Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090120\
Data File : VN063167.D
Acq On : 1 Sep 2020 20:05
Operator : JC/MD
Sample : L3851-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Sep 02 04:05:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	354337	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	709678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	711170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	288107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	288205	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.52%			
35) Dibromofluoromethane	7.55	113	221045	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.10%			
50) Toluene-d8	10.06	98	897797	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.46%			
62) 4-Bromofluorobenzene	12.38	95	327030	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.70%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	2935	0.578	ug/l	98
5) Bromomethane	2.56	94	2776	0.588	ug/l	98
7) Trichlorofluoromethane	2.98	101	116	Below Cal	#	19
8) Diethyl Ether	3.38	74	3112	1.159	ug/l	56
11) Tert butyl alcohol	4.73	59	245	0.345	ug/l #	25
13) Acrolein	3.57	56	68	16.005	ug/l #	1
15) Acrylonitrile	4.91	53	61	2.434	ug/l #	30
16) Acetone	3.78	43	39553	24.021	ug/l	98
18) Methyl Acetate	4.30	43	9650	2.286	ug/l #	55
20) Methylene Chloride	4.51	84	18986	3.645	ug/l	92
25) 2-Butanone	6.78	43	3321	1.303	ug/l #	80
29) Tetrahydrofuran	7.18	42	3263	1.851	ug/l #	66
31) Cyclohexane	7.62	56	10963	Below Cal	#	53
36) 1,1-Dichloropropene	7.62	75	34138	5.004	ug/l #	50
37) Ethyl Acetate	6.90	43	544	0.464	ug/l #	83
38) Carbon Tetrachloride	7.62	117	39544	5.715	ug/l #	15
43) Isopropyl Acetate	8.13	43	128021	11.506	ug/l #	90
48) Methyl methacrylate	9.15	41	7790	1.553	ug/l #	13
49) 1,4-Dioxane	9.16	88	254	3.274	ug/l #	1
51) 4-Methyl-2-Pentanone	9.95	43	20748	3.432	ug/l #	82
54) cis-1,3-Dichloropropene	9.87	75	50491	5.832	ug/l #	67
57) 1,3-Dichloropropane	10.74	76	6439	0.756	ug/l #	43
59) 2-Hexanone	10.74	43	102001	24.005	ug/l #	51
71) Bromoform	12.37	173	869	0.241	ug/l #	1
74) N-amyl acetate	12.01	43	6632	0.725	ug/l #	51
76) 1,2,3-Trichloropropane	12.38	75	191593	33.846	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	191593	81.806	ug/l #	10
93) 1,2,4-Trichlorobenzene	14.95	180	3208	0.645	ug/l #	1

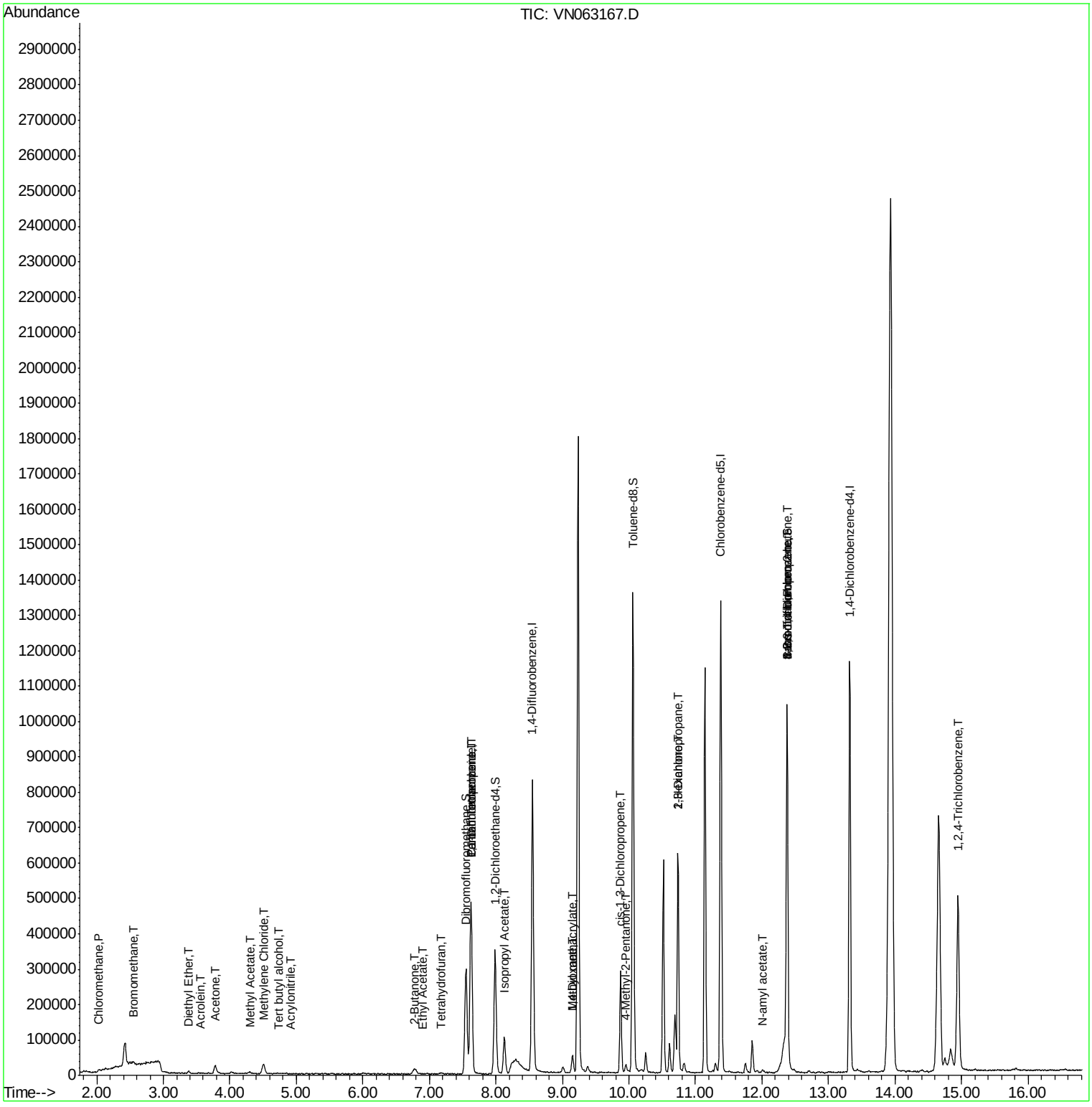
(#) = qualifier out of range (m) = manual integration (+) = signals summed

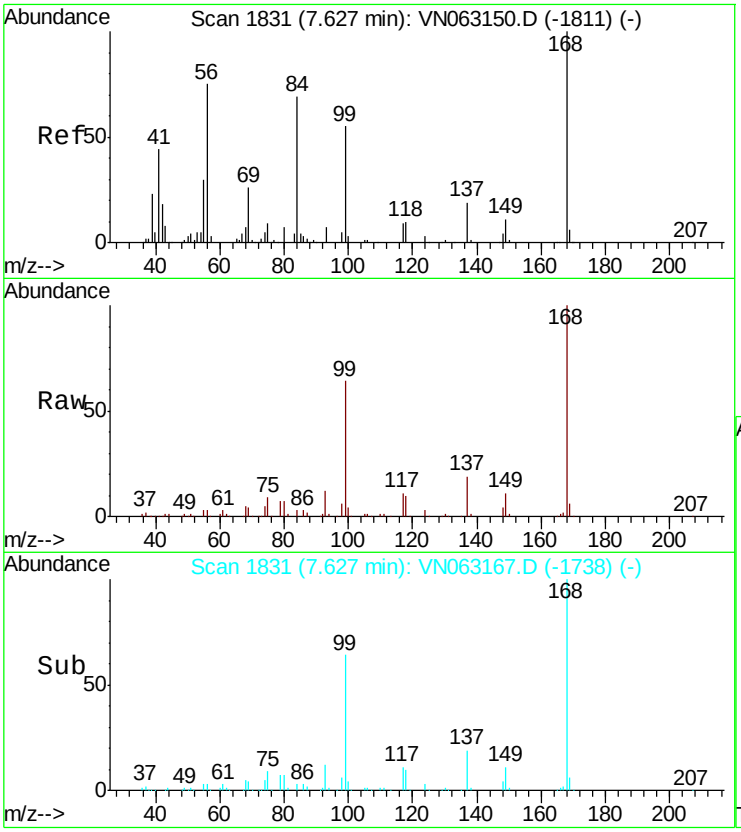
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090120\
Data File : VN063167.D
Acq On : 1 Sep 2020 20:05
Operator : JC/MD
Sample : L3851-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 02 04:05:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration



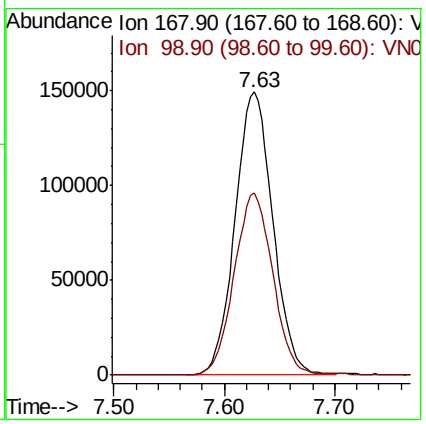


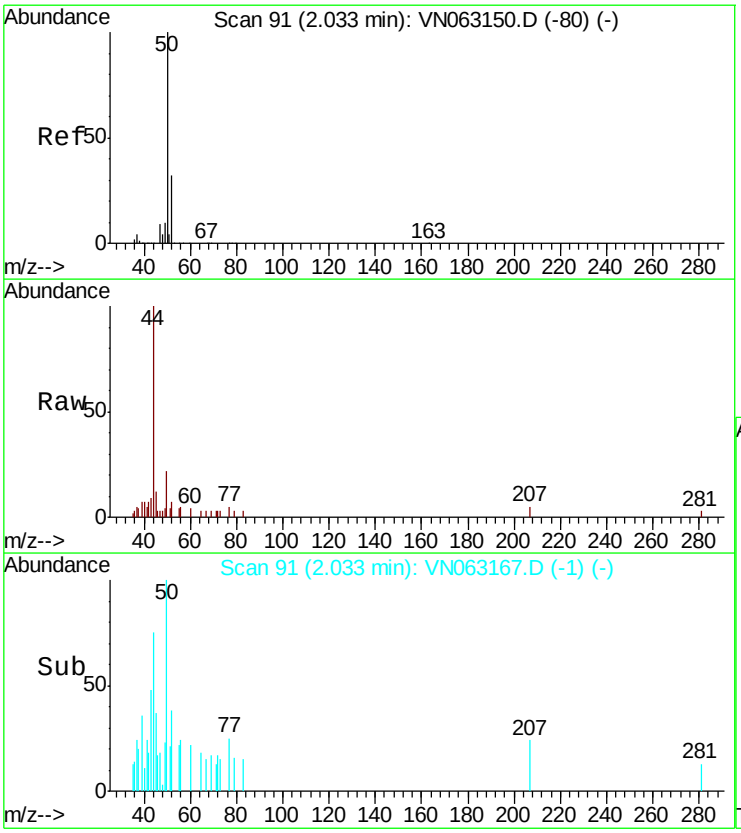
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 354337

Ion	Ratio	Lower	Upper
168	100		
99	64.2	54.2	81.2

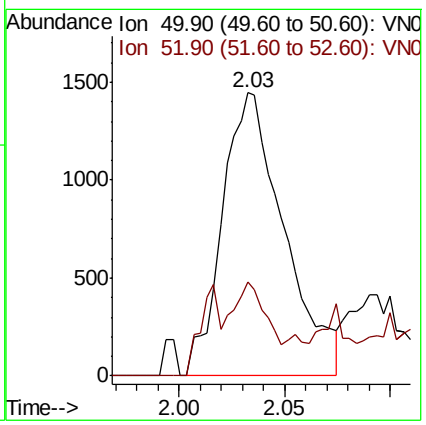


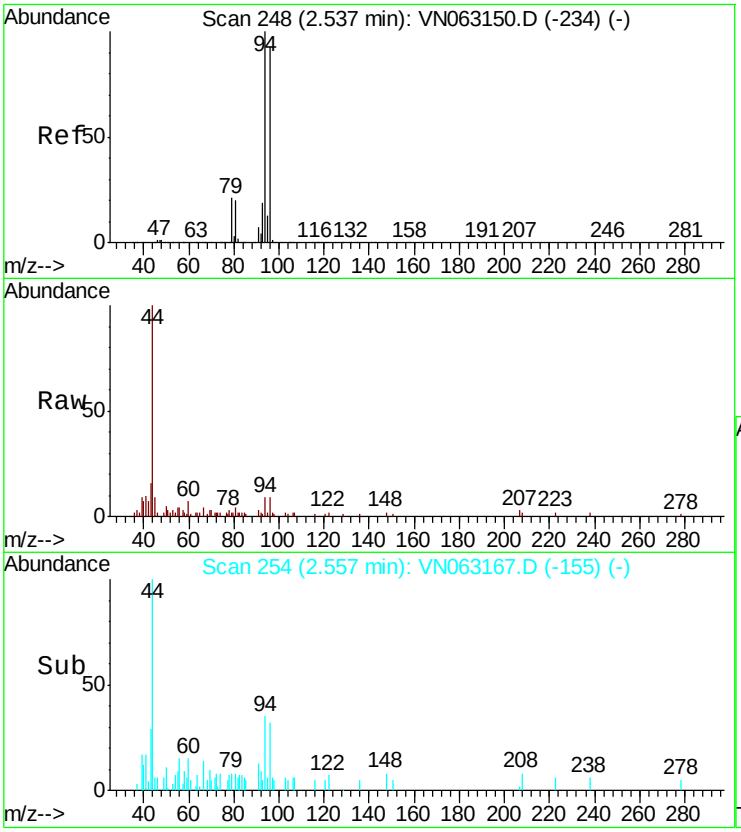


#3
Chloromethane
Concen: 0.578 ug/l
RT: 2.03 min Scan# 91
Delta R.T. -0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 50 Resp: 2935

