Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111220\
Data File : VN064608.D
Acq On : 13 Nov 2020 3:20
Operator : JC/MD
Sample : PB132945ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#06

Quant Time: Nov 13 04:26:53 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	227376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	514832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	537298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	187604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	233355	58.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.84%			
35) Dibromofluoromethane	7.55	113	170997	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.56%			
50) Toluene-d8	10.06	98	661766	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.70%			
62) 4-Bromofluorobenzene	12.38	95	246940	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.40%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.75	59	422	0.966	ug/l #	71
13) Acrolein	3.46	56	73	0.269	ug/l #	1
16) Acetone	3.78	43	11349	7.523	ug/l	99
18) Methyl Acetate	4.29	43	3525	1.188	ug/l	92
20) Methylene Chloride	4.50	84	5432	1.815	ug/l #	78
25) 2-Butanone	6.80	43	6927	3.604	ug/l	96
29) Tetrahydrofuran	7.16	42	552	0.468	ug/l #	53
31) Cyclohexane	7.62	56	6986	1.451	ug/l #	21
36) 1,1-Dichloropropene	7.62	75	21965	4.039	ug/l #	49
37) Ethyl Acetate	6.92	43	258	0.808	ug/l #	71
38) Carbon Tetrachloride	7.63	117	26945	4.635	ug/l #	18
43) Isopropyl Acetate	8.13	43	99566	11.296	ug/l	99
45) 1,2-Dichloropropane	9.24	63	2509	0.588	ug/l #	45
48) Methyl methacrylate	9.24	41	194631	43.761	ug/l #	48
49) 1,4-Dioxane	9.24	88	309	5.275	ug/l #	1
51) 4-Methyl-2-Pentanone	9.96	43	8026	1.561	ug/l	99
54) cis-1,3-Dichloropropene	9.87	75	38707	5.657	ug/l #	71
56) Ethyl methacrylate	10.52	69	3641	2.402	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	8081	1.218	ug/l #	42
59) 2-Hexanone	10.74	43	130934	34.763	ug/l #	57
71) Bromoform	12.36	173	219	1.340	ug/l #	29
74) N-amyl acetate	12.00	43	4757	1.856	ug/l #	53
76) 1,2,3-Trichloropropane	12.38	75	136953	30.129	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	136953	84.125	ug/l #	8
95) Naphthalene	15.12	128	60	3.628	ug/l #	69

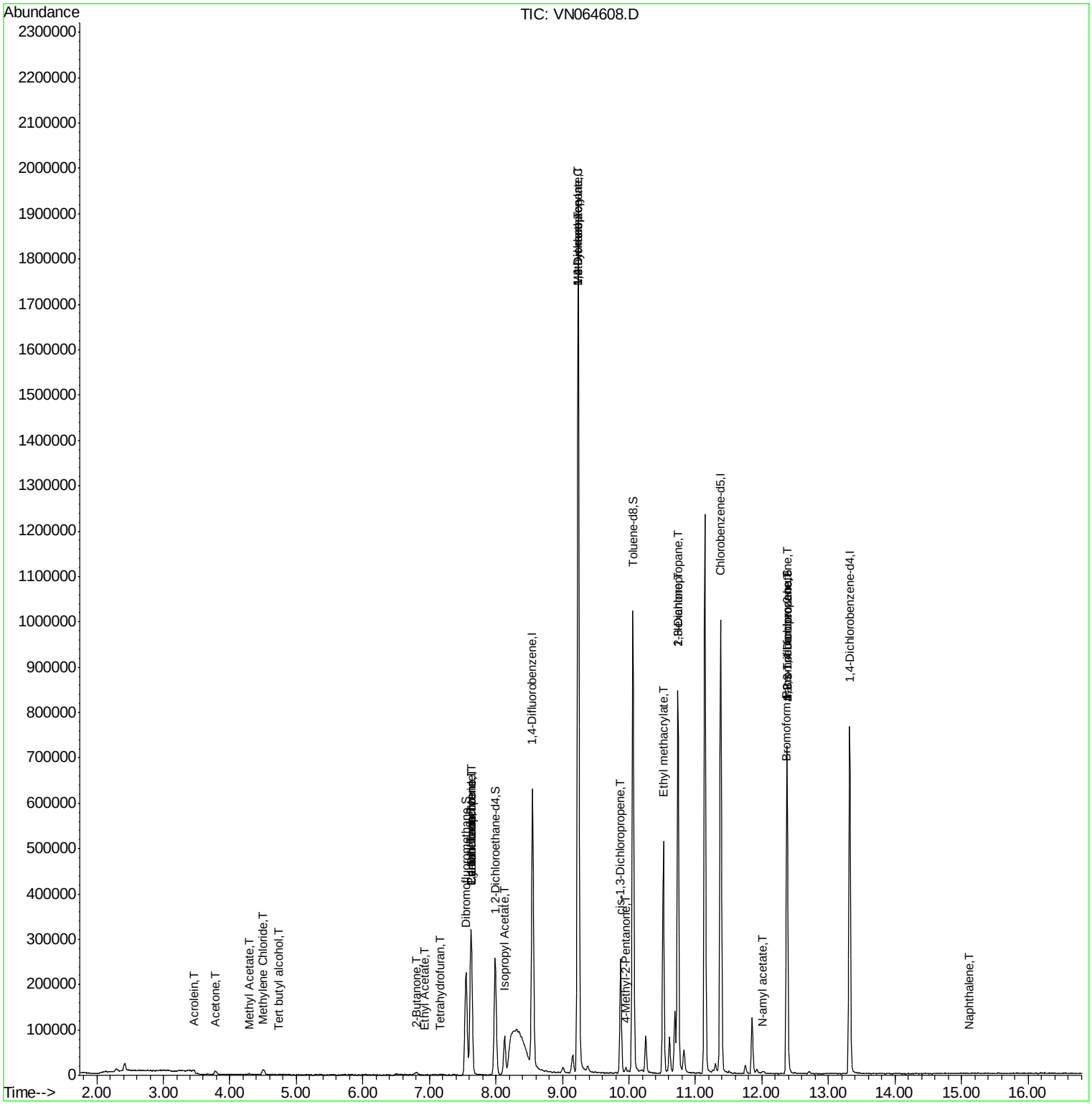
(#) = qualifier out of range (m) = manual integration (+) = signals summed

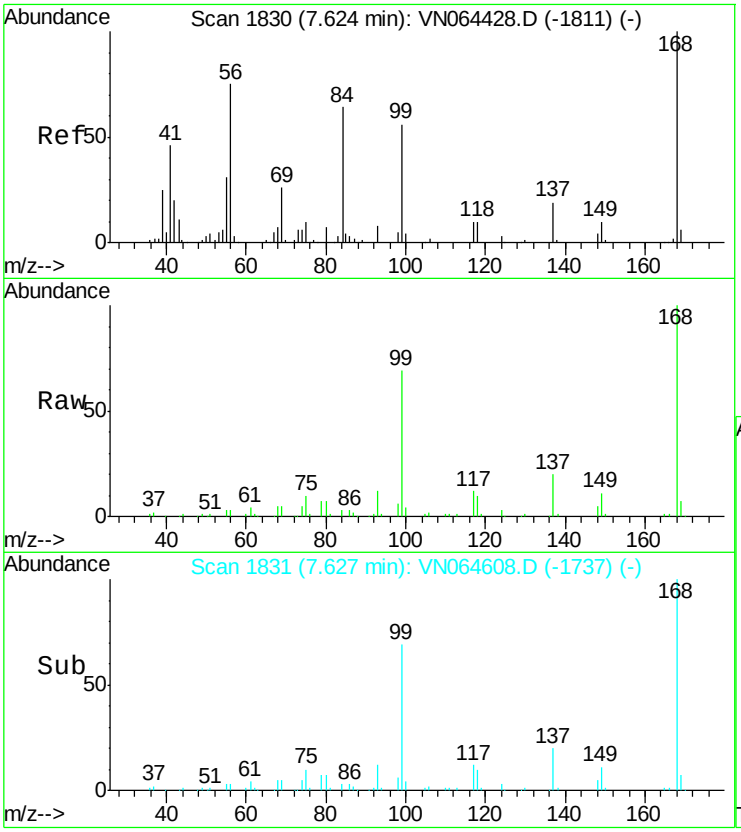
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN111220\
Data File : VN064608.D
Acq On : 13 Nov 2020 3:20
Operator : JC/MD
Sample : PB132945ZHE#06
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#06

Quant Time: Nov 13 04:26:53 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



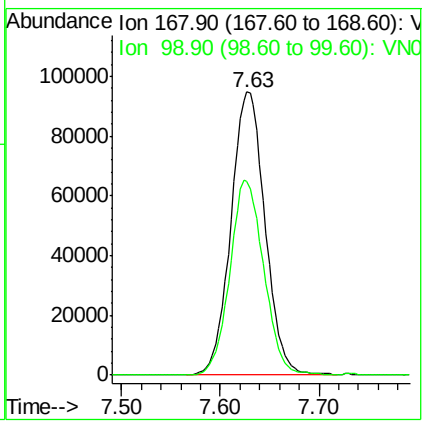


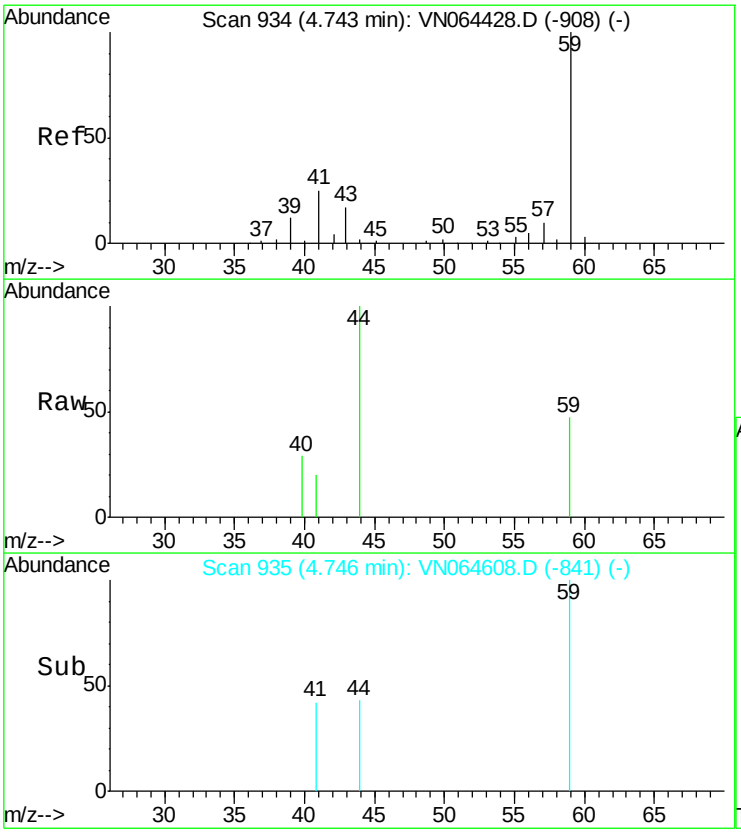
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#06

