Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090120\
Data File : VN063169.D
Acq On : 1 Sep 2020 20:53
Operator : JC/MD
Sample : L3851-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Sep 02 04:06:18 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	367471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	714666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	719346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	291445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	287036	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.56%			
35) Dibromofluoromethane	7.55	113	222036	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.86%			
50) Toluene-d8	10.06	98	915144	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.72%			
62) 4-Bromofluorobenzene	12.38	95	328891	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.56%			
Target Compounds						Qvalue
3) Chloromethane	2.04	50	2982	0.566	ug/l #	88
5) Bromomethane	2.55	94	1728	0.353	ug/l #	49
7) Trichlorofluoromethane	2.96	101	62	Below Cal		98
8) Diethyl Ether	3.38	74	2744	0.985	ug/l	83
11) Tert butyl alcohol	4.72	59	1307	1.773	ug/l #	94
13) Acrolein	3.57	56	373	17.014	ug/l #	75
15) Acrylonitrile	4.94	53	136	2.469	ug/l #	26
16) Acetone	3.78	43	47536	27.837	ug/l	94
18) Methyl Acetate	4.28	43	3381	0.772	ug/l #	84
20) Methylene Chloride	4.51	84	17595	3.204	ug/l	98
25) 2-Butanone	6.80	43	7098	2.684	ug/l	93
29) Tetrahydrofuran	7.17	42	2045	1.119	ug/l #	75
31) Cyclohexane	7.63	56	10823	Below Cal	#	51
36) 1,1-Dichloropropene	7.63	75	33906	4.935	ug/l #	51
37) Ethyl Acetate	6.89	43	553	0.465	ug/l #	68
38) Carbon Tetrachloride	7.62	117	40000	5.741	ug/l #	16
43) Isopropyl Acetate	8.13	43	124504	11.112	ug/l #	89
48) Methyl methacrylate	9.14	41	5708	1.130	ug/l #	13
49) 1,4-Dioxane	9.17	88	32	0.410	ug/l #	25
51) 4-Methyl-2-Pentanone	9.96	43	15650	2.570	ug/l	91
54) cis-1,3-Dichloropropene	9.87	75	50424	5.784	ug/l #	65
57) 1,3-Dichloropropane	10.74	76	5713	0.666	ug/l #	43
59) 2-Hexanone	10.74	43	81411	19.025	ug/l #	54
74) N-amyl acetate	12.01	43	3581	0.387	ug/l #	54
76) 1,2,3-Trichloropropane	12.38	75	185053	32.316	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	185053	78.108	ug/l #	10

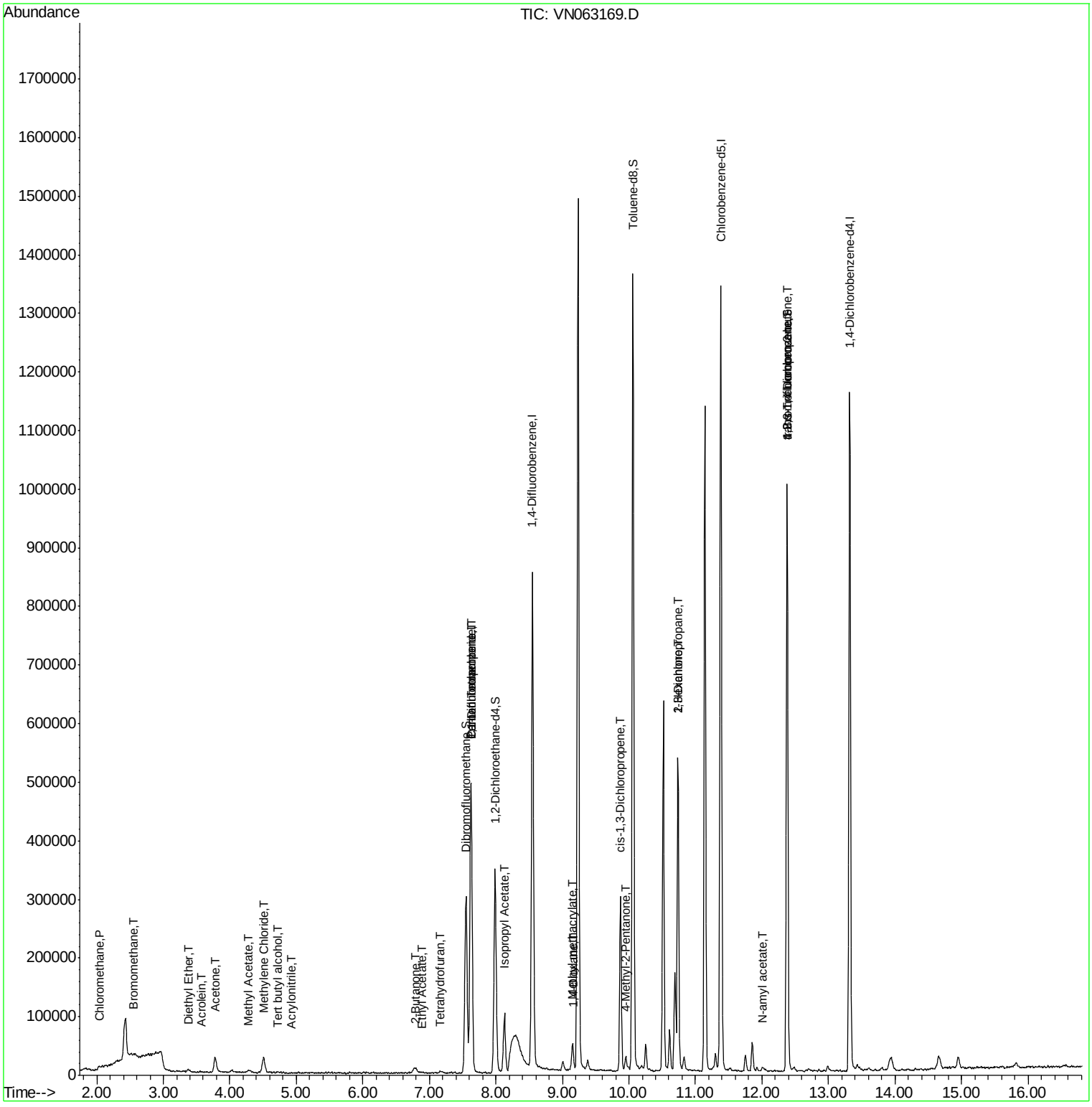
(#) = qualifier out of range (m) = manual integration (+) = signals summed