Ion	Ratio	Lower	Upper
50	100		
52	33.4	25.8	38.6



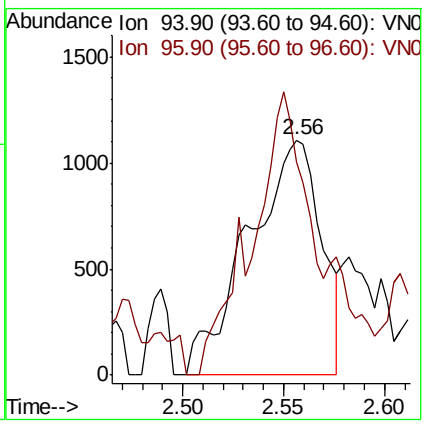


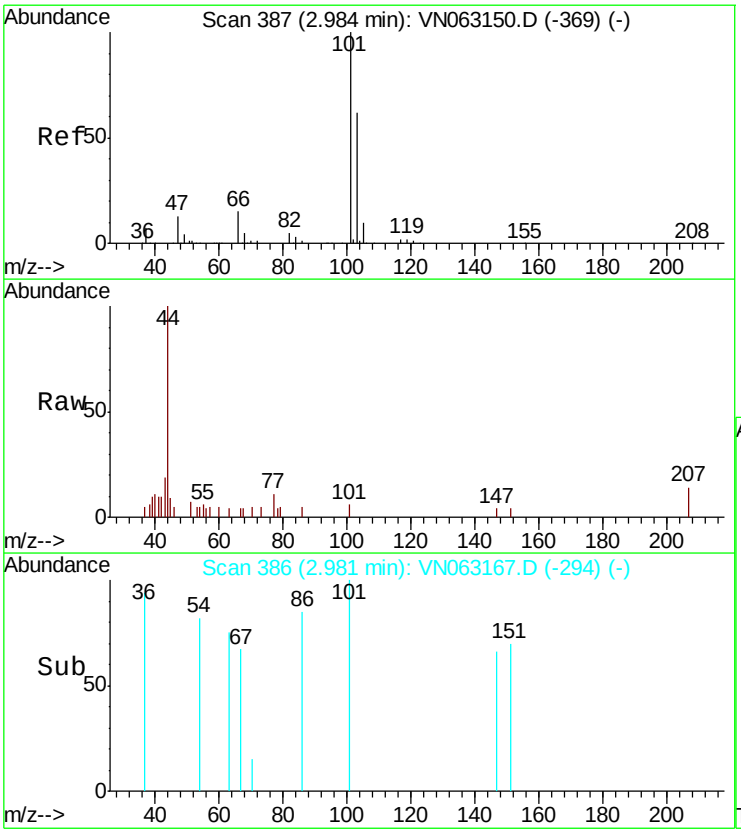
#5
Bromomethane
Concen: 0.588 ug/l
RT: 2.56 min Scan# 254
Delta R.T. 0.02 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 2776

Ion	Ratio	Lower	Upper
94	100		
96	90.6	74.4	111.6

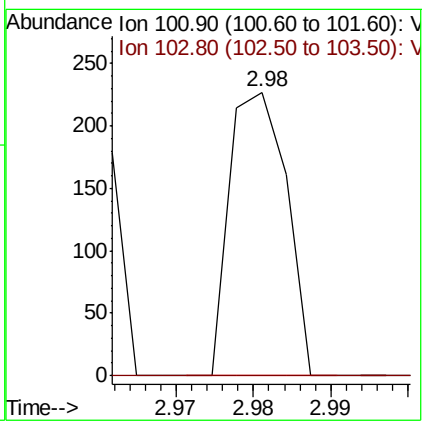


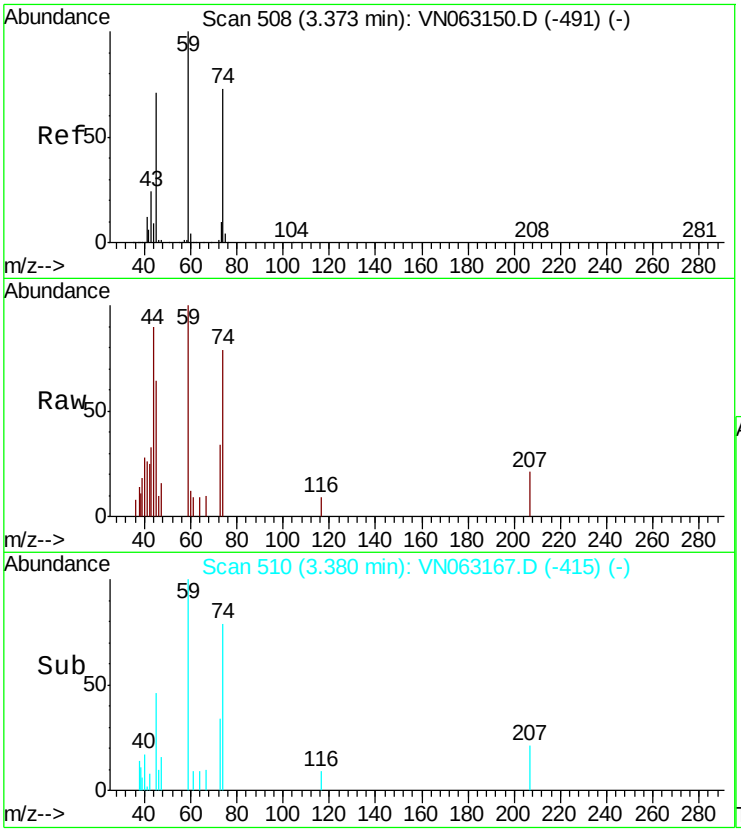


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion:101 Resp: 116

Ion	Ratio	Lower	Upper
101	100		
103	0.0	49.7	74.5#



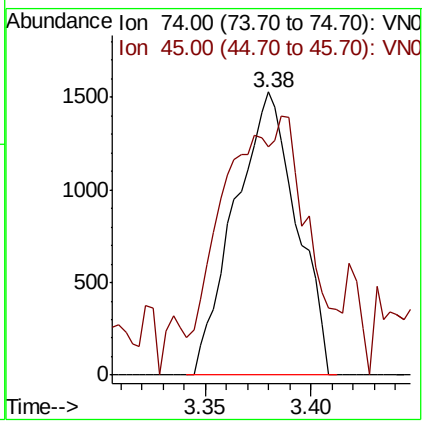


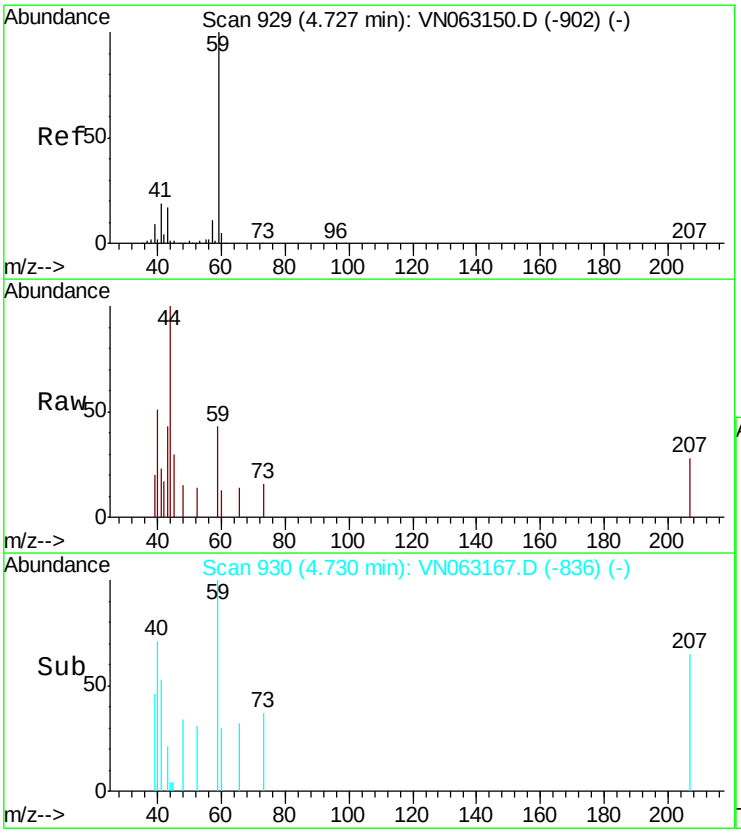
#8
Diethyl Ether
Concen: 1.159 ug/l
RT: 3.38 min Scan# 510
Delta R.T. 0.01 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 74 Resp: 3112

Ion	Ratio	Lower	Upper
74	100		
45	55.5	49.5	148.5

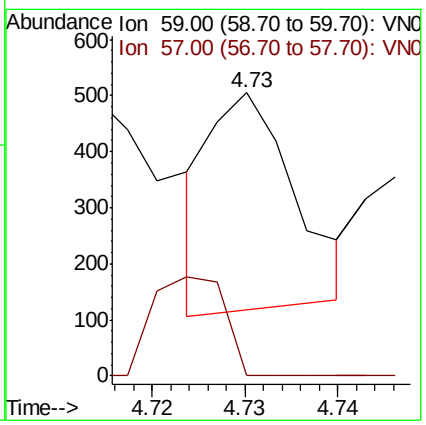


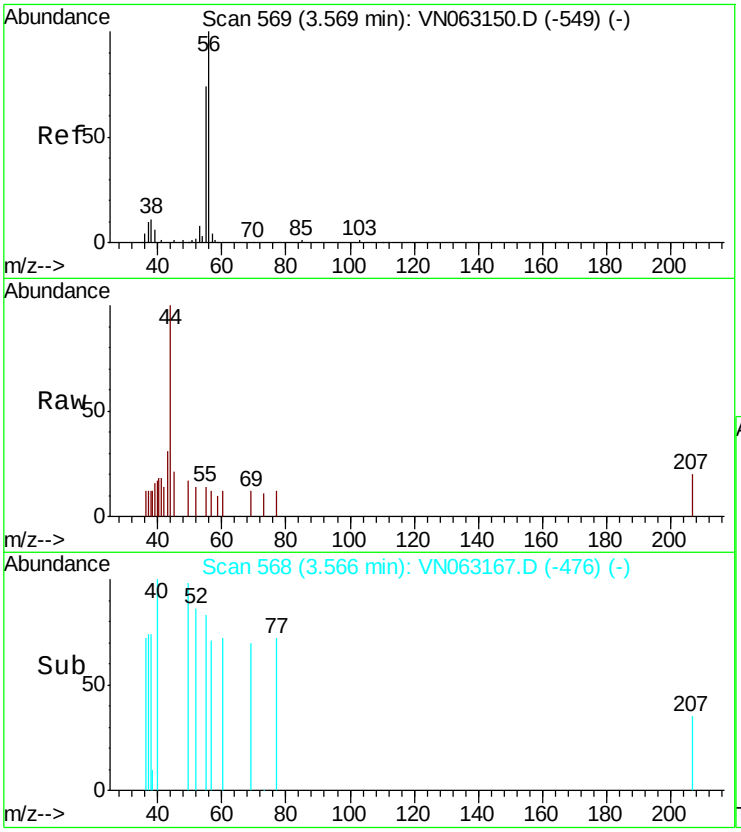


#11
Tert butyl alcohol
Concen: 0.345 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 59 Resp: 245

Ion	Ratio	Lower	Upper
59	100		
57	38.8	8.4	12.6#



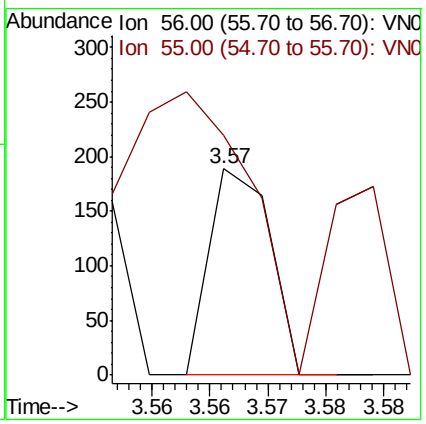


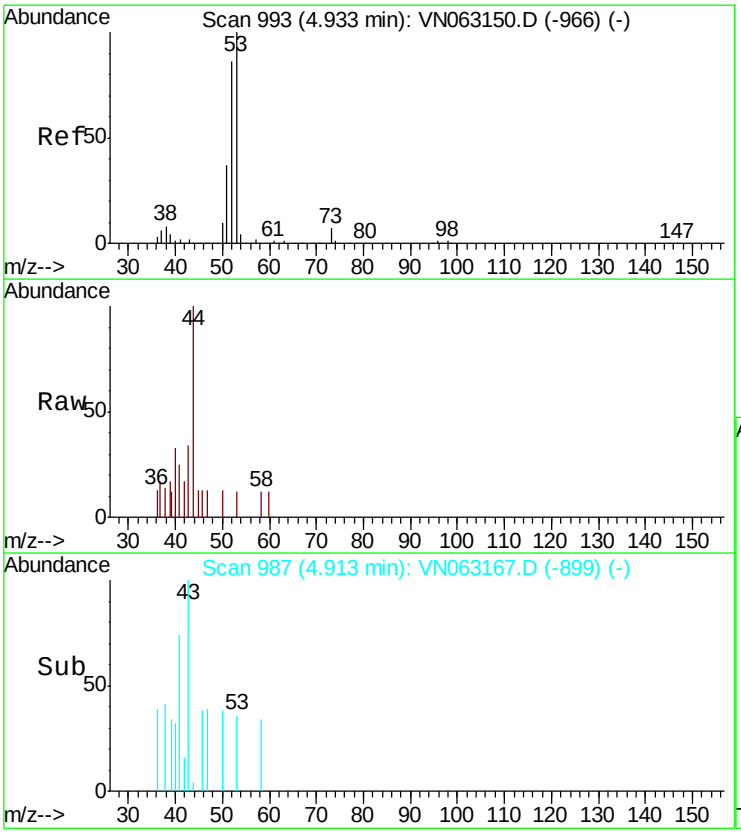
#13
Acrolein
Concen: 16.005 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 68

