) 1,4-Dioxane	9.23	88	136	2.299	ug/l	#	1
51) 4-Methyl-2-Pentanone	9.96	43	10653	2.052	ug/l		88
54) cis-1,3-Dichloropropene	9.87	75	39616	5.733	ug/l	#	77
56) Ethyl methacrylate	10.51	69	3626	2.394	ug/l	#	1
57) 1,3-Dichloropropane	10.74	76	8213	1.225	ug/l	#	42
59) 2-Hexanone	10.74	43	134341	35.251	ug/l	#	54
71) Bromoform	12.37	173	320	1.366	ug/l	#	29
74) N-amyl acetate	12.01	43	4869	1.825	ug/l	#	52
76) 1,2,3-Trichloropropane	12.38	75	144351	29.542	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.38	75	144351	82.484	ug/l	#	8
95) Naphthalene	15.12	128	662	3.678	ug/l	#	69
96) 1,2,3-Trichlorobenzene	15.28	180	33	2.785	ug/l	#	1

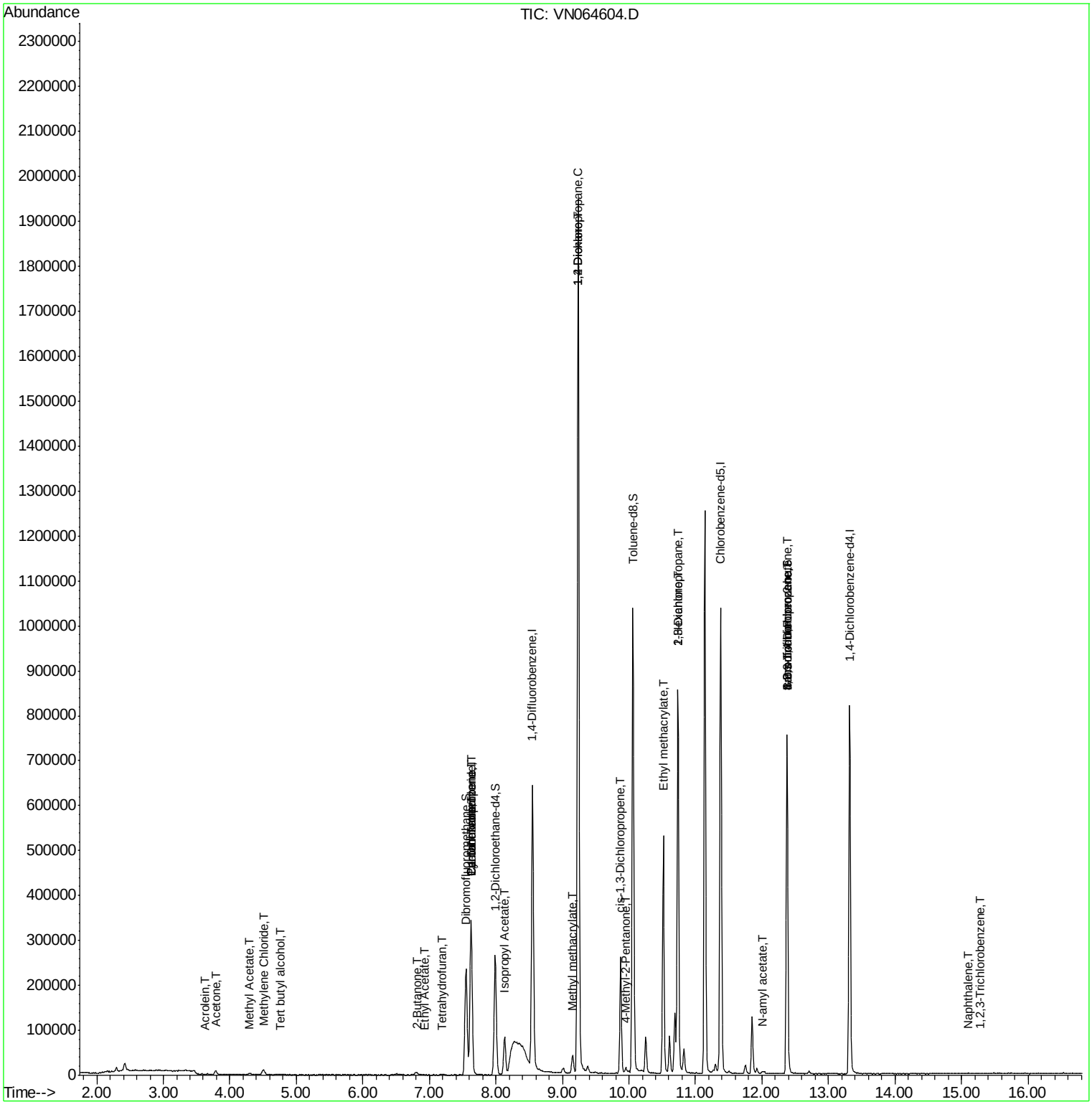
(#) = qualifier out of range (m) = manual integration (+) = signals summed

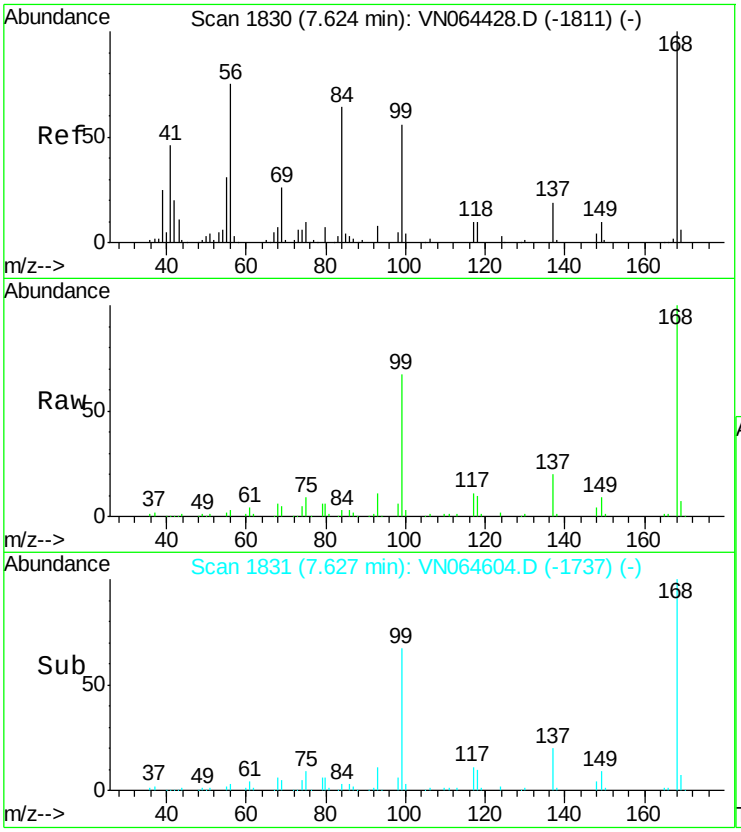
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111220\
Data File : VN064604.D
Acq On : 13 Nov 2020 1:43
Operator : JC/MD
Sample : PB132945ZHE#02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Quant Time: Nov 13 04:25:04 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



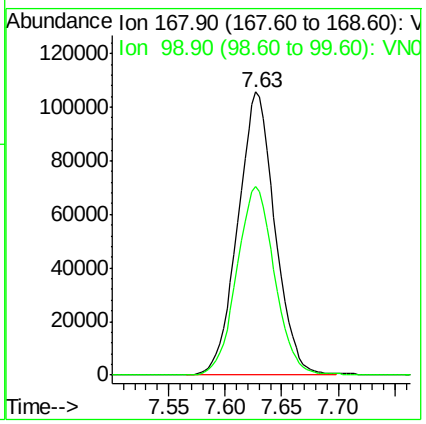


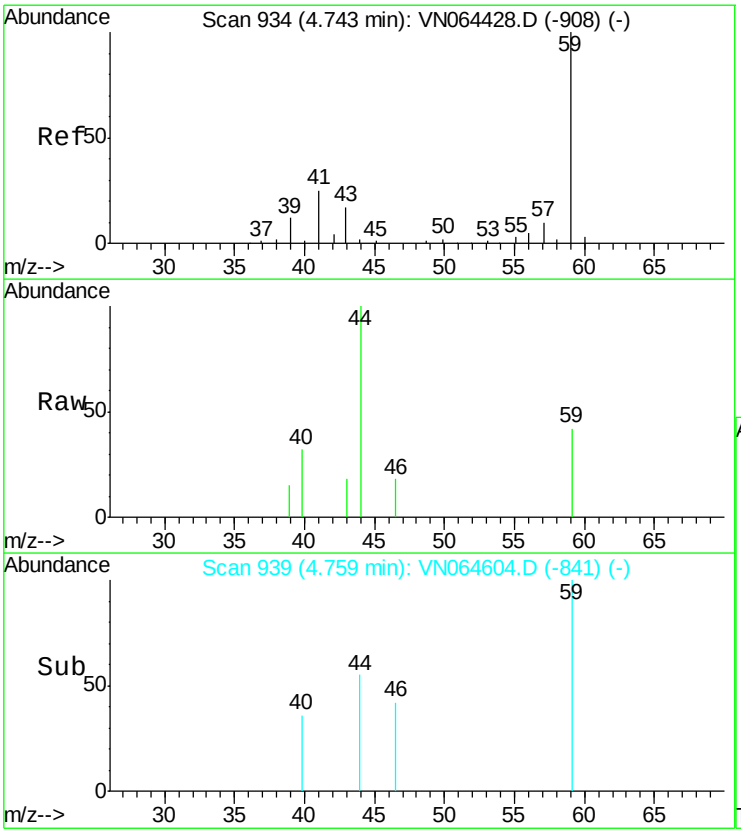
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Tgt Ion:168 Resp: 240837

Ion	Ratio	Lower	Upper
168	100		
99	66.6	53.4	80.2

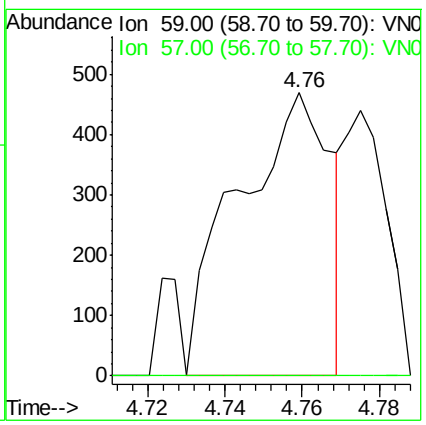


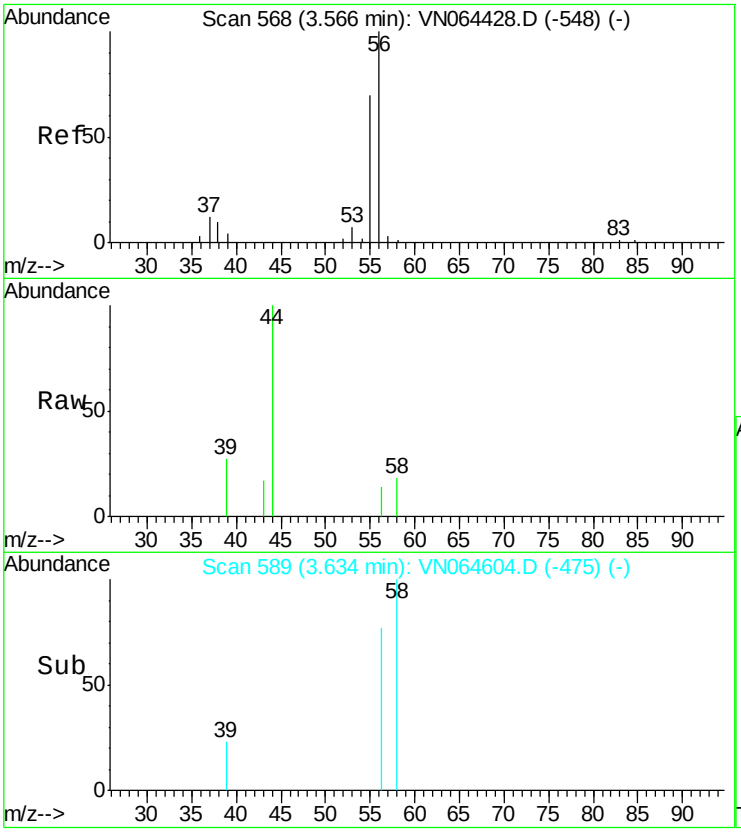


#11
Tert butyl alcohol
Concen: 1.688 ug/l
RT: 4.76 min Scan# 939
Delta R.T. 0.02 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 59 Resp: 781