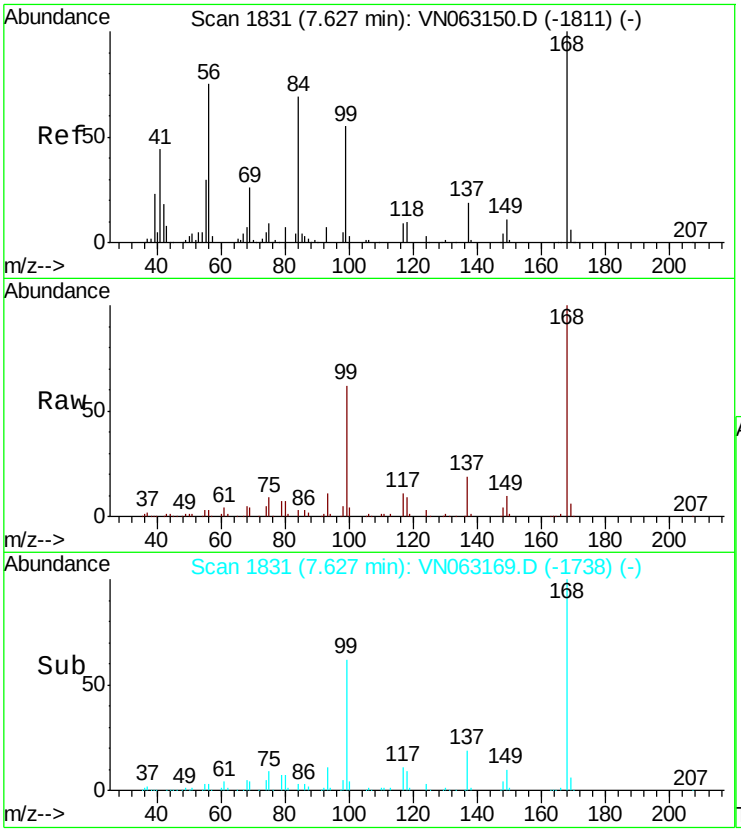
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090120\
Data File : VN063169.D
Acq On : 1 Sep 2020 20:53
Operator : JC/MD
Sample : L3851-09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 02 04:06:18 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



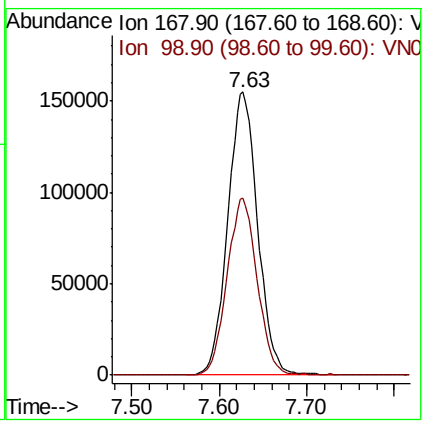


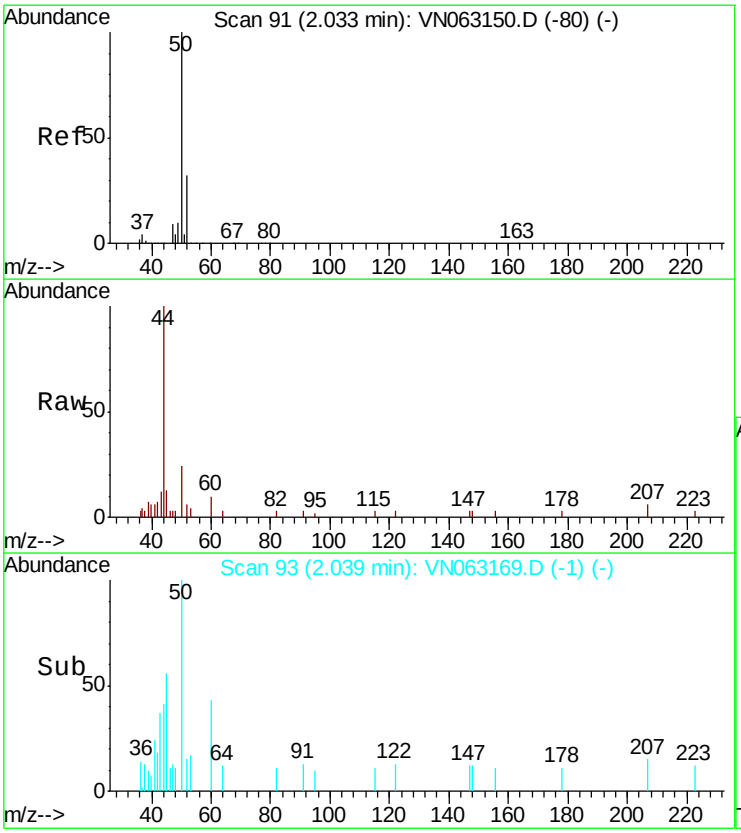
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 367471

