Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100620\
Data File : VN063901.D
Acq On : 6 Oct 2020 18:20
Operator : JC/MD
Sample : L4221-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : OK-02-100120

Quant Time: Oct 06 18:38:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	233680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	419394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	457602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	199554	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.38%			
35) Dibromofluoromethane	7.55	113	147504	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.38%			
50) Toluene-d8	10.06	98	556797	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.94%			
62) 4-Bromofluorobenzene	12.38	95	217352	52.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.82%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.73	59	116	0.272	ug/l #	71
16) Acetone	3.78	43	14001	11.781	ug/l	92
17) Carbon Disulfide	4.02	76	908	0.841	ug/l #	76
18) Methyl Acetate	4.28	43	2098	0.680	ug/l #	68
20) Methylene Chloride	4.51	84	15420	5.752	ug/l	95
25) 2-Butanone	6.79	43	1283	0.761	ug/l #	70
29) Tetrahydrofuran	7.17	42	571	0.505	ug/l #	36
31) Cyclohexane	7.63	56	6248	1.394	ug/l #	10
36) 1,1-Dichloropropene	7.63	75	20850	4.907	ug/l #	44
38) Carbon Tetrachloride	7.62	117	25891	5.434	ug/l #	14
43) Isopropyl Acetate	8.13	43	72357	10.392	ug/l	98
45) 1,2-Dichloropropane	9.24	63	1109	0.338	ug/l #	44
48) Methyl methacrylate	9.14	41	3836	1.115	ug/l #	12
51) 4-Methyl-2-Pentanone	9.95	43	6140	1.503	ug/l #	74
54) cis-1,3-Dichloropropene	9.87	75	28037	5.367	ug/l #	62
56) Ethyl methacrylate	10.51	69	1855	0.435	ug/l #	1
57) 1,3-Dichloropropane	10.73	76	4094	0.804	ug/l #	43
59) 2-Hexanone	10.74	43	69893	23.026	ug/l #	54
74) N-amyl acetate	12.00	43	907	2.359	ug/l #	53
76) 1,2,3-Trichloropropane	12.38	75	121658	30.781	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	121658	88.654	ug/l #	6
95) Naphthalene	15.11	128	292	1.953	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.30	180	67	1.590	ug/l #	12

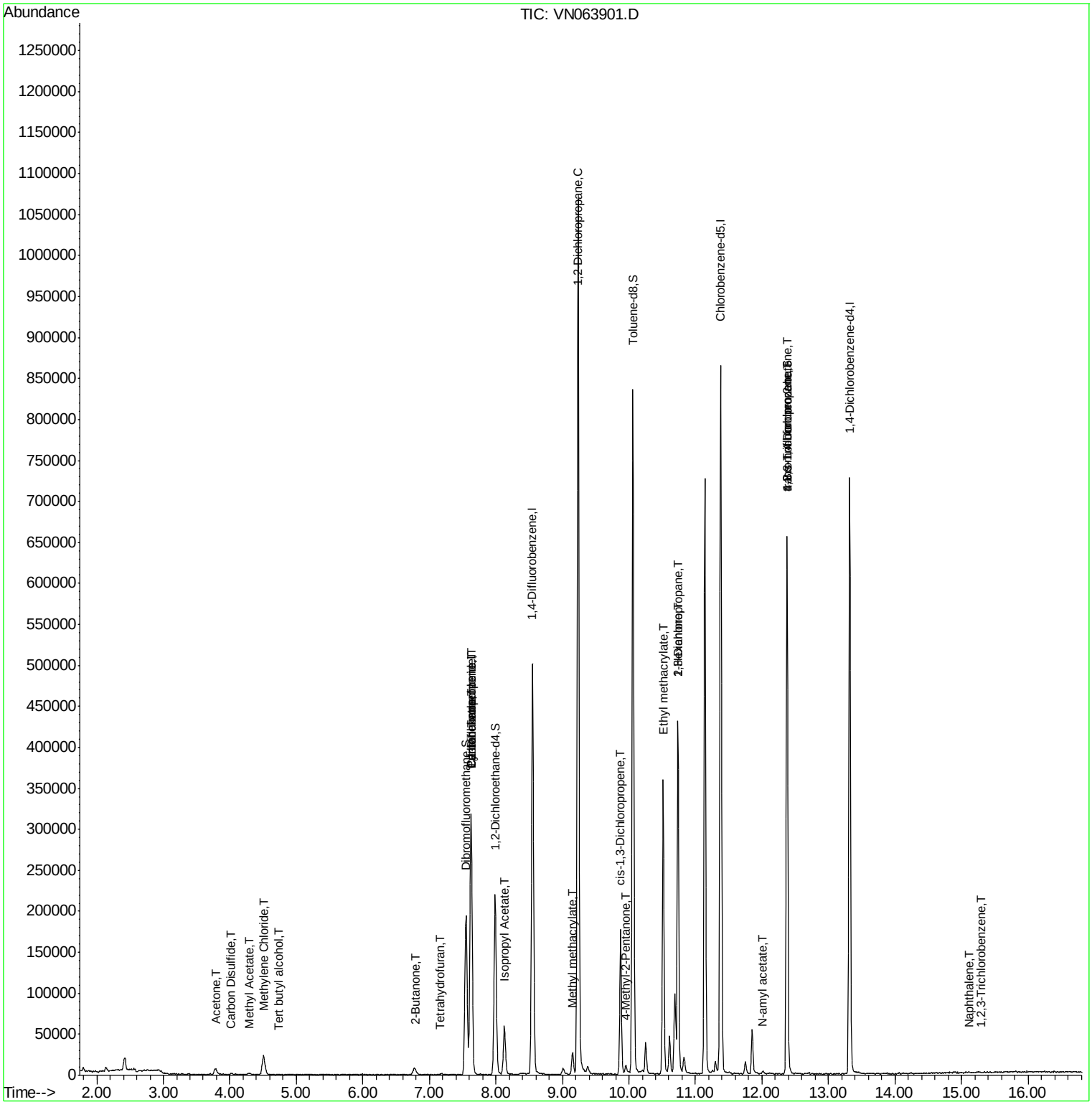
(#) = qualifier out of range (m) = manual integration (+) = signals summed

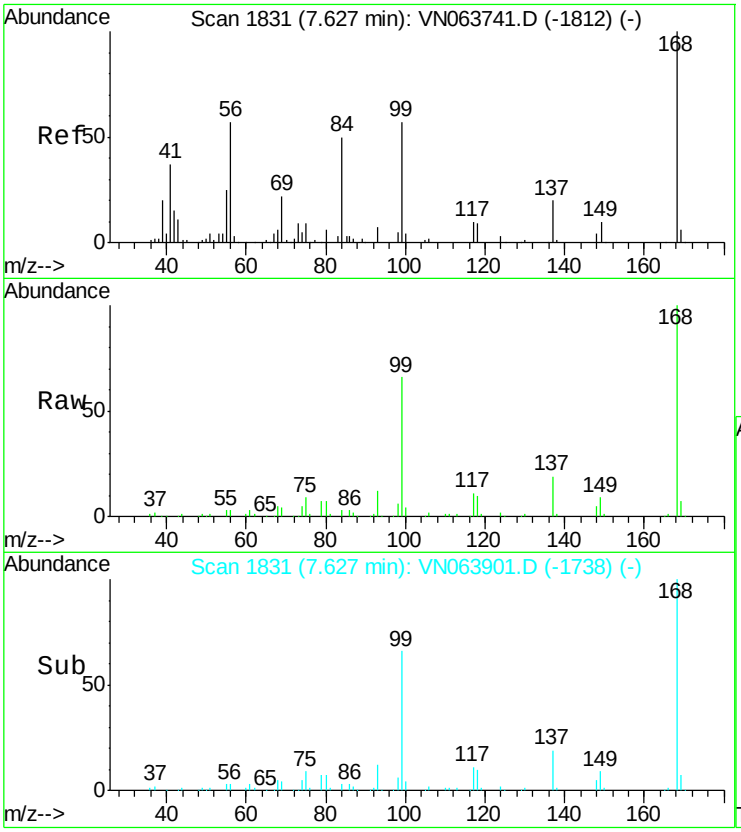
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100620\
Data File : VN063901.D
Acq On : 6 Oct 2020 18:20
Operator : JC/MD
Sample : L4221-05
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OK-02-100120

Quant Time: Oct 06 18:38:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration



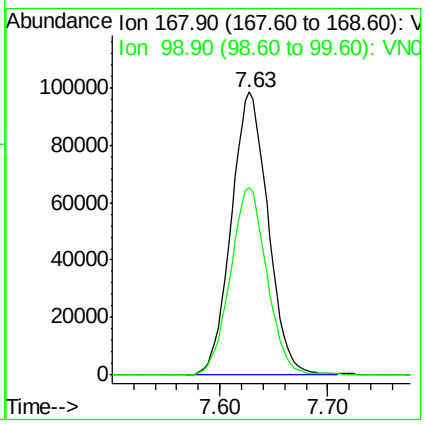


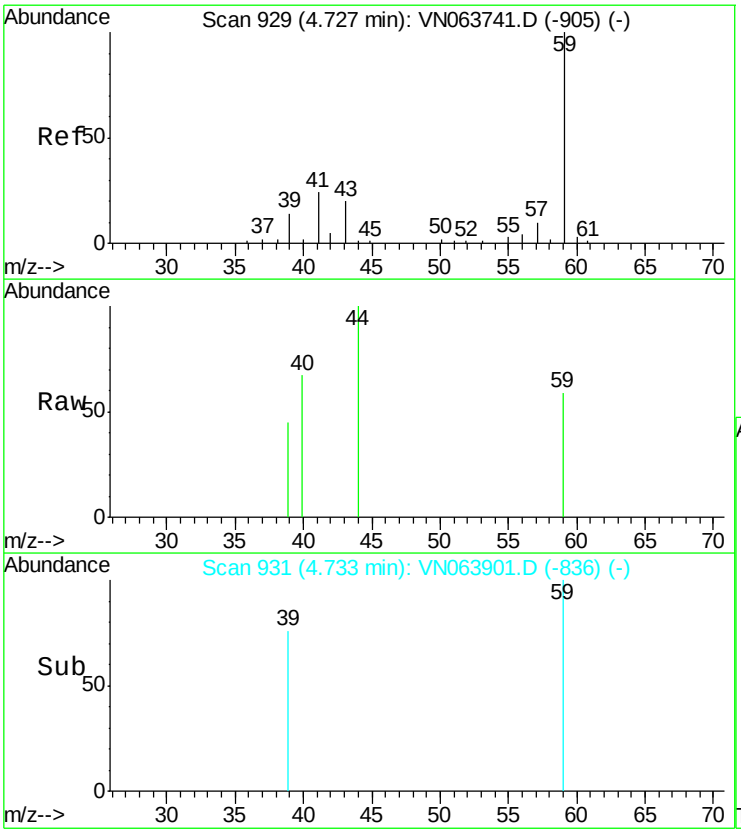
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-100120