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



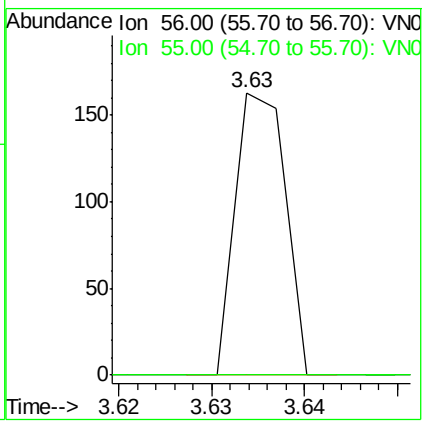


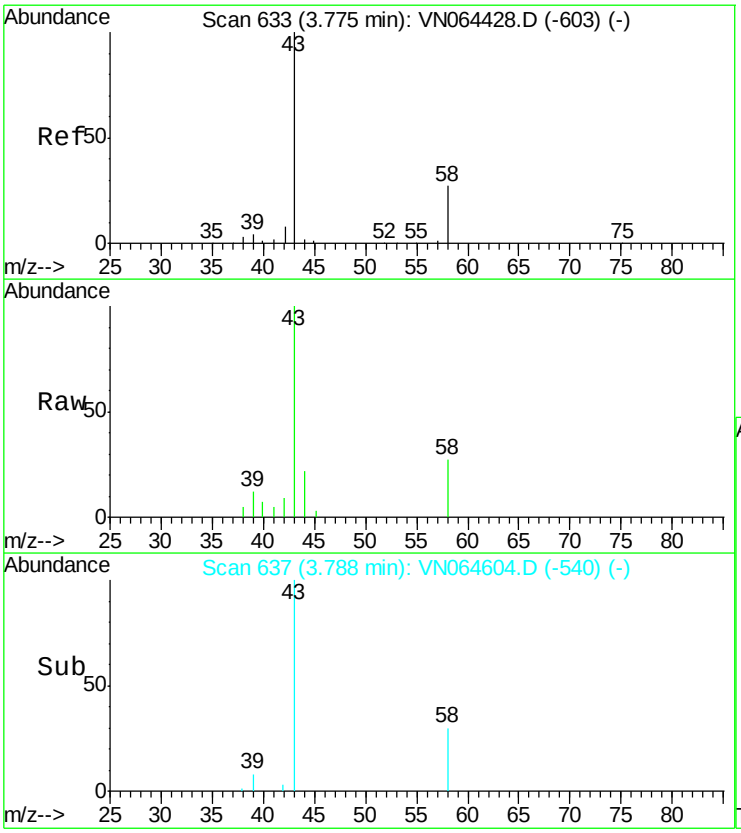
#13
Acrolein
Concen: 0.213 ug/l
RT: 3.63 min Scan# 589
Delta R.T. 0.07 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Tgt Ion: 56 Resp: 61

Ion	Ratio	Lower	Upper
56	100		
55	0.0	55.9	83.9#

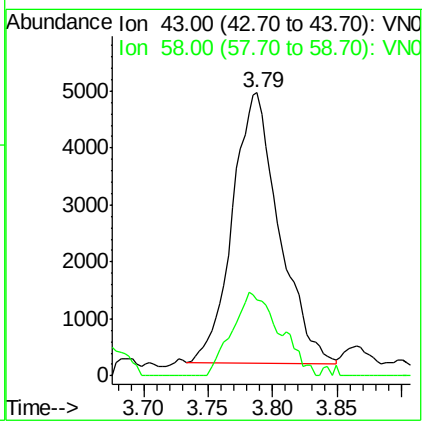


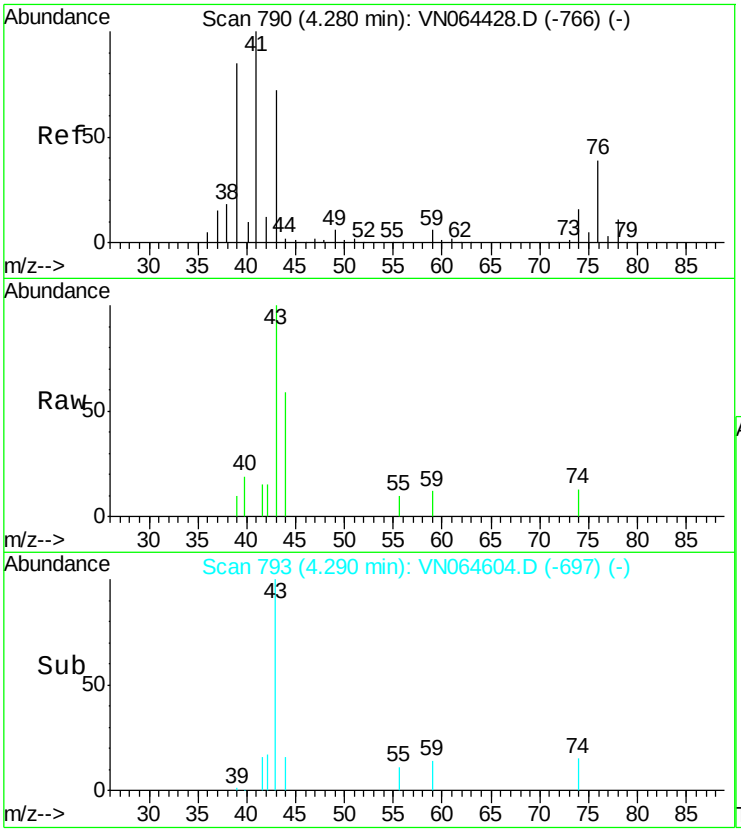


#16
Acetone
Concen: 7.480 ug/l
RT: 3.79 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 43 Resp: 11953

Ion	Ratio	Lower	Upper
43	100		
58	28.3	21.4	32.0



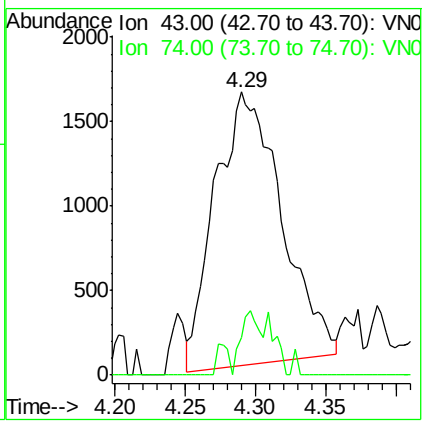


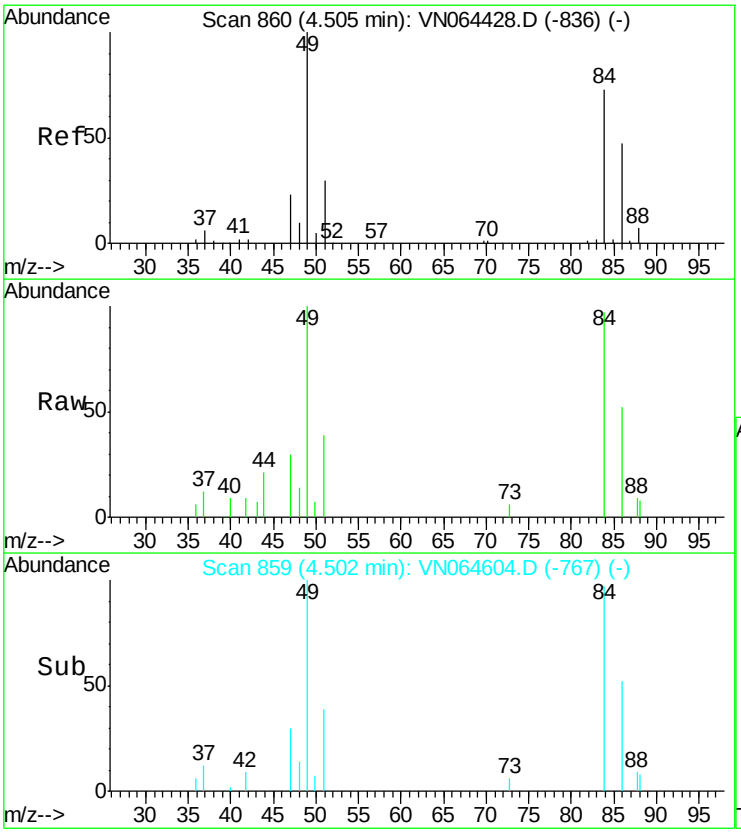
#18
Methyl Acetate
Concen: 1.694 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#02

Tgt Ion: 43 Resp: 5323

Ion	Ratio	Lower	Upper
43	100		
74	6.9	17.0	25.4#

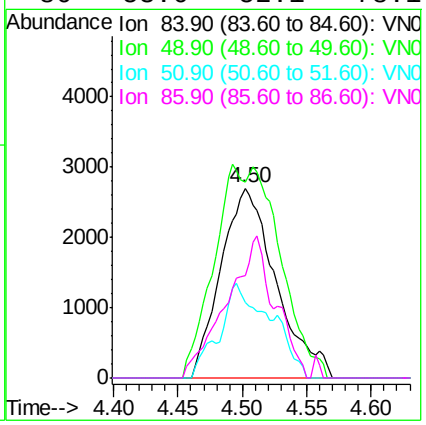


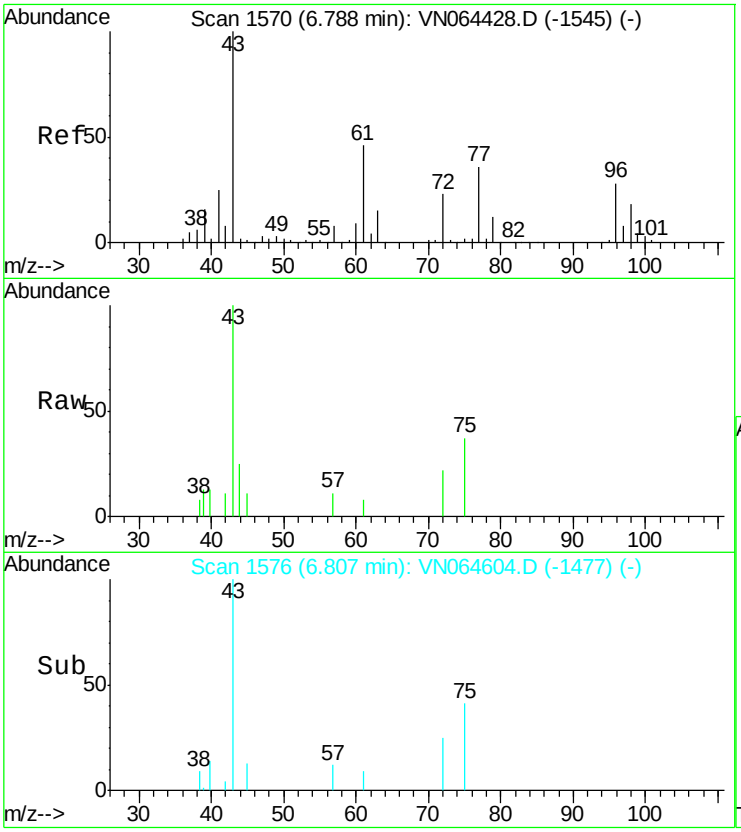


#20
Methylene Chloride
Concen: 2.533 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 84 Resp: 8030

Ion	Ratio	Lower	Upper
84	100		
49	103.5	110.1	165.1#
51	39.9	33.6	50.4
86	53.6	52.1	78.1