Ion	Ratio	Lower	Upper
56	100		
55	297.1	55.4	83.0#

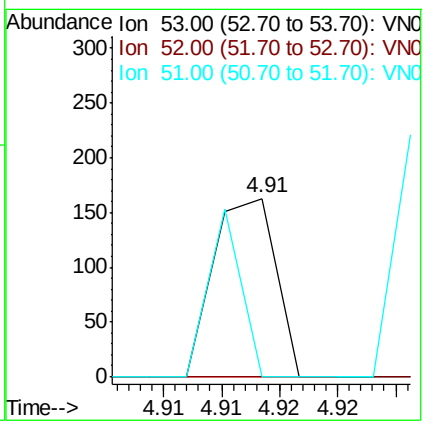


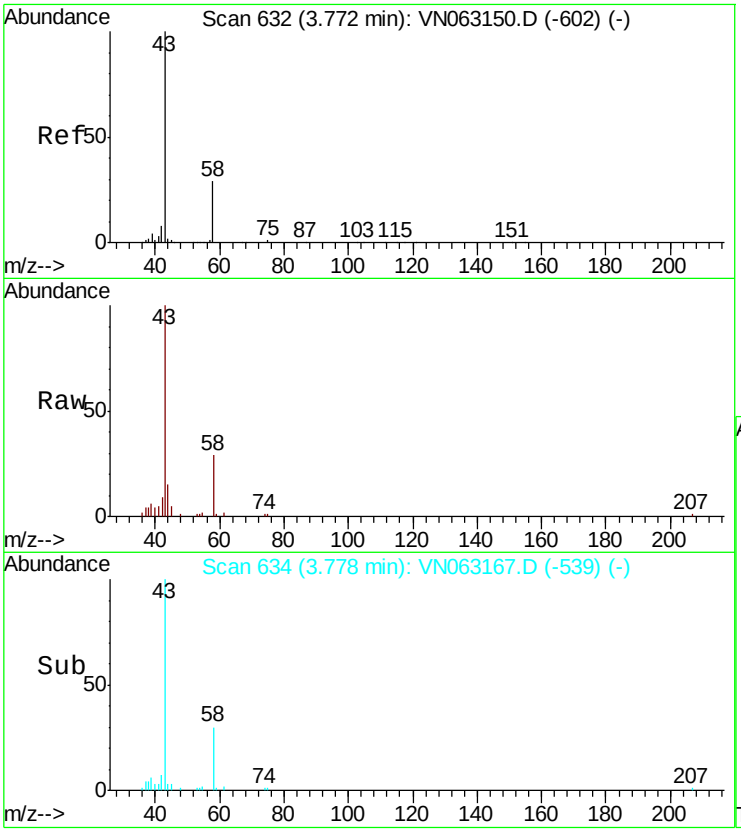


#15
Acrylonitrile
Concen: 2.434 ug/l
RT: 4.91 min Scan# 987
Delta R.T. -0.02 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 53 Resp: 61

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.2	100.8#
51	49.2	30.2	45.4#



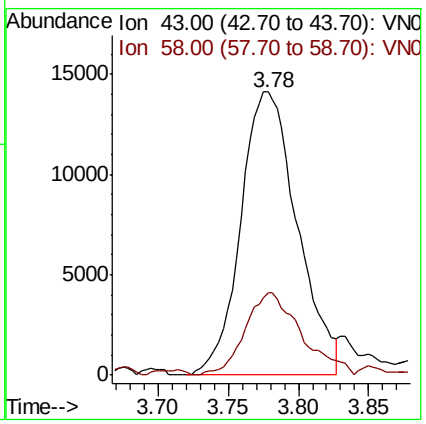


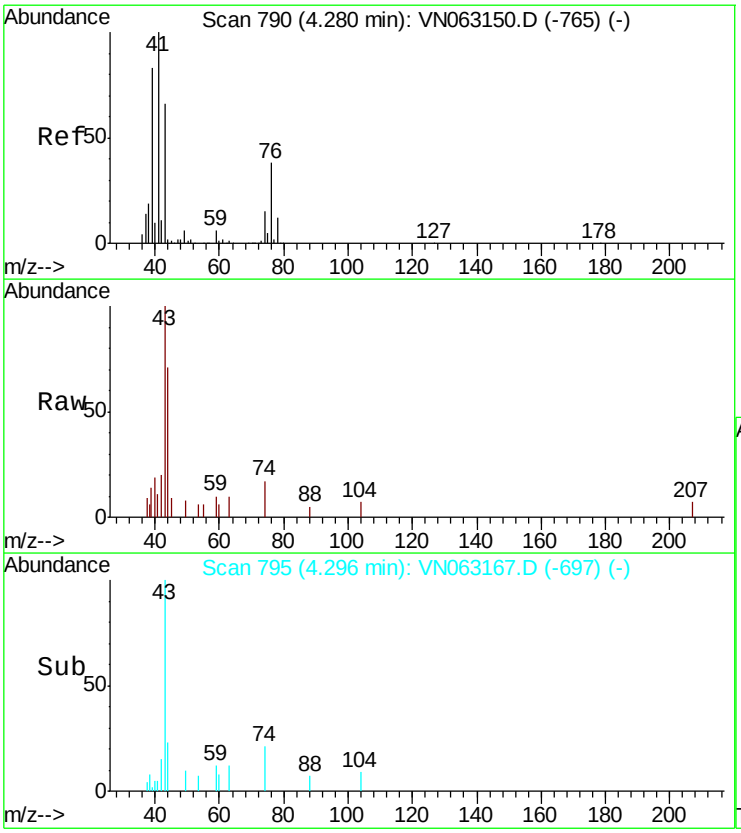
#16
Acetone
Concen: 24.021 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 39553

Ion	Ratio	Lower	Upper
43	100		
58	28.1	23.1	34.7

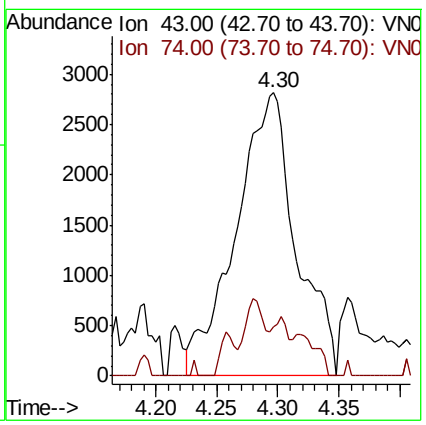


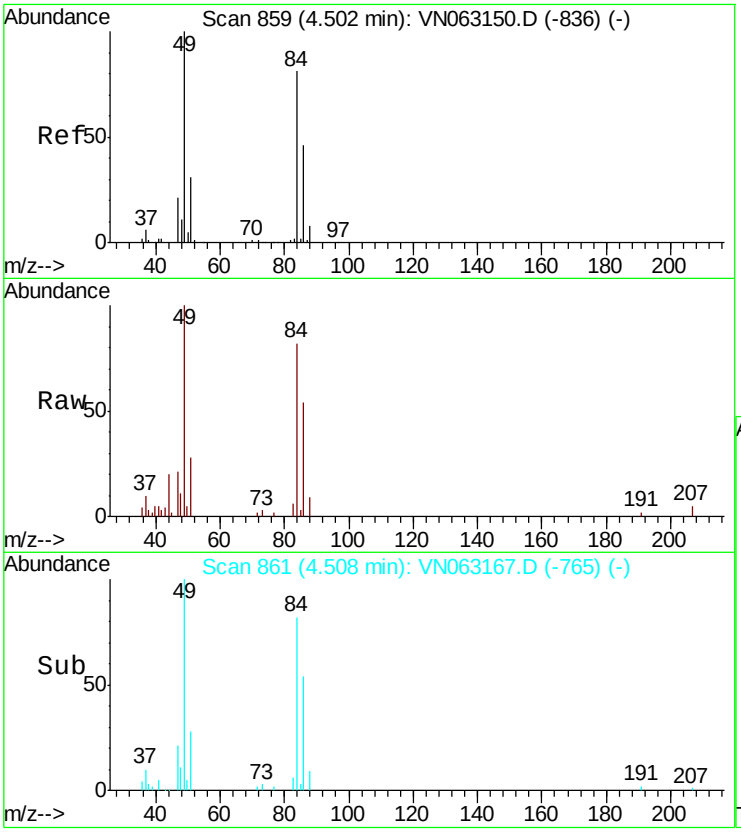


#18
Methyl Acetate
Concen: 2.286 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 43 Resp: 9650

Ion	Ratio	Lower	Upper
43	100		
74	1.8	19.0	28.6#



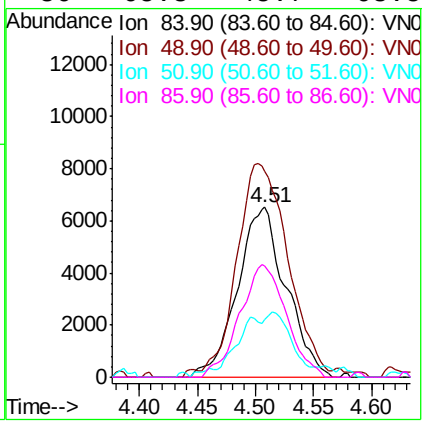


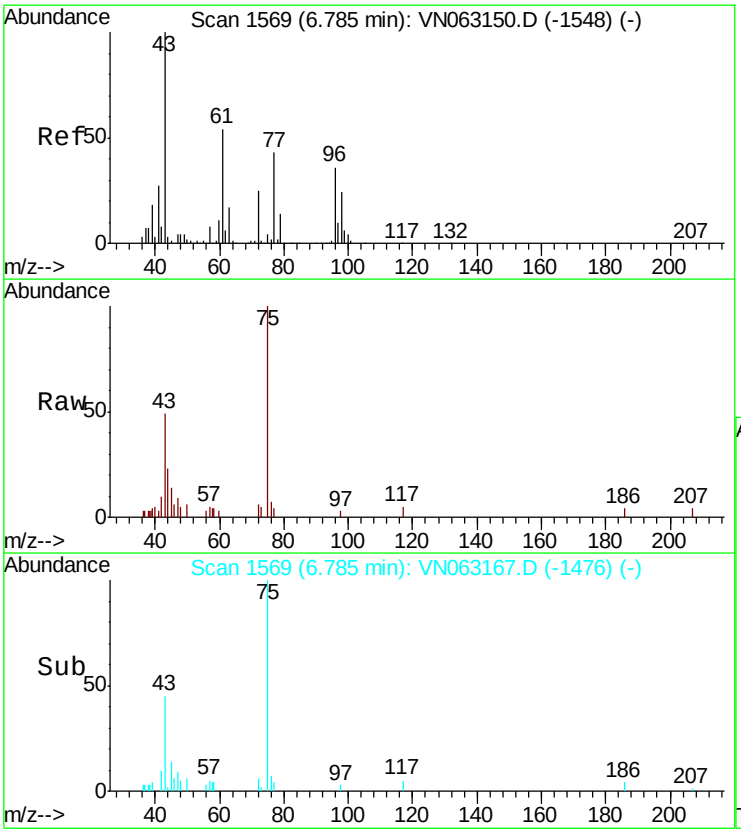
#20
Methylene Chloride
Concen: 3.645 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 18986

Ion	Ratio	Lower	Upper
84	100		
49	117.9	98.4	147.6
51	30.6	30.4	45.6
86	65.8	45.7	68.5