Ion	Ratio	Lower	Upper
168	100		
99	62.5	54.2	81.2

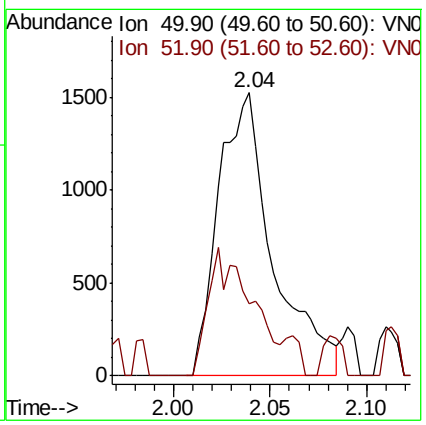


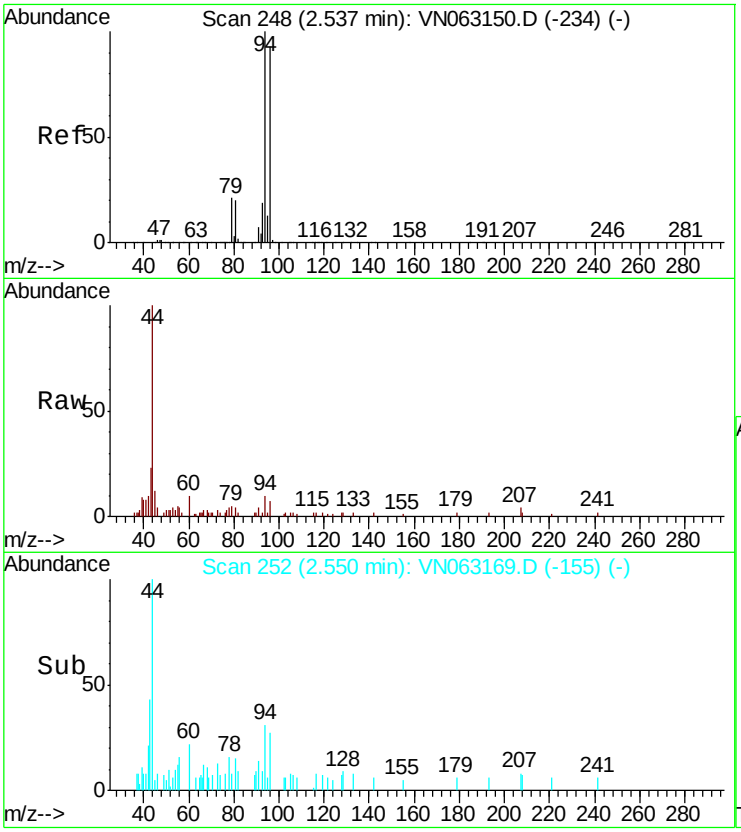


#3
Chloromethane
Concen: 0.566 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 50 Resp: 2982

Ion	Ratio	Lower	Upper
50	100		
52	25.6	25.8	38.6#



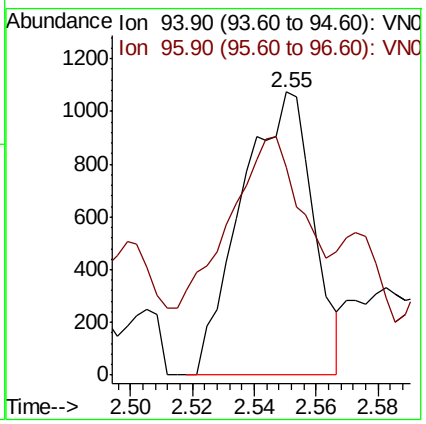


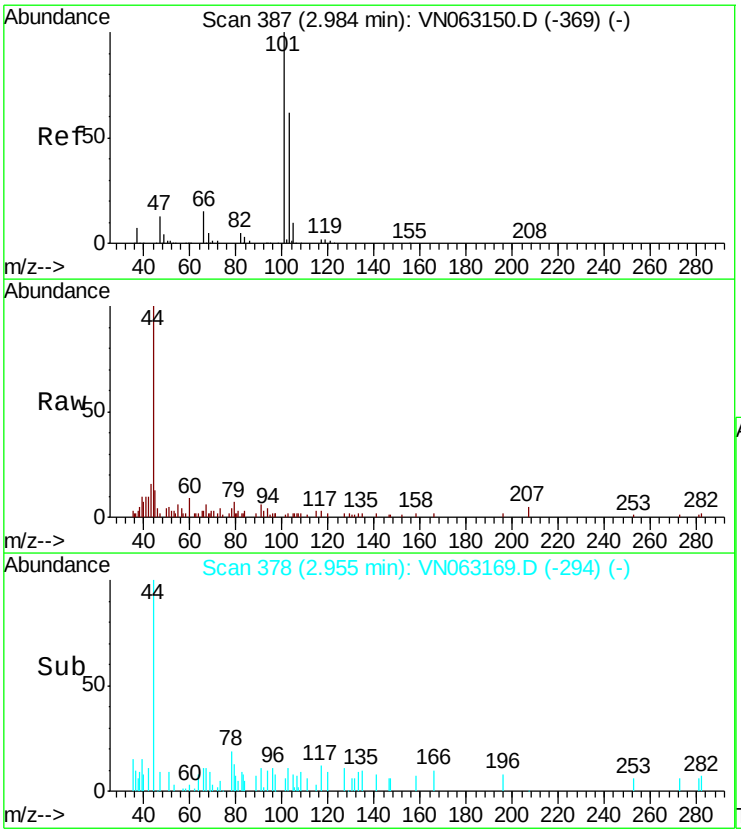
#5
Bromomethane
Concen: 0.353 ug/l
RT: 2.55 min Scan# 252
Delta R.T. 0.01 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 1728

Ion	Ratio	Lower	Upper
94	100		
96	43.7	74.4	111.6#

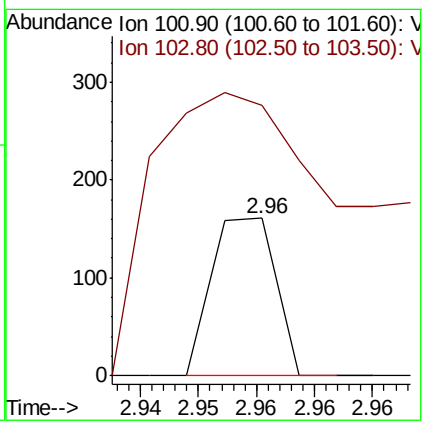


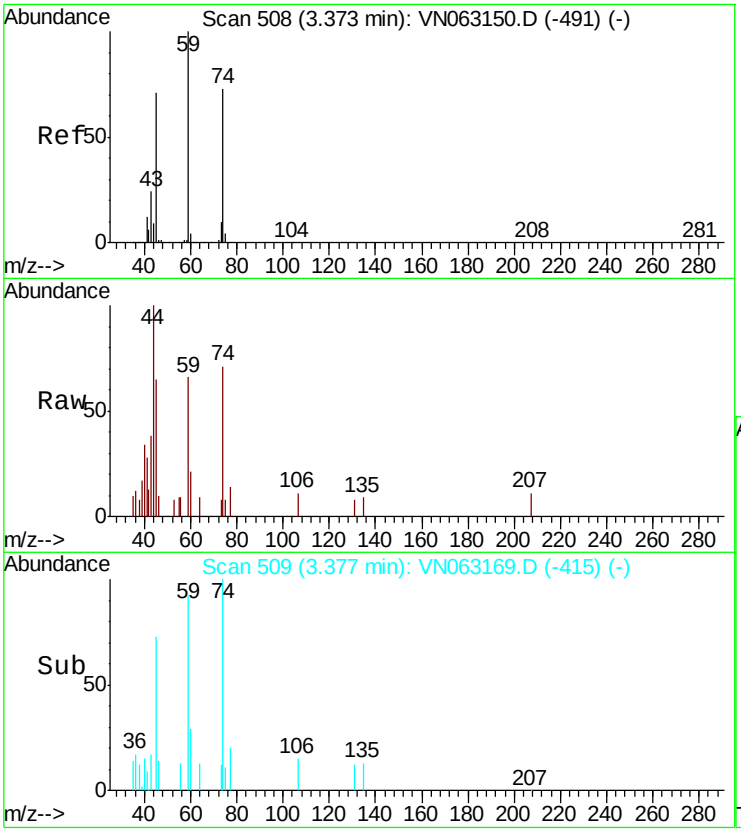


#7
Trichlorofluoromethane
Concen: Below Cal
RT: 2.96 min Scan# 378
Delta R.T. -0.03 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion:101 Resp: 62