Tgt Ion:168 Resp: 233680

Ion	Ratio	Lower	Upper
168	100		
99	66.2	51.8	77.6

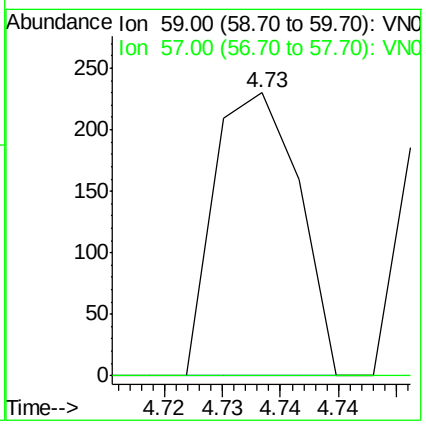


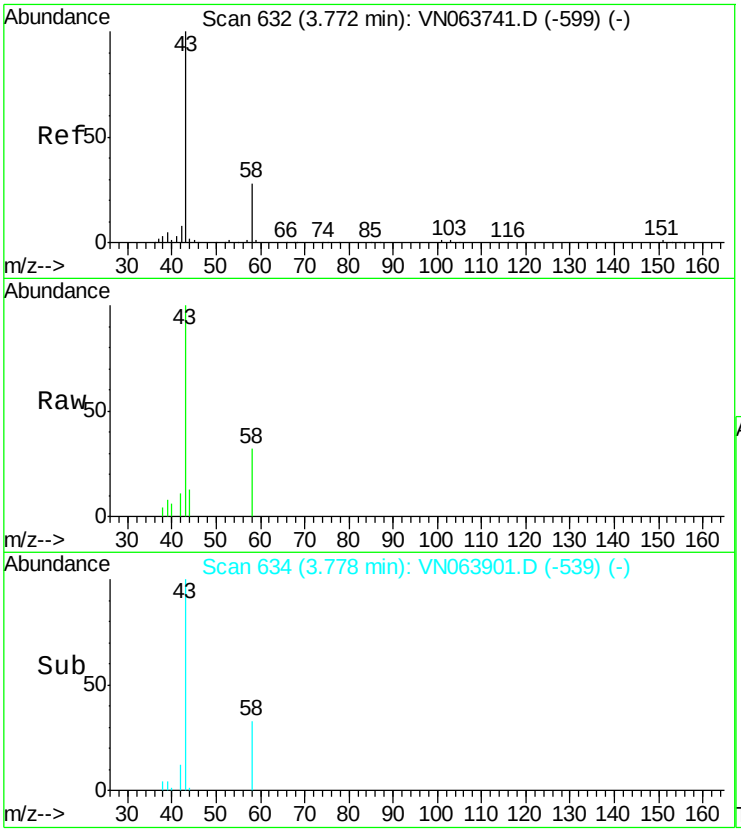


#11
Tert butyl alcohol
Concen: 0.272 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion: 59 Resp: 116

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



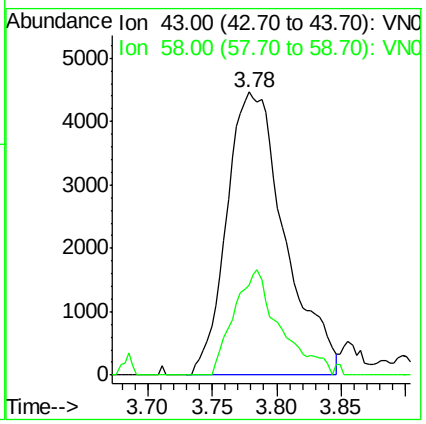


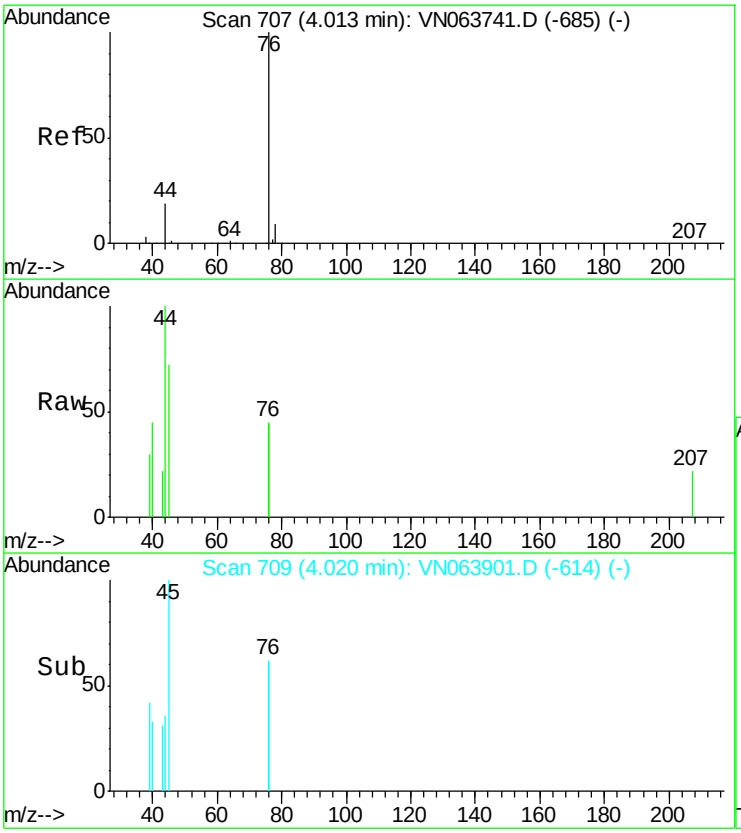
#16
Acetone
Concen: 11.781 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : OK-02-100120

Tgt Ion: 43 Resp: 14001

Ion	Ratio	Lower	Upper
43	100		
58	32.0	22.3	33.5

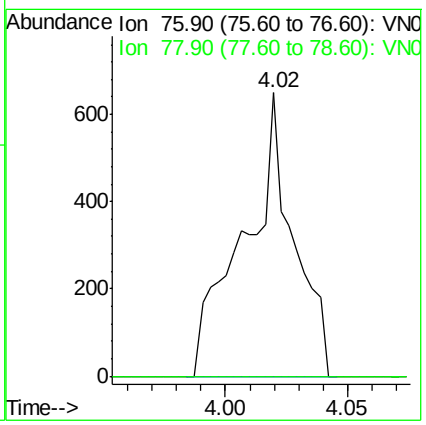


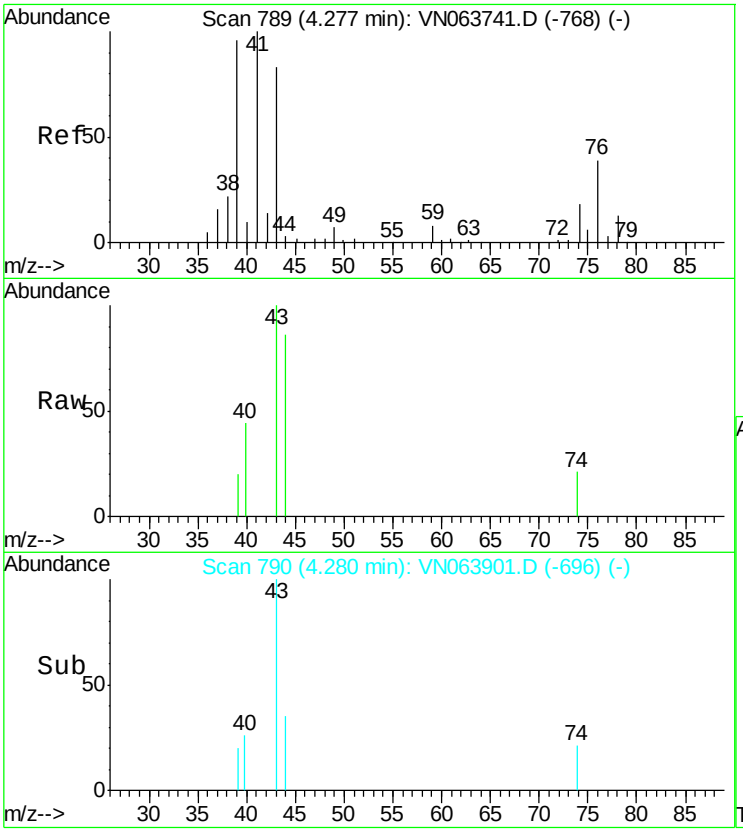


#17
Carbon Disulfide
Concen: 0.841 ug/l
RT: 4.02 min Scan# 709
Delta R.T. 0.01 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion: 76 Resp: 908

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#



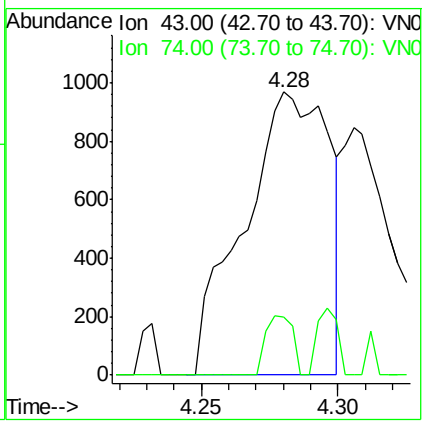


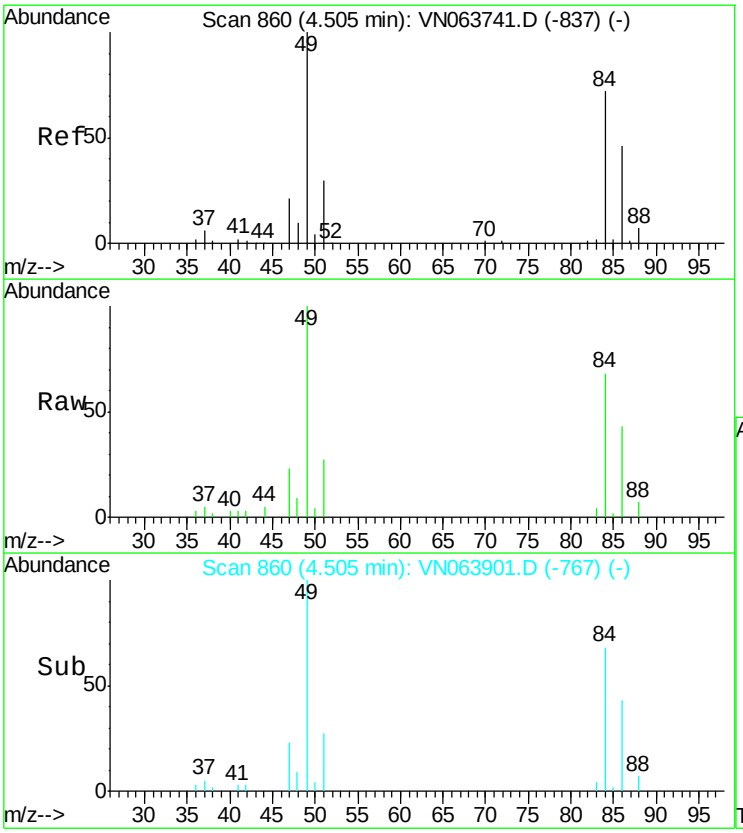
#18
Methyl Acetate
Concen: 0.680 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : OK-02-100120