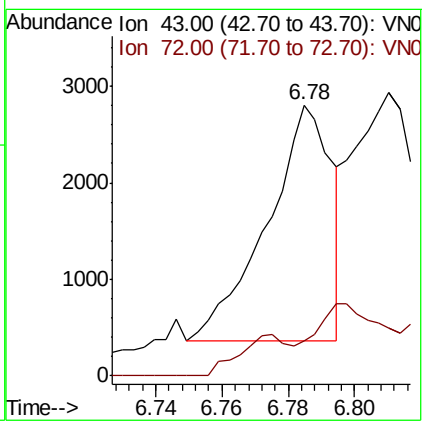


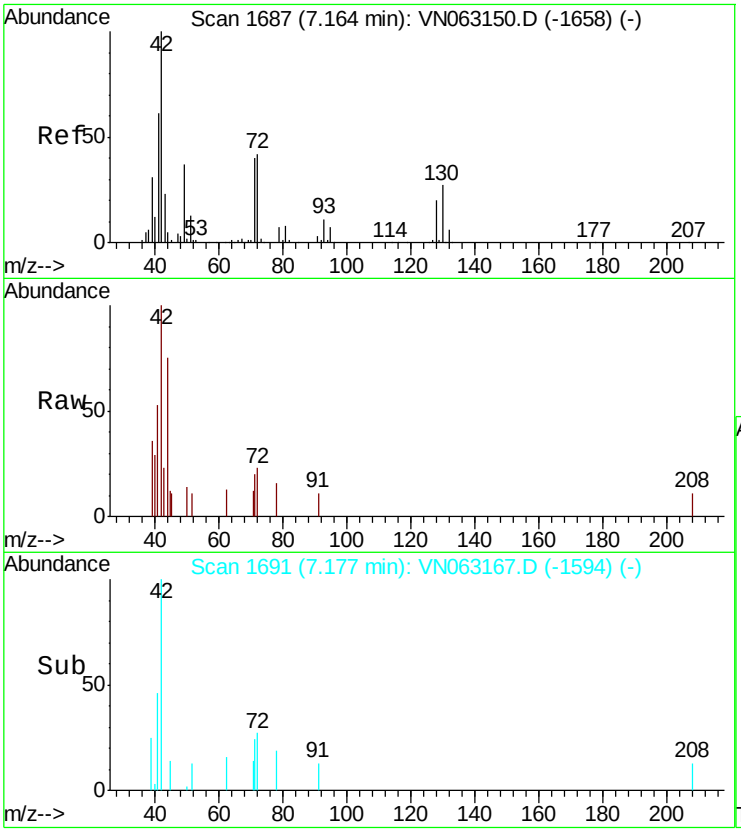


#25
2-Butanone
Concen: 1.303 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 43 Resp: 3321

Ion	Ratio	Lower	Upper
43	100		
72	15.1	20.2	30.4#



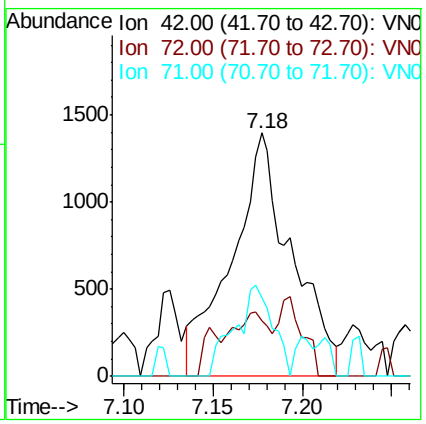


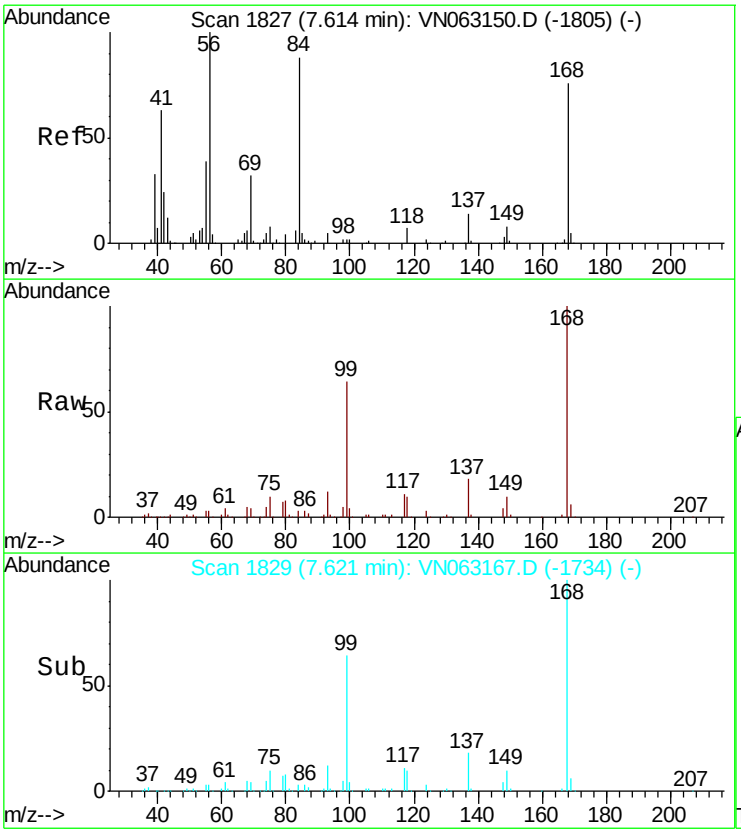
#29
Tetrahydrofuran
Concen: 1.851 ug/l
RT: 7.18 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 3263

Ion	Ratio	Lower	Upper
42	100		
72	15.8	33.9	50.9#
71	23.7	31.9	47.9#

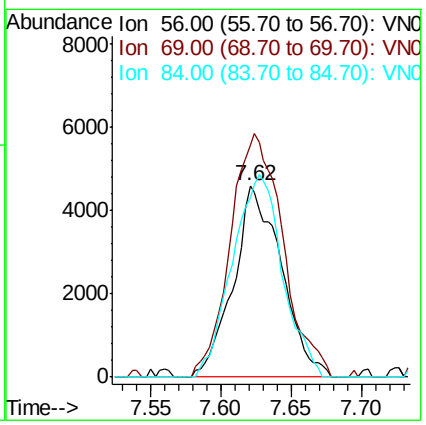


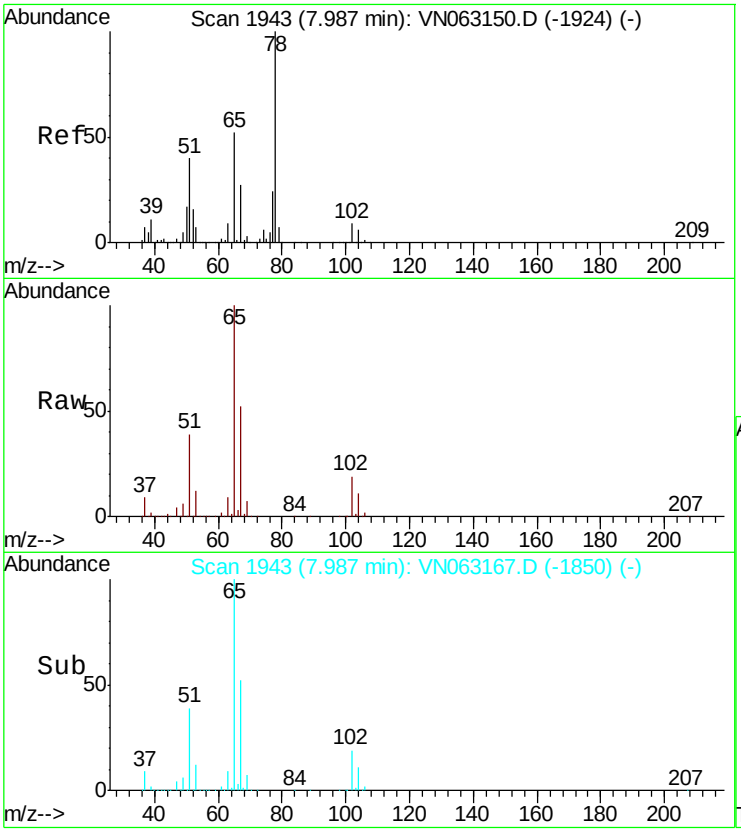


#31
Cyclohexane
Concen: Below Cal
RT: 7.62 min Scan# 1829
Delta R.T. 0.01 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 56 Resp: 10963

Ion	Ratio	Lower	Upper
56	100		
69	121.3	25.4	38.0#
84	93.5	70.2	105.4



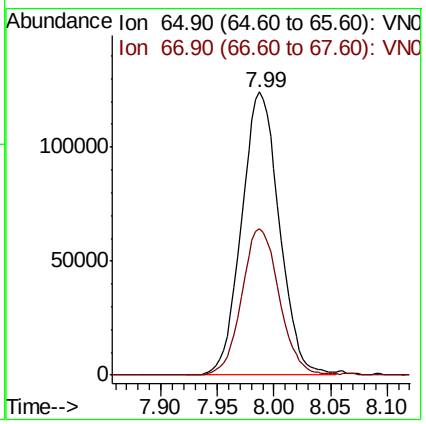


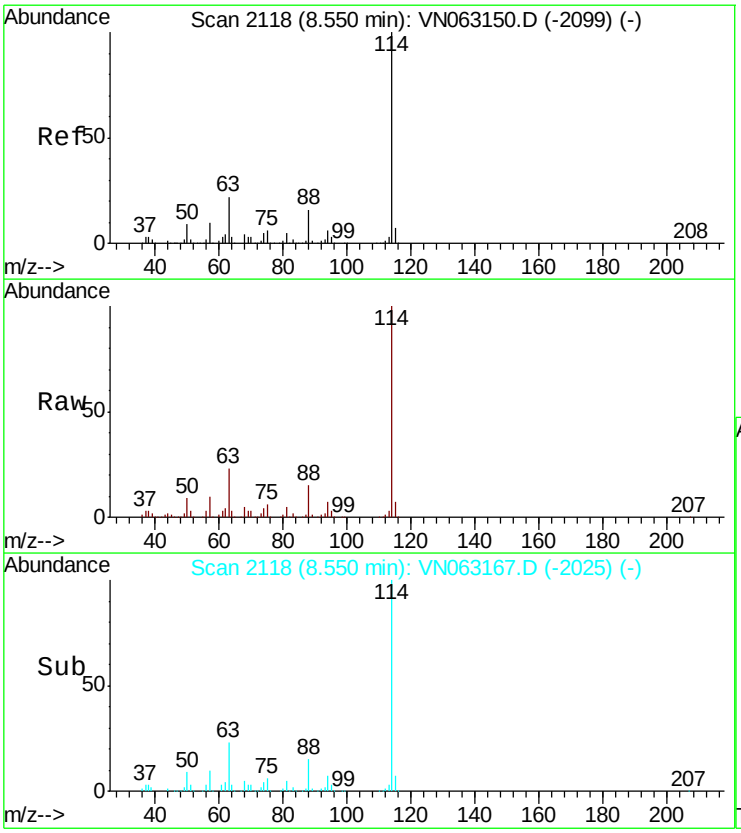
#33
1,2-Dichloroethane-d4
Concen: 49.756 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 288205

Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	104.4

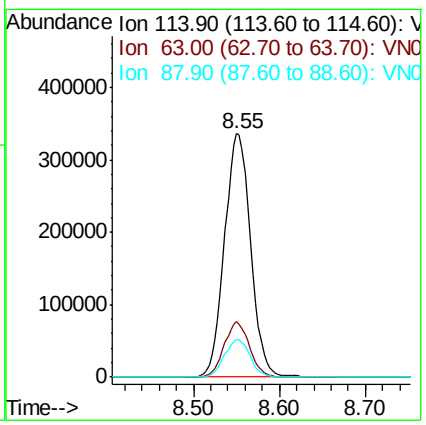


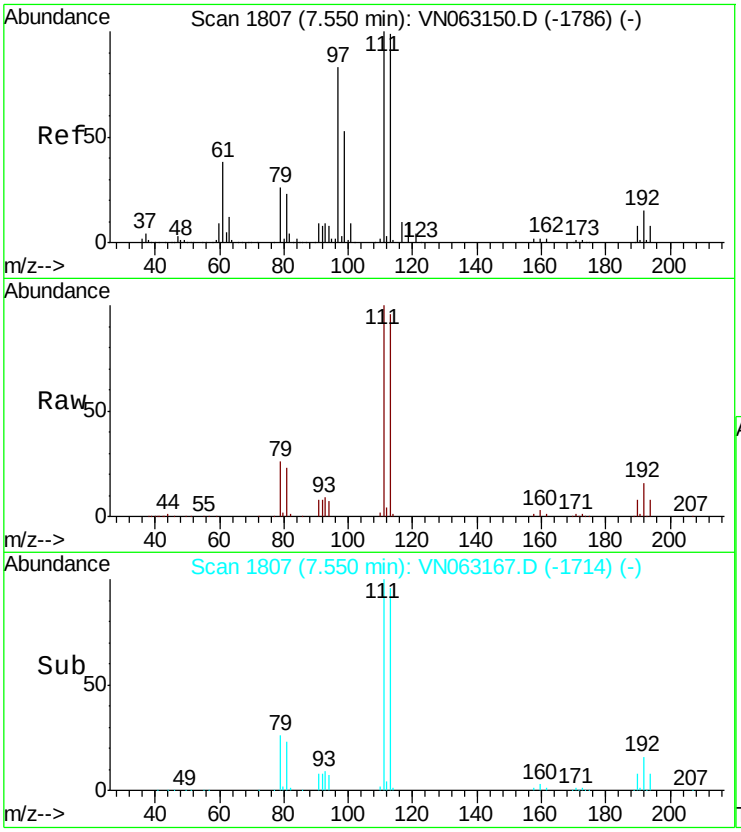


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion:114 Resp: 709678

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.0
88	15.2	0.0	31.6



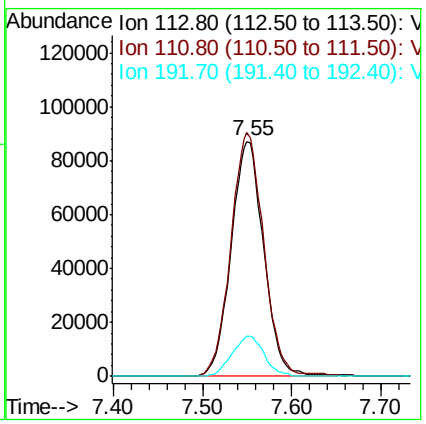


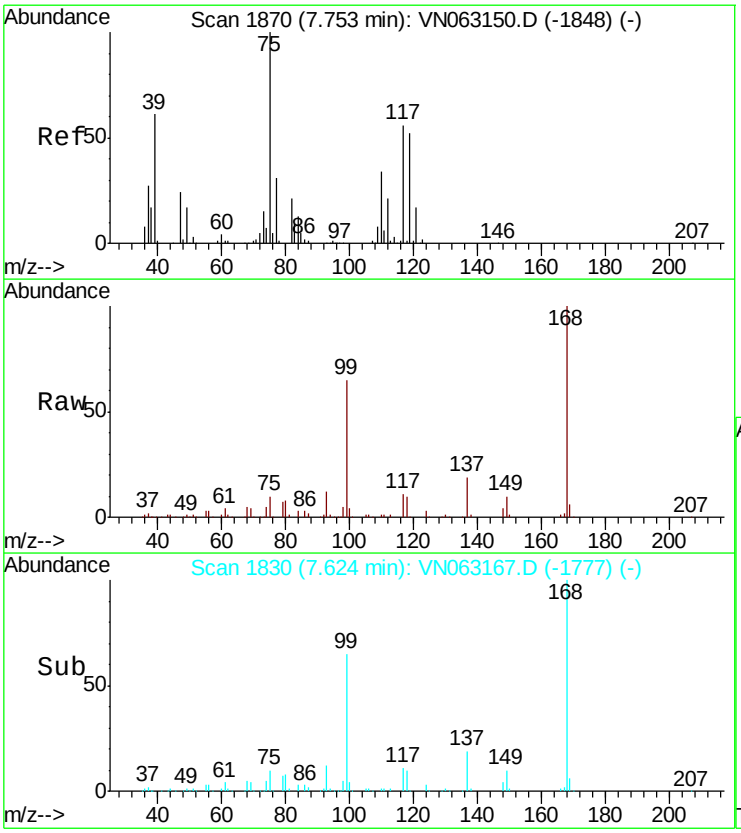
#35
Dibromofluoromethane
Concen: 48.550 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 221045

Ion	Ratio	Lower	Upper
113	100		
111	103.3	80.7	121.1
192	16.9	12.6	19.0

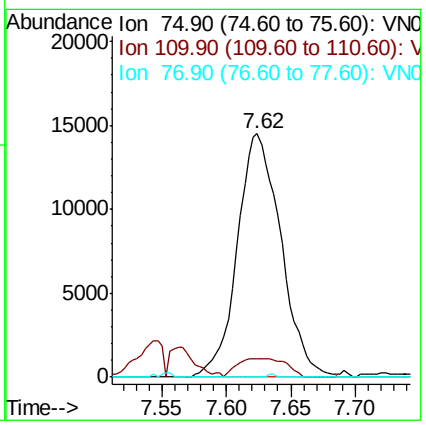


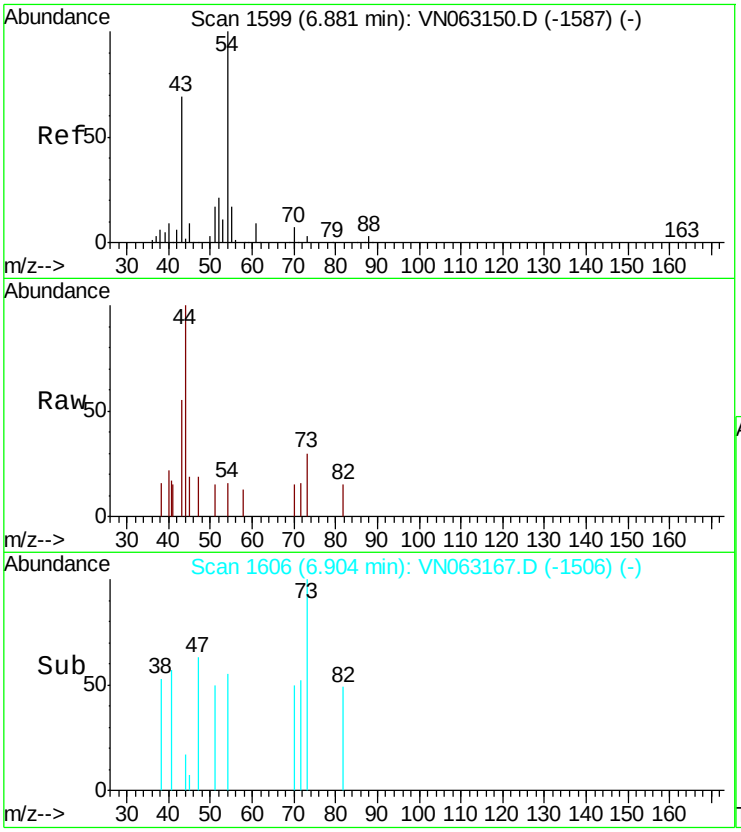


#36
1,1-Dichloropropene
Concen: 5.004 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 75 Resp: 34138

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.6	49.8#
77	0.2	25.4	38.2#



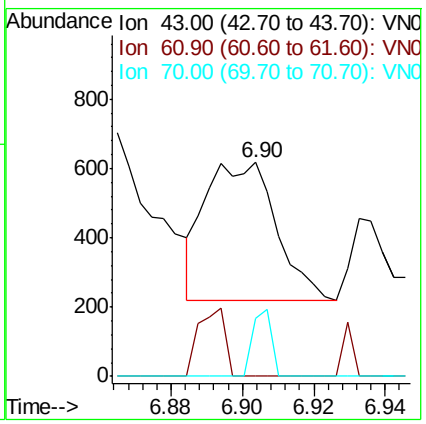


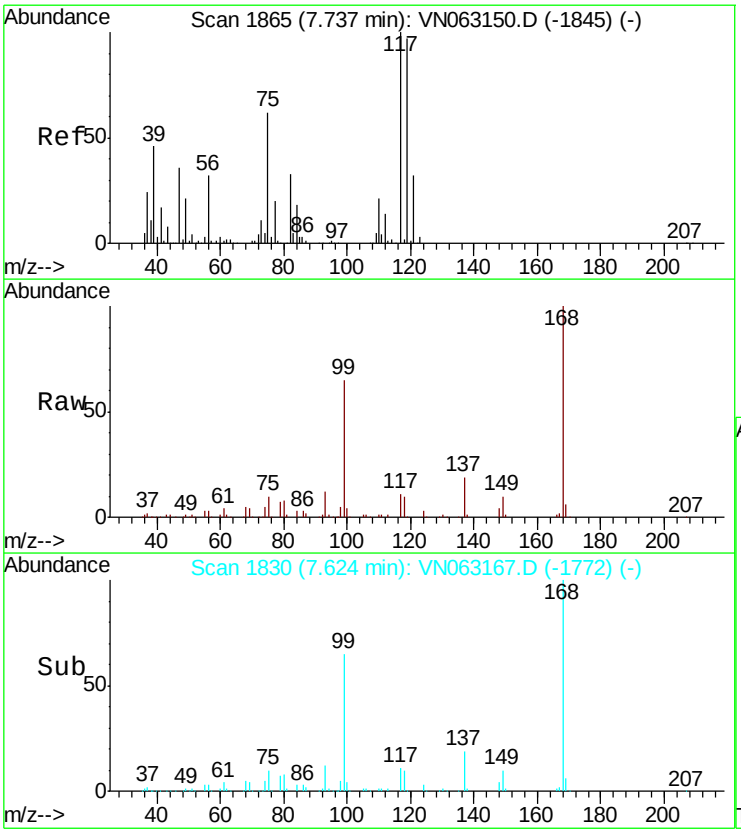
#37
Ethyl Acetate
Concen: 0.464 ug/l
RT: 6.90 min Scan# 1606
Delta R.T. 0.02 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 544

Ion	Ratio	Lower	Upper
43	100		
61	18.6	10.2	15.4#
70	12.7	3.0	4.6#

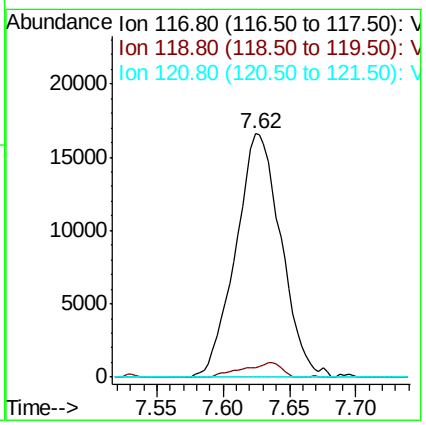


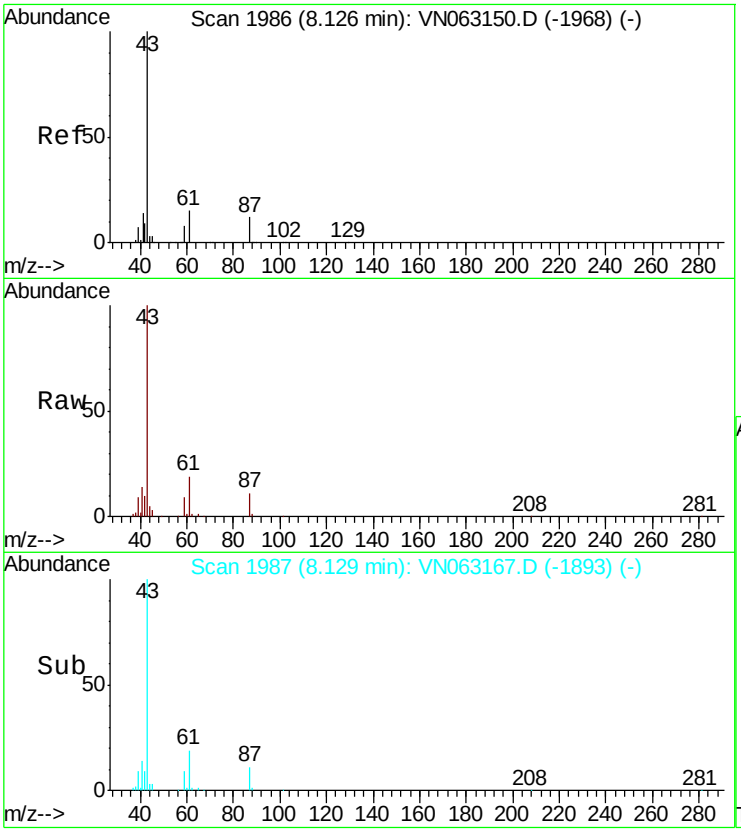


#38
Carbon Tetrachloride
Concen: 5.715 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion:117 Resp: 39544

Ion	Ratio	Lower	Upper
117	100		
119	3.9	77.2	115.8#
121	0.0	25.6	38.4#



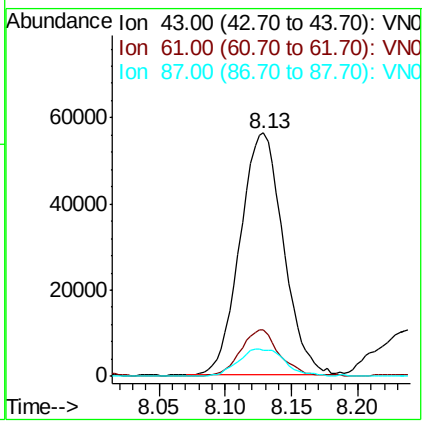


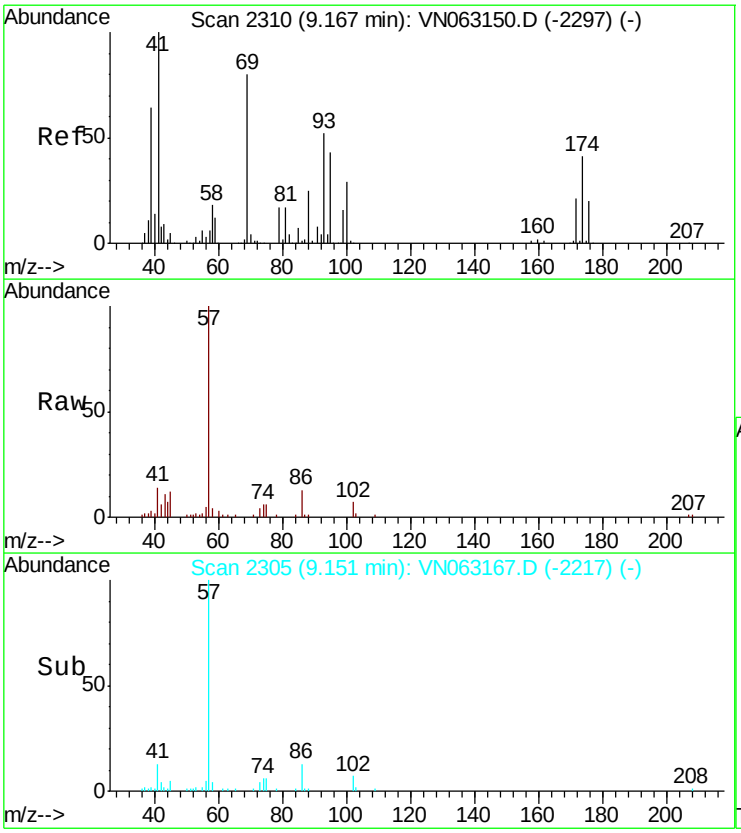
#43
Isopropyl Acetate
Concen: 11.506 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 128021