Ion	Ratio	Lower	Upper
101	100		
103	64.0	49.7	74.5



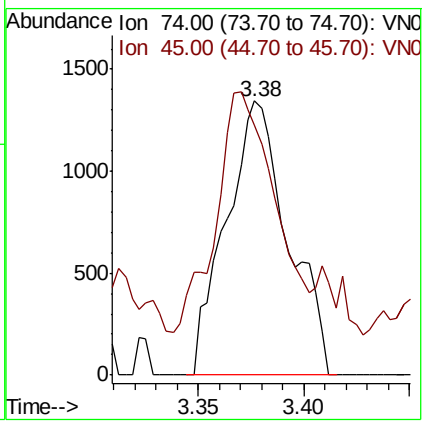


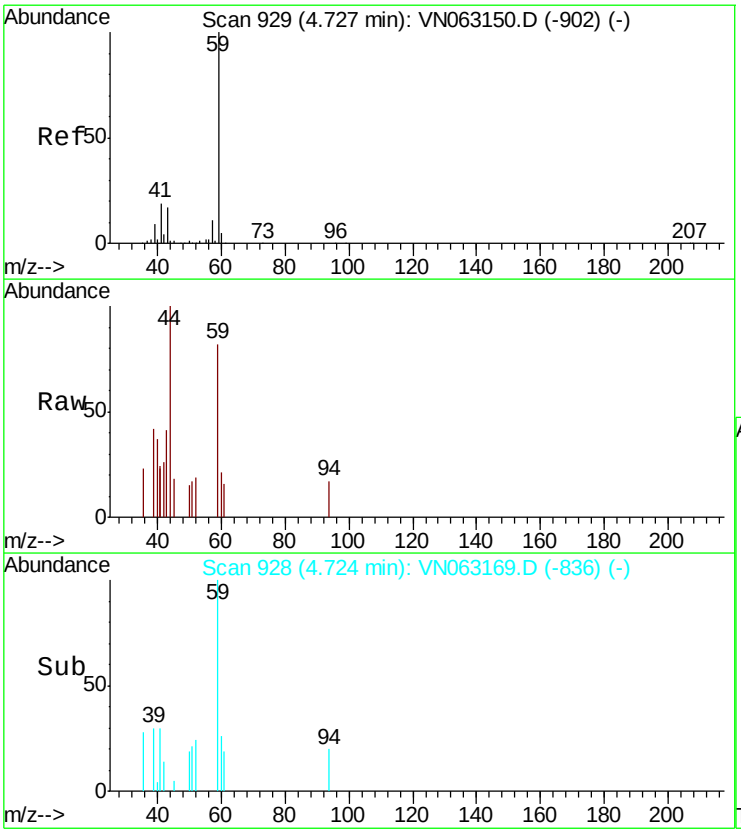
#8
Diethyl Ether
Concen: 0.985 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 74 Resp: 2744

Ion	Ratio	Lower	Upper
74	100		
45	82.1	49.5	148.5

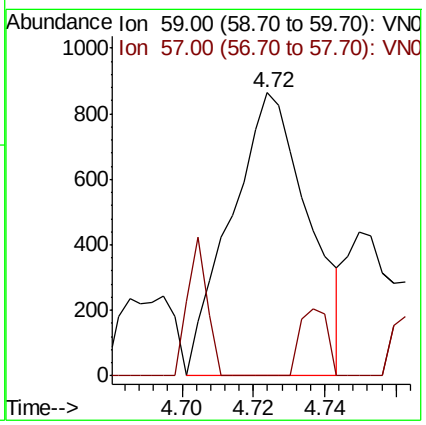


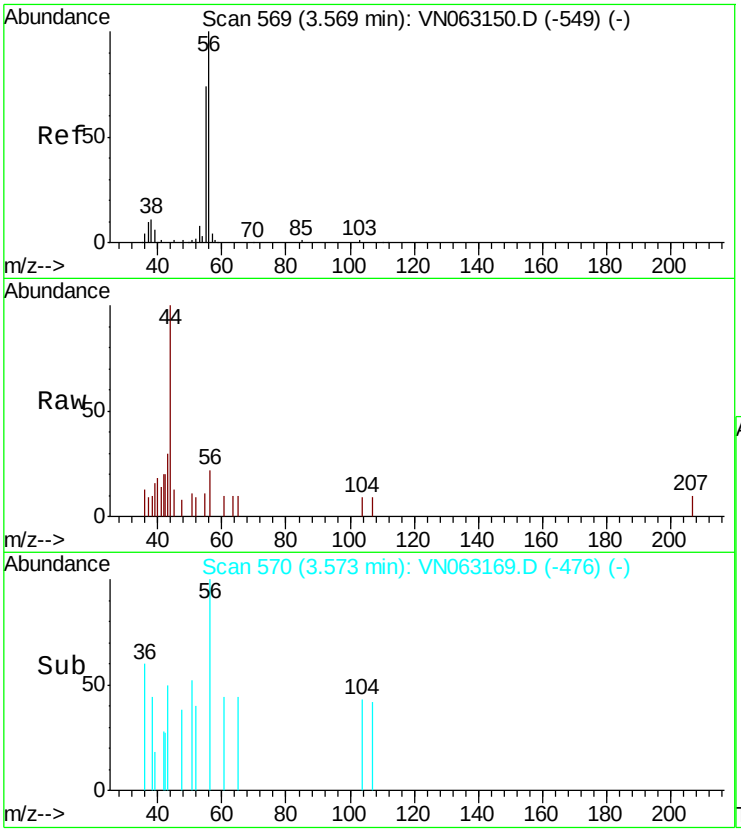


#11
Tert butyl alcohol
Concen: 1.773 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 59 Resp: 1307

Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.4	12.6#



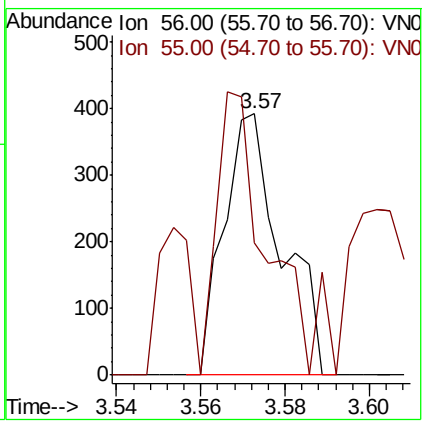


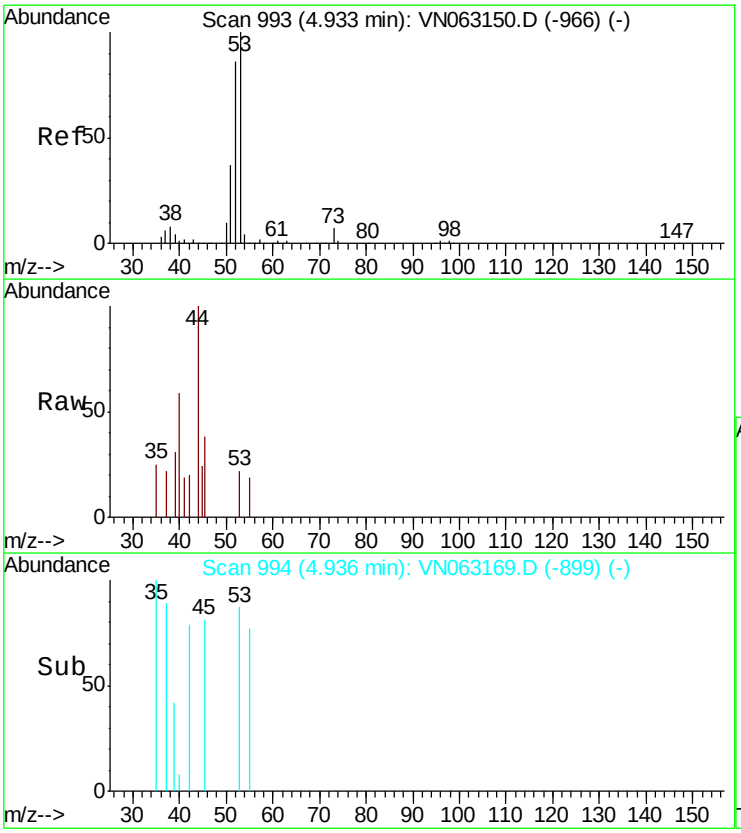
#13
Acrolein
Concen: 17.014 ug/l
RT: 3.57 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 373

Ion	Ratio	Lower	Upper
56	100		
55	89.8	55.4	83.0#

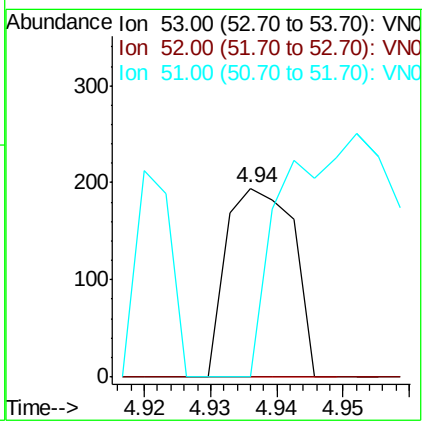


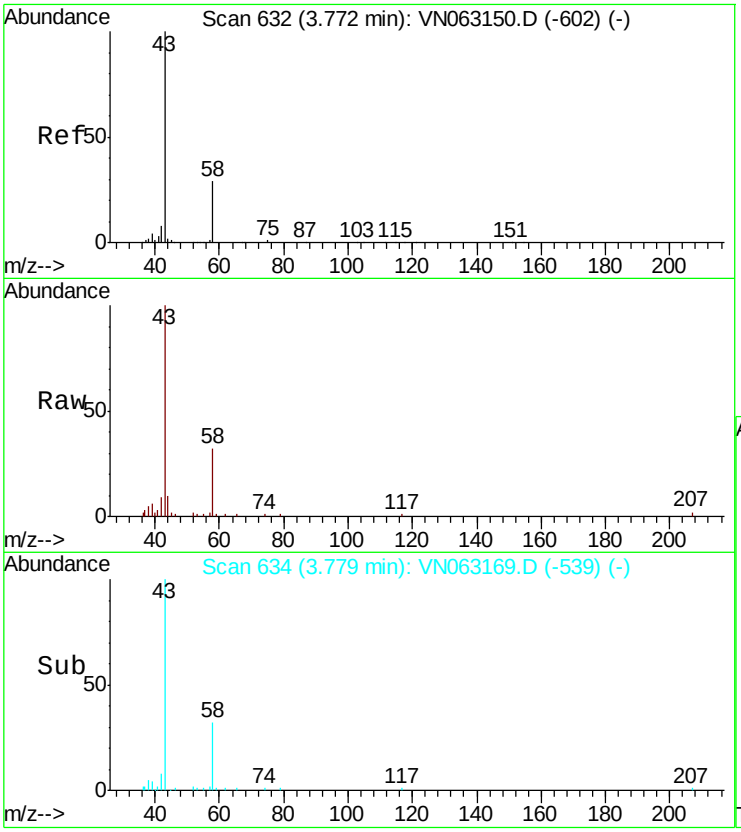


#15
Acrylonitrile
Concen: 2.469 ug/l
RT: 4.94 min Scan# 994
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 53 Resp: 136

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.2	100.8#
51	56.6	30.2	45.4#