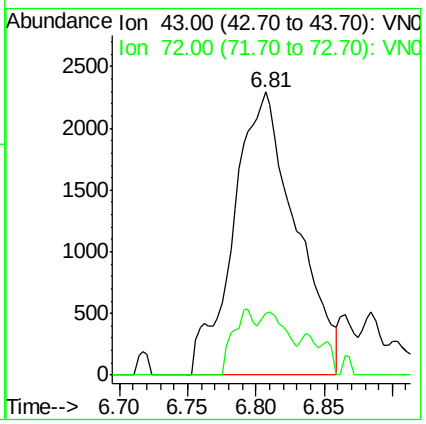


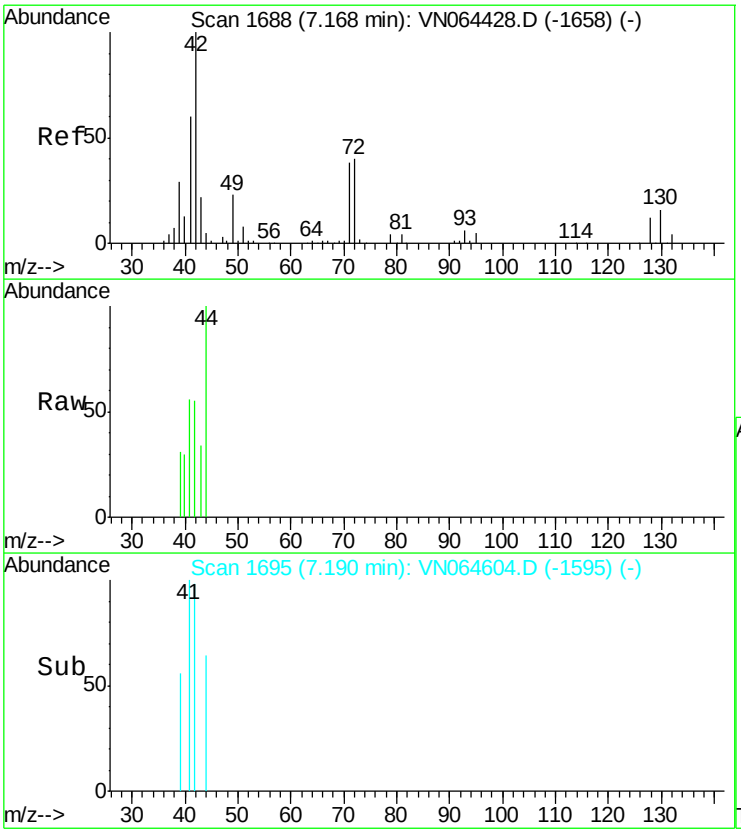
#25
2-Butanone
Concen: 3.576 ug/l
RT: 6.81 min Scan# 1576
Delta R.T. 0.02 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Tgt Ion: 43 Resp: 7281

Ion	Ratio	Lower	Upper
43	100		
72	21.9	18.5	27.7

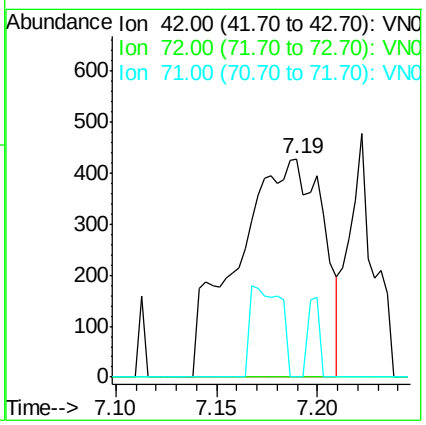


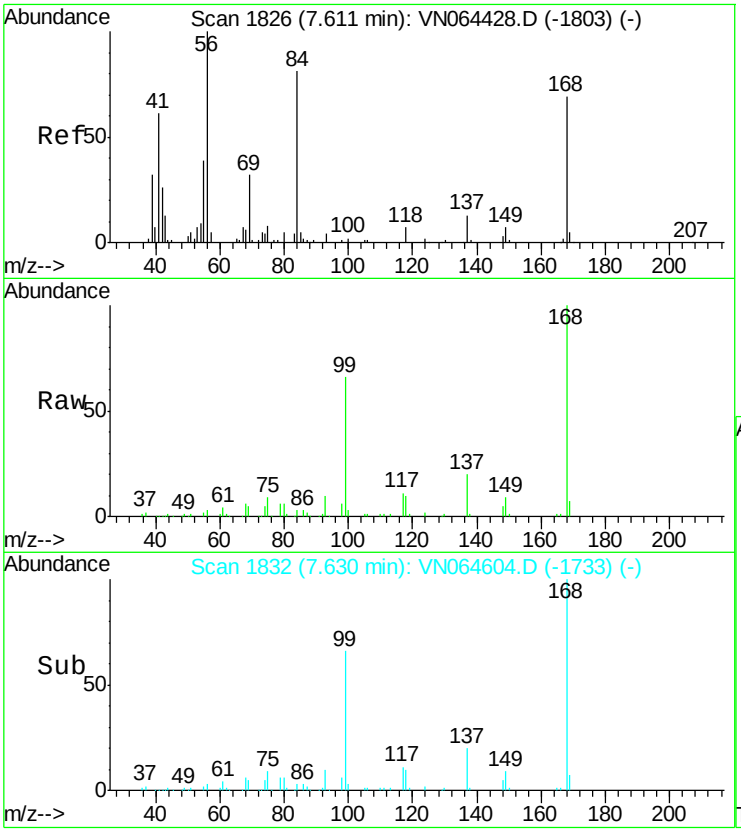


#29
Tetrahydrofuran
Concen: 1.003 ug/l
RT: 7.19 min Scan# 1695
Delta R.T. 0.02 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 42 Resp: 1253

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	4.7	29.8	44.6#



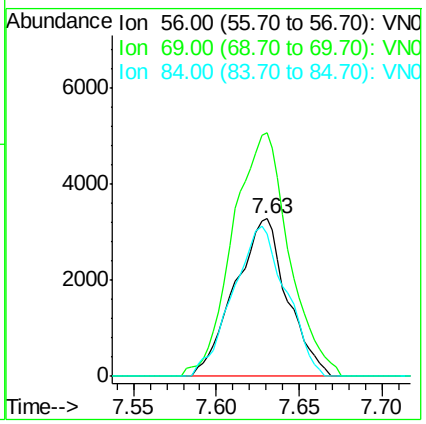


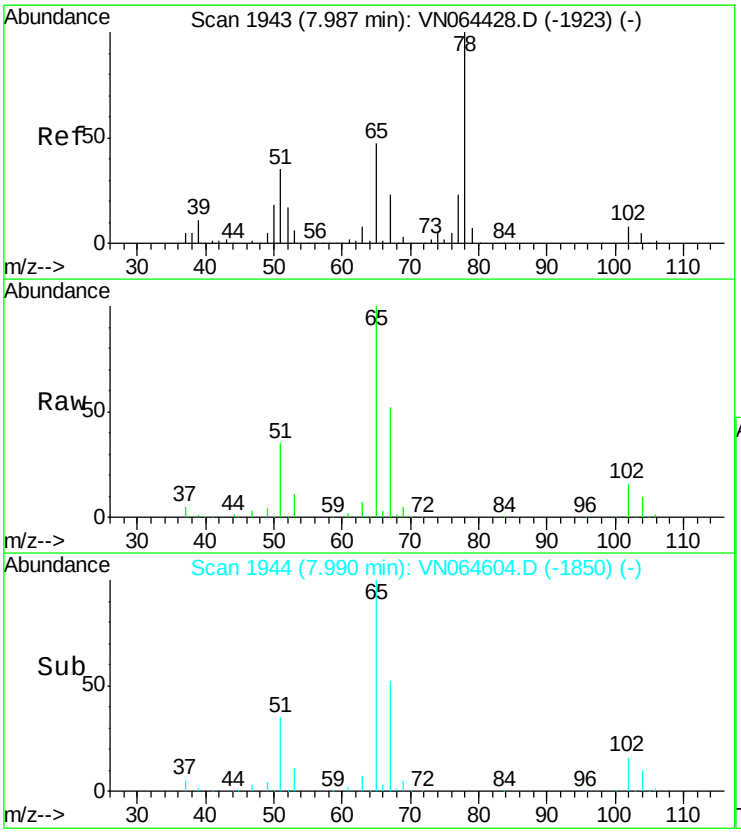
#31
Cyclohexane
Concen: 1.409 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#02

Tgt Ion: 56 Resp: 7183

Ion	Ratio	Lower	Upper
56	100		
69	149.4	25.6	38.4#
84	90.0	63.0	94.6

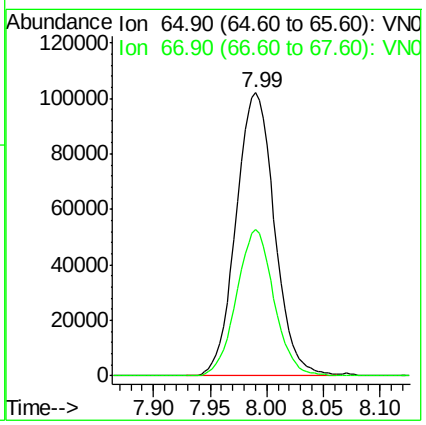


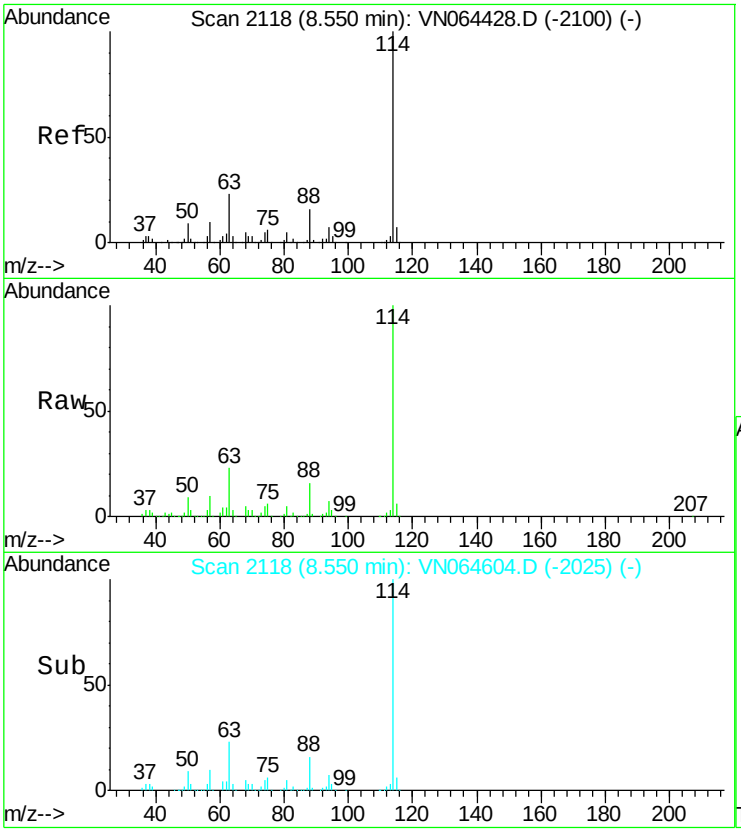


#33
1,2-Dichloroethane-d4
Concen: 57.582 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 65 Resp: 241555

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.6



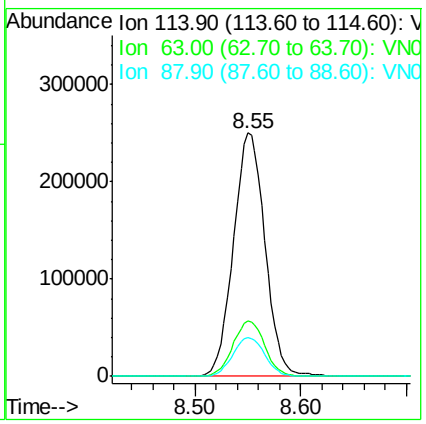


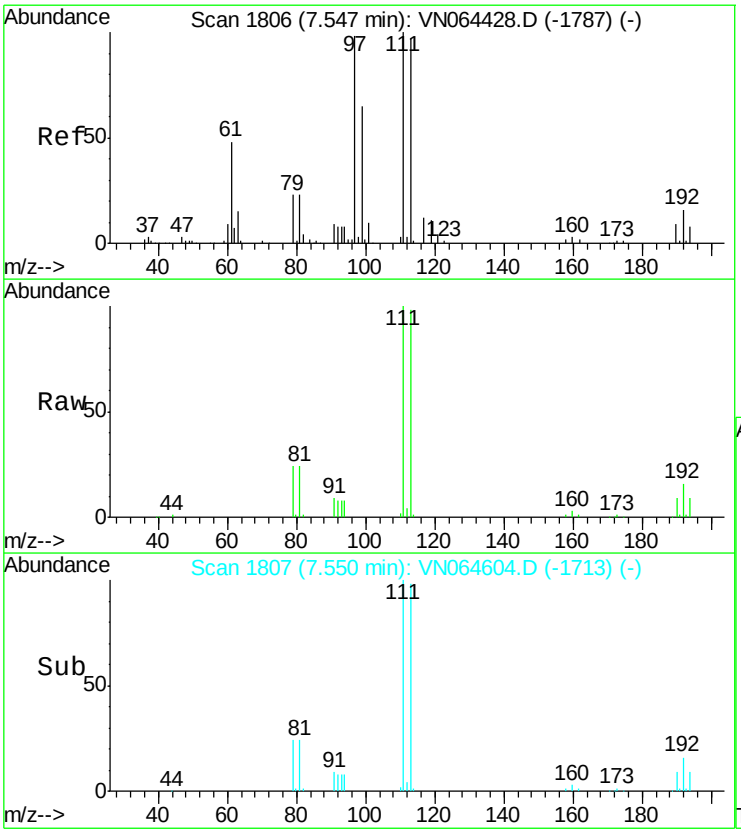
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Tgt Ion:114 Resp: 519975

Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	45.6
88	15.7	0.0	32.8

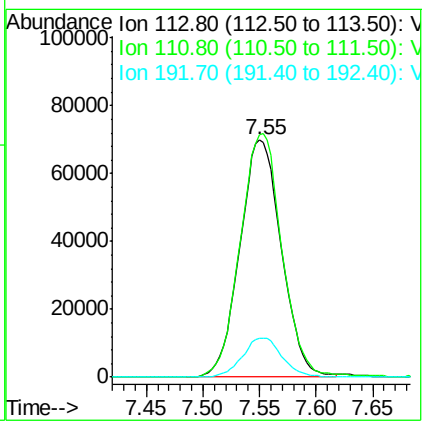


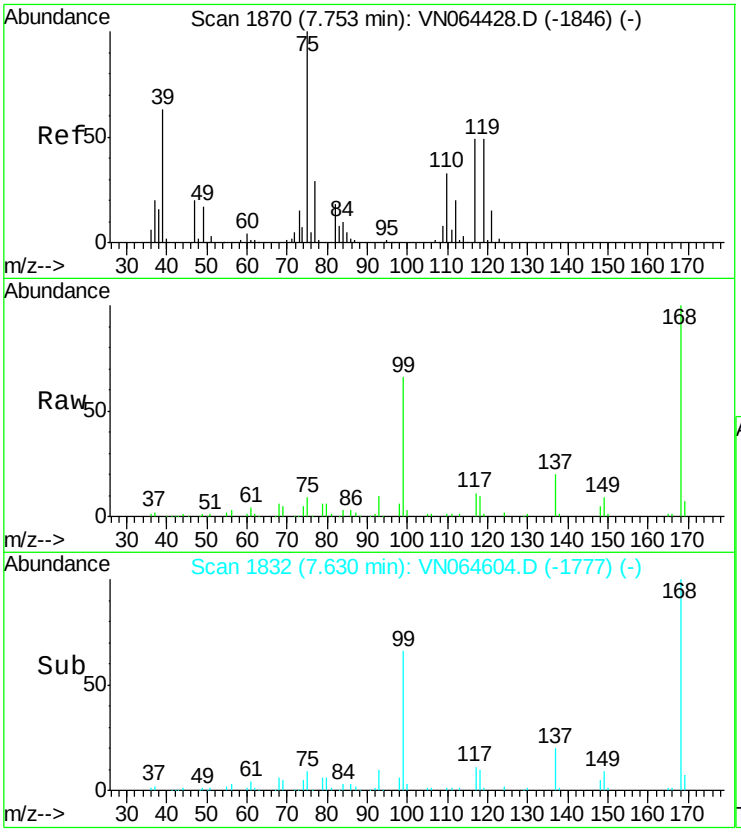


#35
Dibromofluoromethane
Concen: 50.377 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion:113 Resp: 178352

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.1	121.7
192	15.6	12.8	19.2



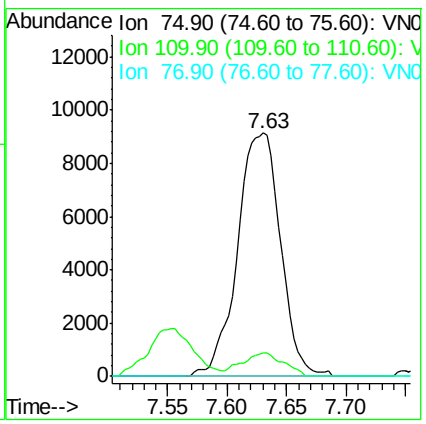


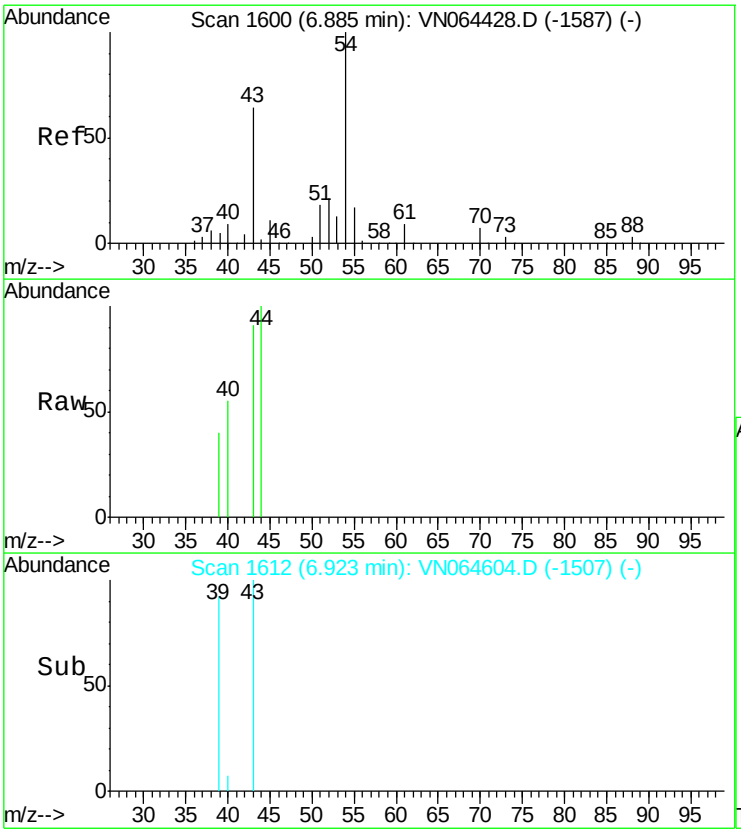
#36
1,1-Dichloropropene
Concen: 4.164 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.12 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Tgt Ion: 75 Resp: 22875

Ion	Ratio	Lower	Upper
75	100		
110	9.5	16.0	48.0#
77	0.0	24.0	36.0#

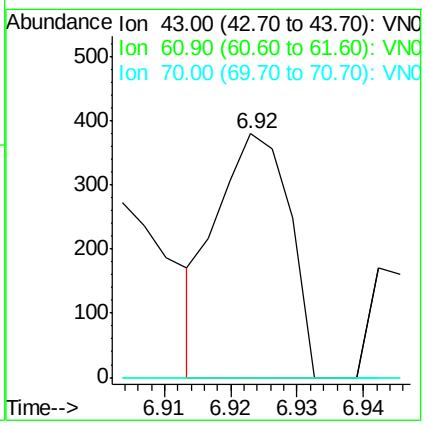


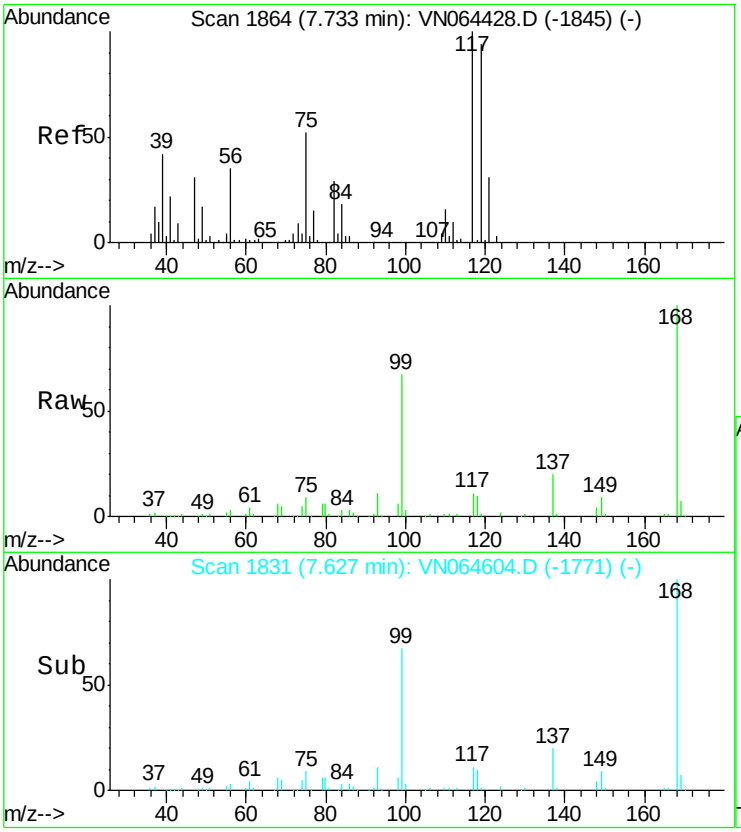


#37
Ethyl Acetate
Concen: 0.814 ug/l
RT: 6.92 min Scan# 1612
Delta R.T. 0.04 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 43 Resp: 291

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



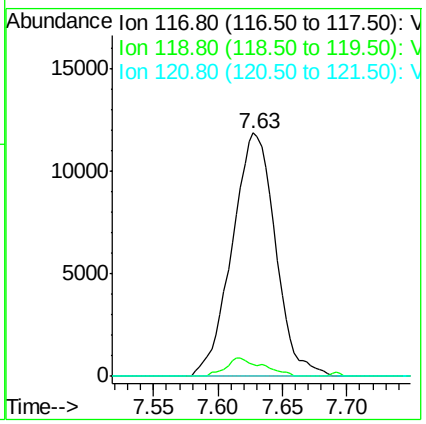


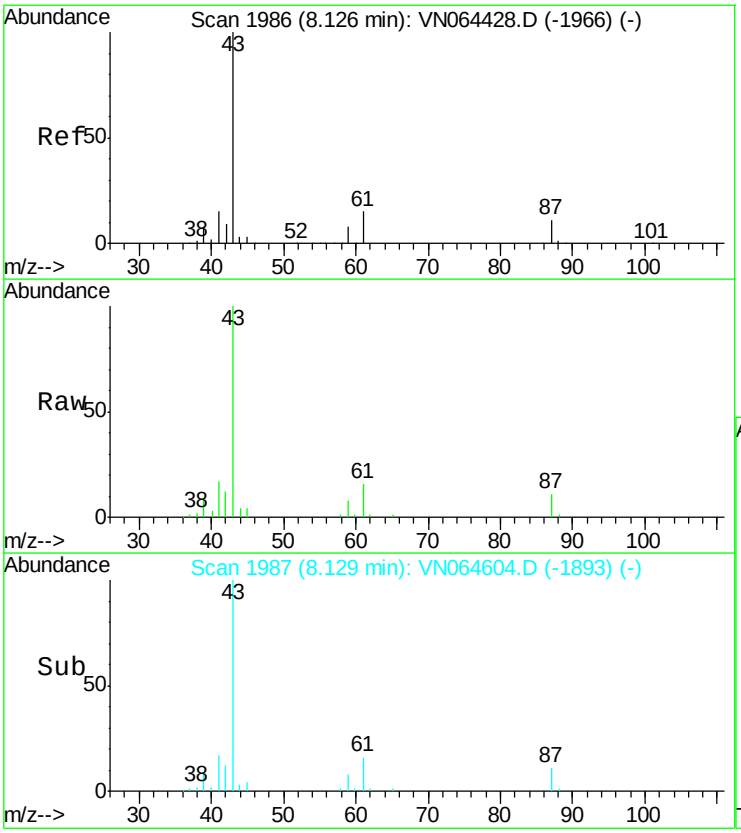
#38
Carbon Tetrachloride
Concen: 4.740 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Tgt Ion:117 Resp: 27828

Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.5	113.3#
121	0.0	24.4	36.6#