Tgt Ion: 43 Resp: 2098

Ion	Ratio	Lower	Upper
43	100		
74	6.7	17.4	26.2#

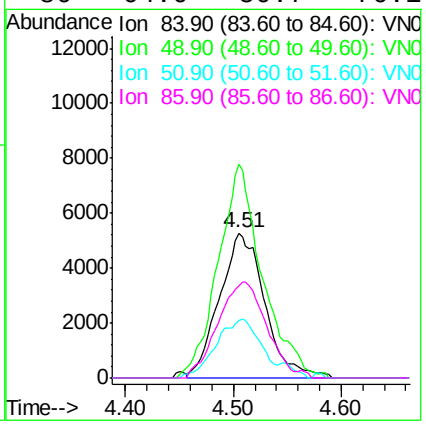


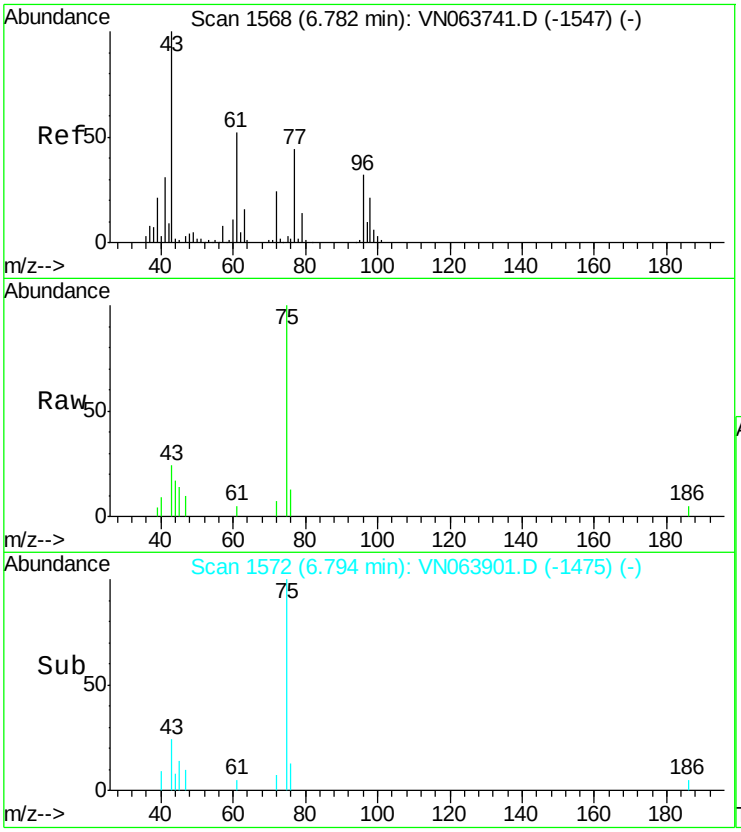


#20
Methylene Chloride
Concen: 5.752 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion: 84 Resp: 15420

Ion	Ratio	Lower	Upper
84	100		
49	147.4	110.4	165.6
51	39.9	33.3	49.9
86	64.0	50.7	76.1



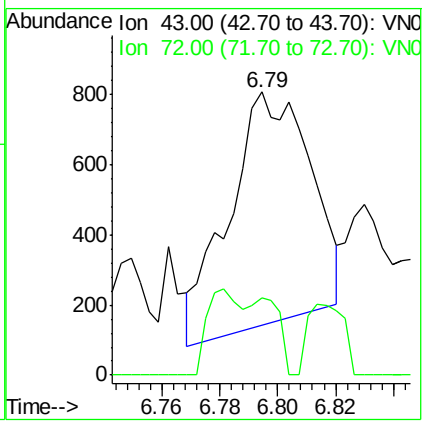


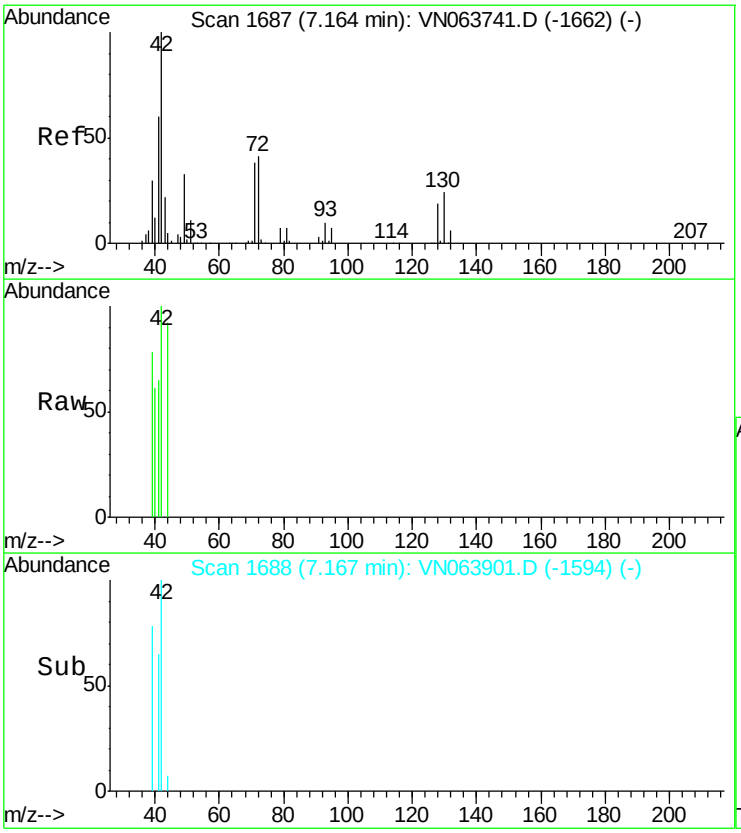
#25
2-Butanone
Concen: 0.761 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : OK-02-100120

Tgt Ion: 43 Resp: 1283

Ion	Ratio	Lower	Upper
43	100		
72	38.7	19.3	28.9#

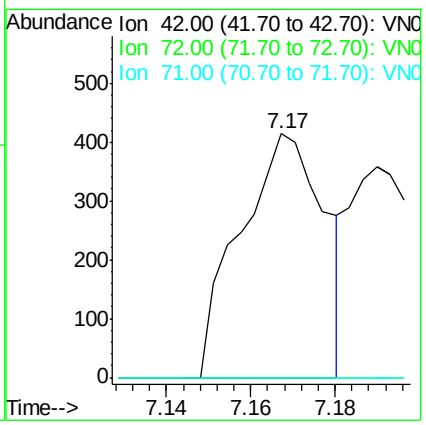


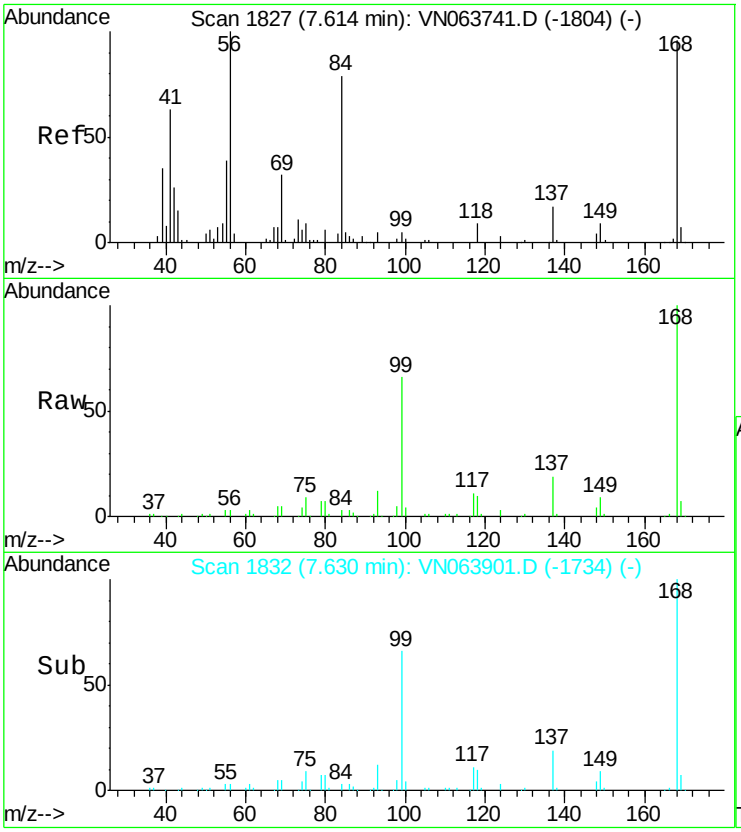


#29
Tetrahydrofuran
Concen: 0.505 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion: 42 Resp: 571

Ion	Ratio	Lower	Upper
42	100		
72	0.0	32.8	49.2#
71	0.0	30.6	45.8#



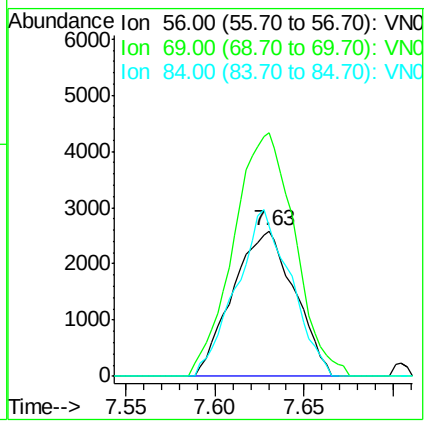


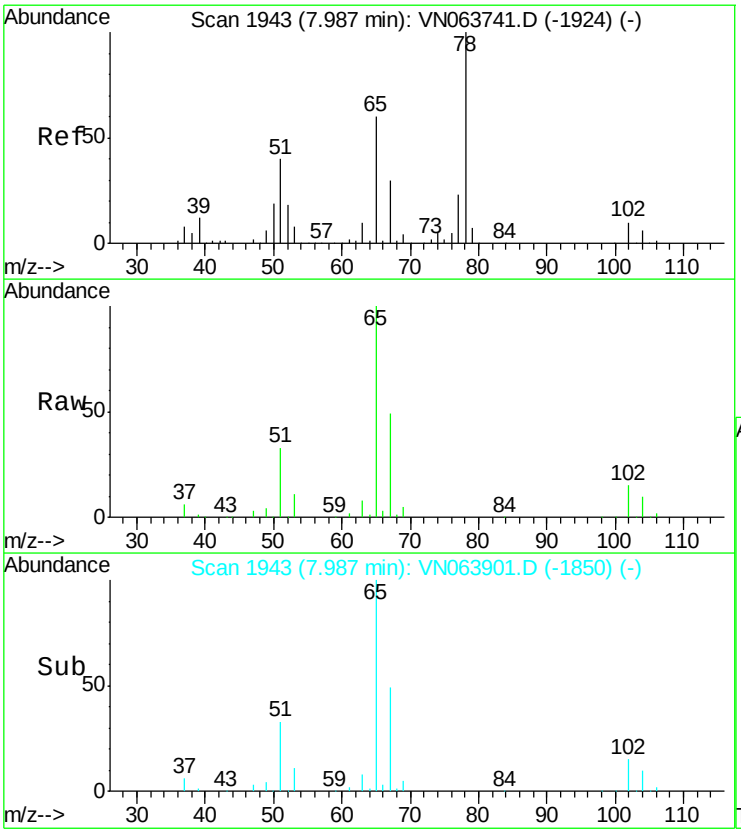
#31
Cyclohexane
Concen: 1.394 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-100120

Tgt Ion: 56 Resp: 6248

Ion	Ratio	Lower	Upper
56	100		
69	167.7	25.4	38.2#
84	103.8	63.3	94.9#

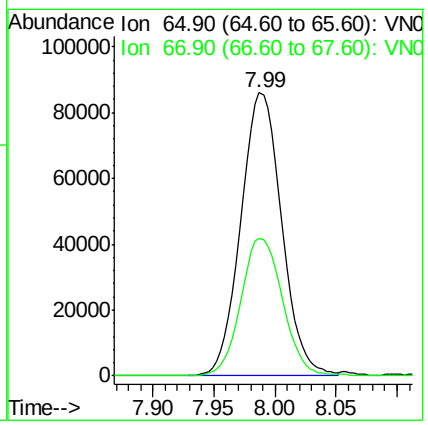


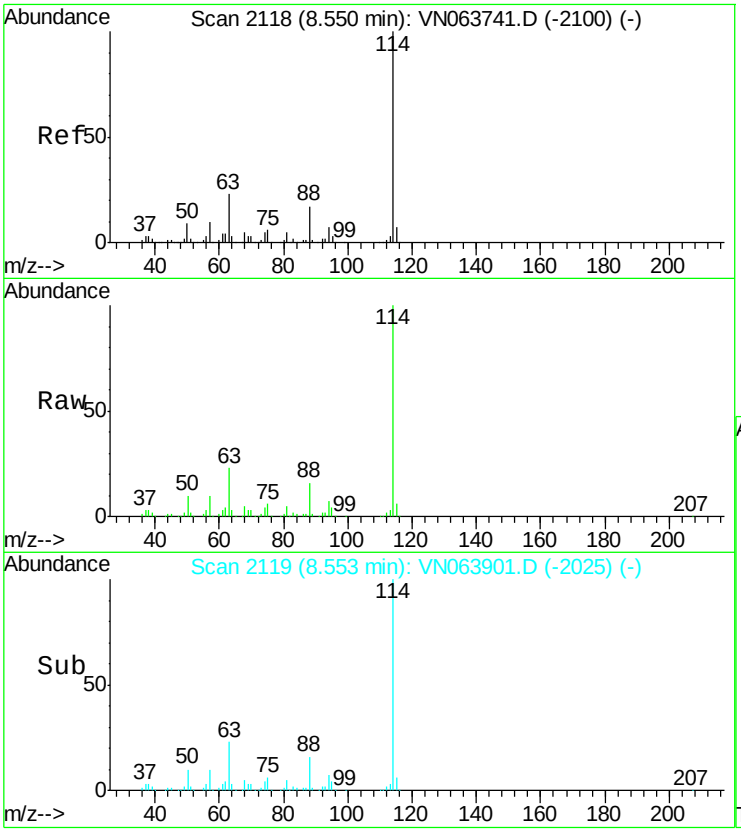


#33
1,2-Dichloroethane-d4
Concen: 51.691 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion: 65 Resp: 199554