Tgt Ion:168 Resp: 227376

Ion	Ratio	Lower	Upper
168	100		
99	68.5	53.4	80.2

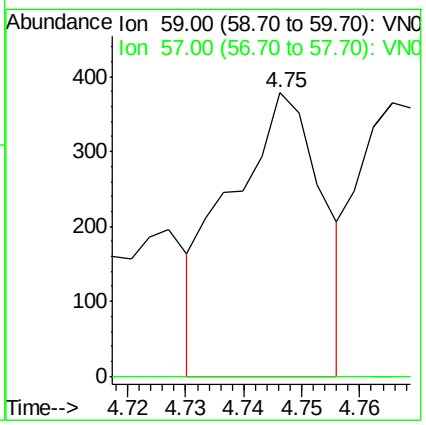


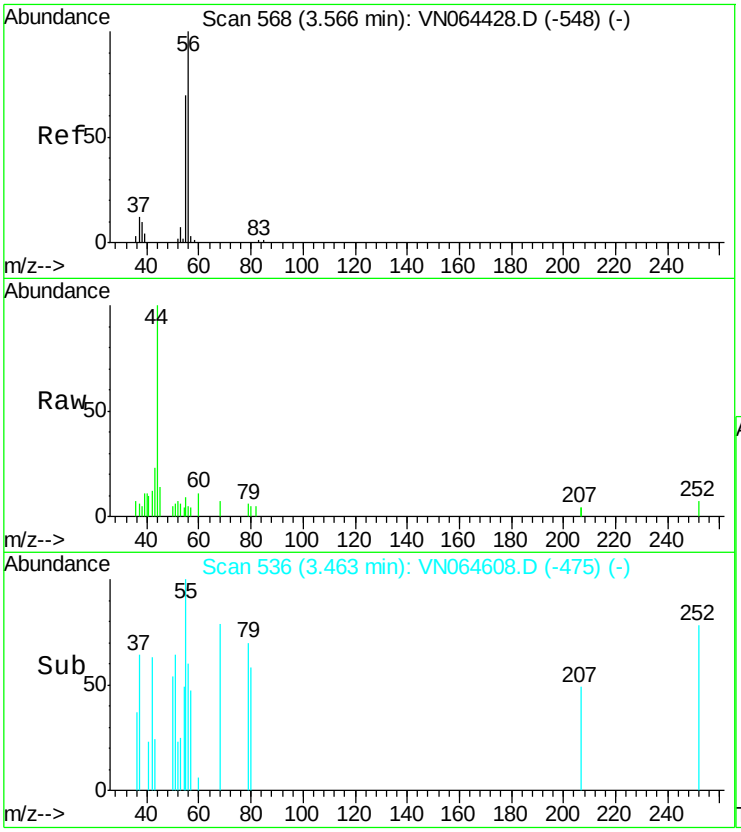


#11
Tert butyl alcohol
Concen: 0.966 ug/l
RT: 4.75 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 59 Resp: 422

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.4#



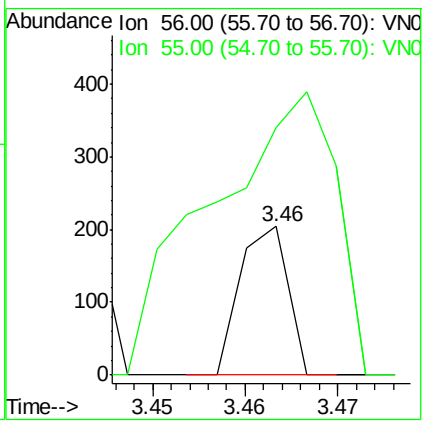


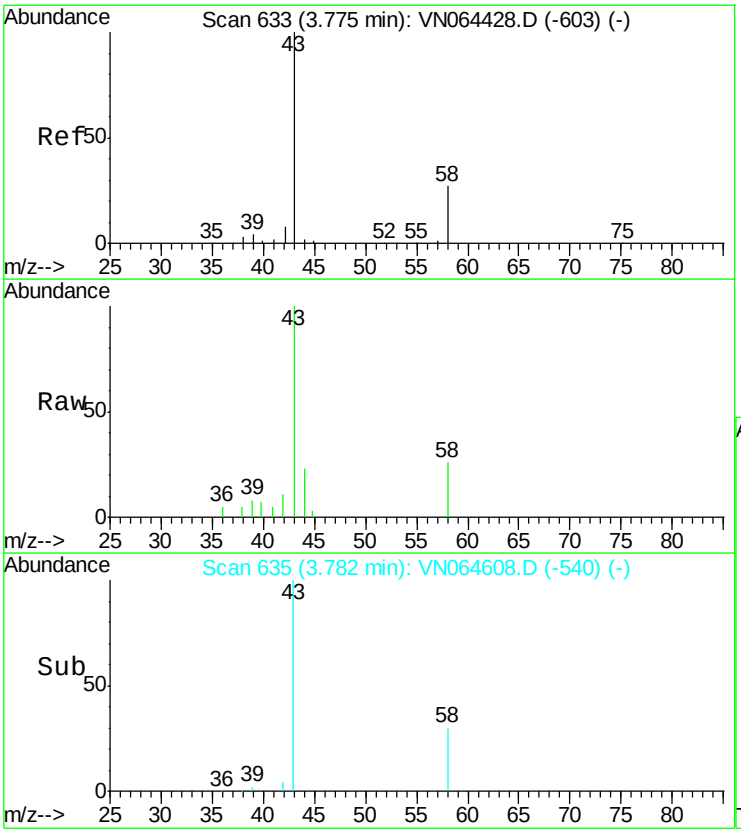
#13
Acrolein
Concen: 0.269 ug/l
RT: 3.46 min Scan# 536
Delta R.T. -0.10 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#06

Tgt Ion: 56 Resp: 73

Ion	Ratio	Lower	Upper
56	100		
55	504.1	55.9	83.9#

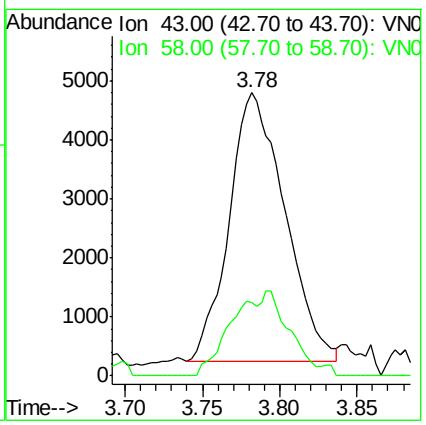


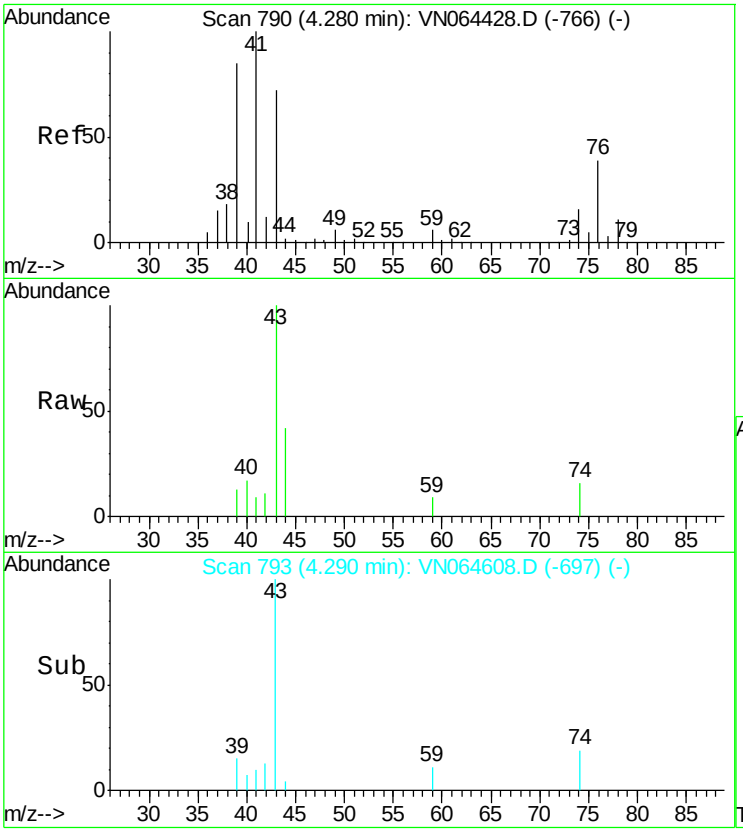


#16
Acetone
Concen: 7.523 ug/l
RT: 3.78 min Scan# 635
Delta R.T. 0.01 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 43 Resp: 11349

Ion	Ratio	Lower	Upper
43	100		
58	27.3	21.4	32.0



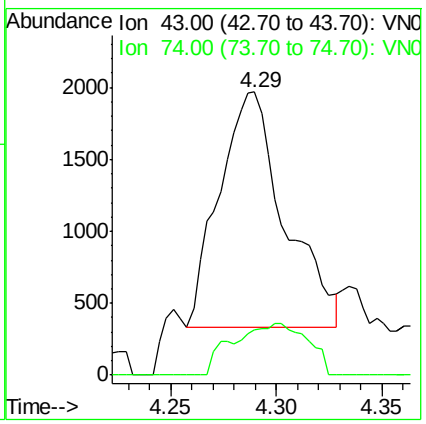


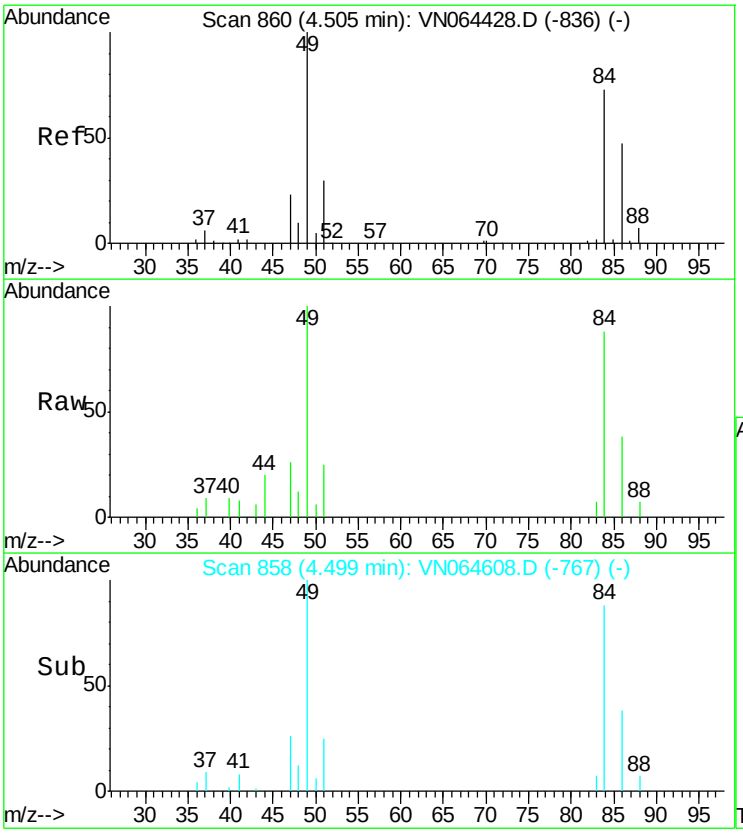
#18
Methyl Acetate
Concen: 1.188 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#06

Tgt Ion: 43 Resp: 3525

Ion	Ratio	Lower	Upper
43	100		
74	25.0	17.0	25.4

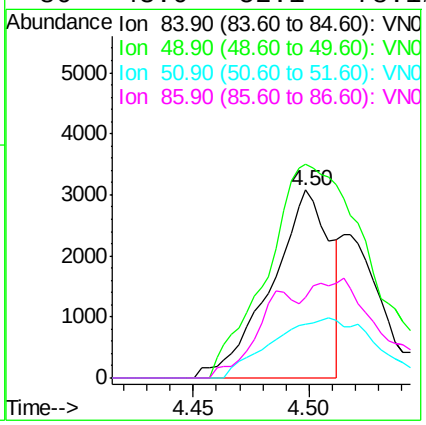


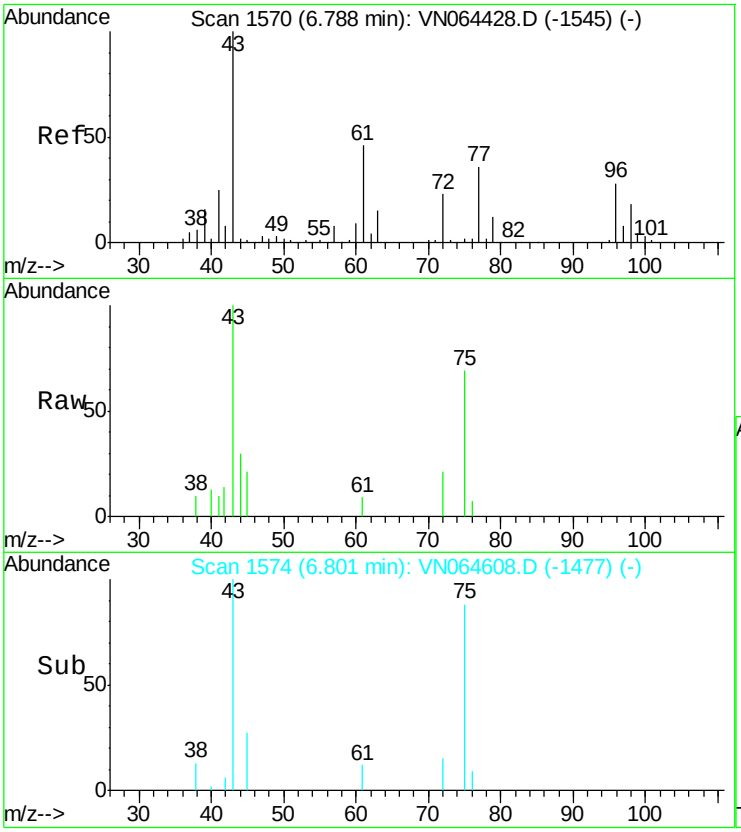


#20
Methylene Chloride
Concen: 1.815 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 84 Resp: 5432