Ion	Ratio	Lower	Upper
43	100		
61	17.6	20.2	30.4#
87	12.2	9.8	14.6

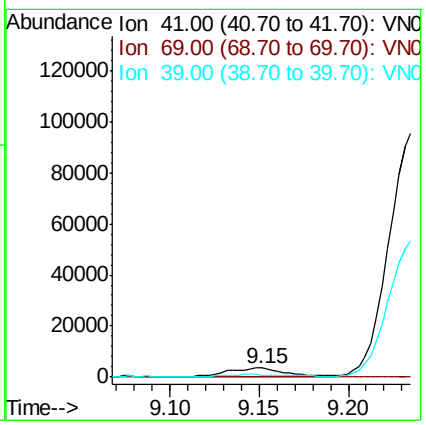


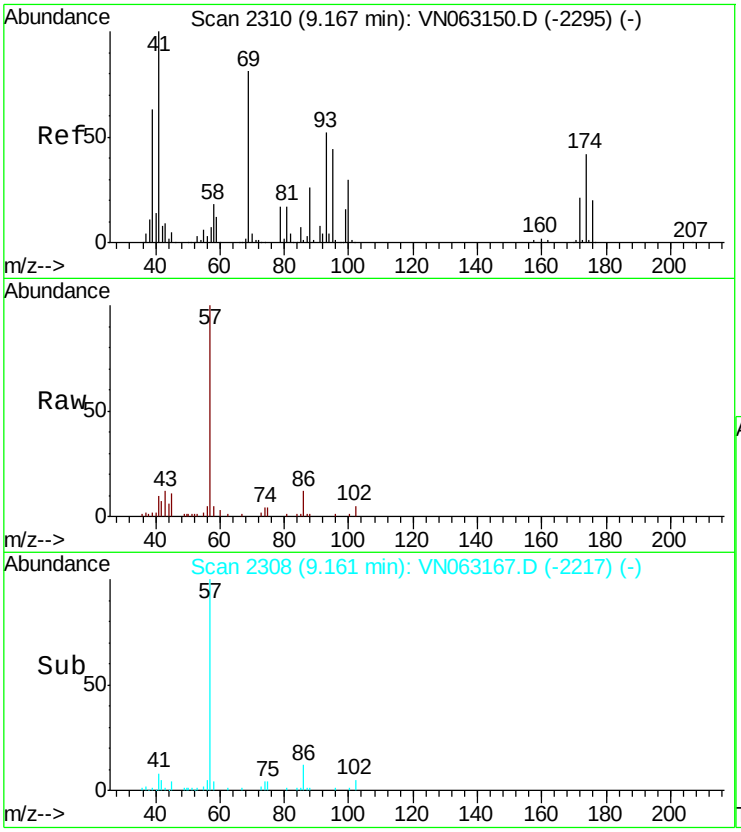


#48
Methyl methacrylate
Concen: 1.553 ug/l
RT: 9.15 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 41 Resp: 7790

Ion	Ratio	Lower	Upper
41	100		
69	0.9	65.9	98.9#
39	0.0	52.0	78.0#



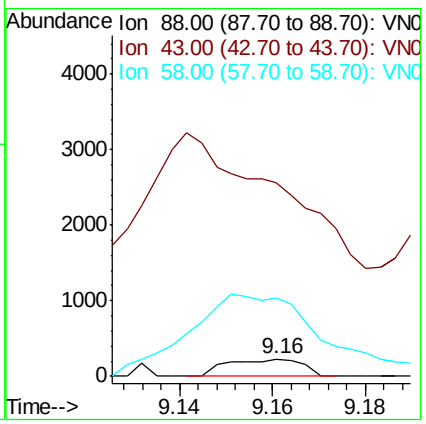


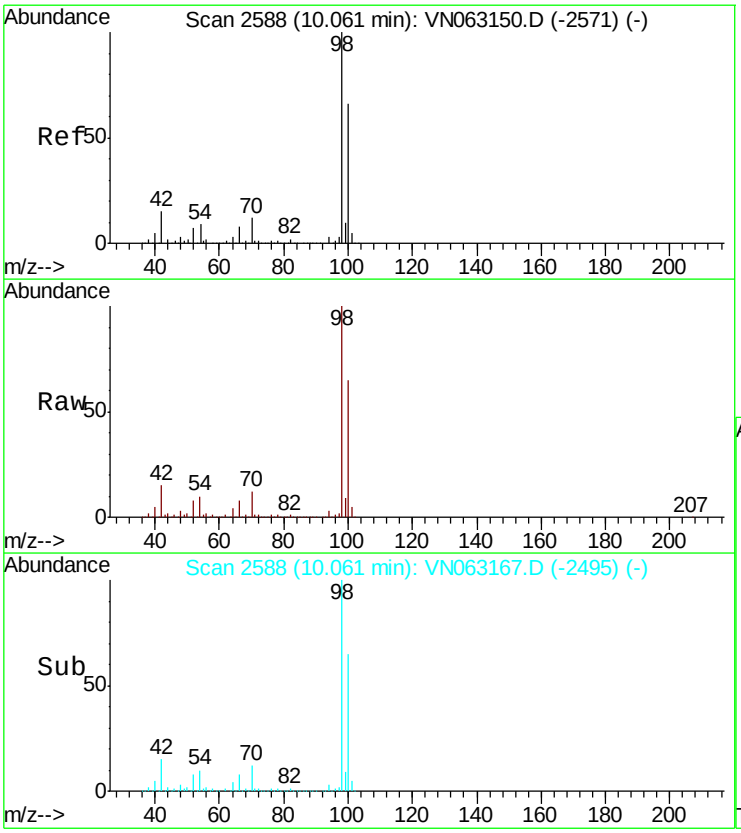
#49
1,4-Dioxane
Concen: 3.274 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 254

Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	42.8#
58	858.3	53.2	79.8#

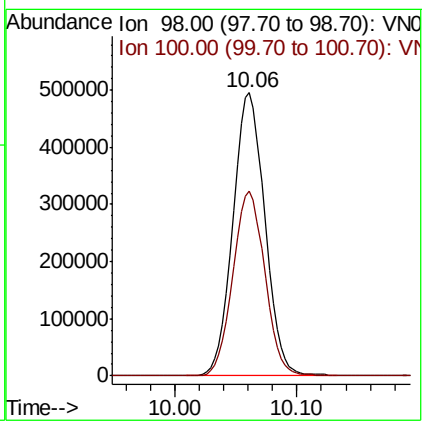


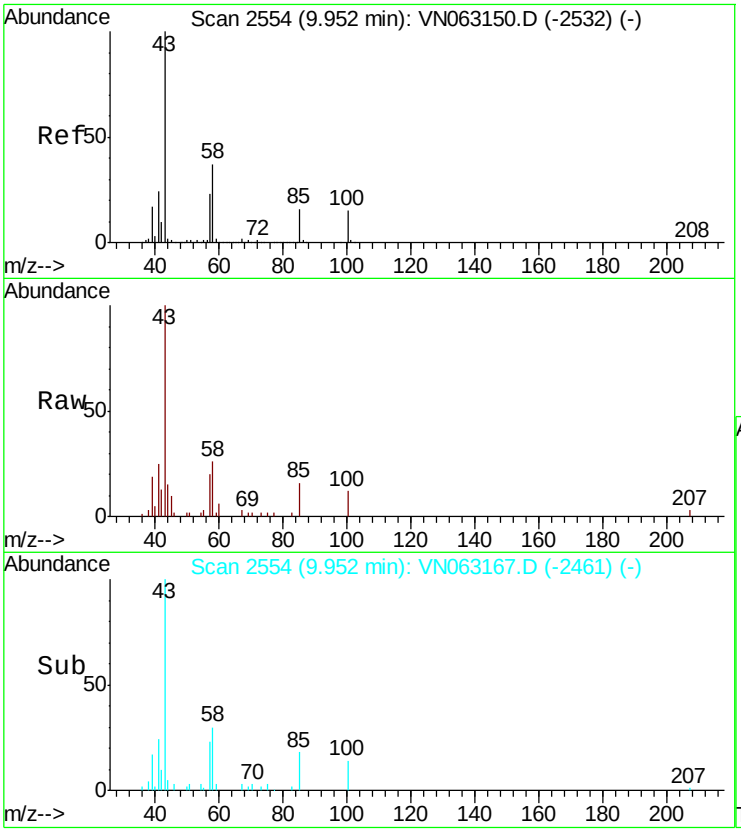


#50
Toluene-d8
Concen: 51.231 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 98 Resp: 897797

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.0	78.0



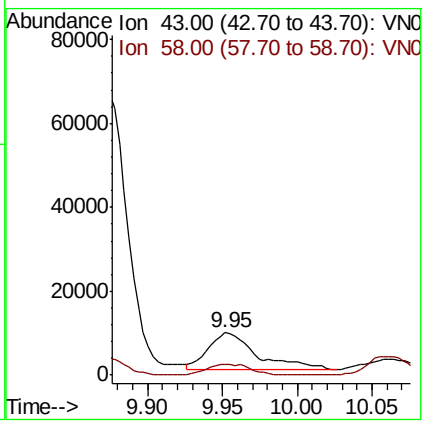


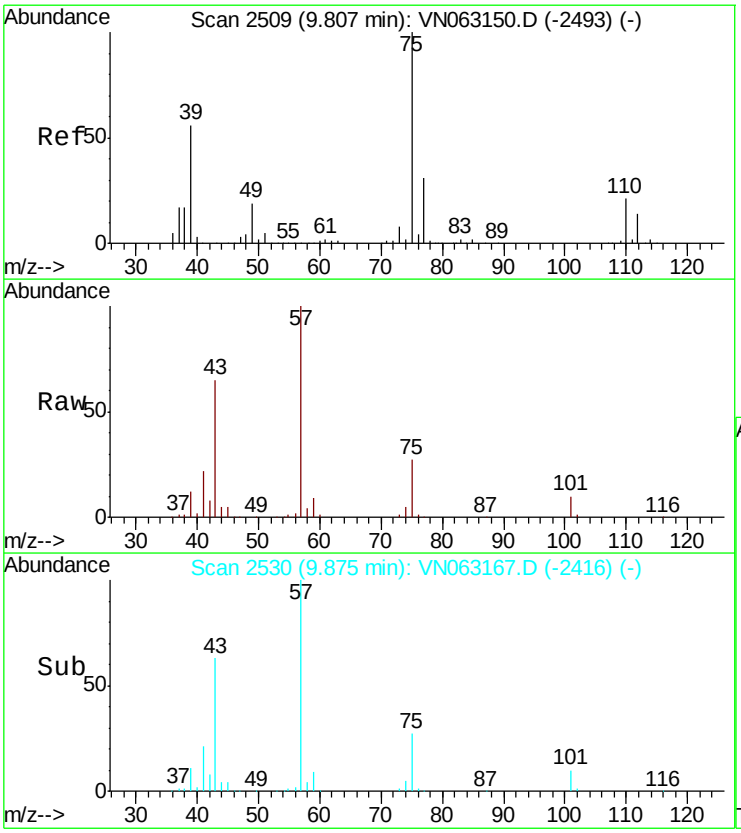
#51
4-Methyl-2-Pentanone
Concen: 3.432 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 20748

Ion	Ratio	Lower	Upper
43	100		
58	26.1	29.2	43.8#

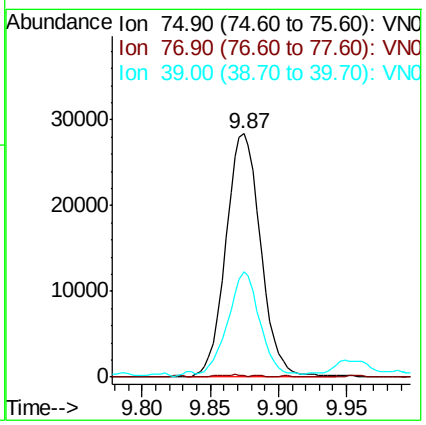


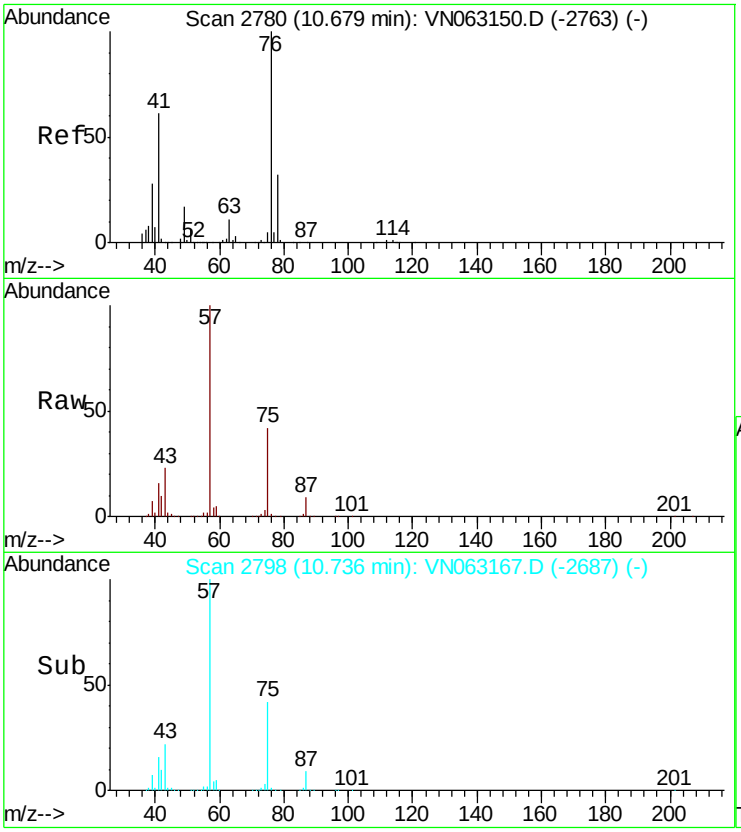


#54
cis-1,3-Dichloropropene
Concen: 5.832 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 75 Resp: 50491