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	99.6



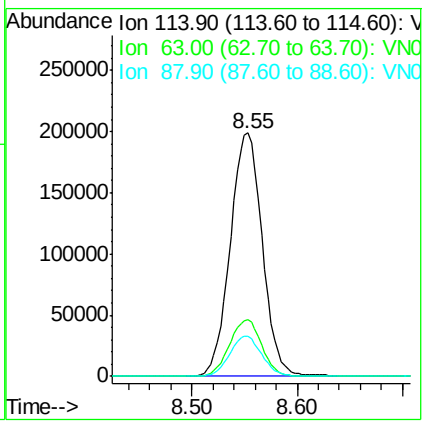


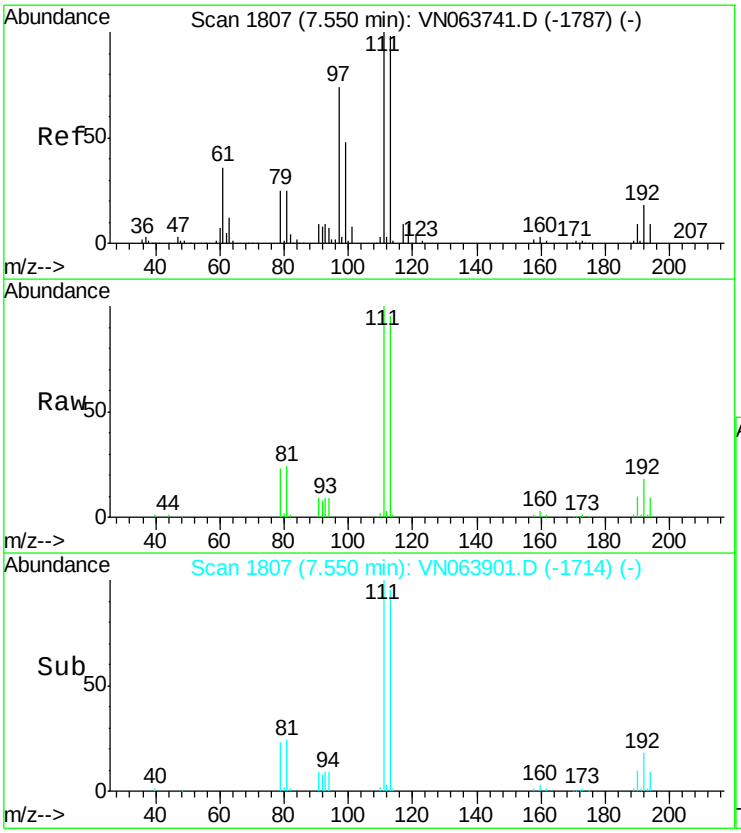
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-100120

Tgt Ion:114 Resp: 419394

Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.0
88	16.3	0.0	34.0

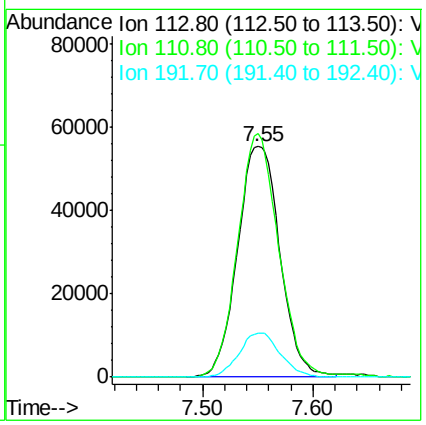


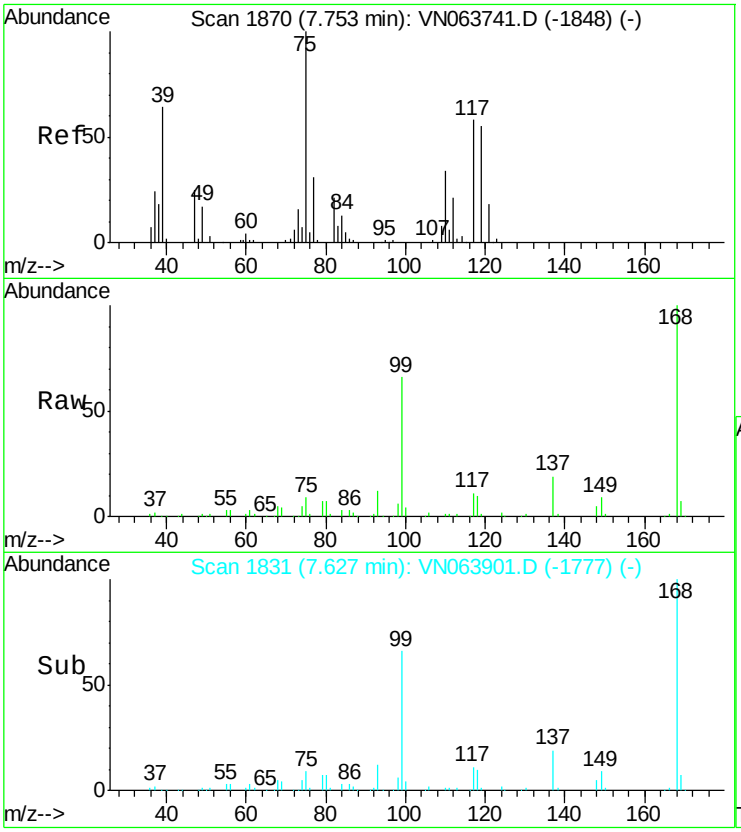


#35
Dibromofluoromethane
Concen: 50.687 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion:113 Resp: 147504

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.8
192	18.6	14.2	21.2



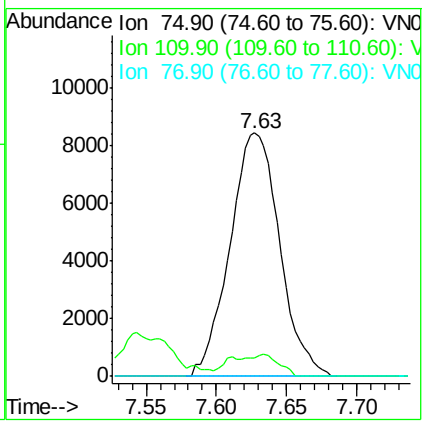


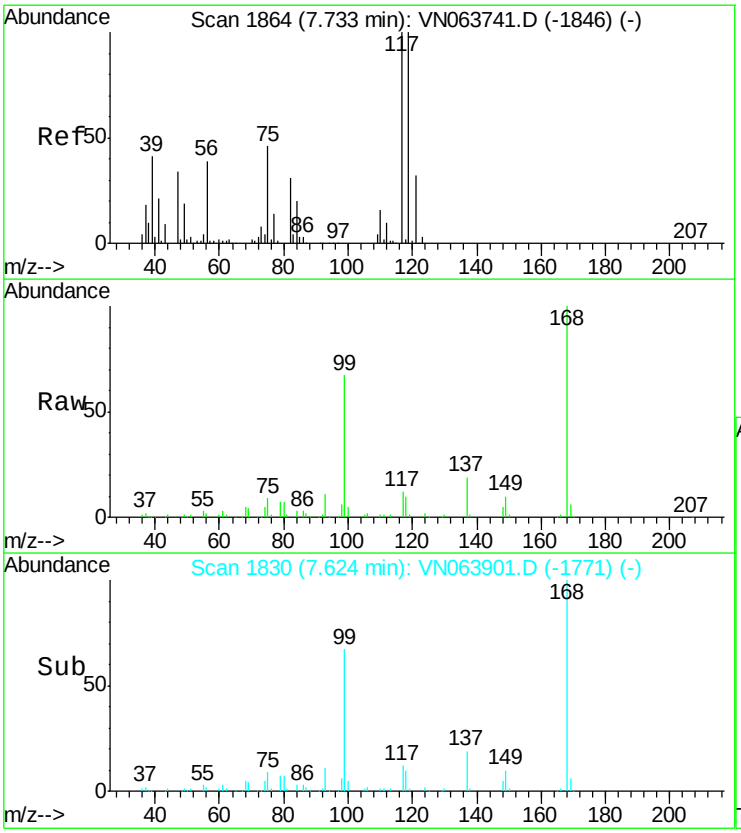
#36
1,1-Dichloropropene
Concen: 4.907 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-100120

Tgt Ion: 75 Resp: 20850

Ion	Ratio	Lower	Upper
75	100		
110	1.8	16.9	50.6#
77	0.0	24.5	36.7#

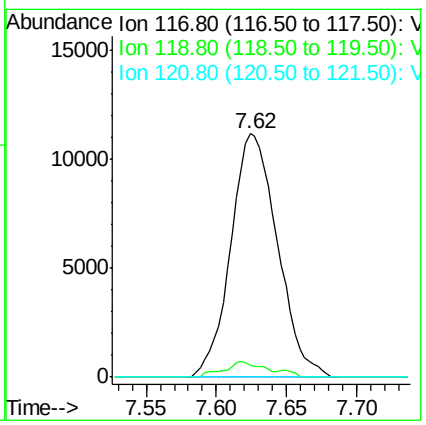


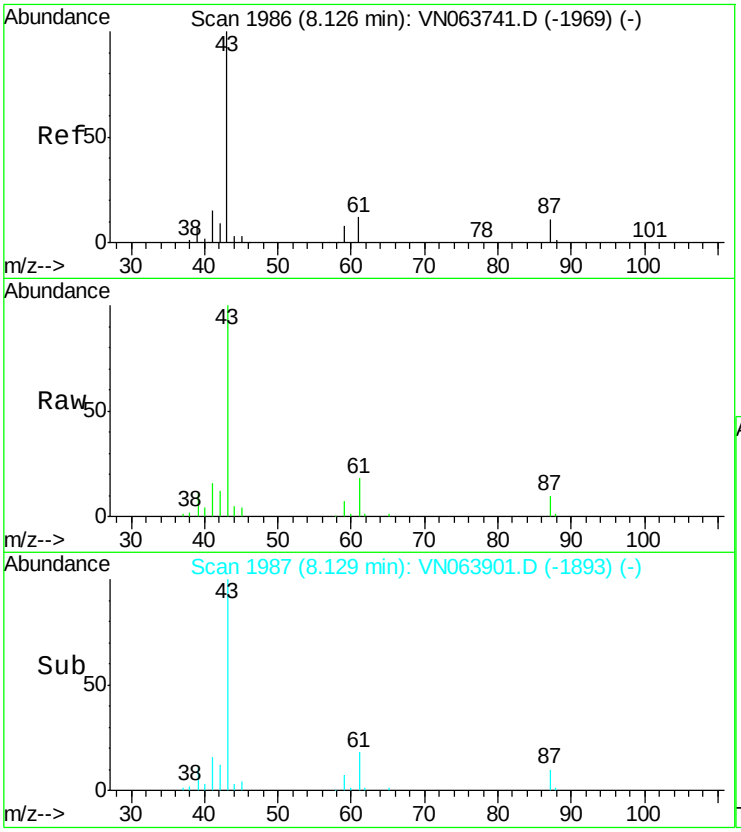


#38
Carbon Tetrachloride
Concen: 5.434 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion:117 Resp: 25891