Ion	Ratio	Lower	Upper
84	100		
49	113.8	110.1	165.1
51	29.0	33.6	50.4#
86	43.0	52.1	78.1#



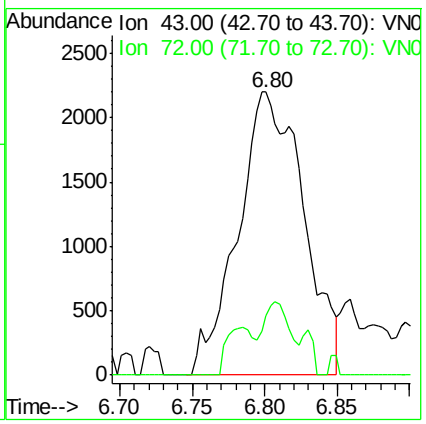


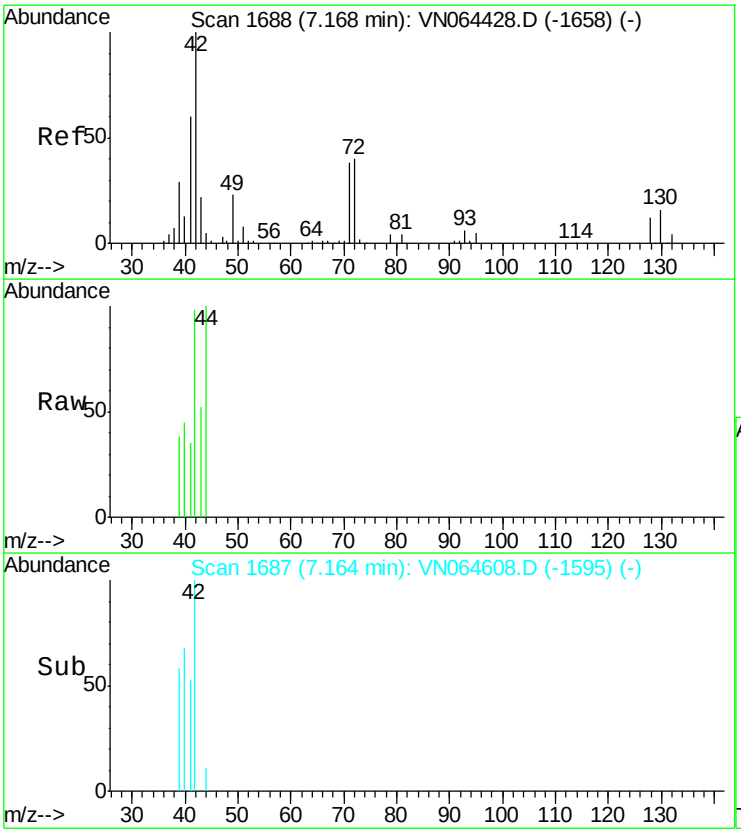
#25
2-Butanone
Concen: 3.604 ug/l
RT: 6.80 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#06

Tgt Ion: 43 Resp: 6927

Ion	Ratio	Lower	Upper
43	100		
72	20.9	18.5	27.7

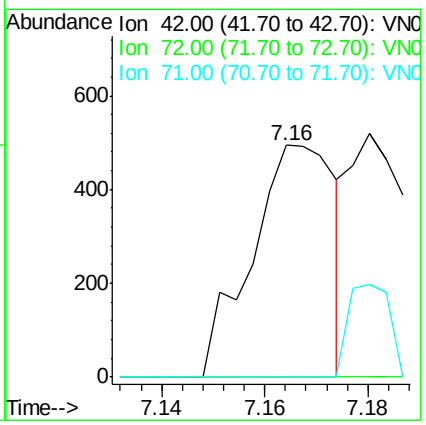


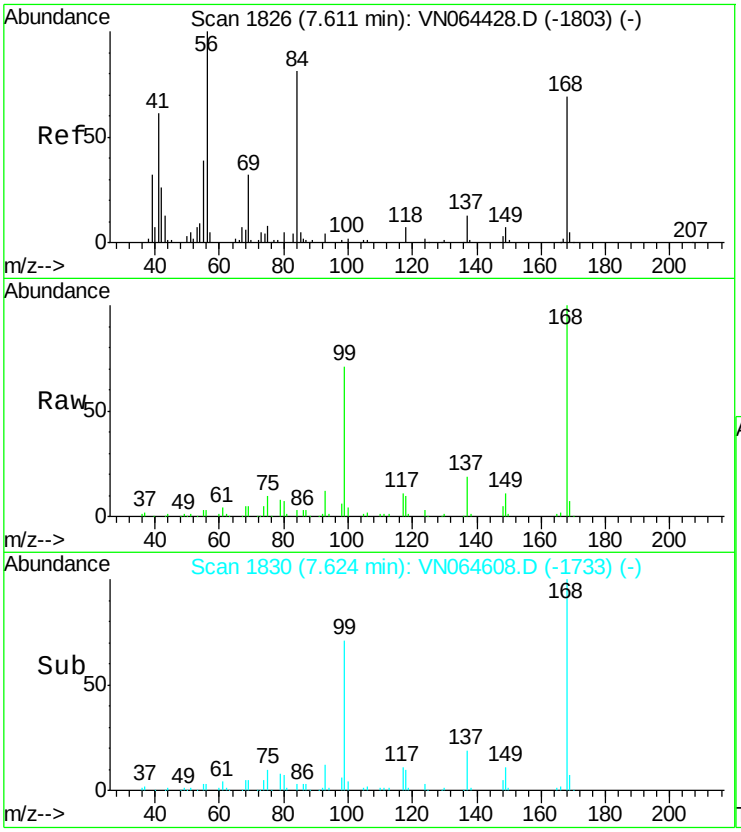


#29
Tetrahydrofuran
Concen: 0.468 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 42 Resp: 552

Ion	Ratio	Lower	Upper
42	100		
72	0.0	31.7	47.5#
71	19.7	29.8	44.6#



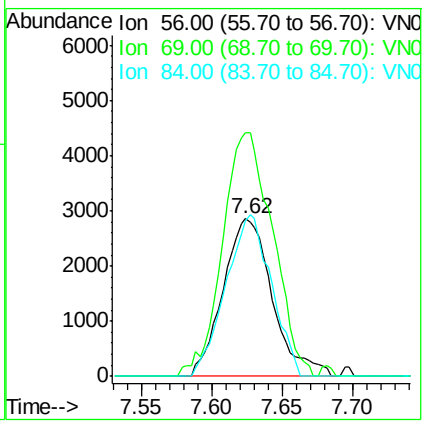


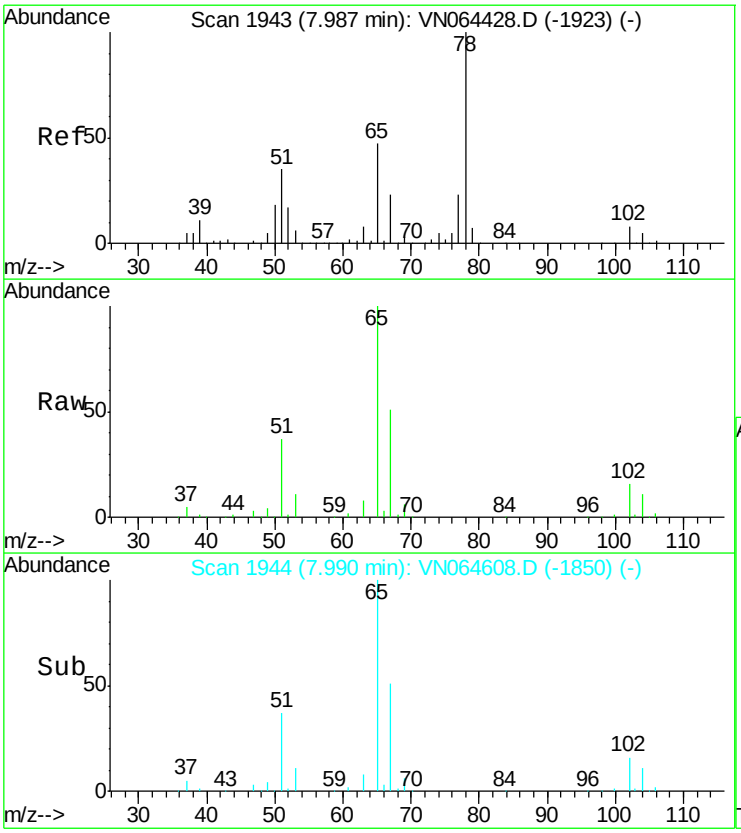
#31
Cyclohexane
Concen: 1.451 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#06

Tgt Ion: 56 Resp: 6986

Ion	Ratio	Lower	Upper
56	100		
69	154.4	25.6	38.4#
84	98.5	63.0	94.6#

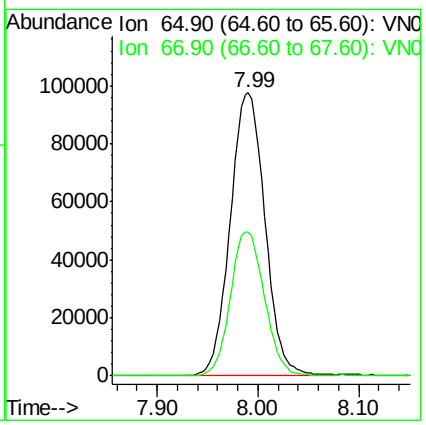


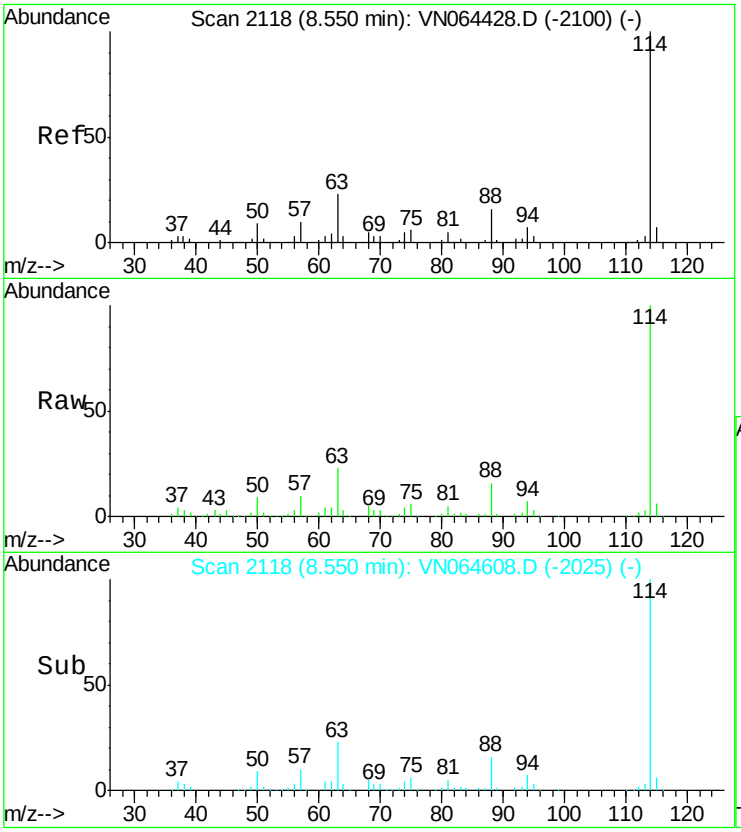


#33
1,2-Dichloroethane-d4
Concen: 58.920 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 65 Resp: 233355