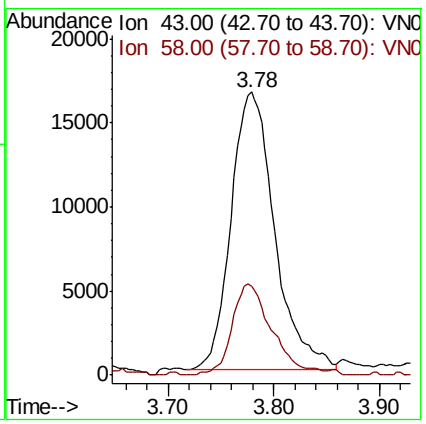


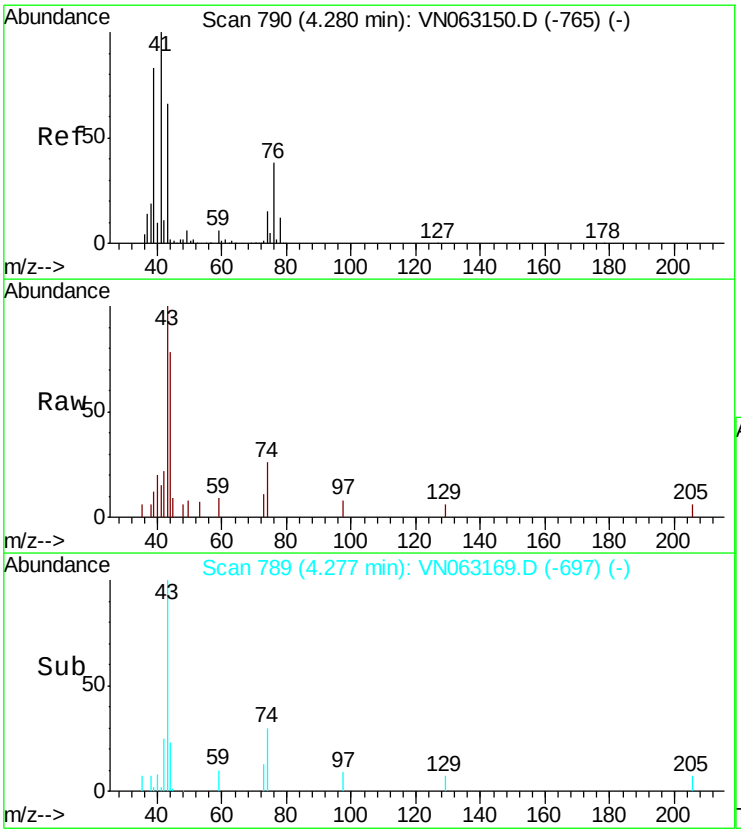
#16
Acetone
Concen: 27.837 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 47536

Ion	Ratio	Lower	Upper
43	100		
58	32.1	23.1	34.7

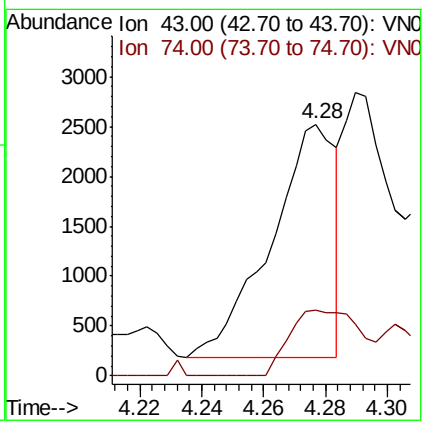


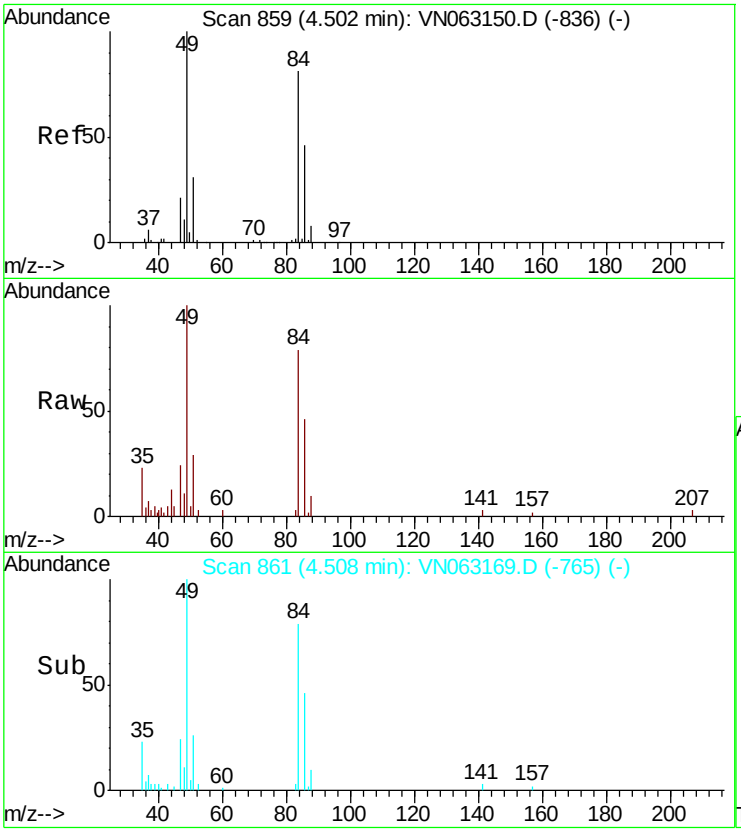


#18
Methyl Acetate
Concen: 0.772 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 43 Resp: 3381

Ion	Ratio	Lower	Upper
43	100		
74	31.5	19.0	28.6#



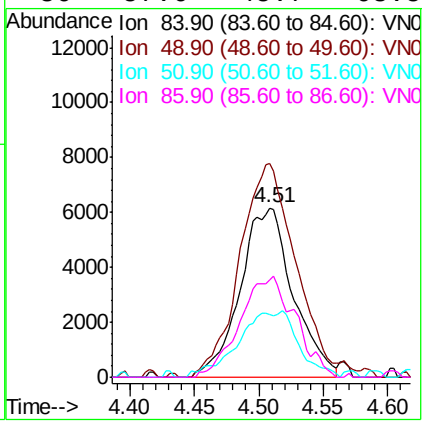


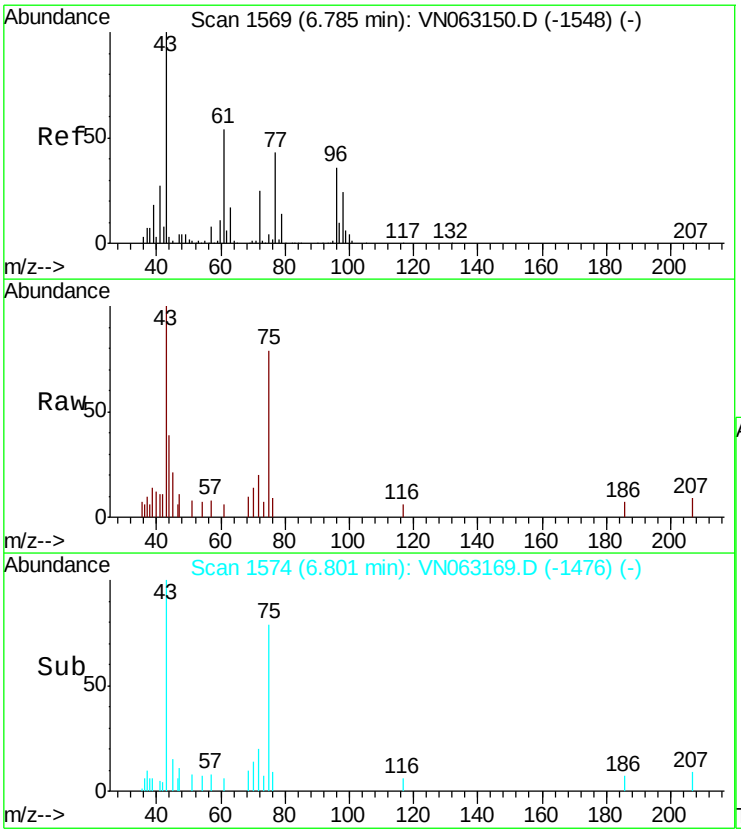
#20
Methylene Chloride
Concen: 3.204 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 17595