Ion	Ratio	Lower	Upper
117	100		
119	5.0	80.1	120.1#
121	0.0	25.7	38.5#



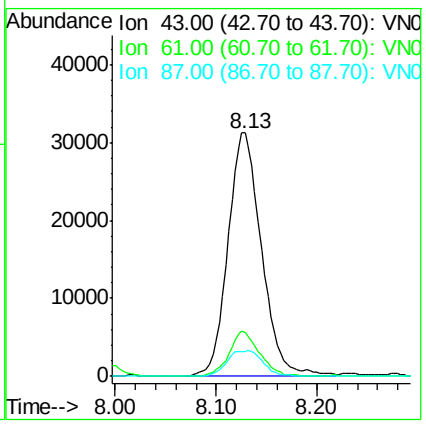


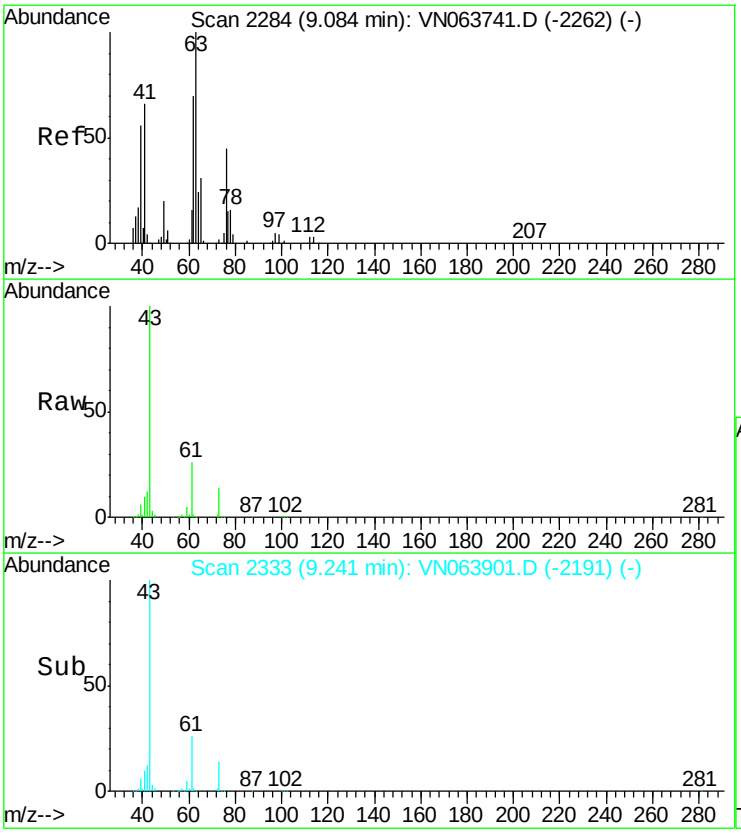
#43
Isopropyl Acetate
Concen: 10.392 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : OK-02-100120

Tgt Ion: 43 Resp: 72357

Ion	Ratio	Lower	Upper
43	100		
61	16.7	14.2	21.4
87	11.2	9.0	13.6

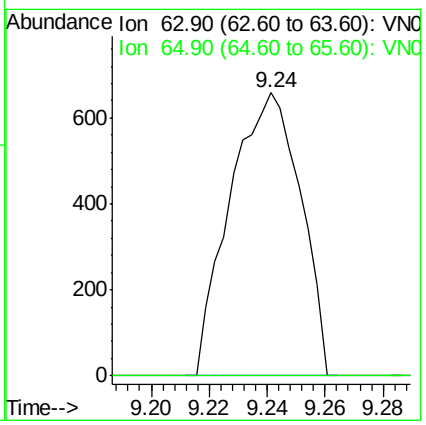


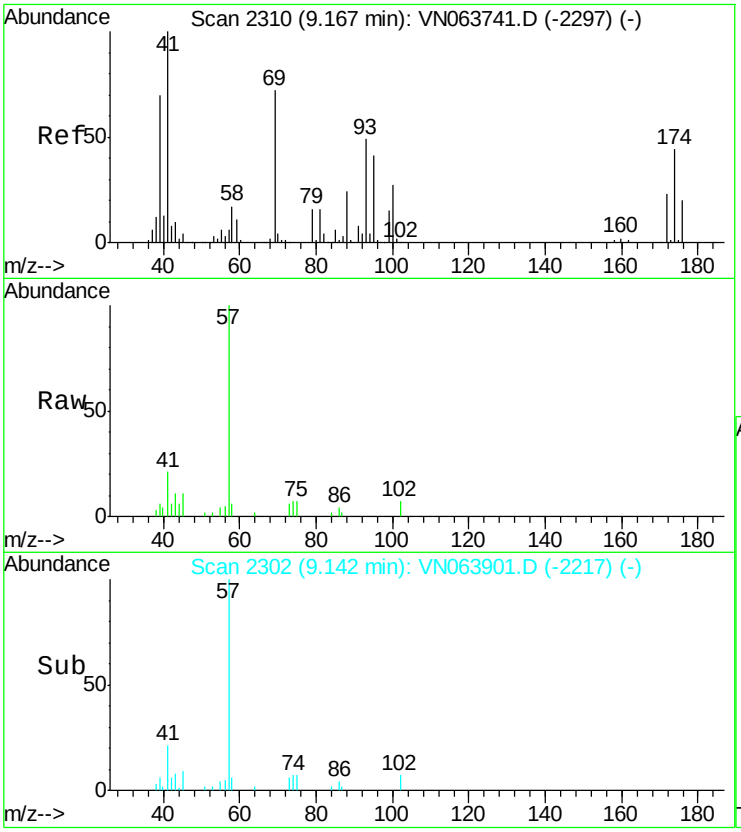


#45
1,2-Dichloropropane
Concen: 0.338 ug/l
RT: 9.24 min Scan# 2333
Delta R.T. 0.16 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion: 63 Resp: 1109

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#



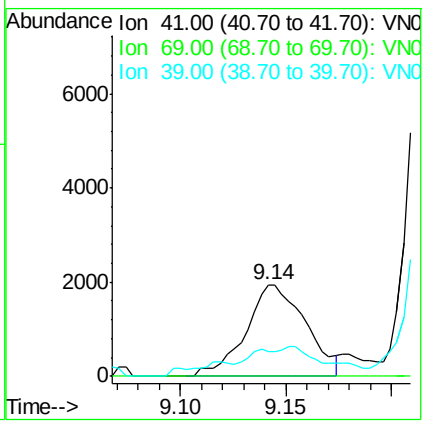


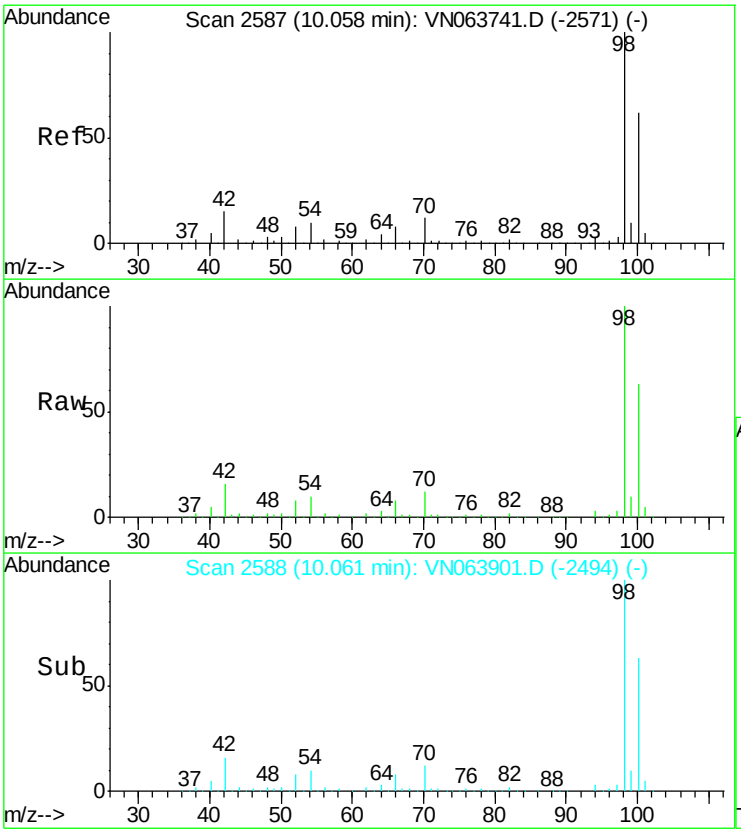
#48
Methyl methacrylate
Concen: 1.115 ug/l
RT: 9.14 min Scan# 2302
Delta R.T. -0.03 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : OK-02-100120

Tgt Ion: 41 Resp: 3836

Ion	Ratio	Lower	Upper
41	100		
69	0.0	60.9	91.3#
39	0.0	57.5	86.3#

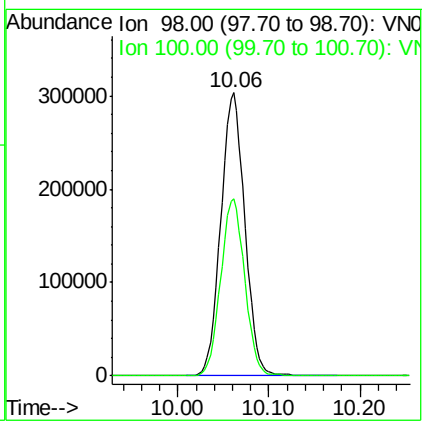


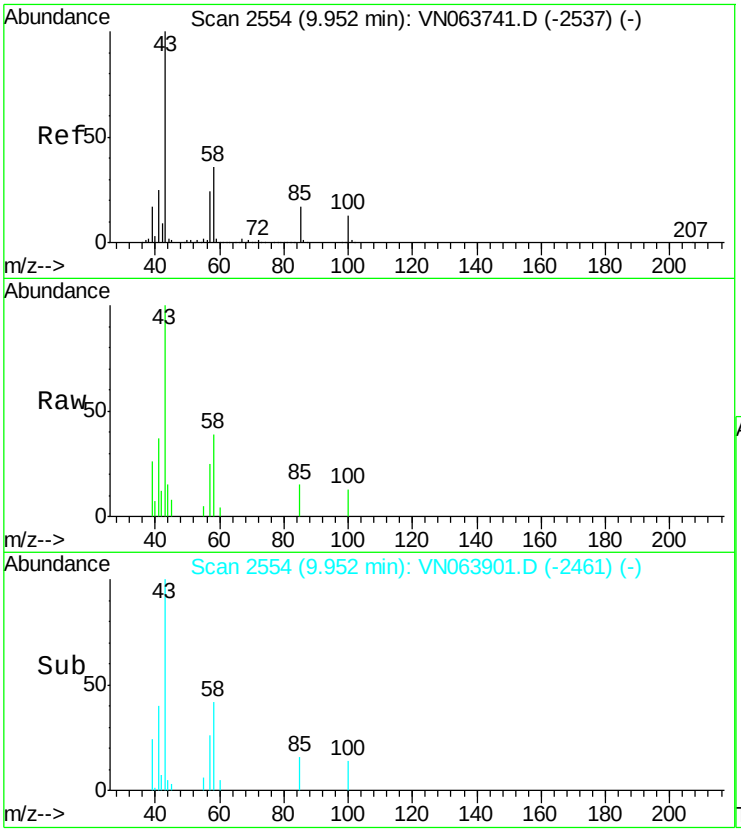


#50
Toluene-d8
Concen: 50.472 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion: 98 Resp: 556797