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	101.6



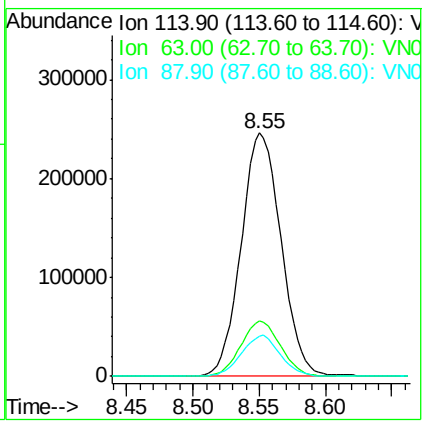


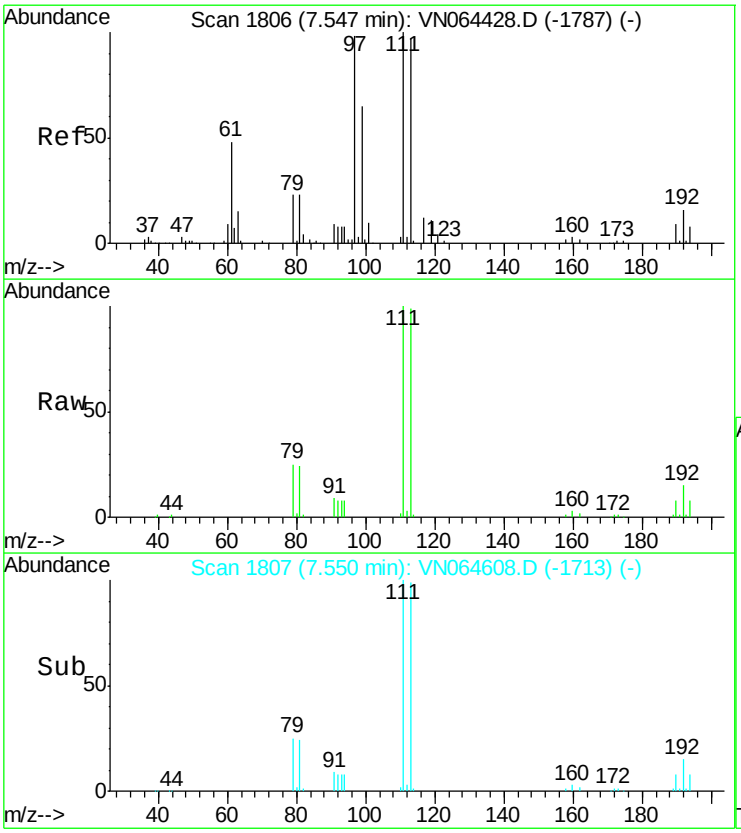
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#06

Tgt Ion:114 Resp: 514832

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.6
88	16.5	0.0	32.8

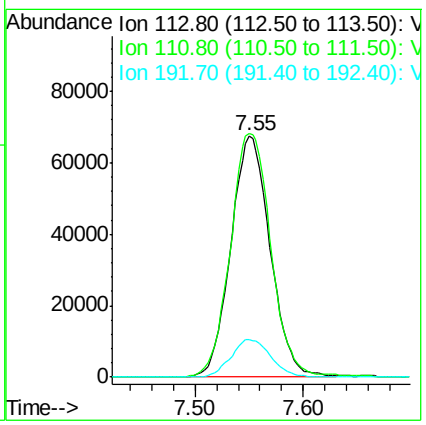


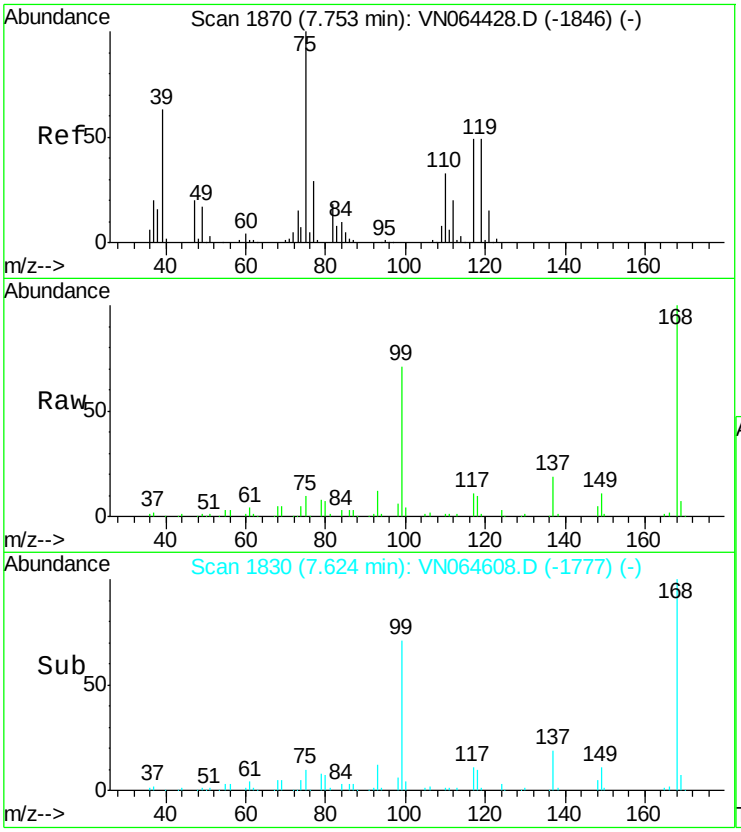


#35
Dibromofluoromethane
Concen: 48.782 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion:113 Resp: 170997

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.1	121.7
192	15.8	12.8	19.2



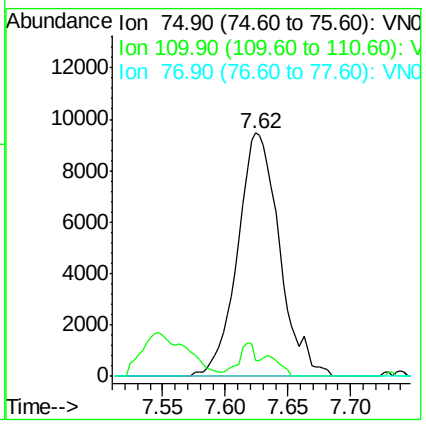


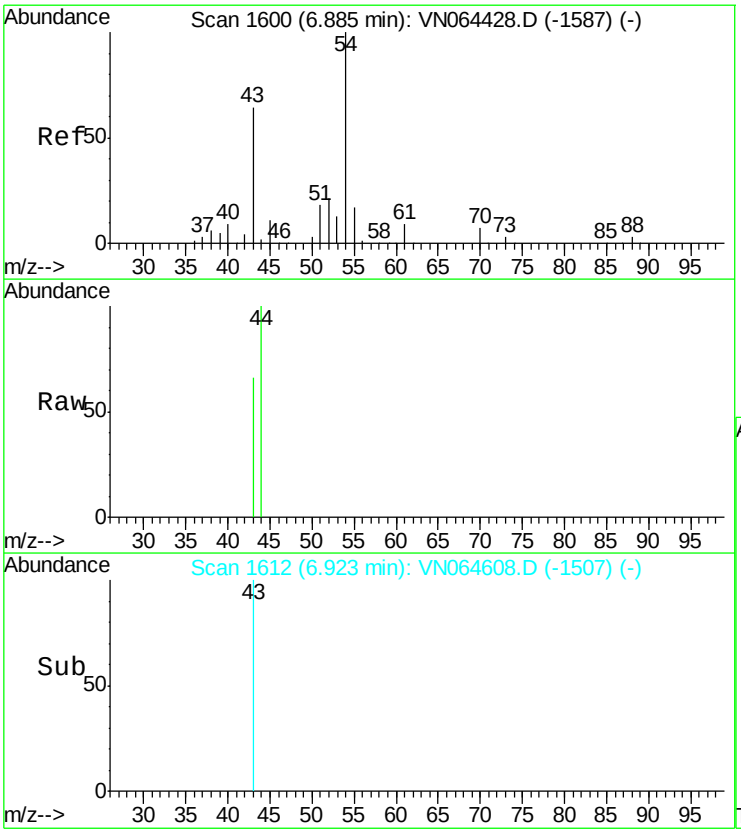
#36
1,1-Dichloropropene
Concen: 4.039 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#06

Tgt Ion: 75 Resp: 21965

Ion	Ratio	Lower	Upper
75	100		
110	5.8	16.0	48.0#
77	0.0	24.0	36.0#

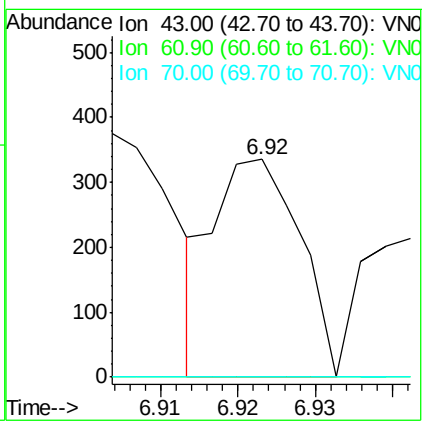


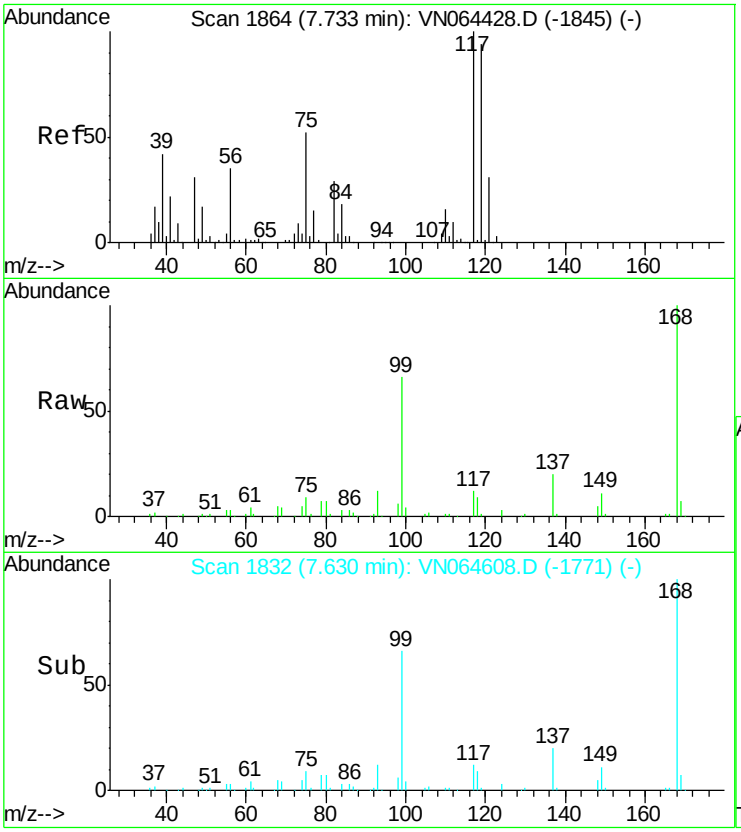


#37
Ethyl Acetate
Concen: 0.808 ug/l
RT: 6.92 min Scan# 1612
Delta R.T. 0.04 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 43 Resp: 258

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



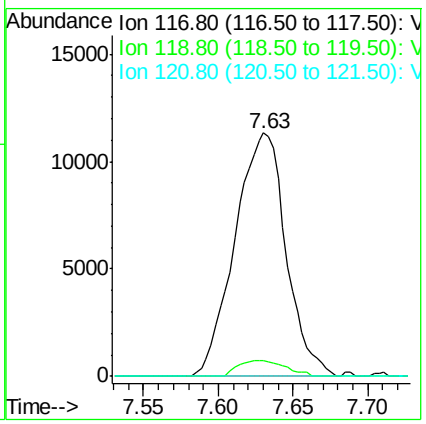


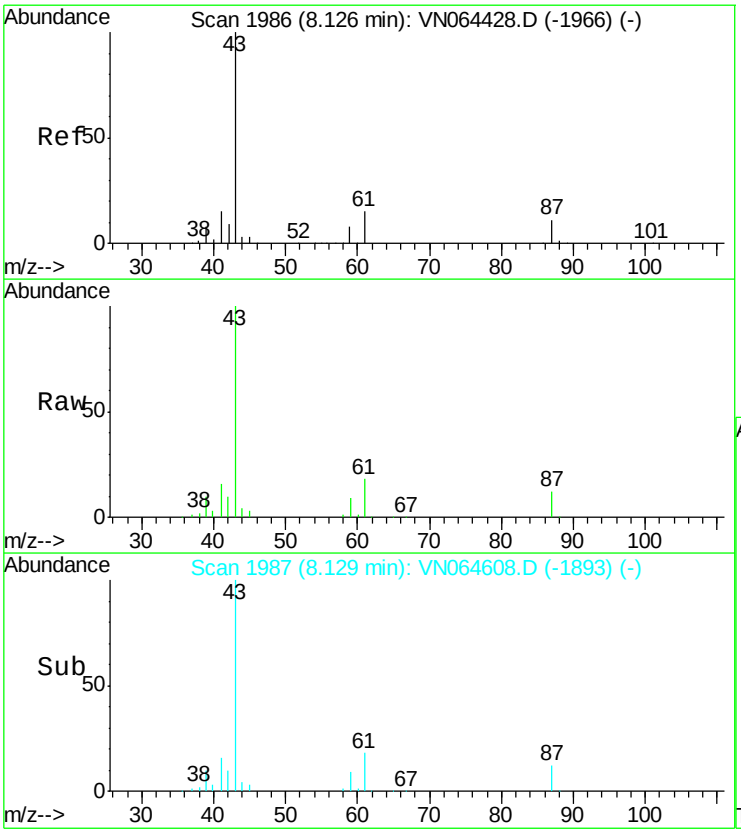
#38
Carbon Tetrachloride
Concen: 4.635 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.10 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#06