Ion	Ratio	Lower	Upper
84	100		
49	126.1	98.4	147.6
51	36.7	30.4	45.6
86	57.6	45.7	68.5

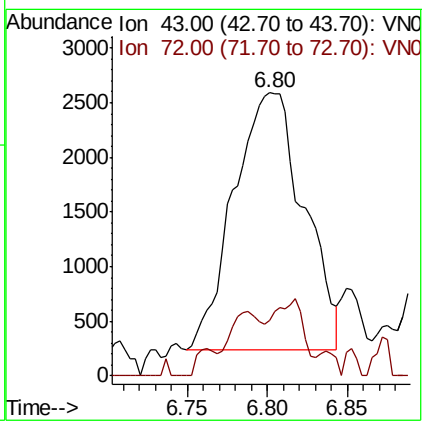


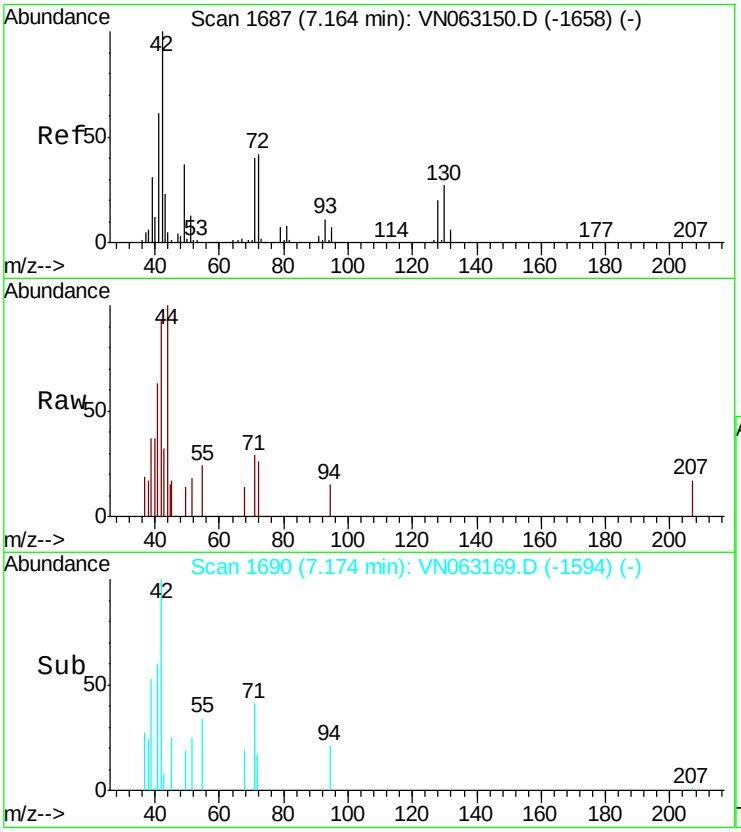


#25
2-Butanone
Concen: 2.684 ug/l
RT: 6.80 min Scan# 1574
Delta R.T. 0.02 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 43 Resp: 7098

Ion	Ratio	Lower	Upper
43	100		
72	21.7	20.2	30.4



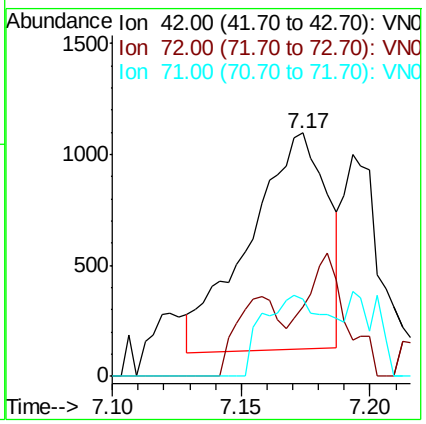


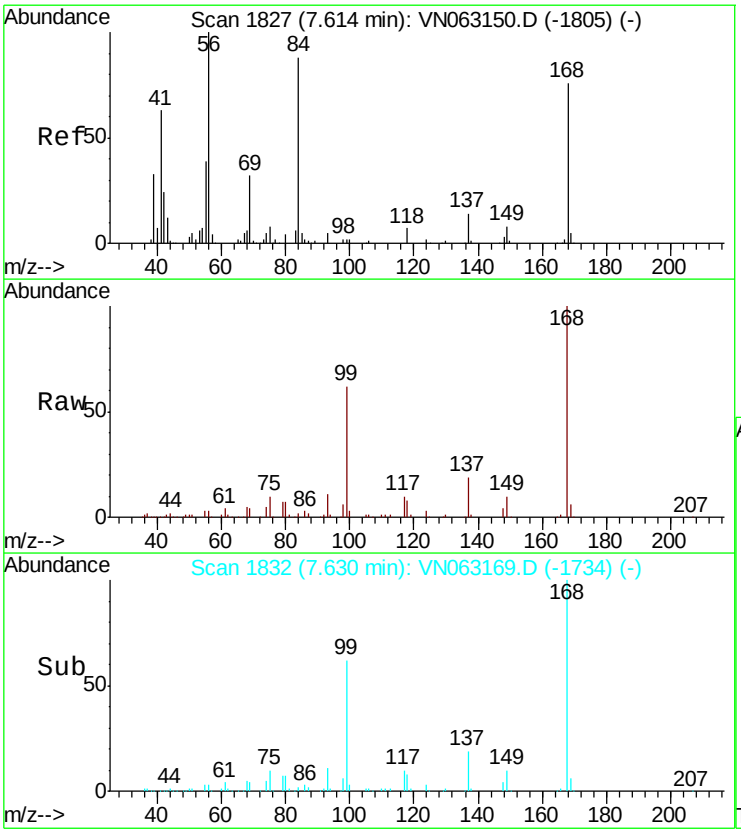
#29
Tetrahydrofuran
Concen: 1.119 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2045