Ion	Ratio	Lower	Upper
98	100		
100	62.6	49.8	74.6



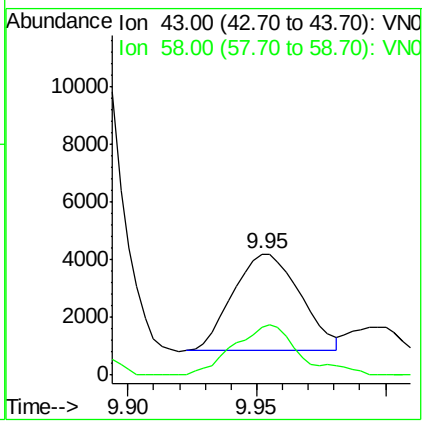


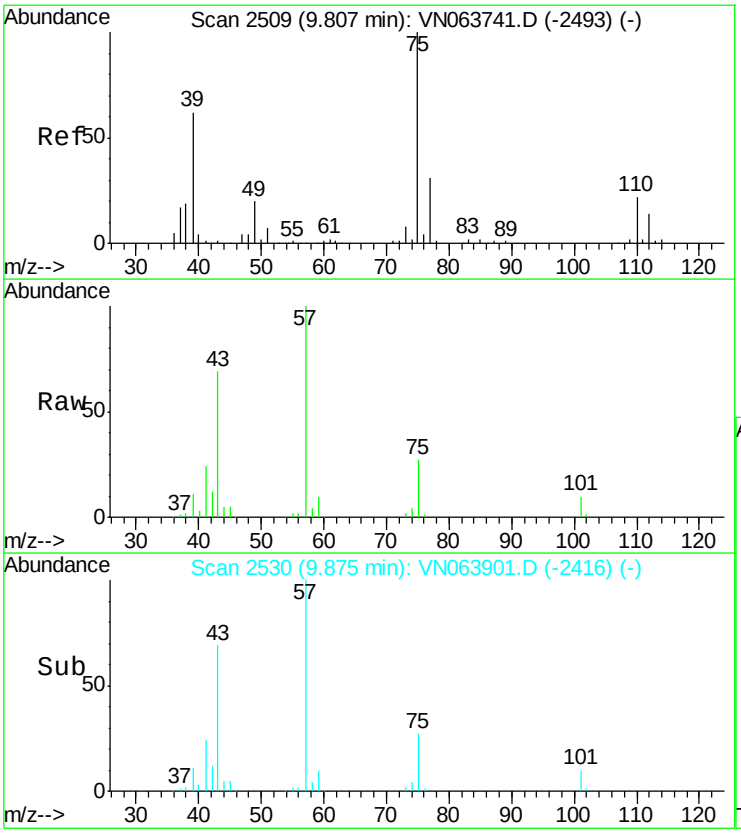
#51
4-Methyl-2-Pentanone
Concen: 1.503 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-100120

Tgt Ion: 43 Resp: 6140

Ion	Ratio	Lower	Upper
43	100		
58	50.6	28.4	42.6#

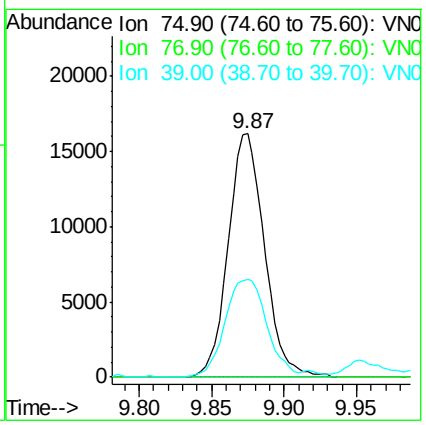


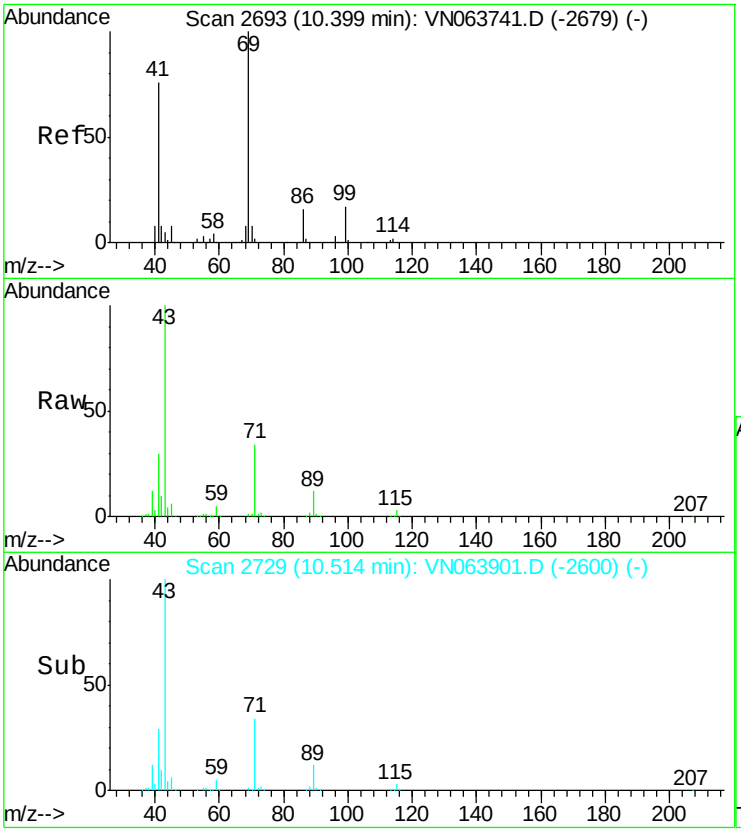


#54
cis-1,3-Dichloropropene
Concen: 5.367 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion: 75 Resp: 28037

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	40.1	49.7	74.5#



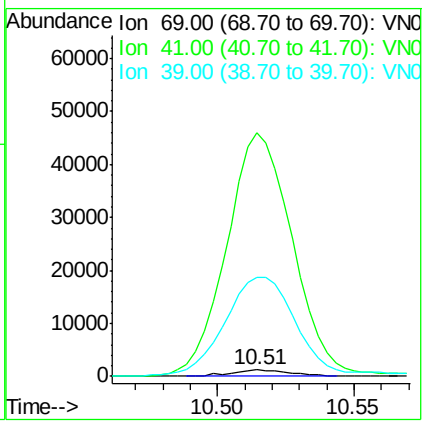


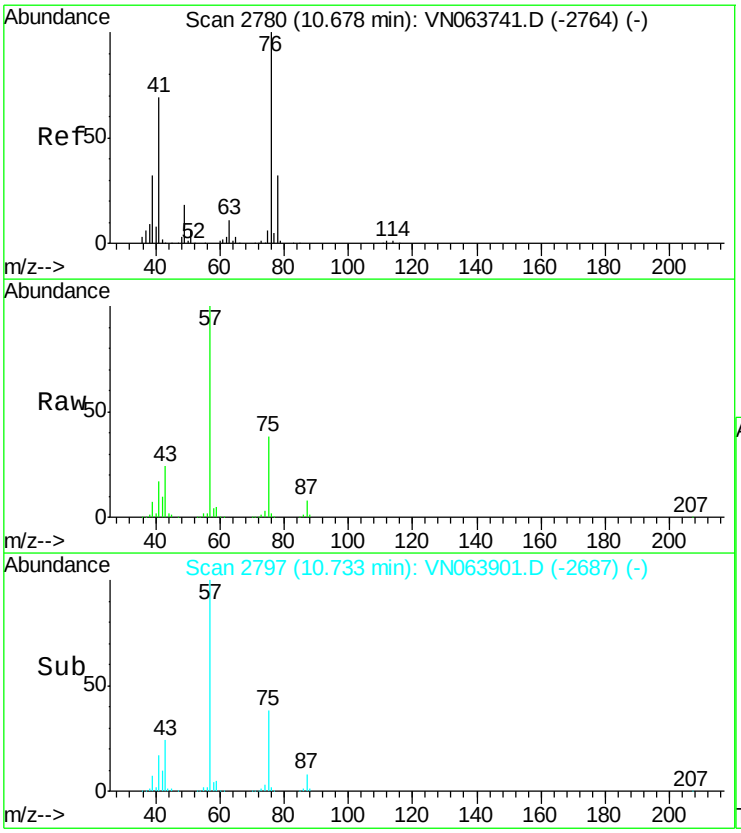
#56
Ethyl methacrylate
Concen: 0.435 ug/l
RT: 10.51 min Scan# 2729
Delta R.T. 0.12 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-100120

Tgt Ion: 69 Resp: 1855

Ion	Ratio	Lower	Upper
69	100		
41	4170.4	61.1	91.7#
39	1857.6	42.2	63.4#

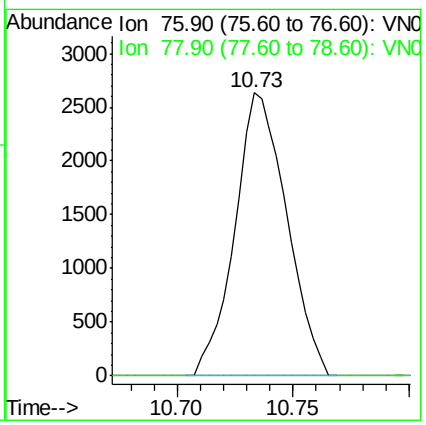


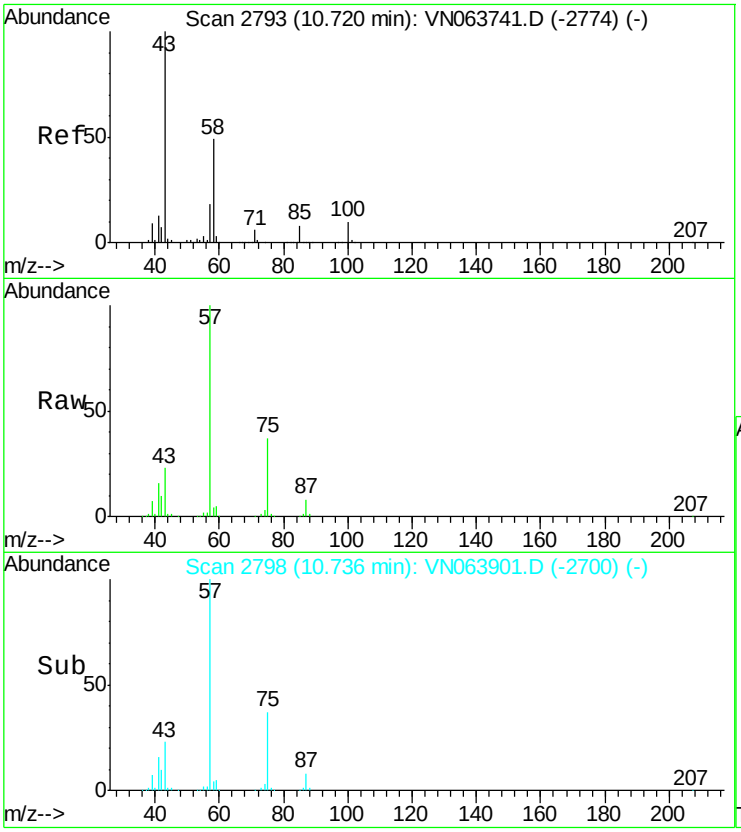


#57
1,3-Dichloropropane
Concen: 0.804 ug/l
RT: 10.73 min Scan# 2797
Delta R.T. 0.05 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion: 76 Resp: 4094