Tgt Ion:117 Resp: 26945

Ion	Ratio	Lower	Upper
117	100		
119	6.7	75.5	113.3#
121	0.0	24.4	36.6#

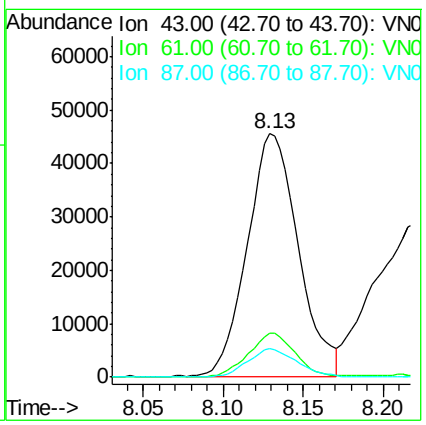


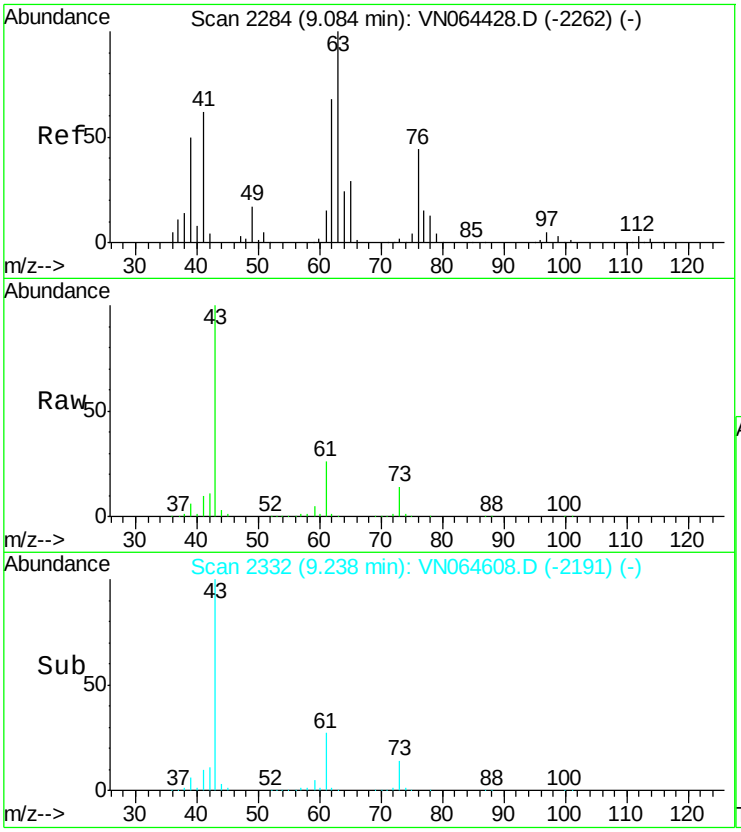


#43
Isopropyl Acetate
Concen: 11.296 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 43 Resp: 99566

Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.0	21.0
87	11.3	9.1	13.7



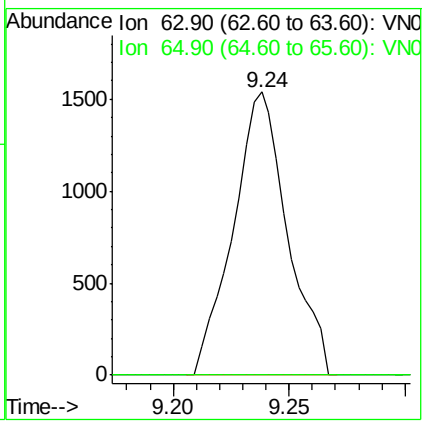


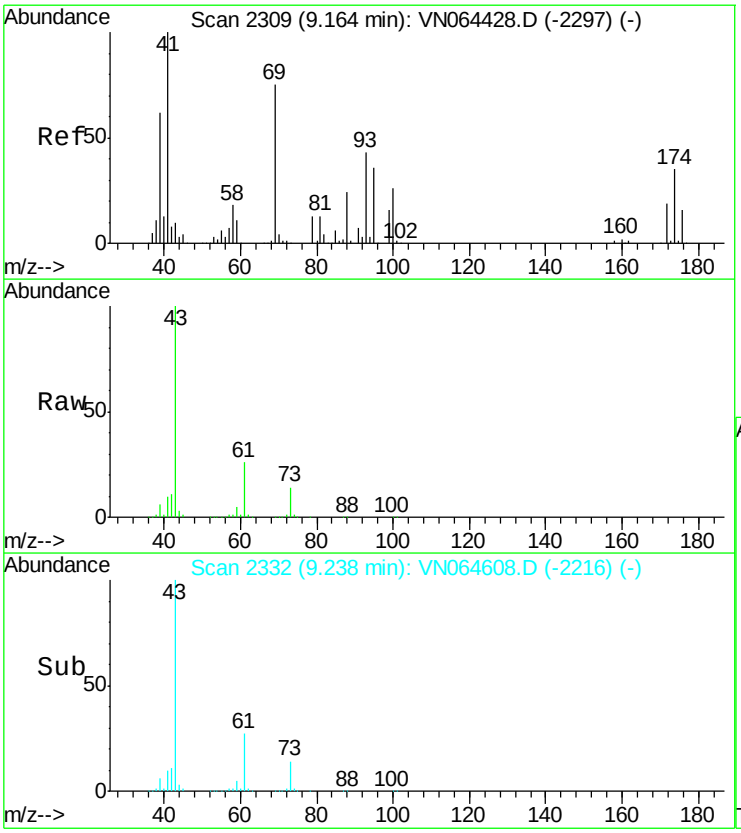
#45
1,2-Dichloropropane
Concen: 0.588 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#06

Tgt Ion: 63 Resp: 2509

Ion	Ratio	Lower	Upper
63	100		
65	0.0	23.6	35.4#

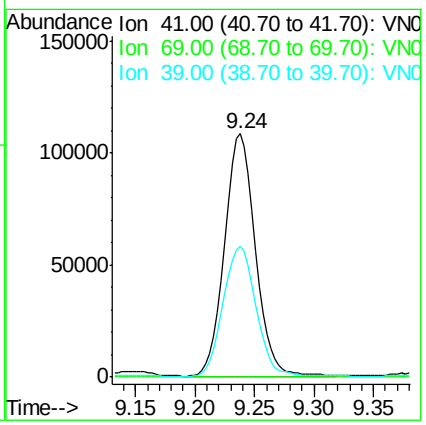


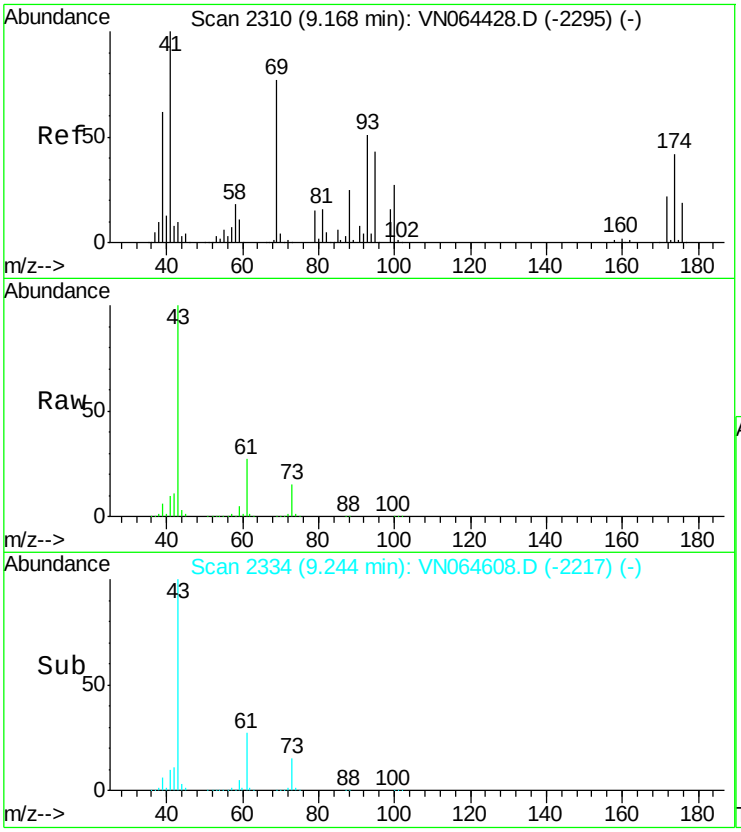


#48
Methyl methacrylate
Concen: 43.761 ug/l
RT: 9.24 min Scan# 2332
Delta R.T. 0.07 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 41 Resp: 194631

Ion	Ratio	Lower	Upper
41	100		
69	0.1	60.4	90.6#
39	57.4	51.2	76.8



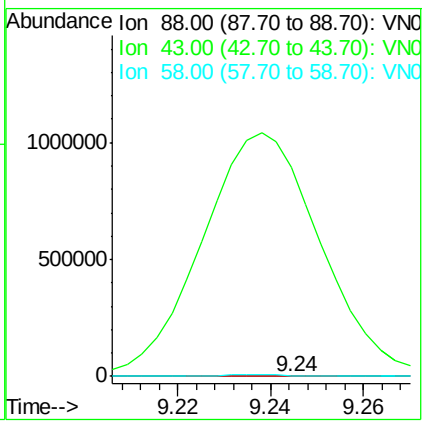


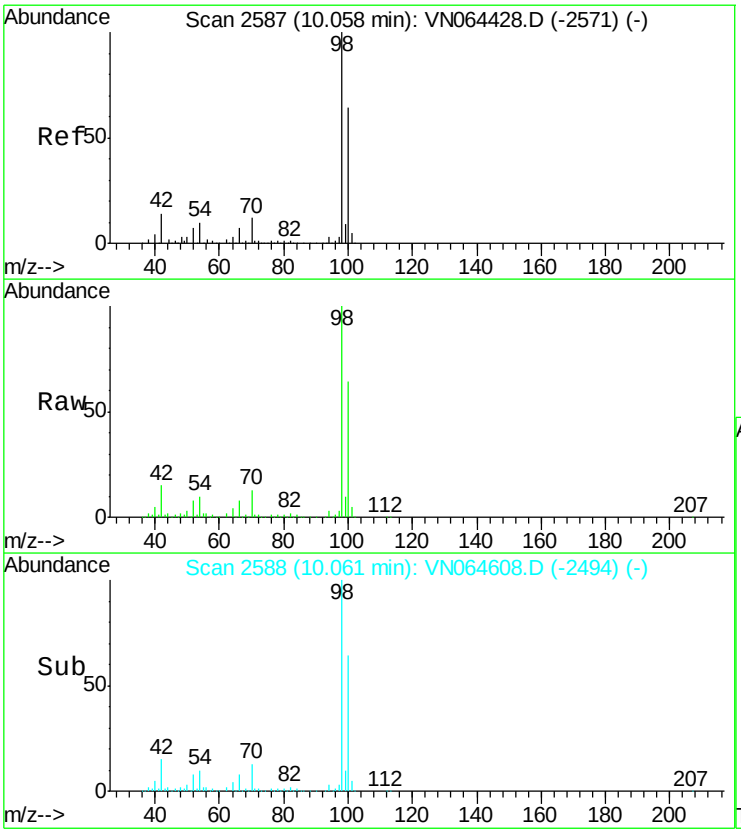
#49
1,4-Dioxane
Concen: 5.275 ug/l
RT: 9.24 min Scan# 2334
Delta R.T. 0.08 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#06