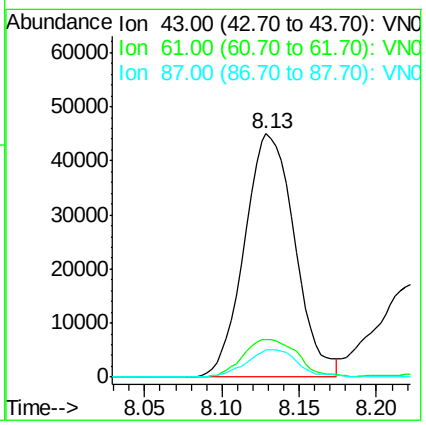


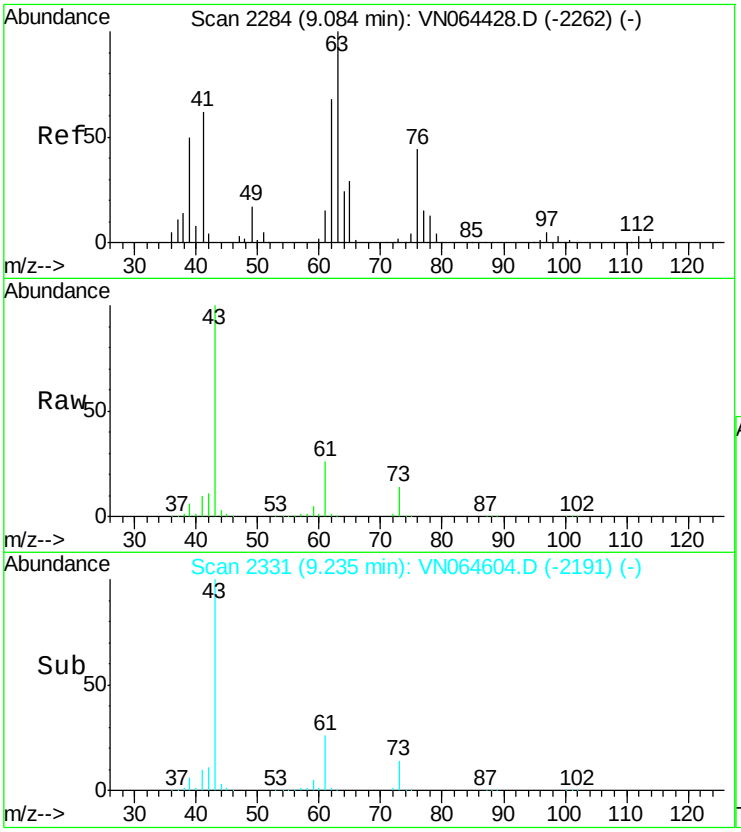


#43
Isopropyl Acetate
Concen: 11.457 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 43 Resp: 101994

Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.0	21.0
87	11.4	9.1	13.7



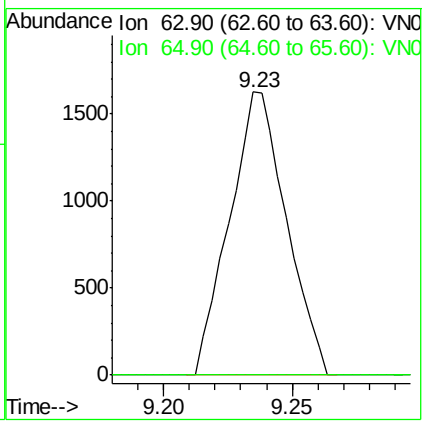


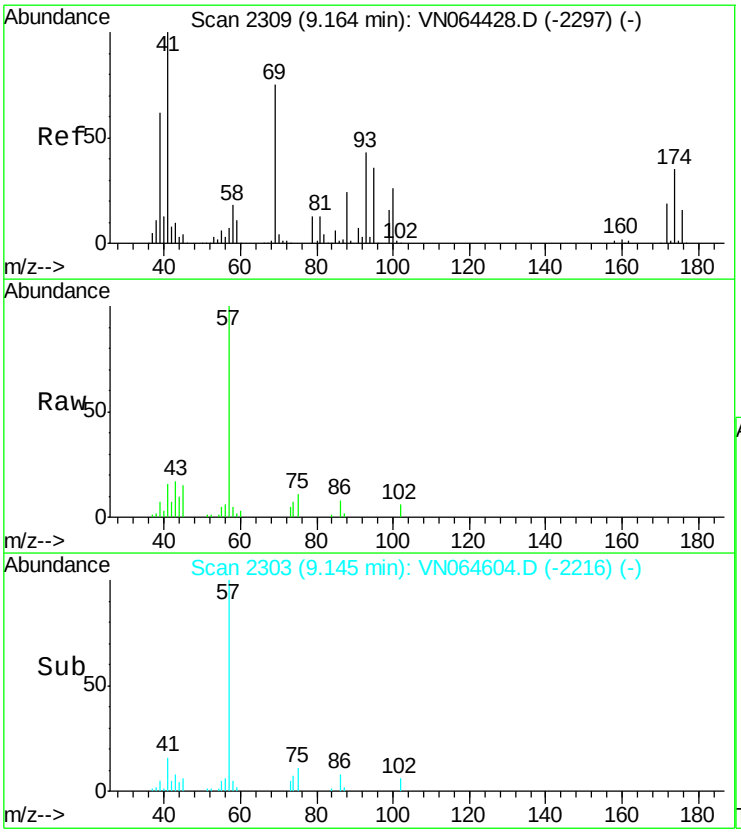
#45
1,2-Dichloropropane
Concen: 0.579 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#02

Tgt Ion: 63 Resp: 2495

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.6	35.4#

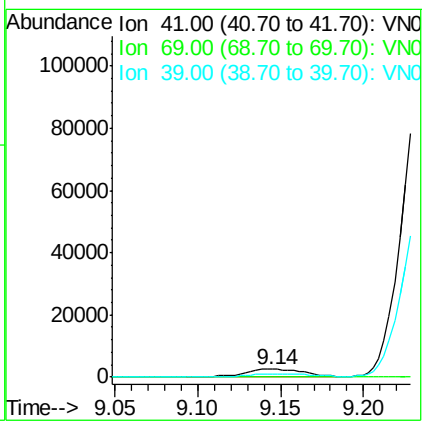


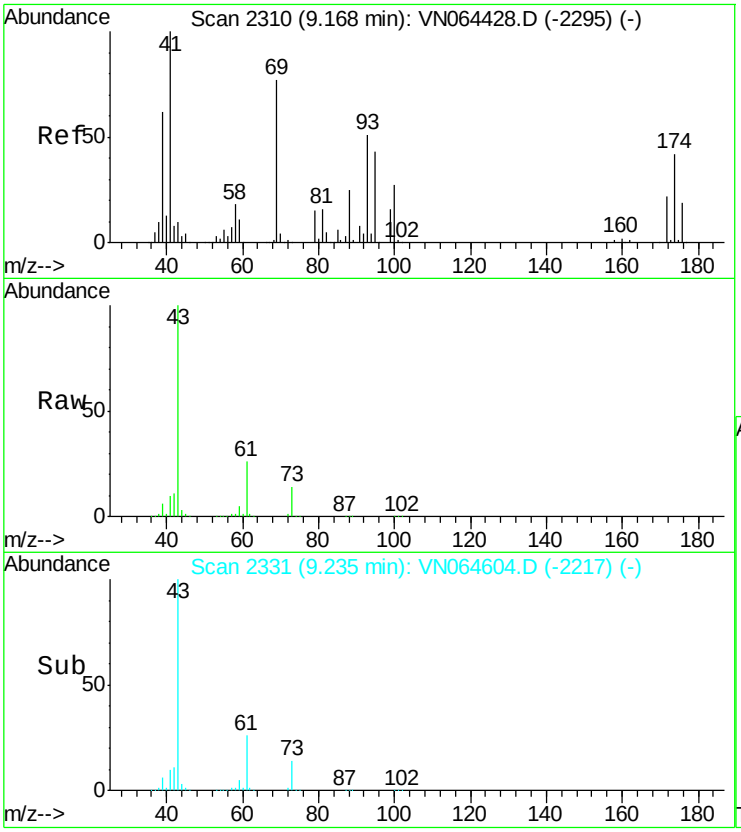


#48
Methyl methacrylate
Concen: 1.421 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 41 Resp: 6382

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.4	90.6#
39	0.0	51.2	76.8#



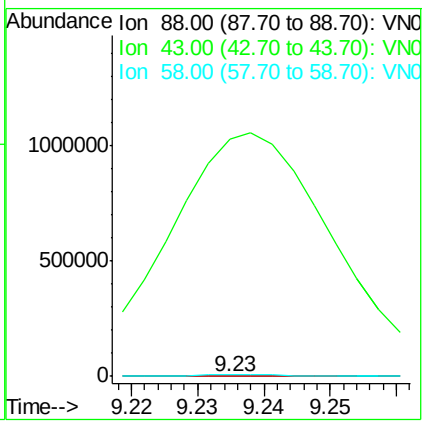


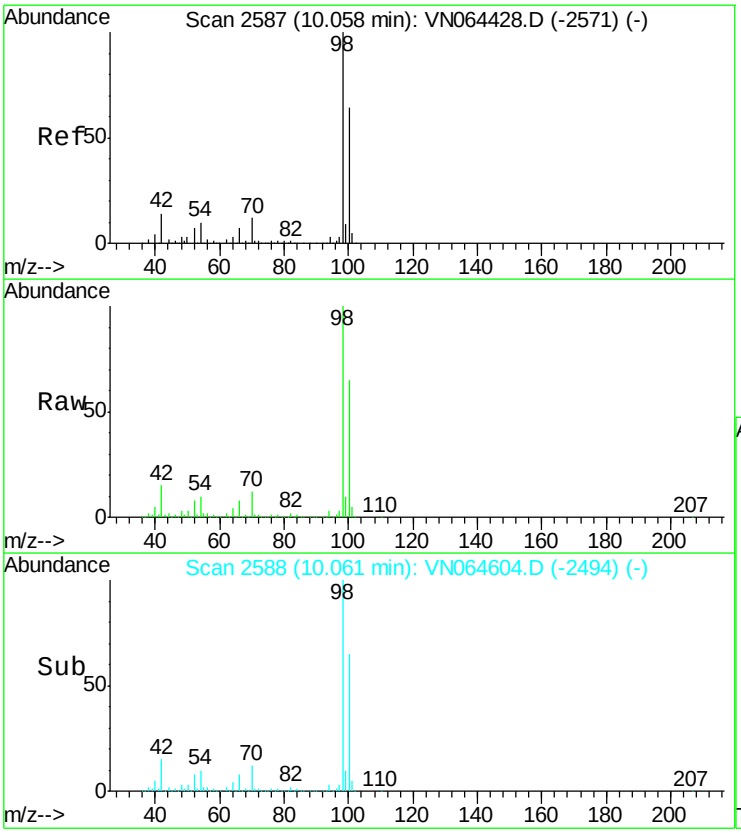
#49
1,4-Dioxane
Concen: 2.299 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#02

Tgt Ion: 88 Resp: 136

Ion	Ratio	Lower	Upper
88	100		
43	1410219.1	31.0	46.6#
58	7815.4	58.4	87.6#

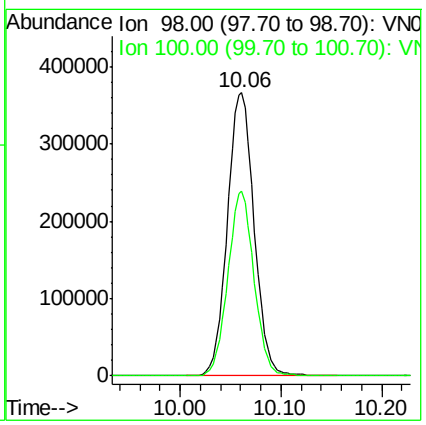


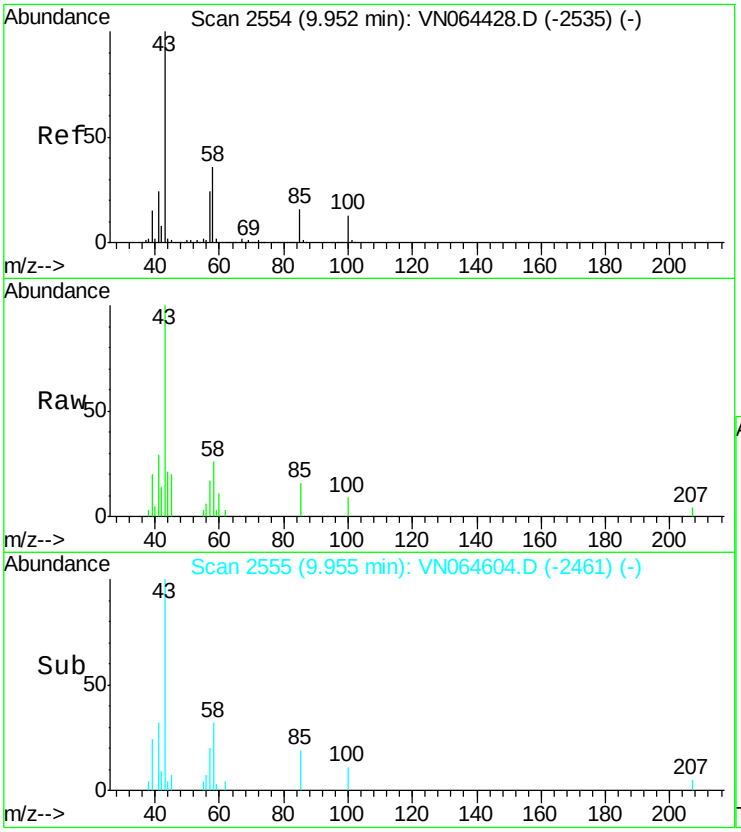


#50
Toluene-d8
Concen: 49.515 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 98 Resp: 677529