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#



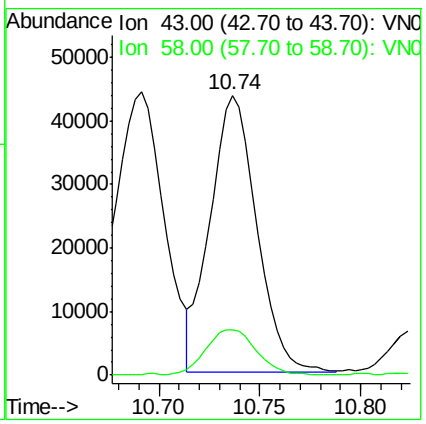


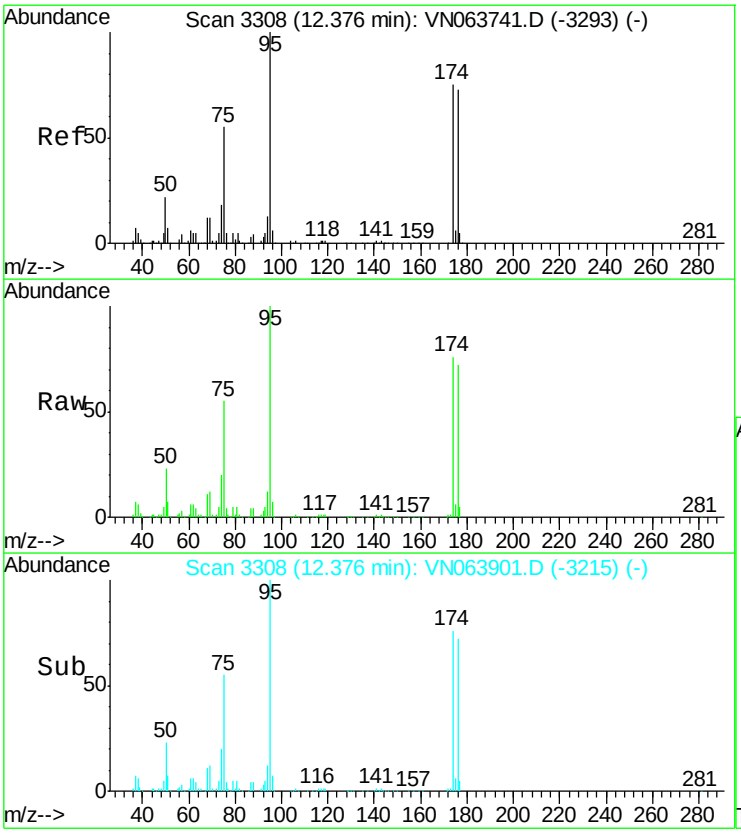
#59
2-Hexanone
Concen: 23.026 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : OK-02-100120

Tgt Ion: 43 Resp: 69893

Ion	Ratio	Lower	Upper
43	100		
58	17.9	24.6	73.8#

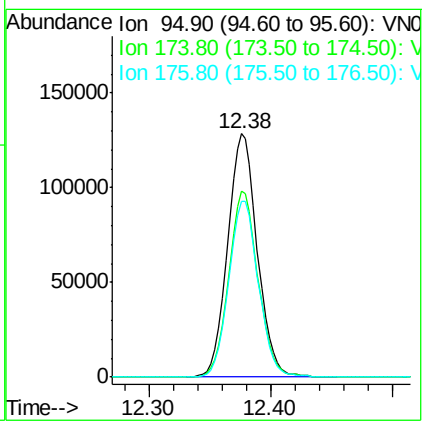


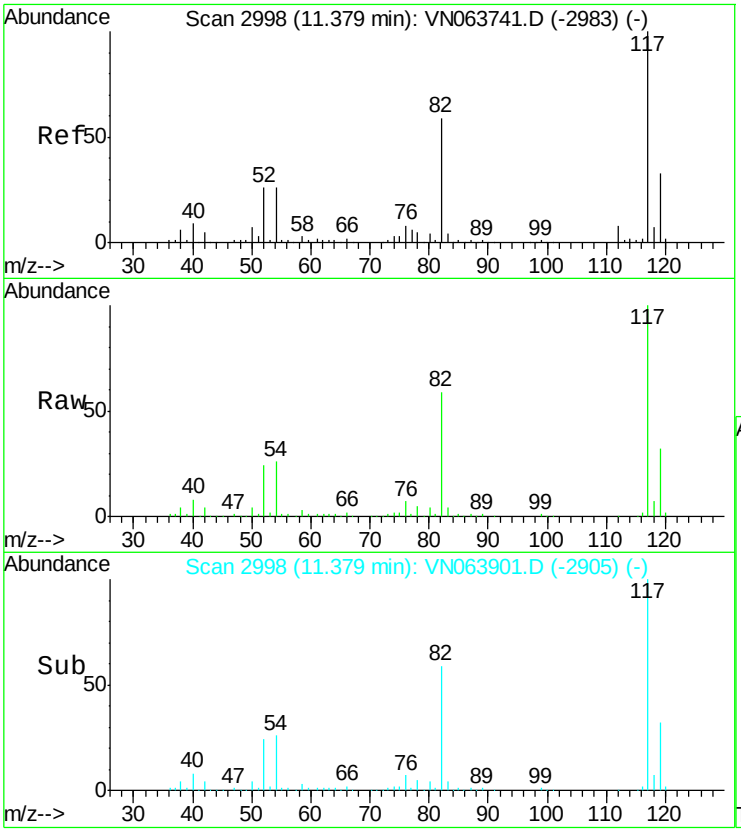


#62
4-Bromofluorobenzene
Concen: 52.412 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion: 95 Resp: 217352

Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	150.6
176	72.5	0.0	145.4



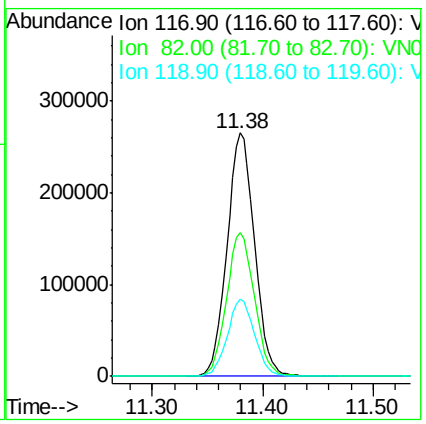


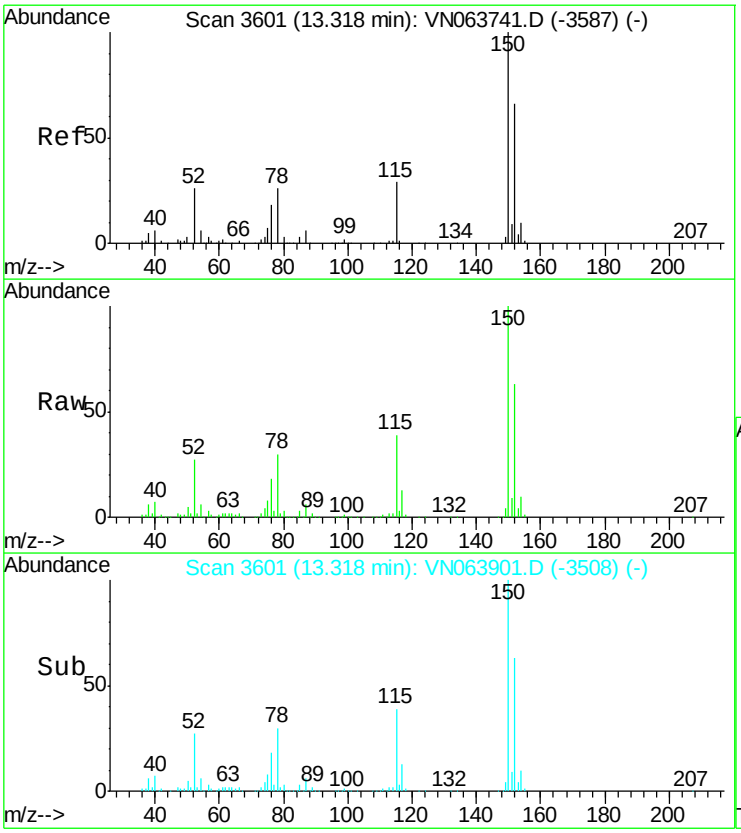
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : OK-02-100120