Tgt Ion: 88 Resp: 309

Ion	Ratio	Lower	Upper
88	100		
43	610381.2	31.0	46.6#
58	3455.3	58.4	87.6#

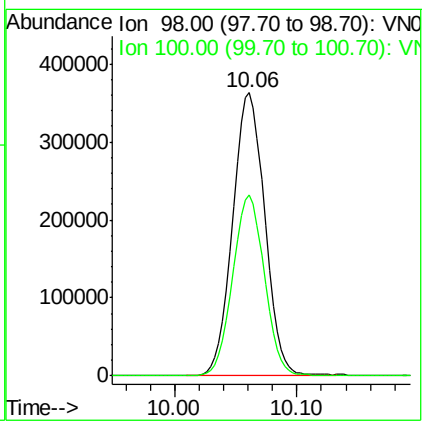


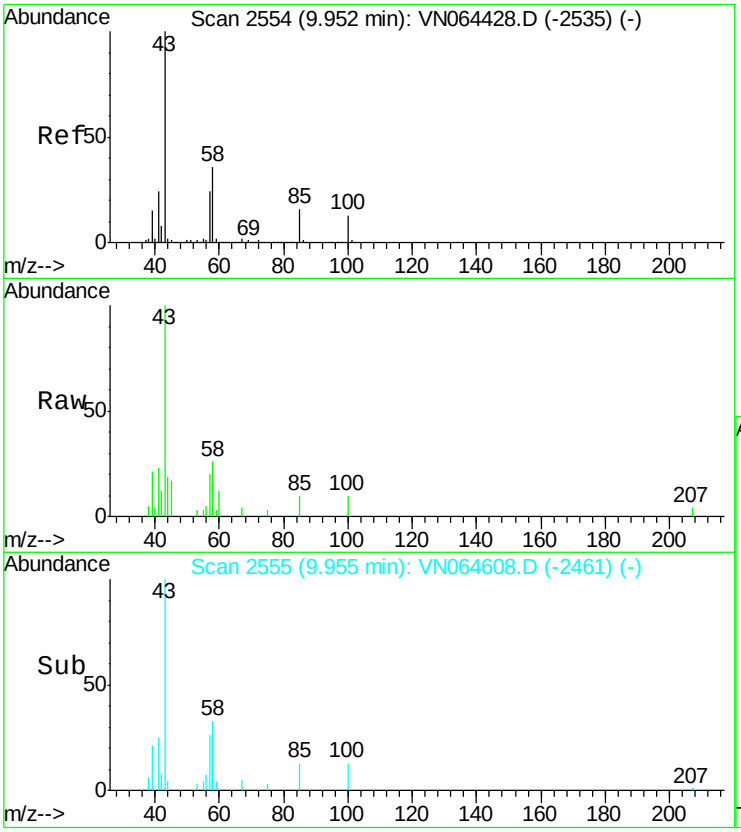


#50
Toluene-d8
Concen: 48.846 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 98 Resp: 661766

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.7	76.1



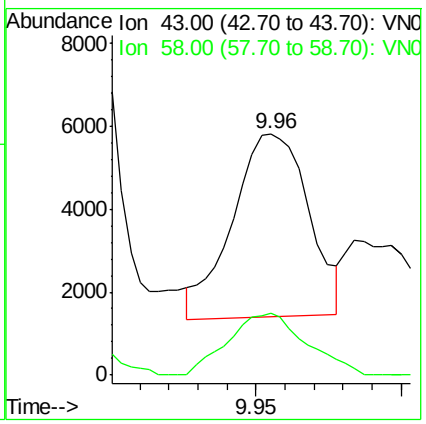


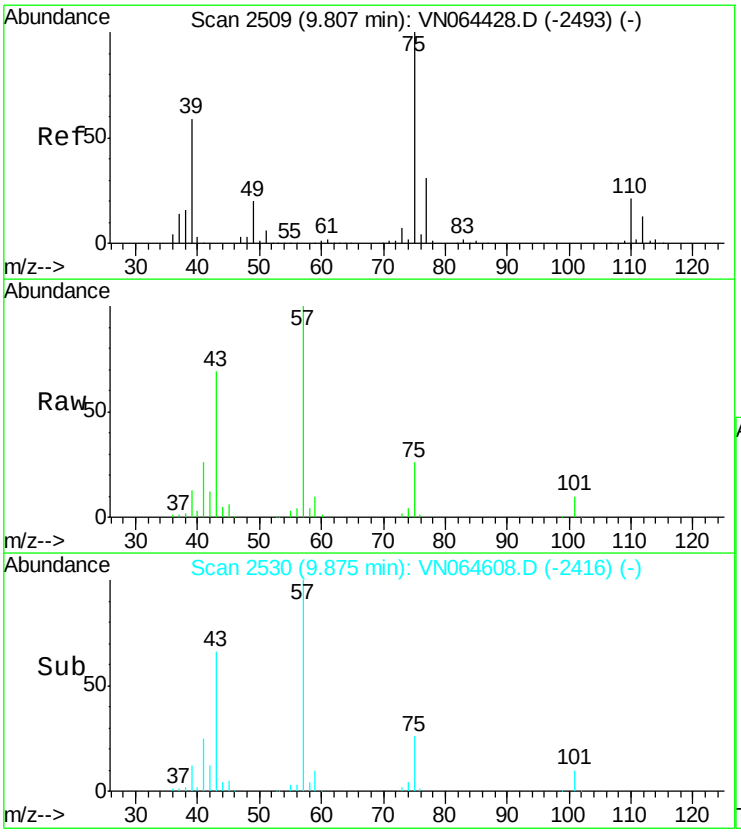
#51
4-Methyl-2-Pentanone
Concen: 1.561 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#06

Tgt Ion: 43 Resp: 8026

Ion	Ratio	Lower	Upper
43	100		
58	34.9	28.4	42.6

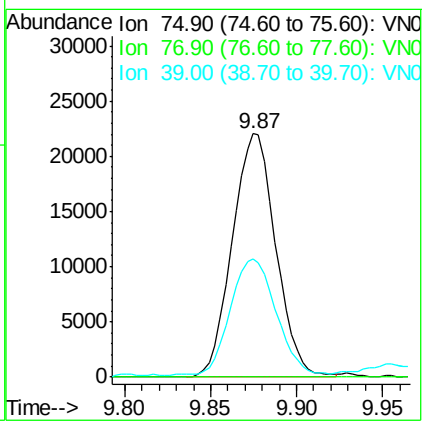


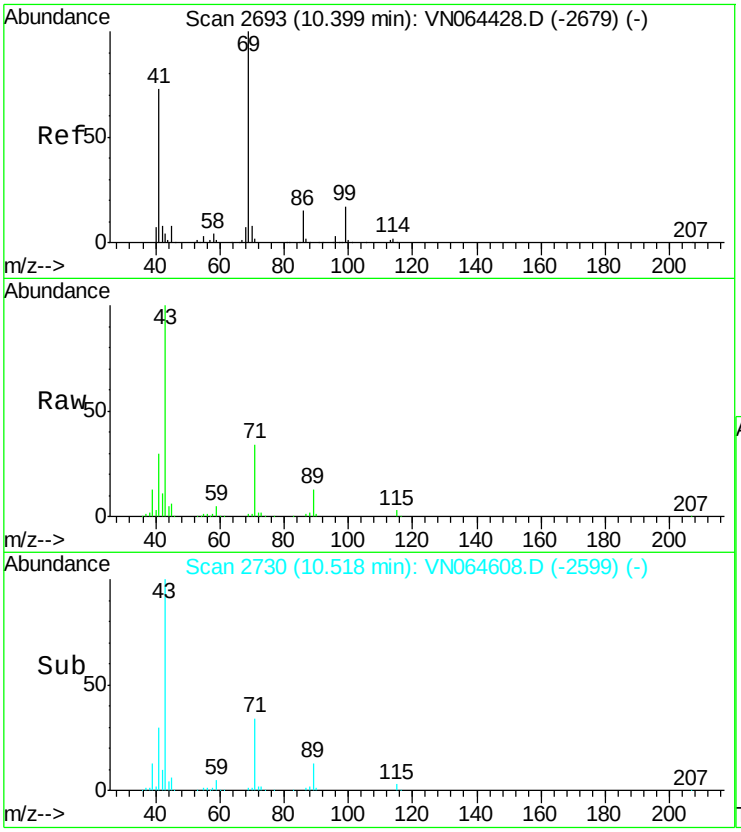


#54
cis-1,3-Dichloropropene
Concen: 5.657 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 75 Resp: 38707

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.9	37.3#
39	47.5	47.1	70.7



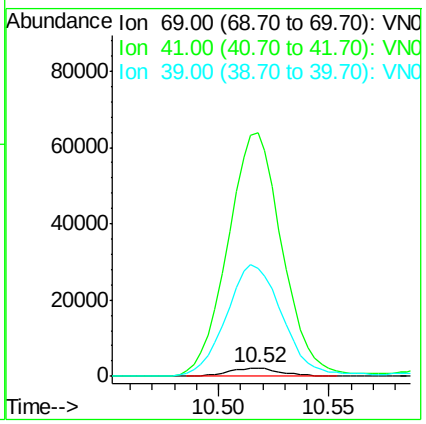


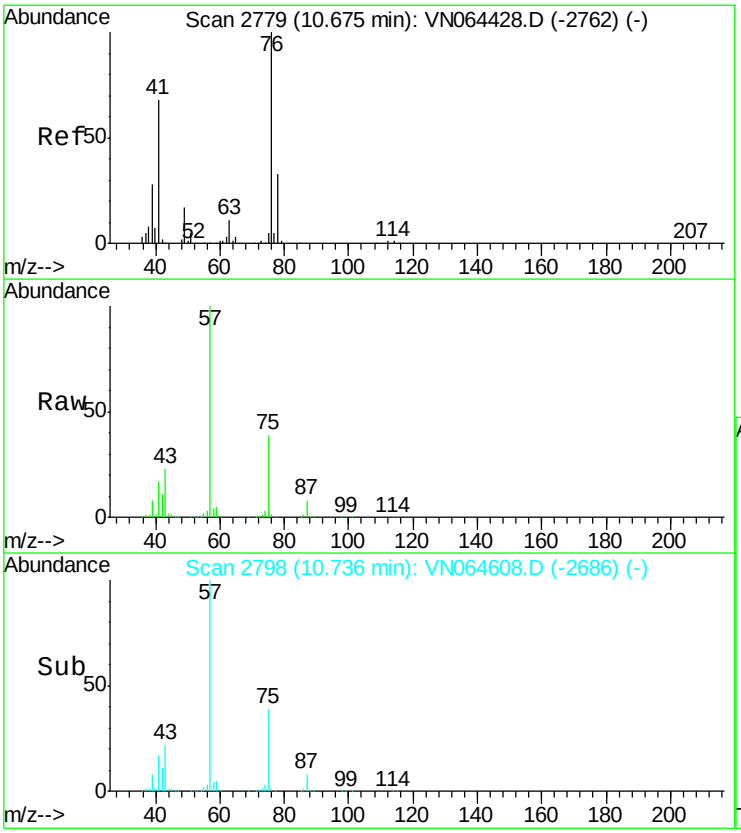
#56
Ethyl methacrylate
Concen: 2.402 ug/l
RT: 10.52 min Scan# 2730
Delta R.T. 0.12 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#06