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1



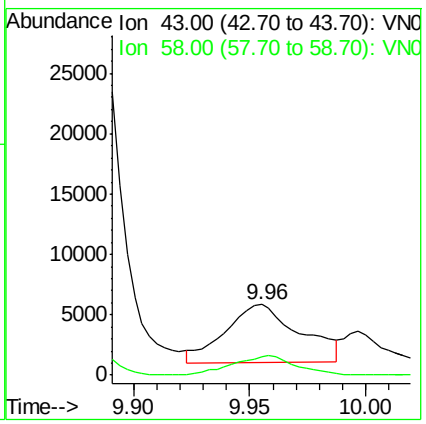


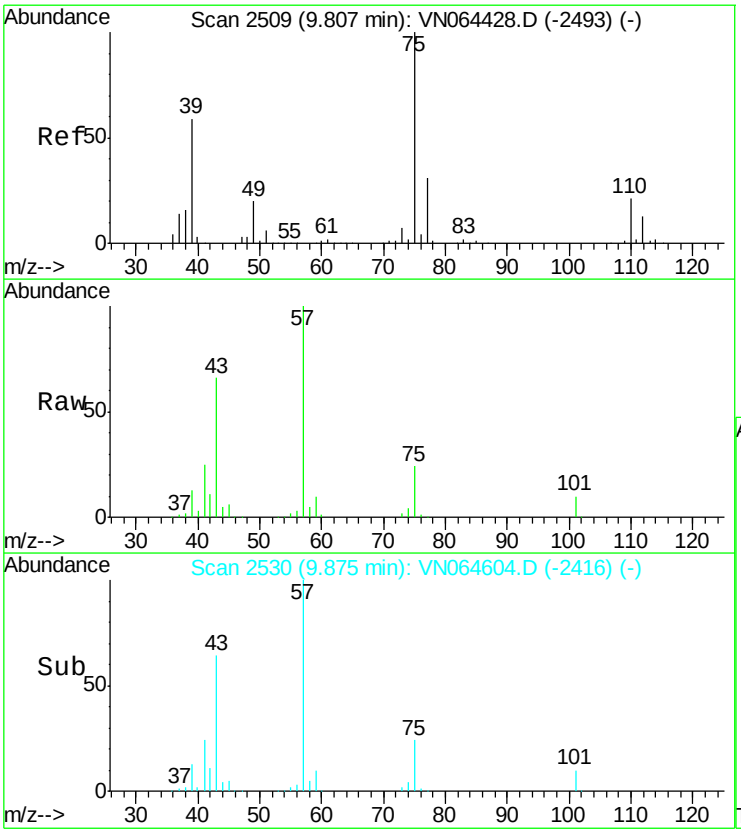
#51
4-Methyl-2-Pentanone
Concen: 2.052 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Tgt Ion: 43 Resp: 10653

Ion	Ratio	Lower	Upper
43	100		
58	28.6	28.4	42.6

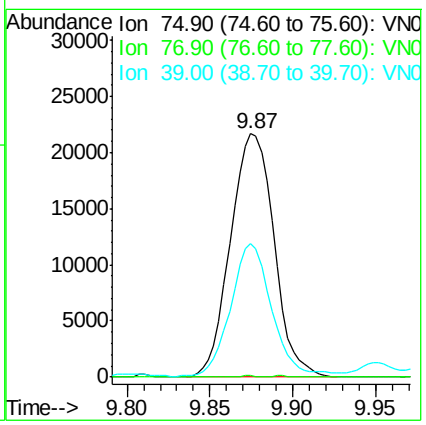


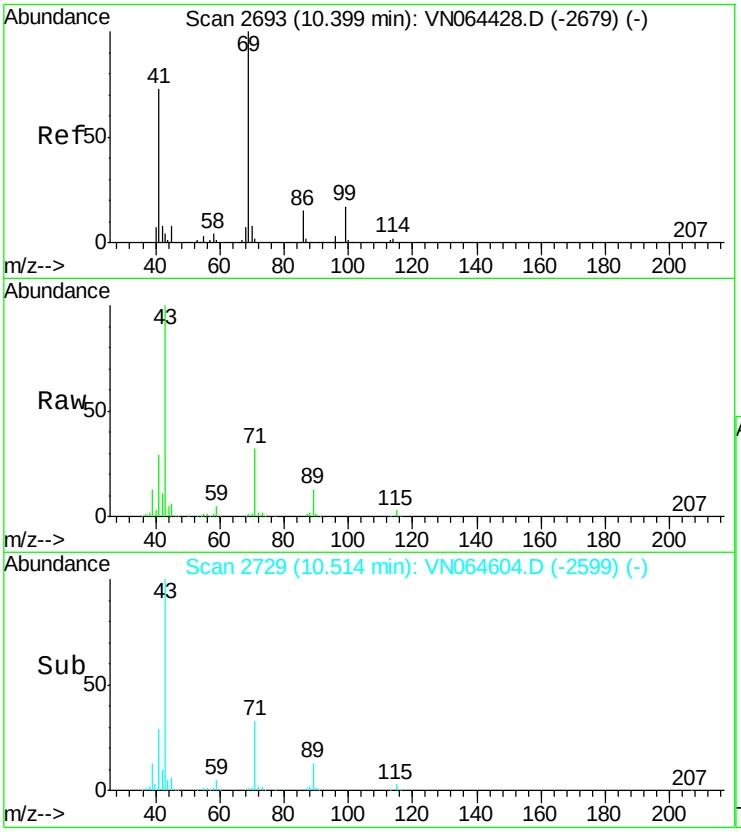


#54
cis-1,3-Dichloropropene
Concen: 5.733 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 75 Resp: 39616

Ion	Ratio	Lower	Upper
75	100		
77	0.7	24.9	37.3#
39	54.1	47.1	70.7



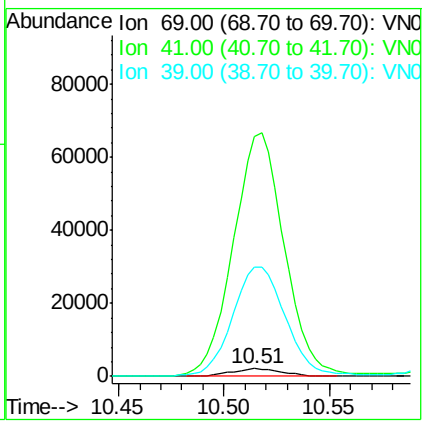


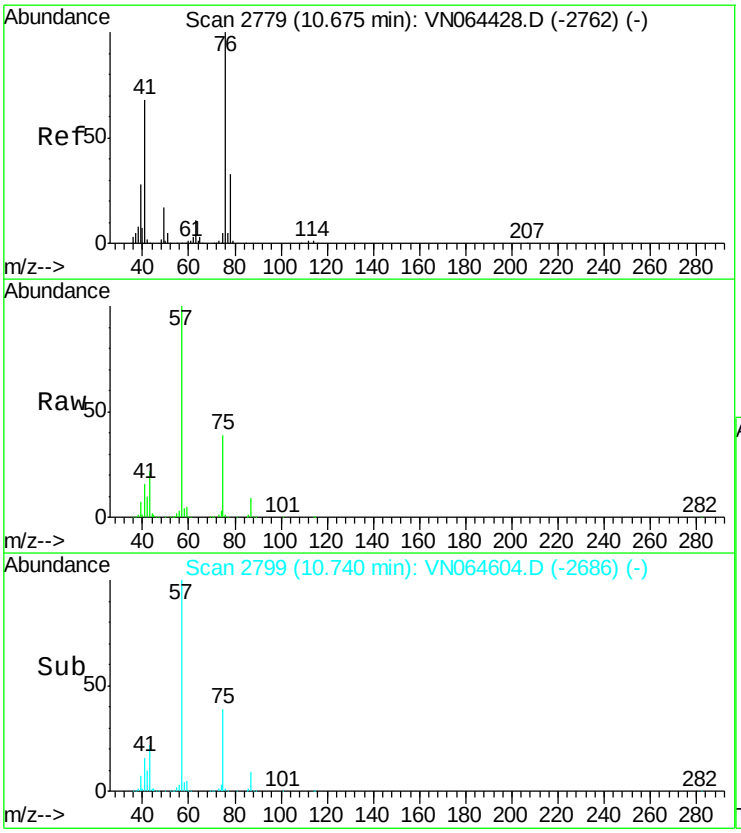
#56
Ethyl methacrylate
Concen: 2.394 ug/l
RT: 10.51 min Scan# 2729
Delta R.T. 0.12 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#02

Tgt Ion: 69 Resp: 3626

Ion	Ratio	Lower	Upper
69	100		
41	3099.1	59.3	88.9#
39	1448.2	35.4	53.0#

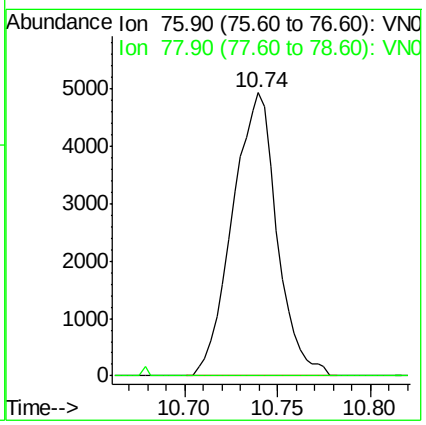


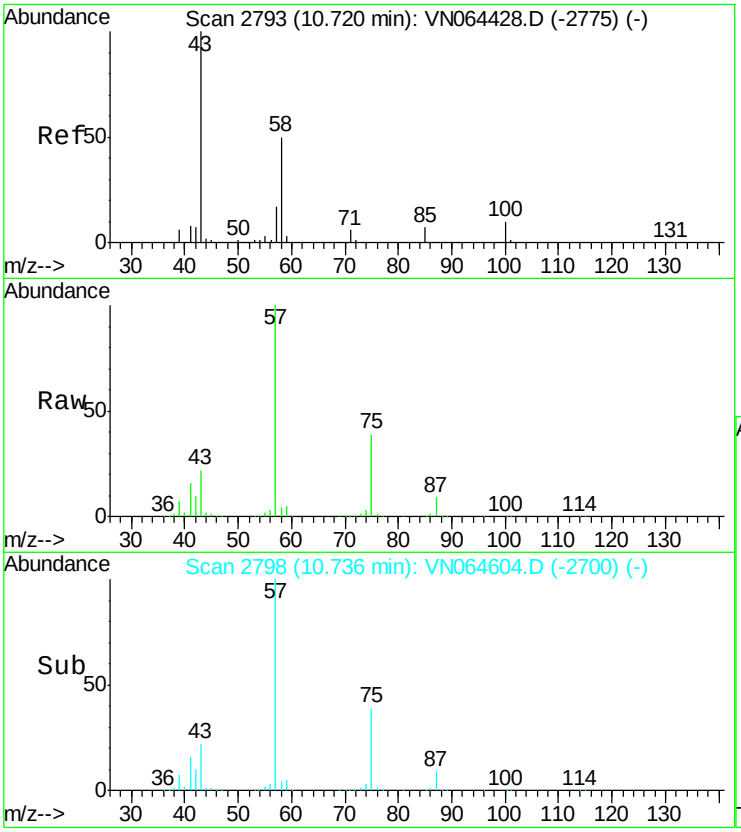


#57
1,3-Dichloropropane
Concen: 1.225 ug/l
RT: 10.74 min Scan# 2799
Delta R.T. 0.06 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 76 Resp: 8213