Ion	Ratio	Lower	Upper
75	100		
77	0.6	24.8	37.2#
39	41.0	45.0	67.6#



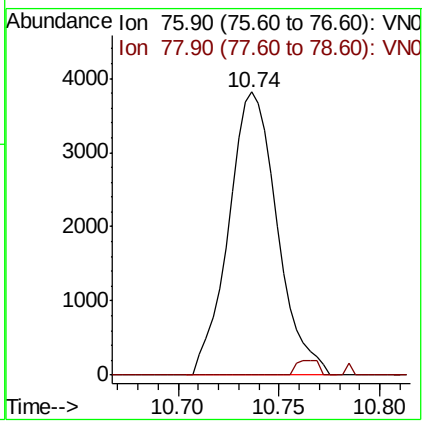


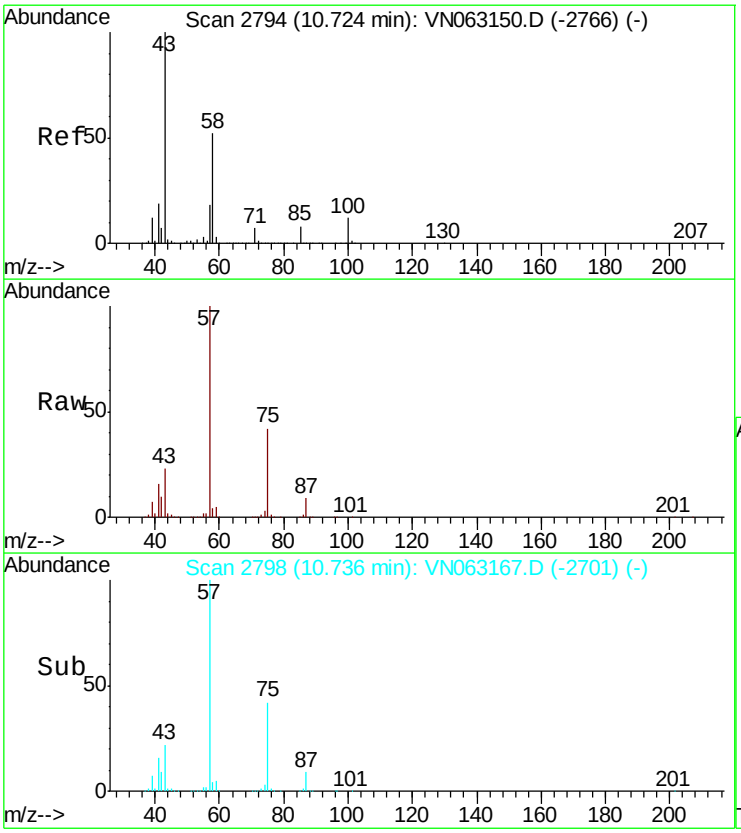
#57
1,3-Dichloropropane
Concen: 0.756 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 6439

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#

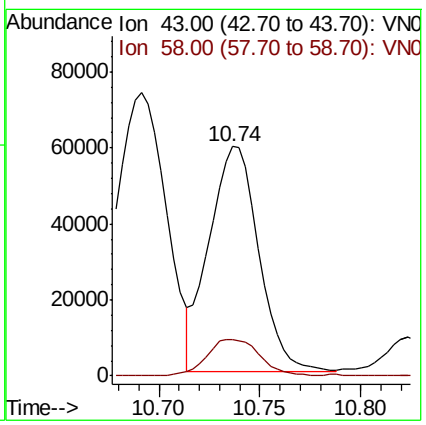


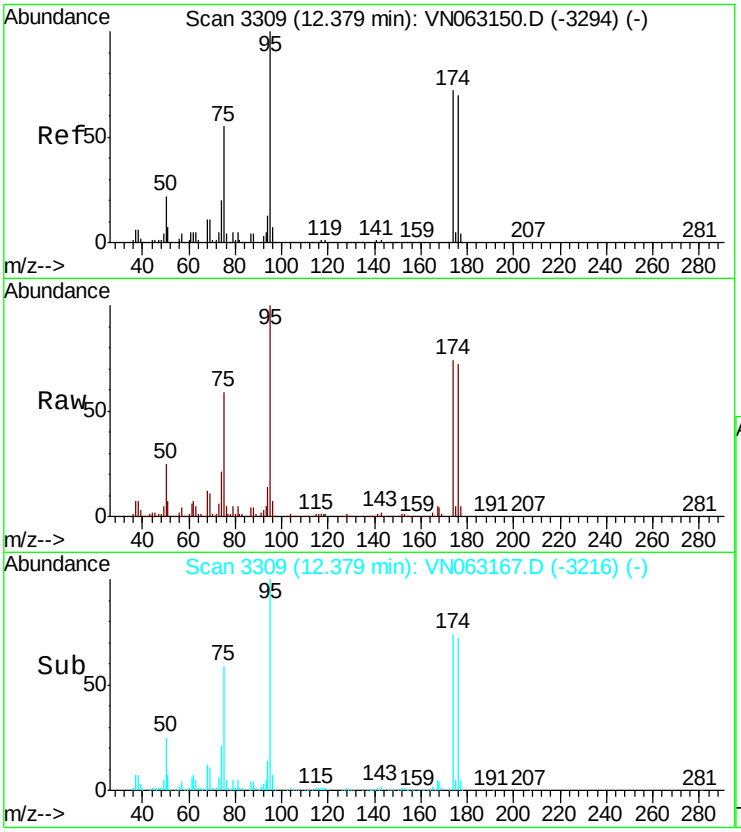


#59
2-Hexanone
Concen: 24.005 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 43 Resp: 102001

Ion	Ratio	Lower	Upper
43	100		
58	17.3	25.9	77.8#



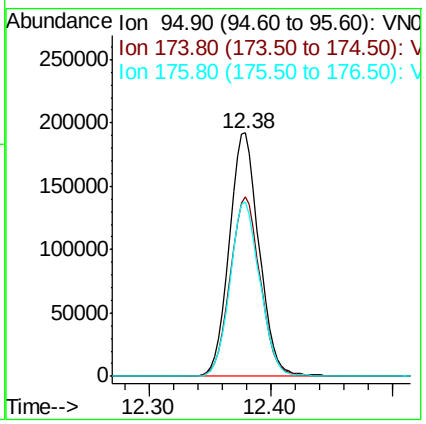


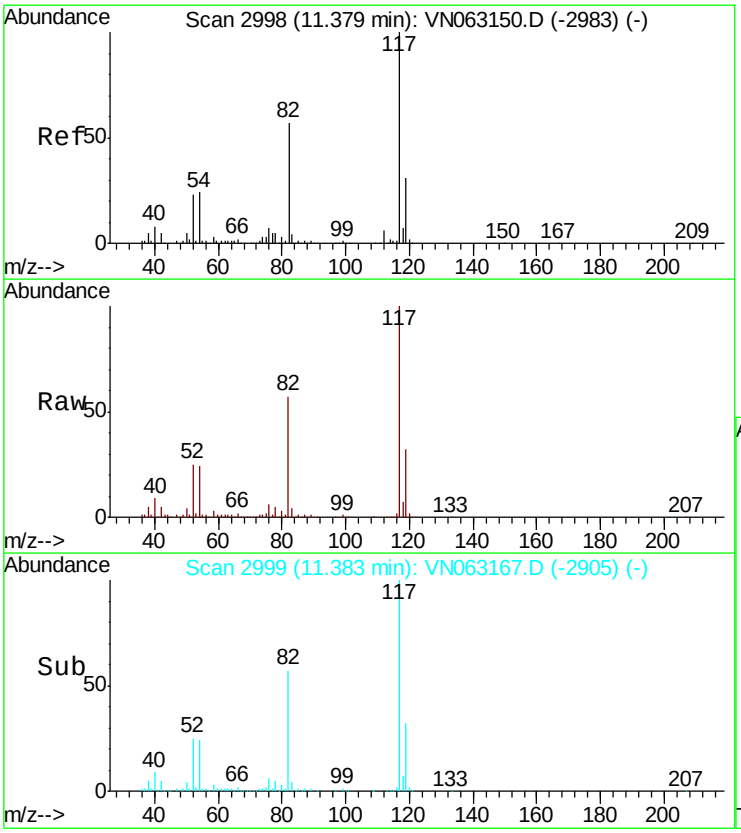
#62
4-Bromofluorobenzene
Concen: 53.348 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. -0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 327030

Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	143.8
176	71.7	0.0	138.4

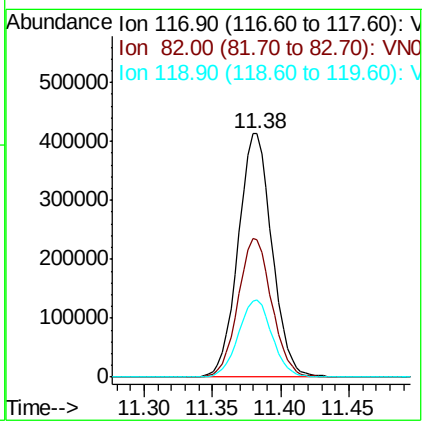


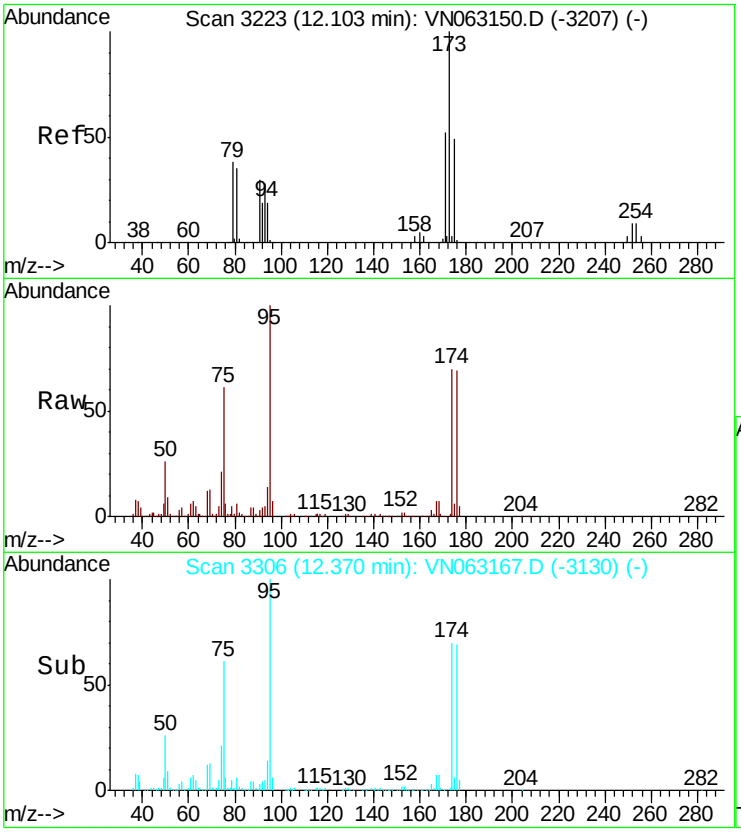


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion:117 Resp: 711170

Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.4	68.0
119	31.8	24.6	37.0



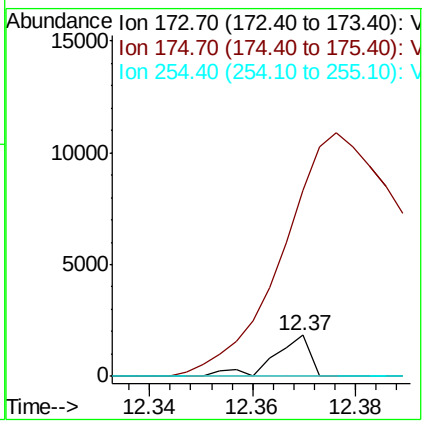


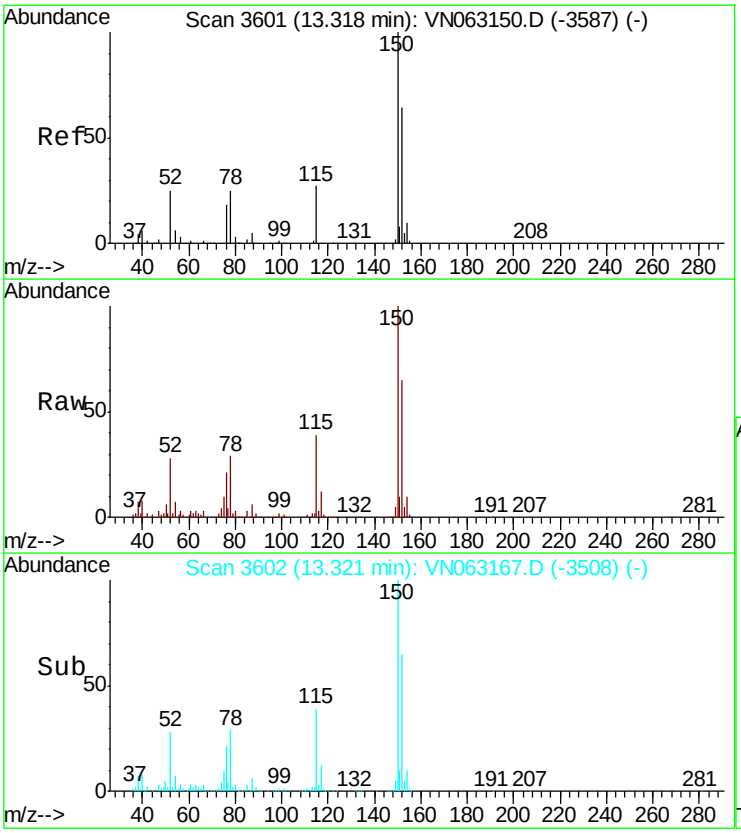
#71
Bromoform
Concen: 0.241 ug/l
RT: 12.37 min Scan# 3306
Delta R.T. 0.27 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 869