Tgt Ion: 69 Resp: 3641

Ion	Ratio	Lower	Upper
69	100		
41	3011.5	59.3	88.9#
39	1432.8	35.4	53.0#

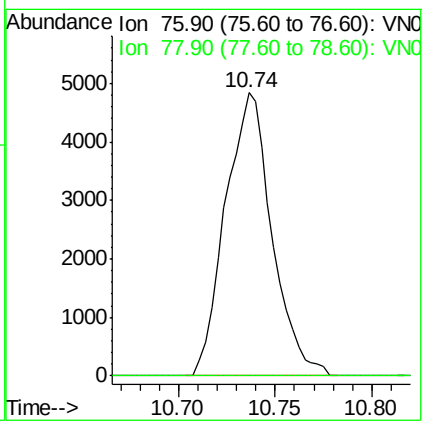


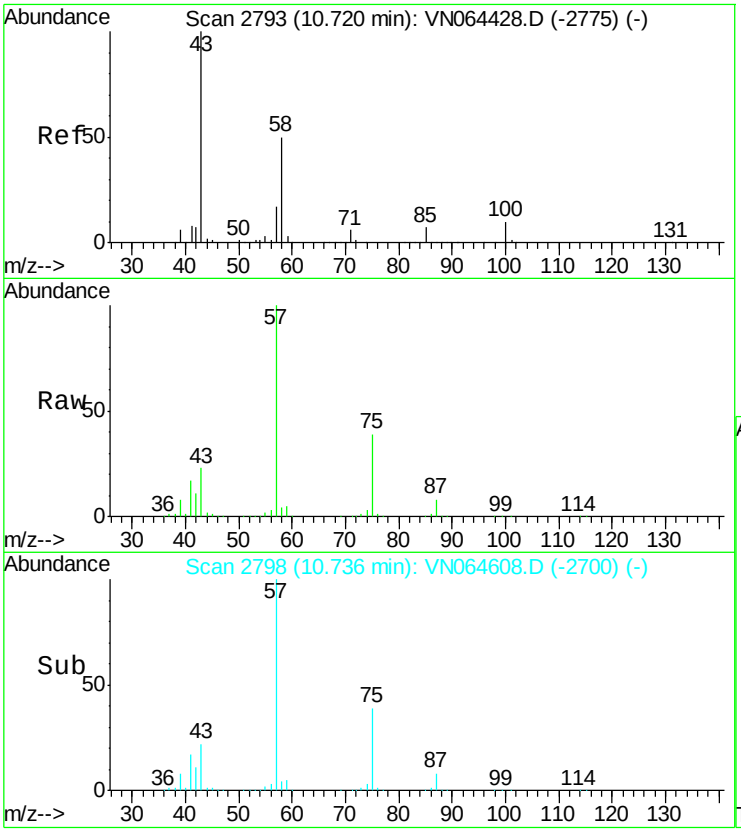


#57
1,3-Dichloropropane
Concen: 1.218 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 76 Resp: 8081

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.6#



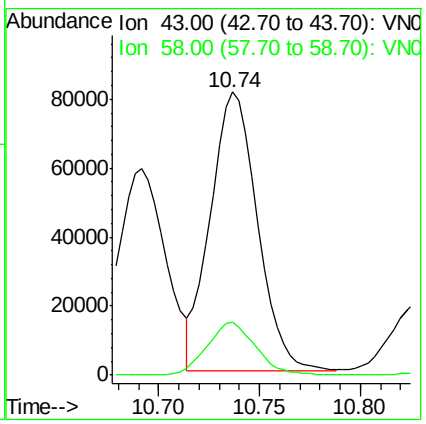


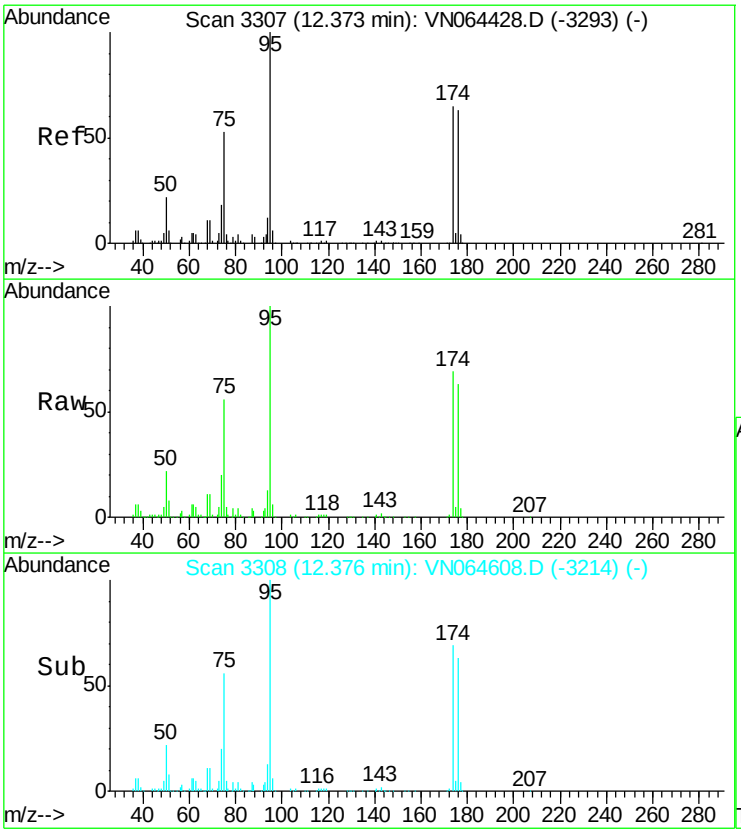
#59
2-Hexanone
Concen: 34.763 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#06

Tgt Ion: 43 Resp: 130934

Ion	Ratio	Lower	Upper
43	100		
58	19.8	24.7	74.1#

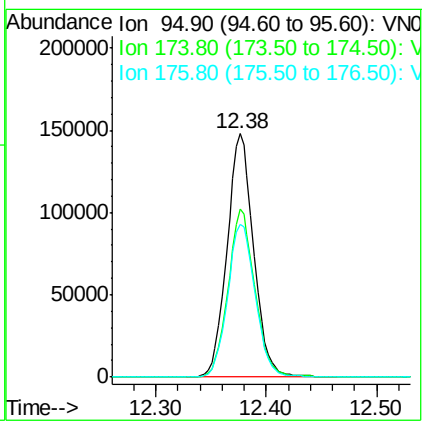


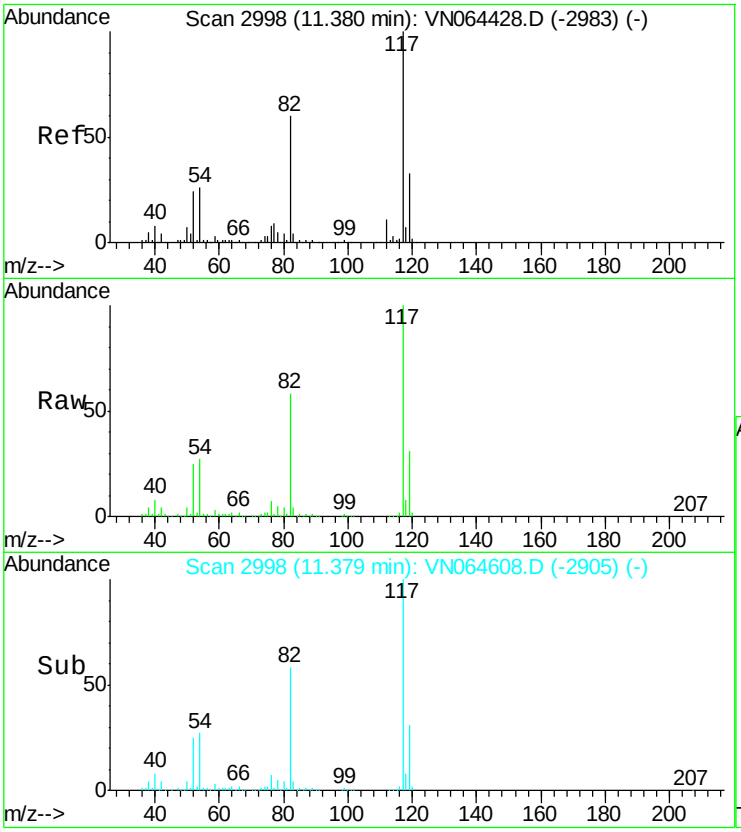


#62
4-Bromofluorobenzene
Concen: 48.196 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 95 Resp: 246940

Ion	Ratio	Lower	Upper
95	100		
174	69.7	0.0	132.6
176	65.3	0.0	129.2



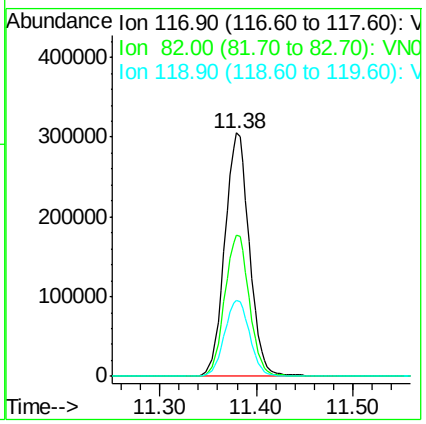


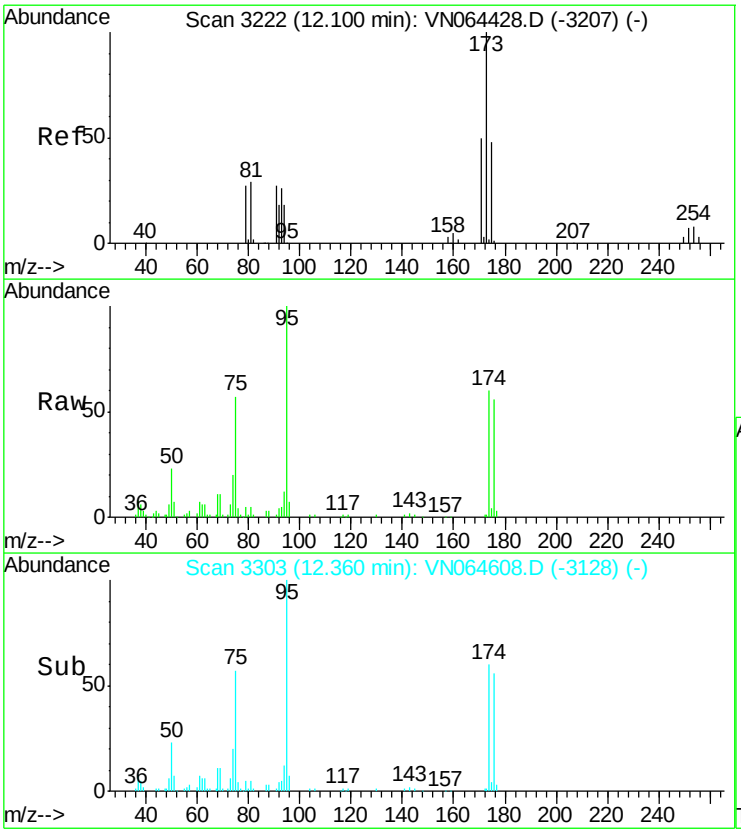
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#06

Tgt Ion:117 Resp: 537298

Ion	Ratio	Lower	Upper
117	100		
82	57.9	48.1	72.1
119	31.4	26.2	39.4

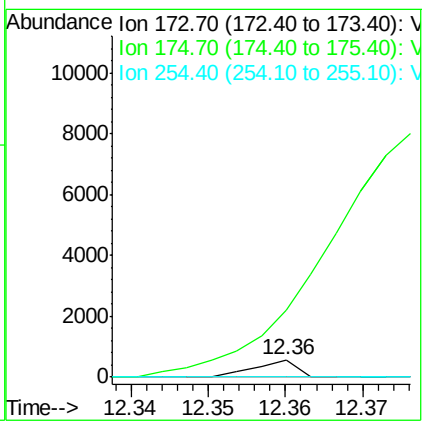


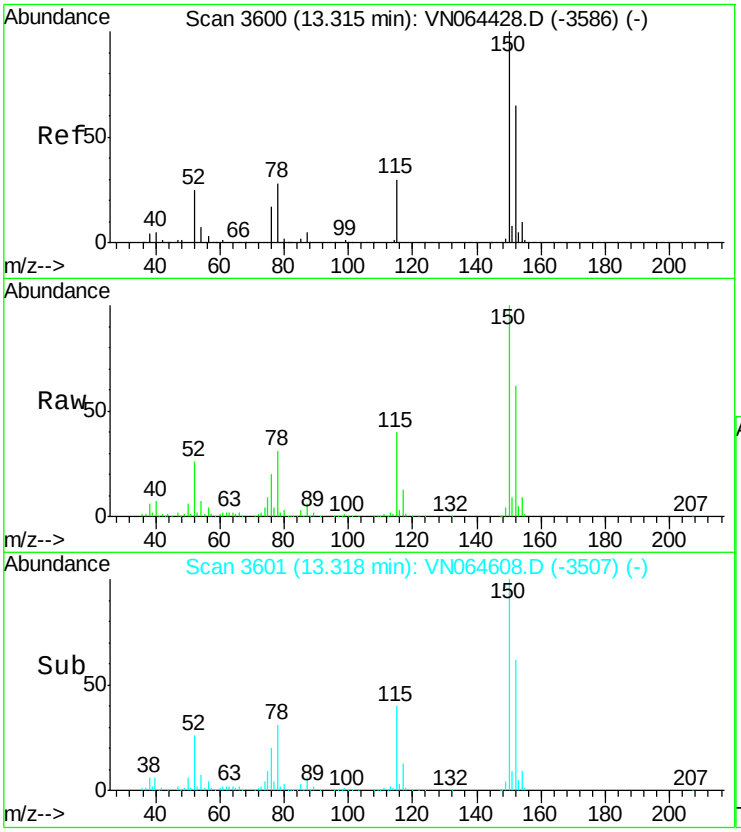


#71
Bromoform
Concen: 1.340 ug/l
RT: 12.36 min Scan# 3303
Delta R.T. 0.26 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion:173 Resp: 219