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#



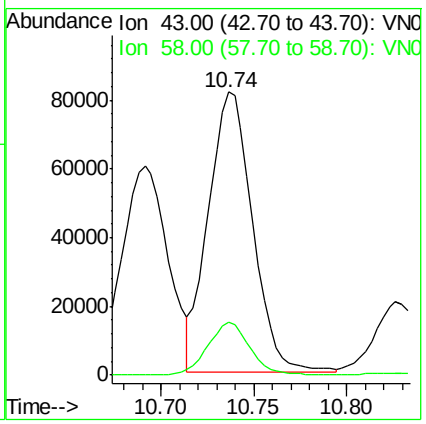


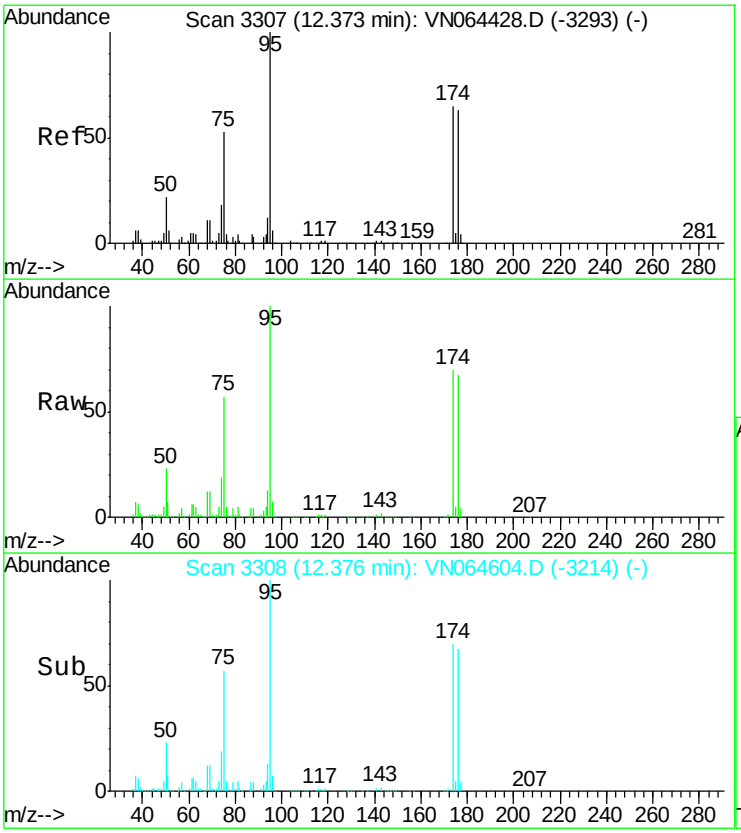
#59
2-Hexanone
Concen: 35.251 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Tgt Ion: 43 Resp: 134341

Ion	Ratio	Lower	Upper
43	100		
58	18.1	24.7	74.1#

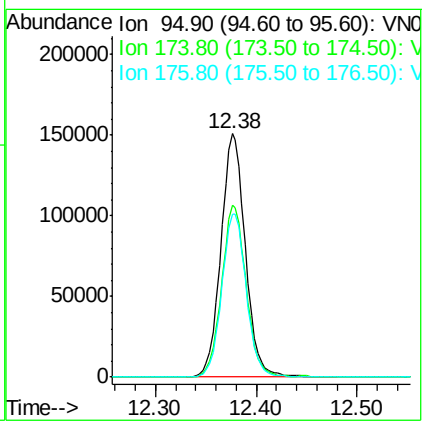


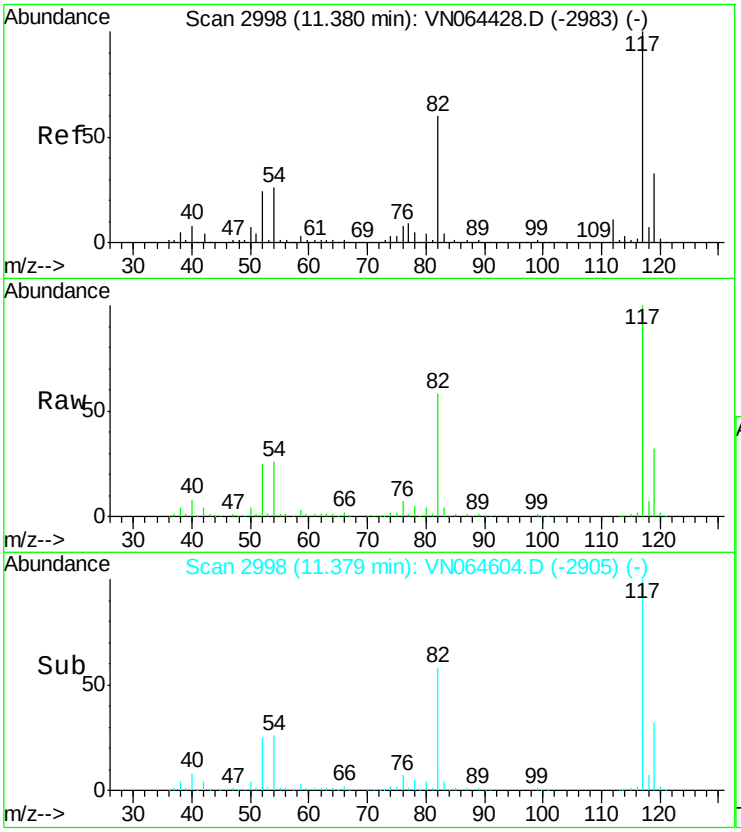


#62
4-Bromofluorobenzene
Concen: 49.239 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 95 Resp: 254807

Ion	Ratio	Lower	Upper
95	100		
174	71.0	0.0	132.6
176	67.4	0.0	129.2



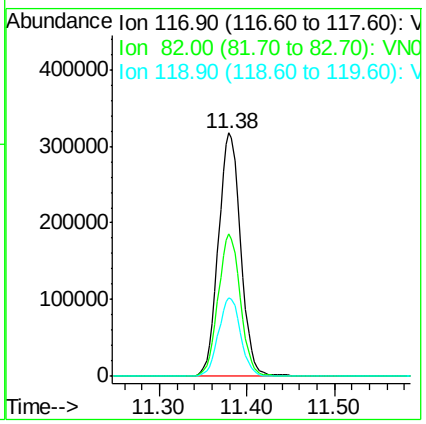


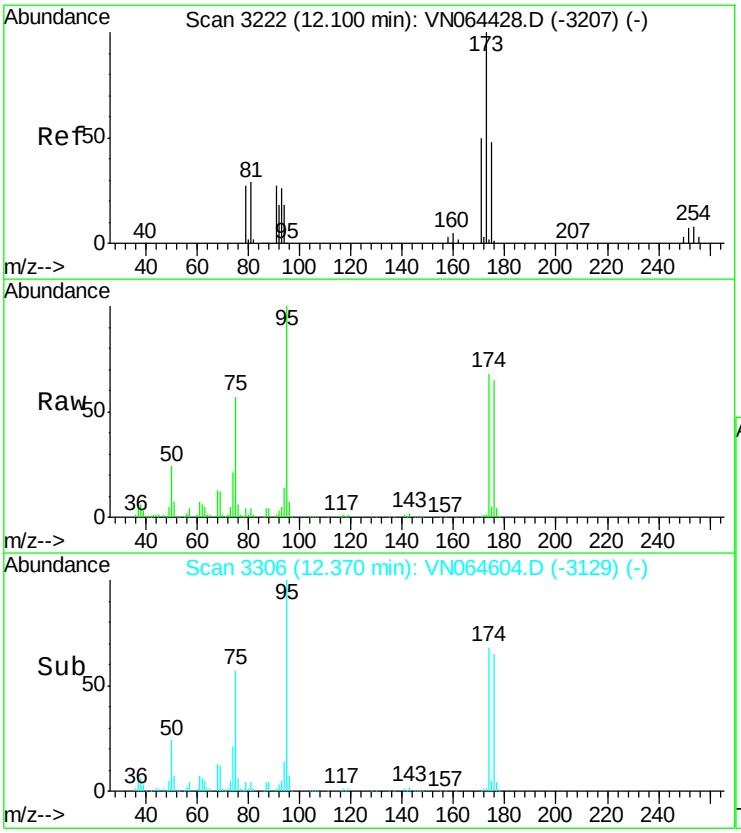
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#02

Tgt Ion:117 Resp: 561205

Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.1	72.1
119	32.4	26.2	39.4

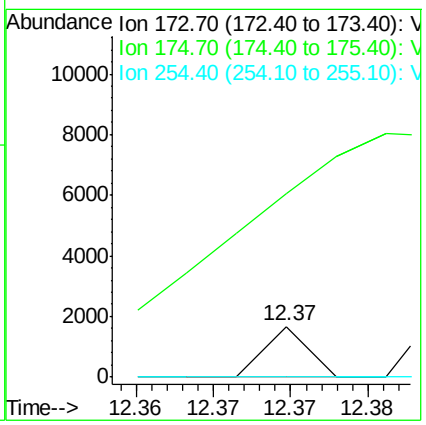


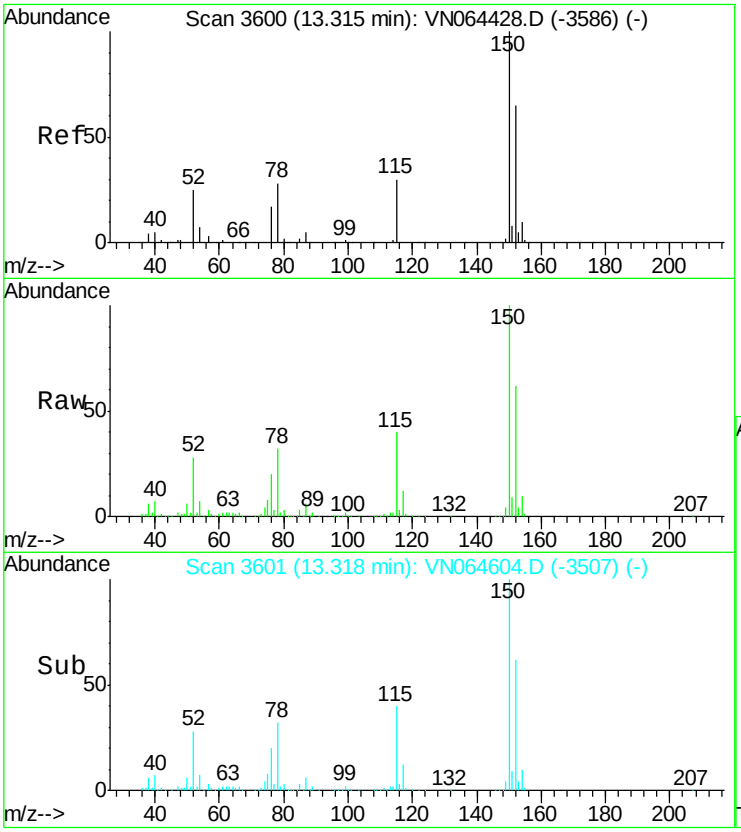


#71
Bromoform
Concen: 1.366 ug/l
RT: 12.37 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion:173 Resp: 320

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



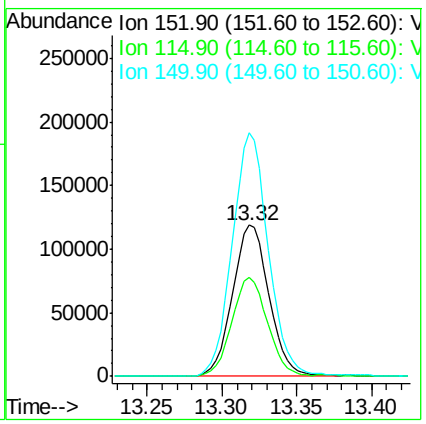


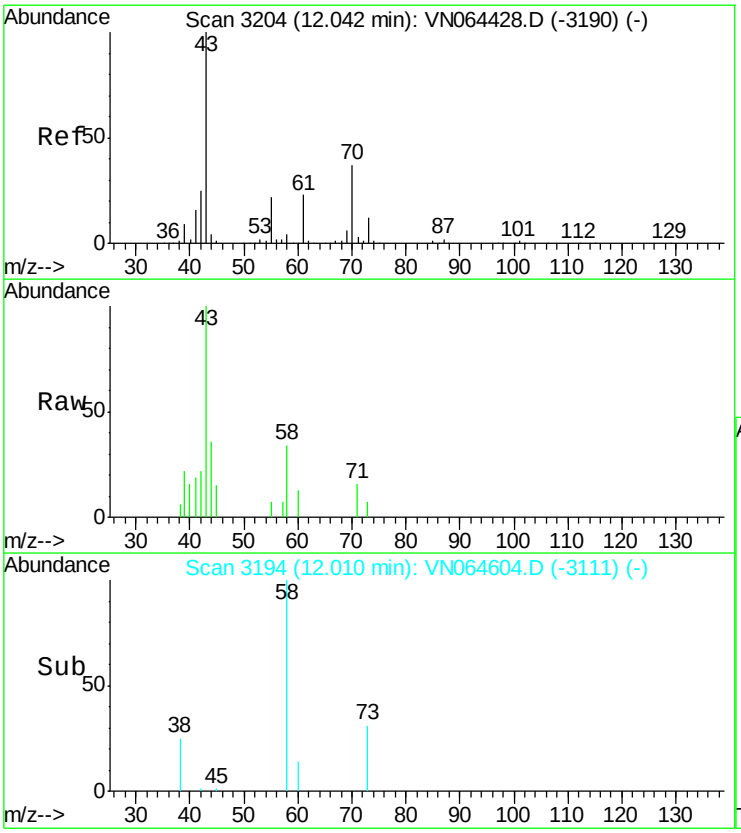
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Tgt Ion:152 Resp: 201672