Tgt Ion:117 Resp: 457602

Ion	Ratio	Lower	Upper
117	100		
82	59.0	47.4	71.2
119	31.5	26.4	39.6

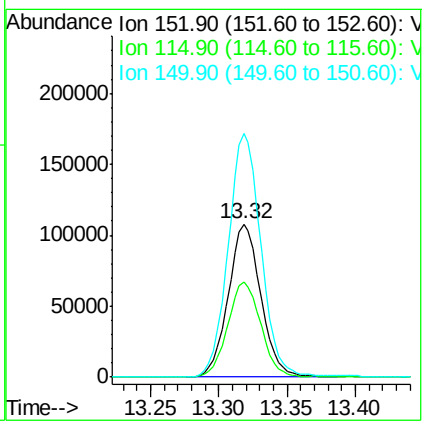


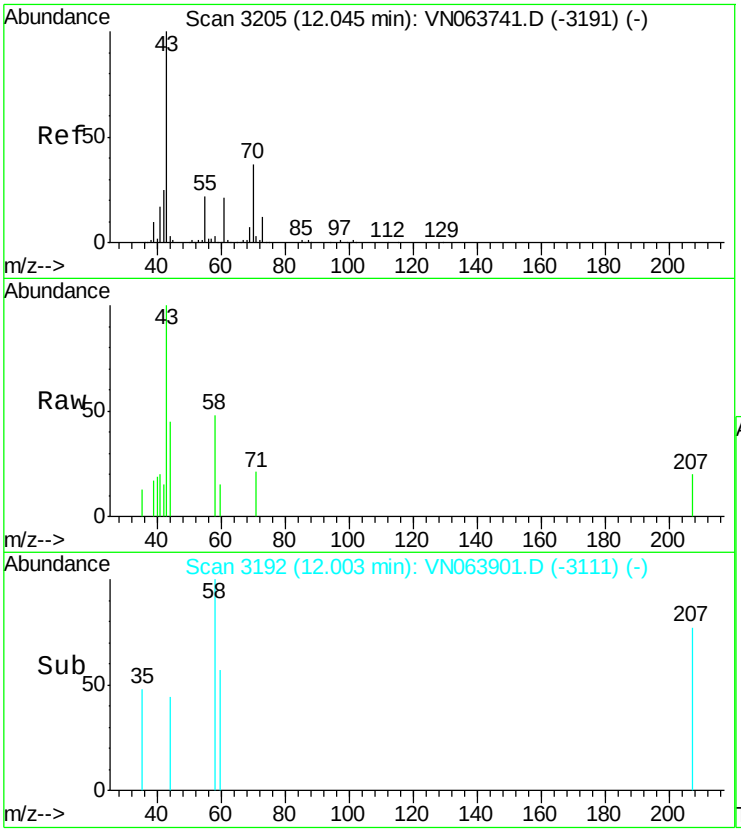


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion:152 Resp: 179296

Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.3	93.8
150	159.6	0.0	341.8



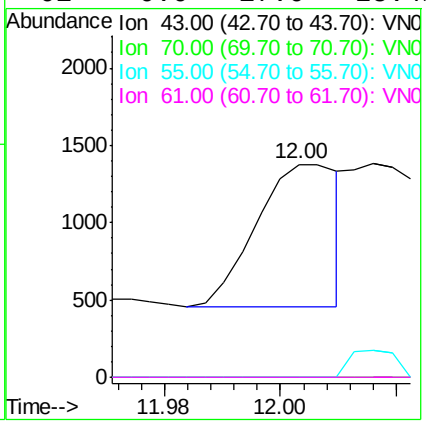


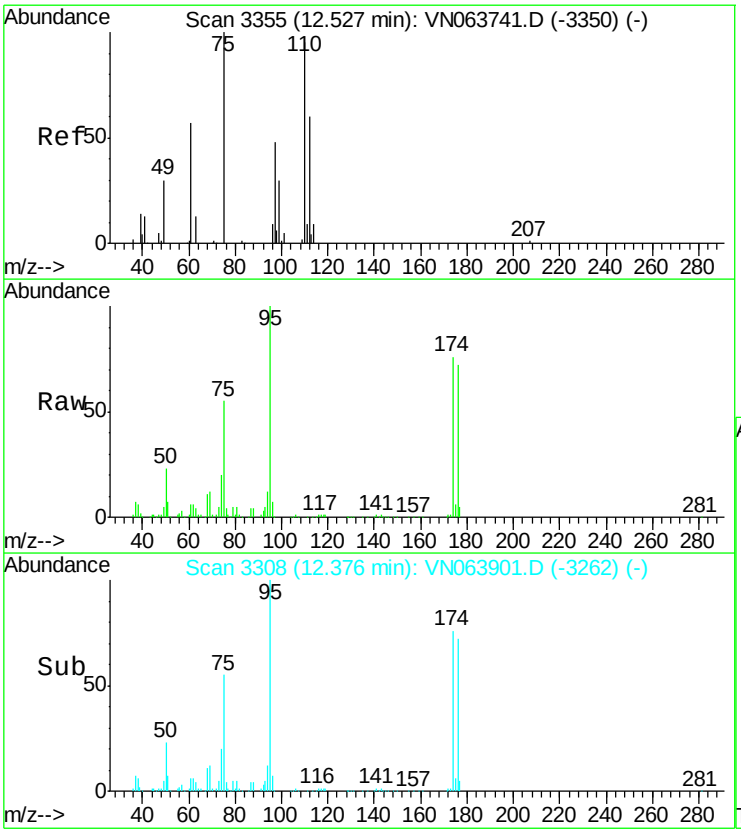
#74
N-amyl acetate
Concen: 2.359 ug/l
RT: 12.00 min Scan# 3192
Delta R.T. -0.04 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument : MSVOA_N
ClientSampleId : OK-02-100120

Tgt Ion: 43 Resp: 907

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	10.7	17.9	26.9#
61	0.0	17.0	25.4#

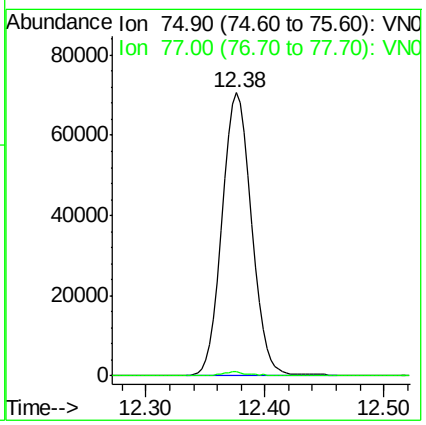


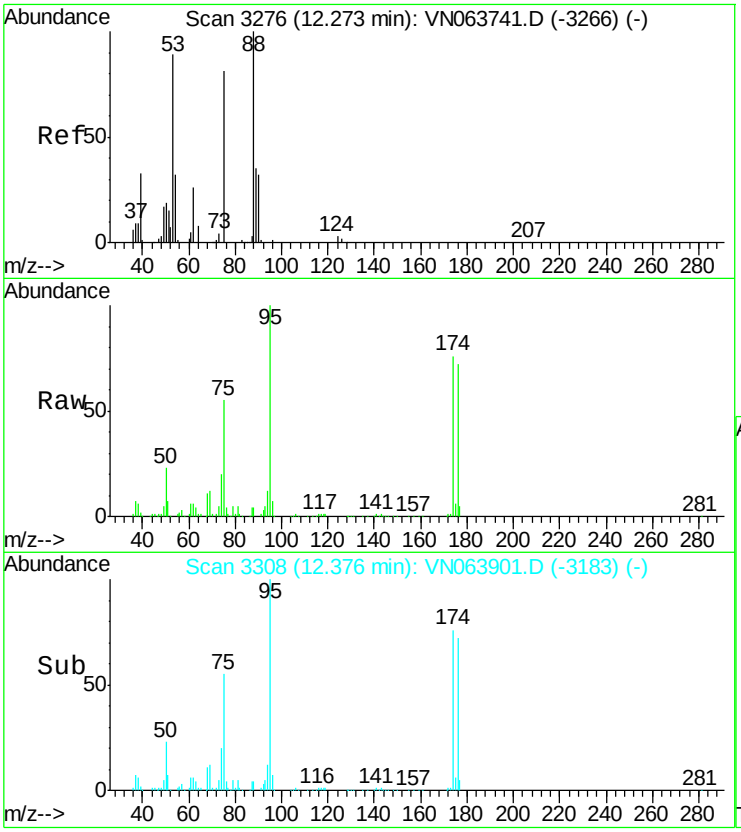


#76
1,2,3-Trichloropropane
Concen: 30.781 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion: 75 Resp: 121658

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#



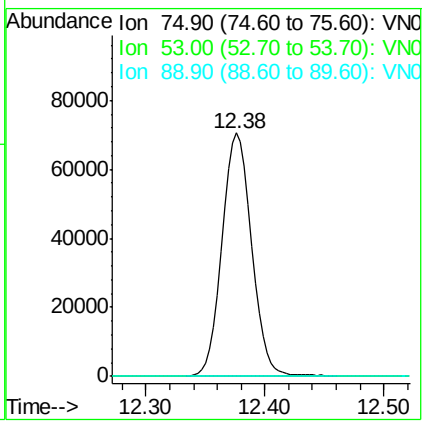


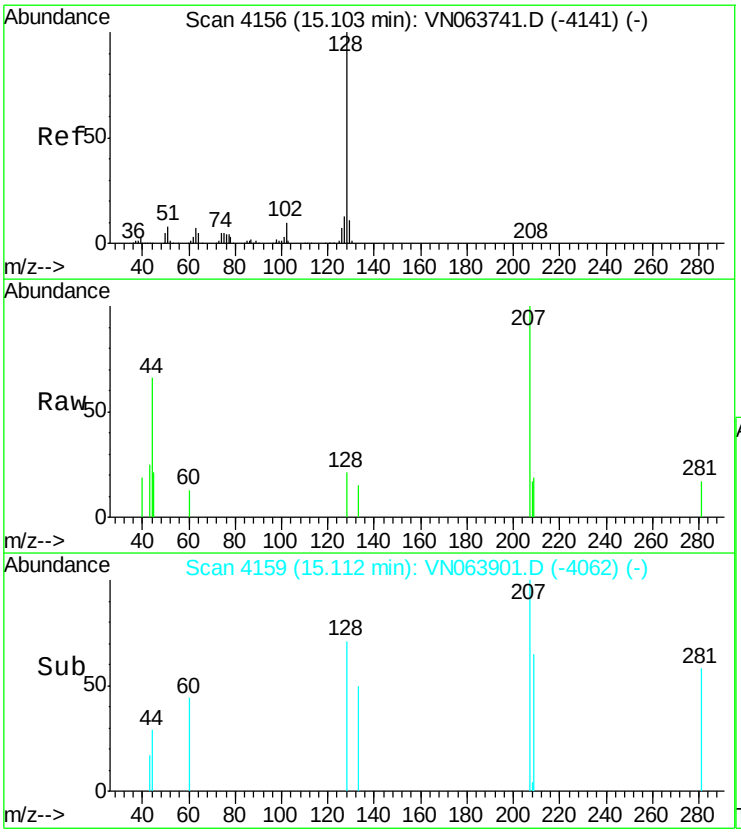
#81
trans-1,4-Dichloro-2-butene
Concen: 88.654 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-100120

Tgt Ion: 75 Resp: 121658

Ion	Ratio	Lower	Upper
75	100		
53	0.0	88.2	132.2#
89	0.0	36.0	54.0#

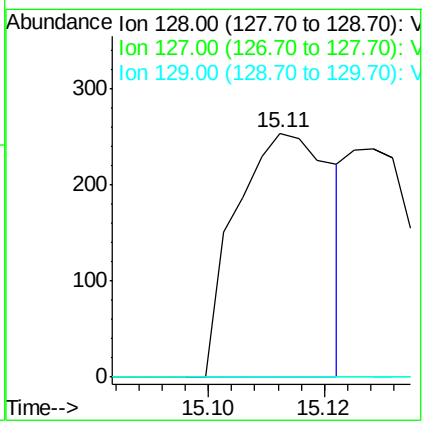


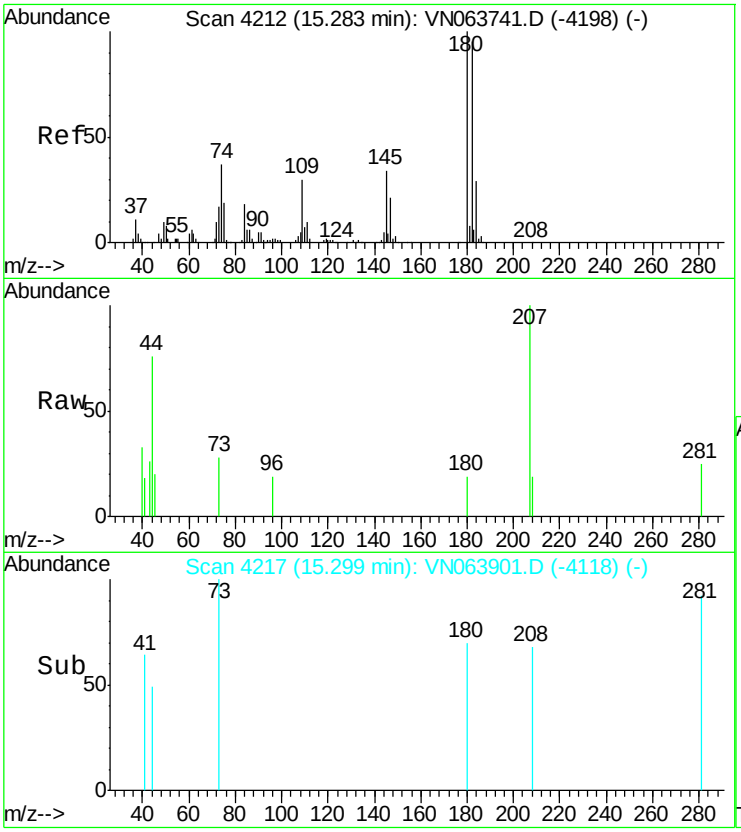


#95
Naphthalene
Concen: 1.953 ug/l
RT: 15.11 min Scan# 4159
Delta R.T. 0.01 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Tgt Ion:128 Resp: 292

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 1.590 ug/l
RT: 15.30 min Scan# 4217
Delta R.T. 0.02 min
Lab File: VN063901.D
Acq: 6 Oct 2020 18:20

Instrument :
MSVOA_N
ClientSampleId :
OK-02-100120

Tgt Ion:180 Resp: 67

Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.9	143.6#
145	0.0	17.2	51.5#