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



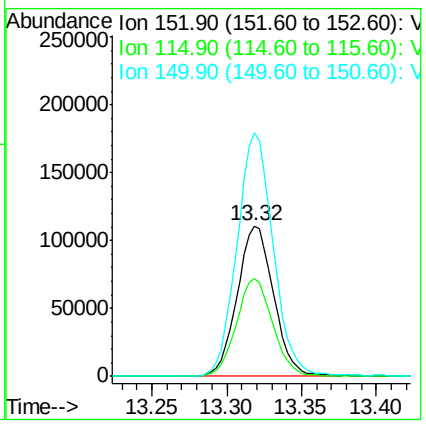


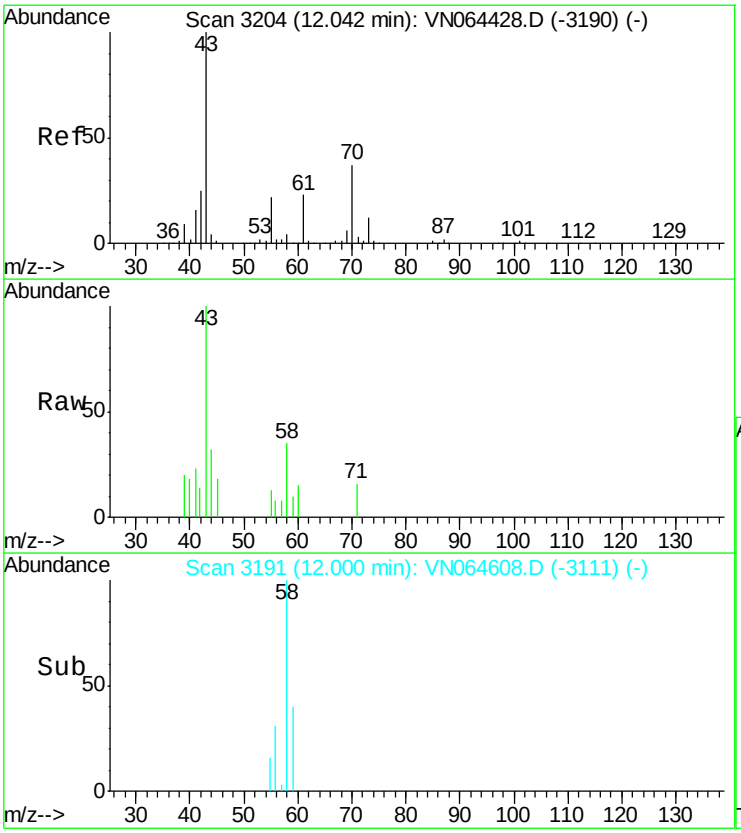
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument : MSVOA_N
ClientSampleId : PB132945ZHE#06

Tgt Ion:152 Resp: 187604

Ion	Ratio	Lower	Upper
152	100		
115	65.1	32.0	96.0
150	161.3	0.0	353.8

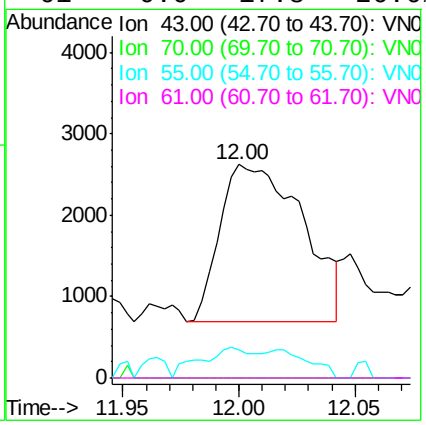


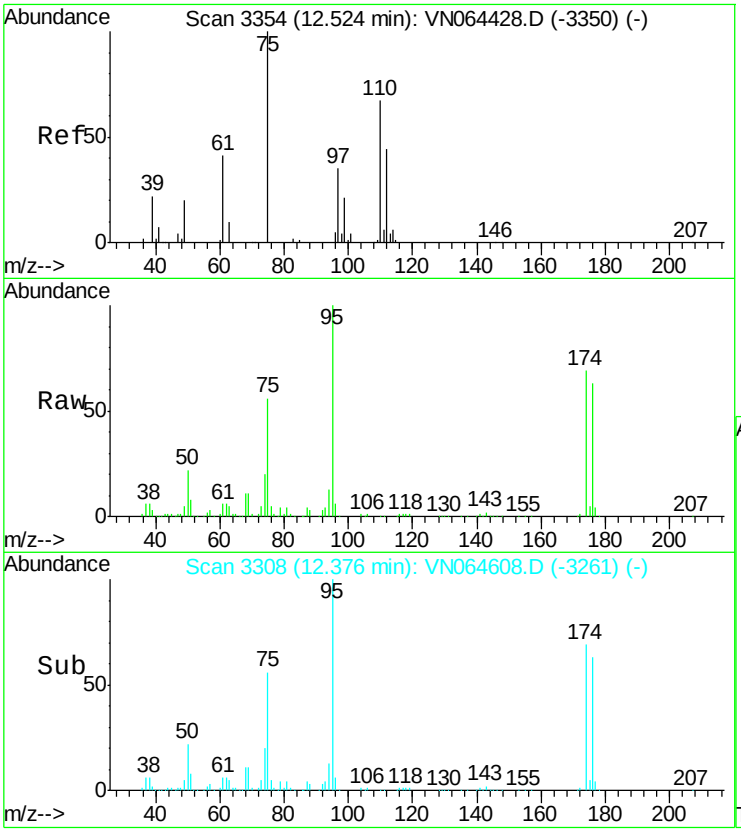


#74
N-amyl acetate
Concen: 1.856 ug/l
RT: 12.00 min Scan# 3191
Delta R.T. -0.04 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 43 Resp: 4757

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.6	44.4#
55	12.0	18.4	27.6#
61	0.0	17.8	26.6#



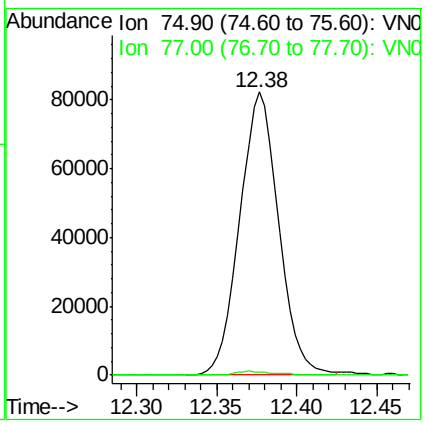


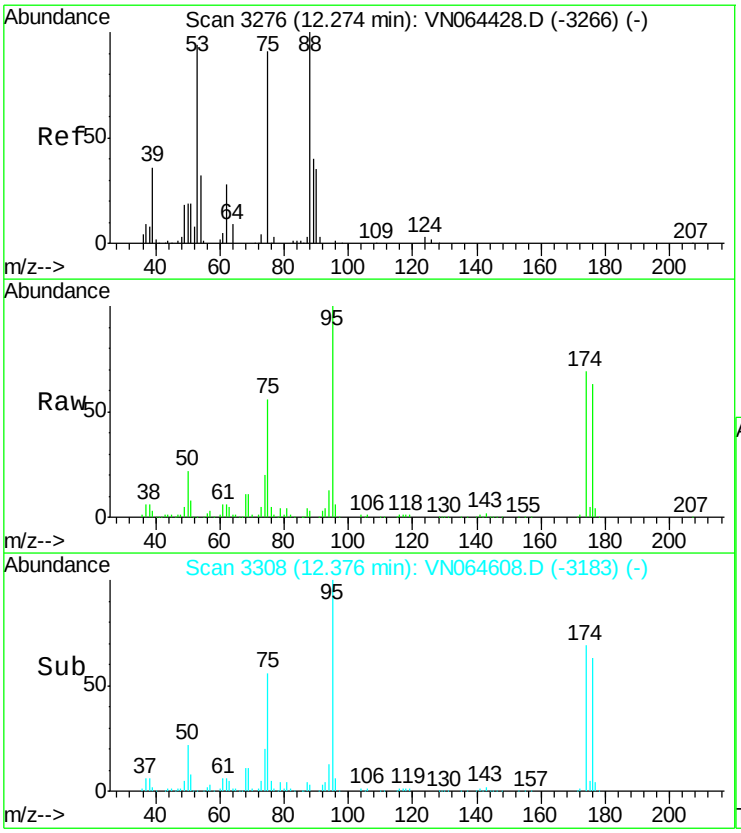
#76
1,2,3-Trichloropropane
Concen: 30.129 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#06

Tgt Ion: 75 Resp: 136953

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

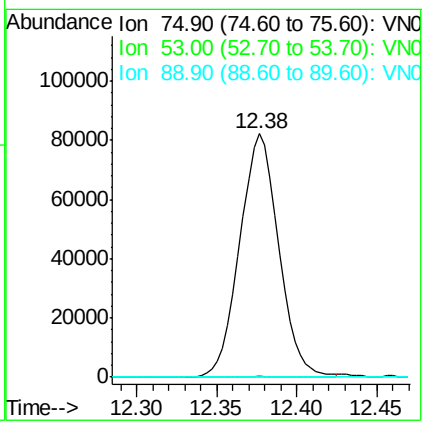


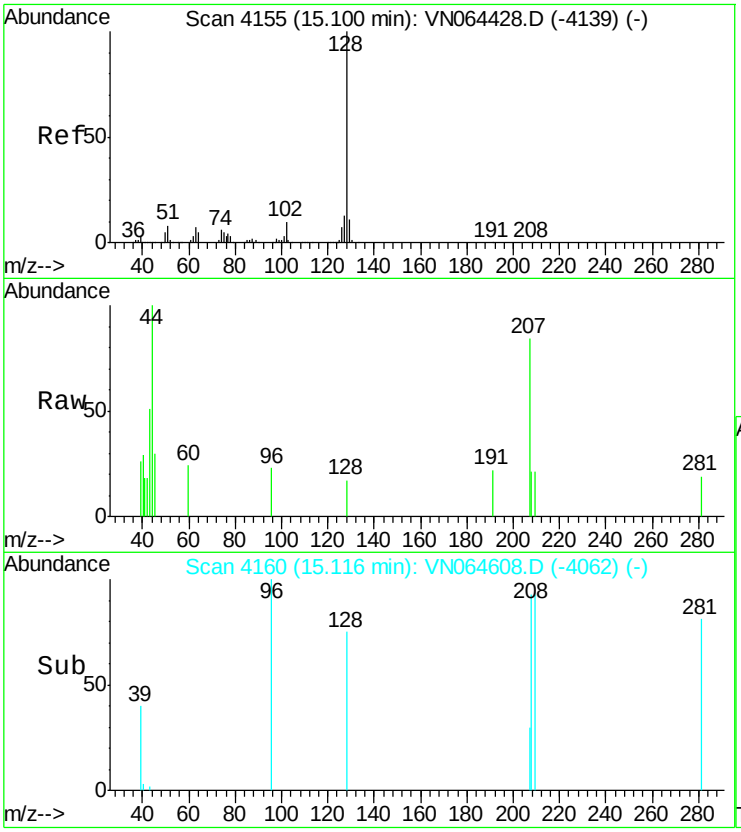


#81
trans-1,4-Dichloro-2-butene
Concen: 84.125 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Tgt Ion: 75 Resp: 136953

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





#95
Naphthalene
Concen: 3.628 ug/l
RT: 15.12 min Scan# 4160
Delta R.T. 0.02 min
Lab File: VN064608.D
Acq: 13 Nov 2020 3:20

Instrument :
MSVOA_N
ClientSampleId :
PB132945ZHE#06

Tgt Ion:128 Resp: 60

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