Ion	Ratio	Lower	Upper
152	100		
115	64.0	32.0	96.0
150	159.0	0.0	353.8

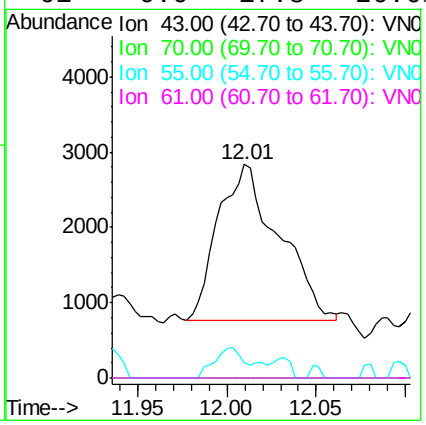


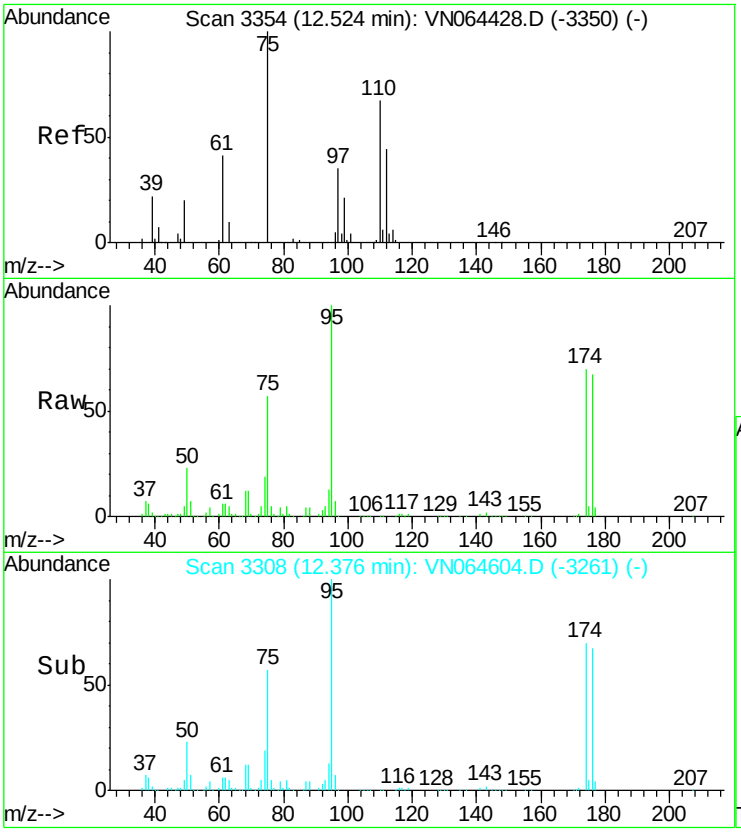


#74
N-amyl acetate
Concen: 1.825 ug/l
RT: 12.01 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 43 Resp: 4869

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.6	44.4#
55	9.3	18.4	27.6#
61	0.0	17.8	26.6#



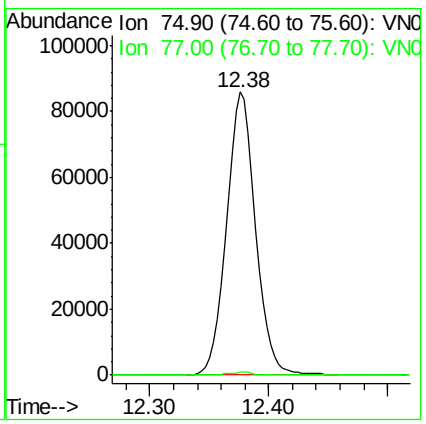


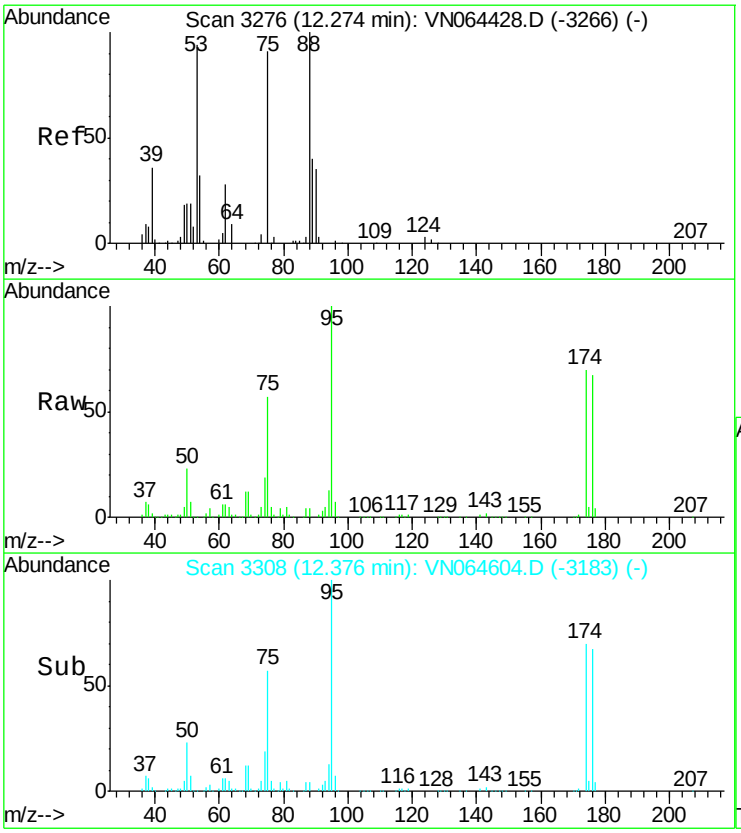
#76
1,2,3-Trichloropropane
Concen: 29.542 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Tgt Ion: 75 Resp: 144351

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#

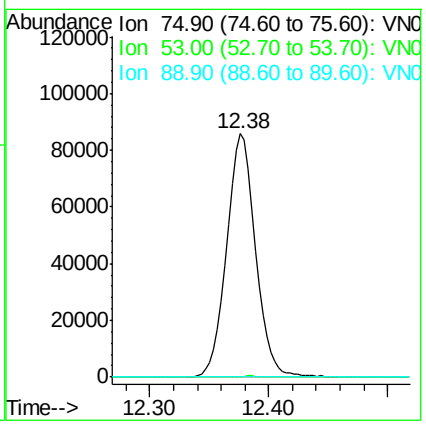


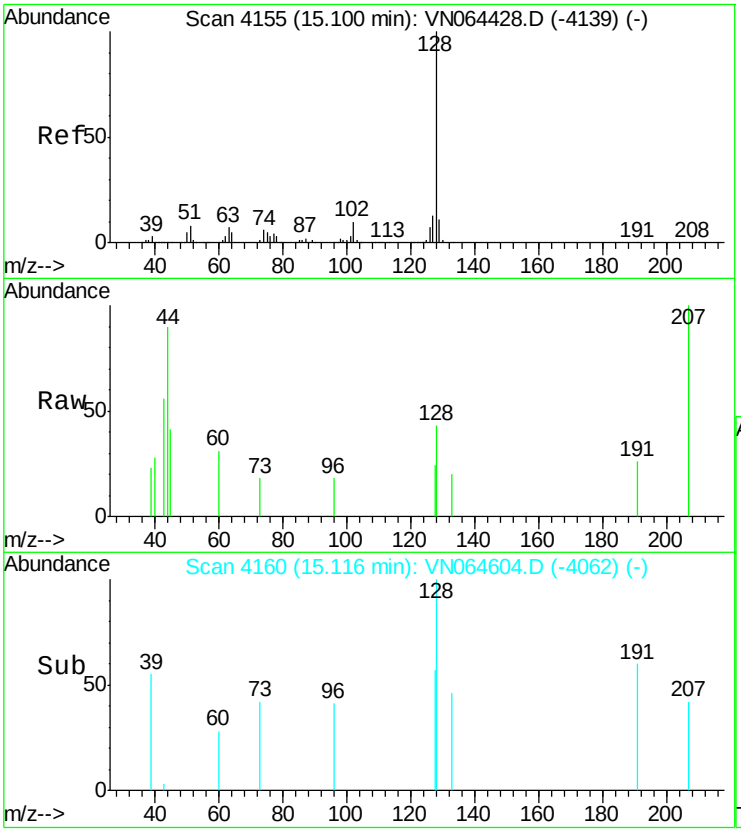


#81
trans-1,4-Dichloro-2-butene
Concen: 82.484 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion: 75 Resp: 144351

Ion	Ratio	Lower	Upper
75	100		
53	0.4	84.0	126.0#
89	0.0	36.3	54.5#



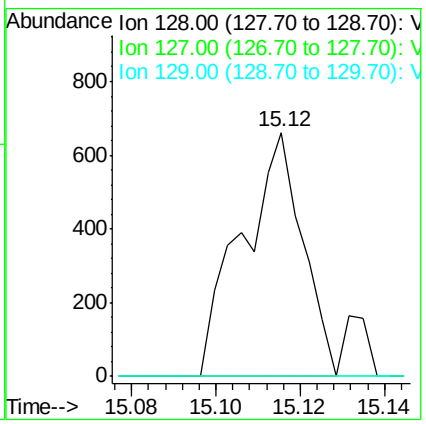


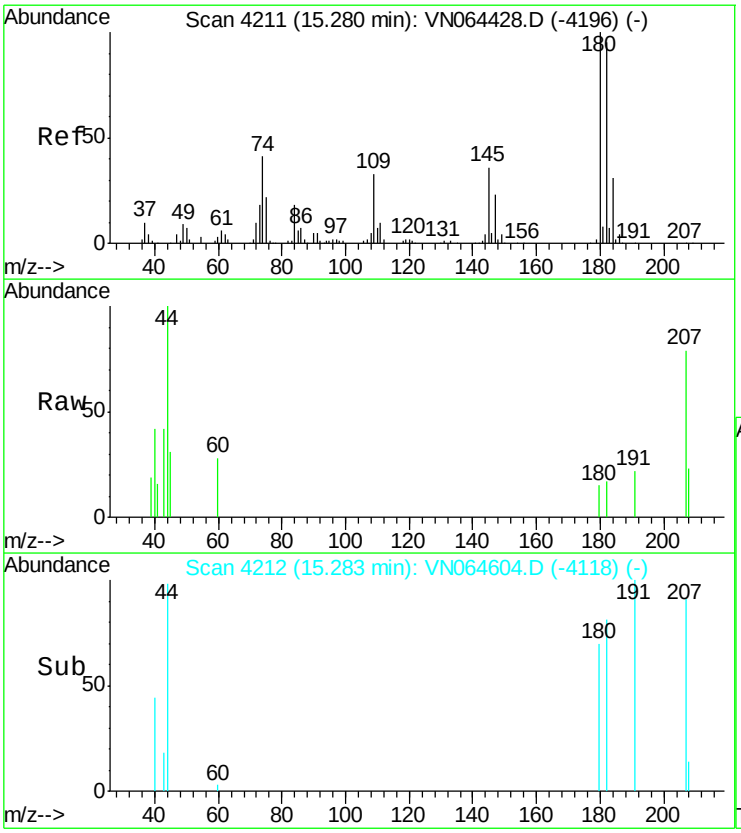
#95
Naphthalene
Concen: 3.678 ug/l
RT: 15.12 min Scan# 4160
Delta R.T. 0.02 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#02

Tgt Ion:128 Resp: 662

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.8	13.2#





#96
1,2,3-Trichlorobenzene
Concen: 2.785 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064604.D
Acq: 13 Nov 2020 1:43

Tgt Ion:180 Resp: 33

Ion	Ratio	Lower	Upper
180	100		
182	218.2	47.7	143.1#
145	0.0	18.3	54.8#