Ion	Ratio	Lower	Upper
173	100		
175	1788.4	24.6	73.8#
254	0.0	0.0	0.0

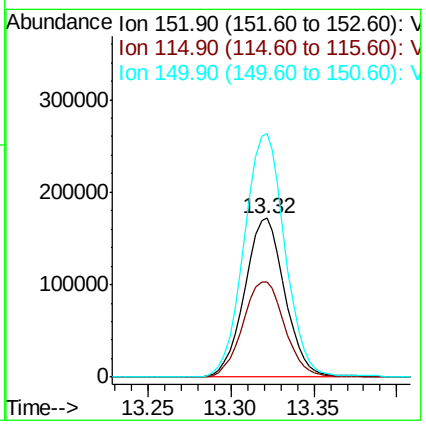


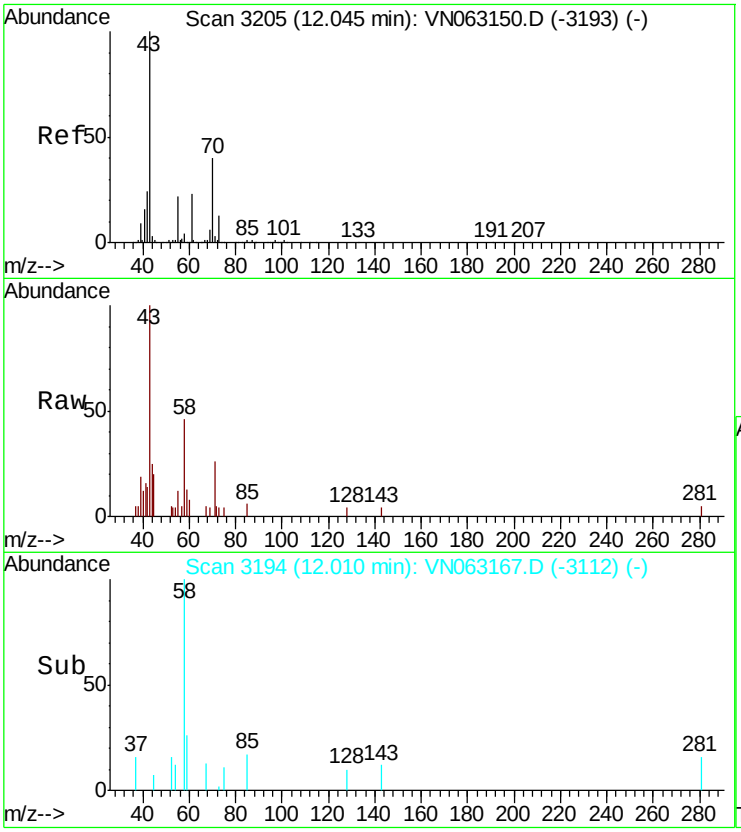


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion:152 Resp: 288107

Ion	Ratio	Lower	Upper
152	100		
115	62.6	32.0	96.2
150	156.2	0.0	353.0



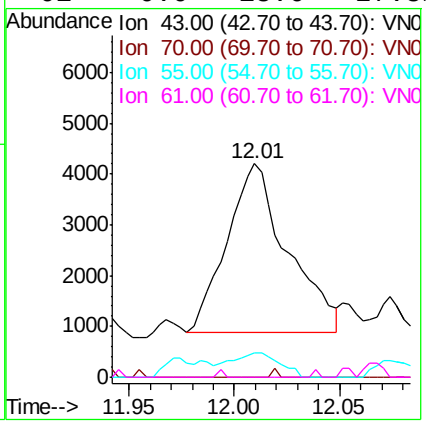


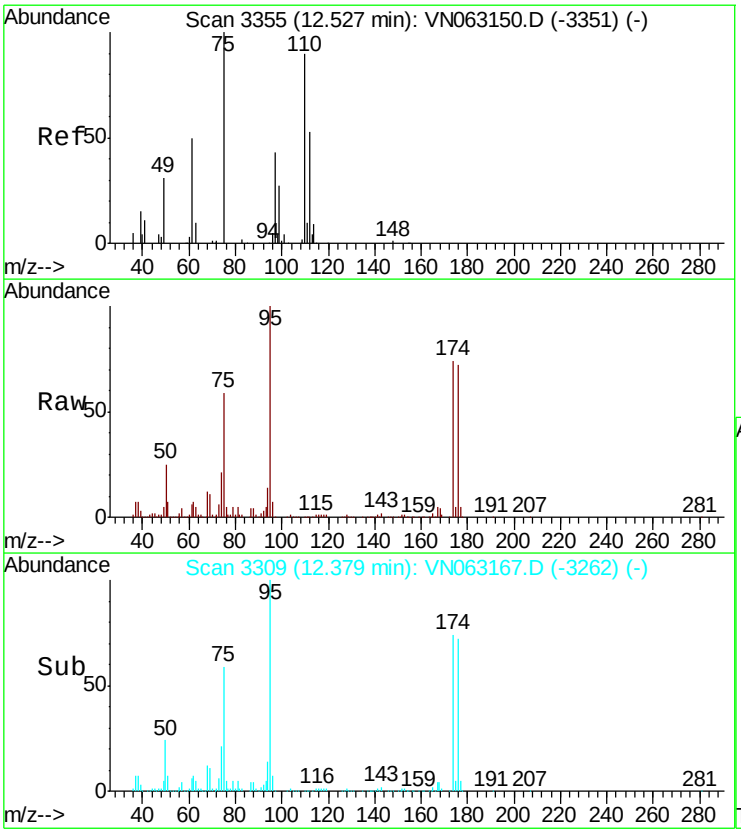
#74
N-amyl acetate
Concen: 0.725 ug/l
RT: 12.01 min Scan# 3194
Delta R.T. -0.04 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 6632

Ion	Ratio	Lower	Upper
43	100		
70	0.5	32.1	48.1#
55	11.8	17.4	26.0#
61	0.0	18.6	27.8#

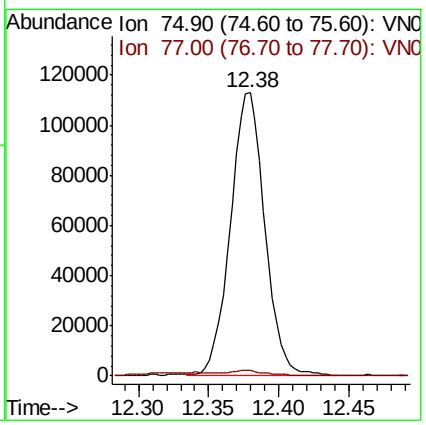


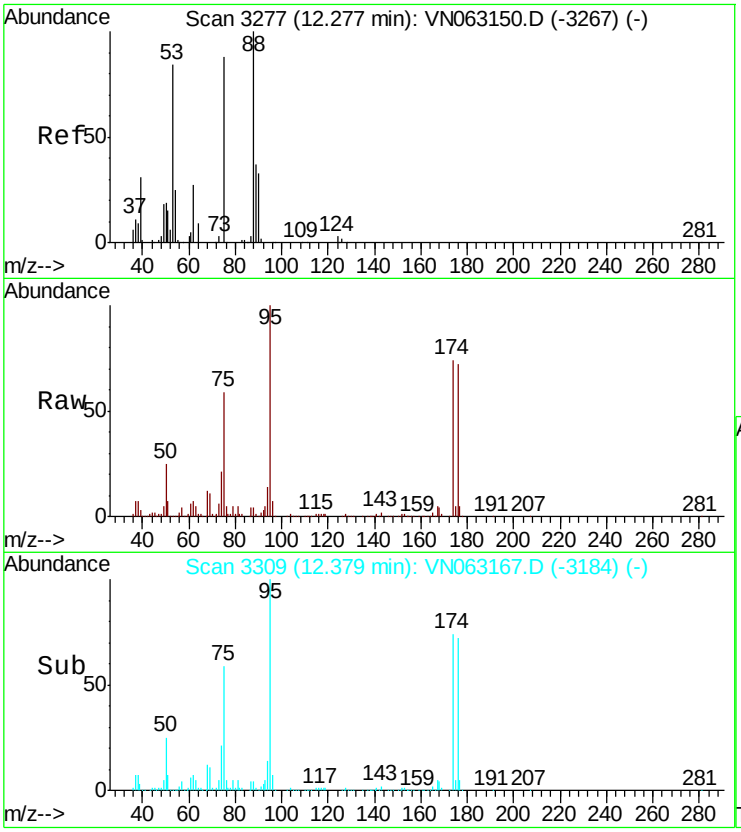


#76
1,2,3-Trichloropropane
Concen: 33.846 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. -0.15 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion: 75 Resp: 191593

Ion	Ratio	Lower	Upper
75	100		
77	1.9	0.0	0.0#



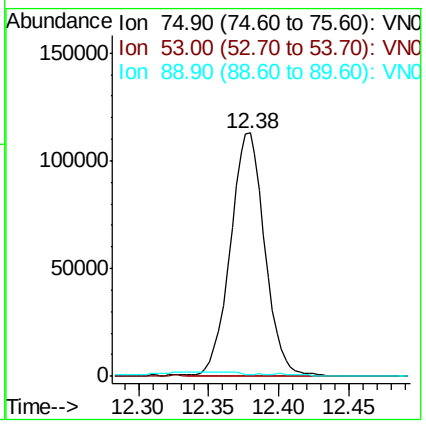


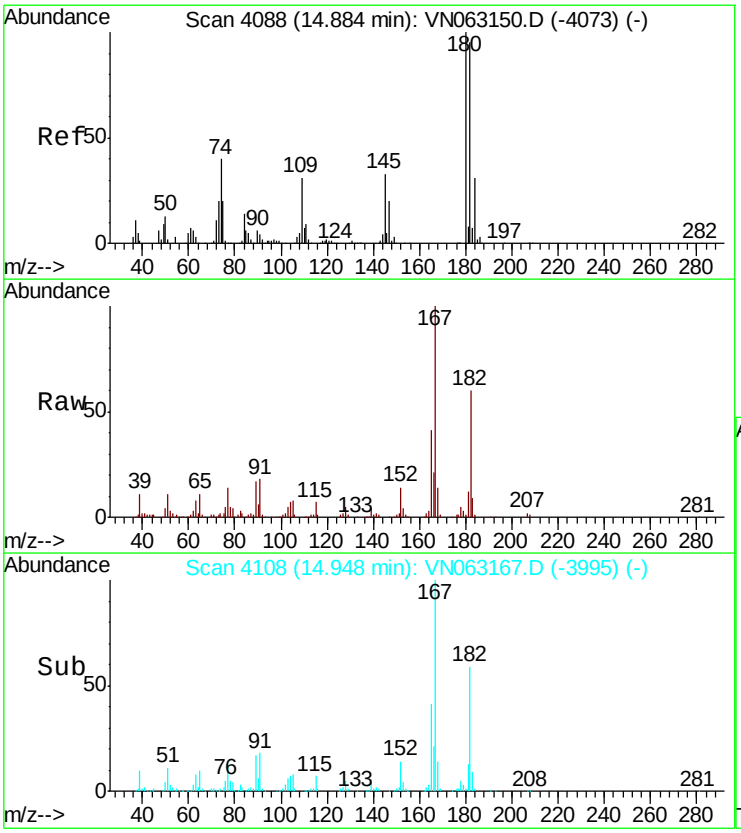
#81
trans-1,4-Dichloro-2-butene
Concen: 81.806 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.10 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 191593

Ion	Ratio	Lower	Upper
75	100		
53	0.2	78.7	118.1#
89	0.0	35.3	52.9#





#93
1,2,4-Trichlorobenzene
Concen: 0.645 ug/l
RT: 14.95 min Scan# 4108
Delta R.T. 0.06 min
Lab File: VN063167.D
Acq: 1 Sep 2020 20:05

Tgt Ion:180 Resp: 3208

Ion	Ratio	Lower	Upper
180	100		
182	4514.7	47.5	142.5#
145	0.0	16.6	49.8#