Ion	Ratio	Lower	Upper
42	100		
72	21.1	33.9	50.9#
71	30.4	31.9	47.9#

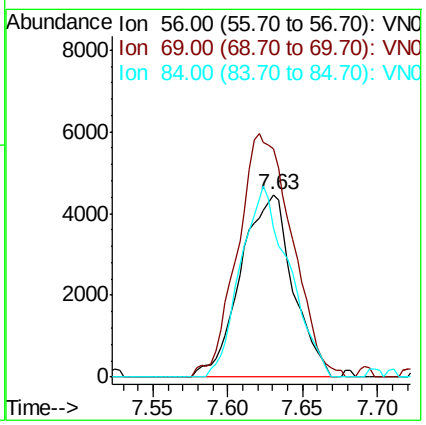


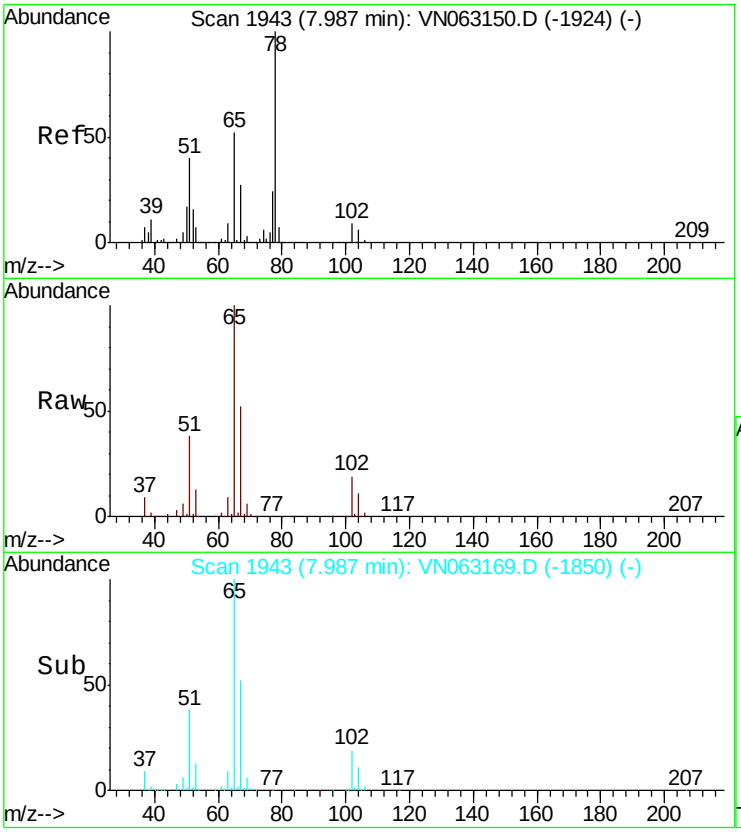


#31
Cyclohexane
Concen: Below Cal
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 56 Resp: 10823

Ion	Ratio	Lower	Upper
56	100		
69	124.7	25.4	38.0#
84	81.6	70.2	105.4



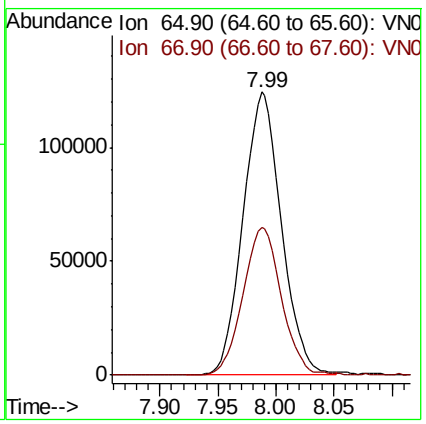


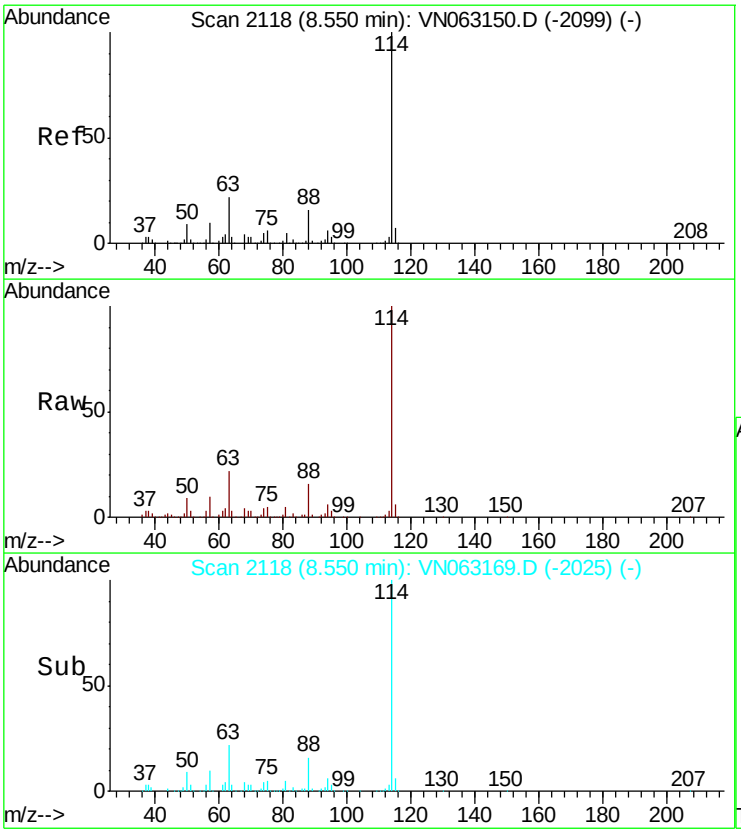
#33
1,2-Dichloroethane-d4
Concen: 47.783 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 287036

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.4

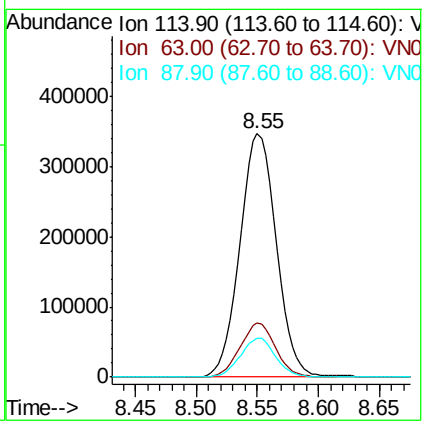


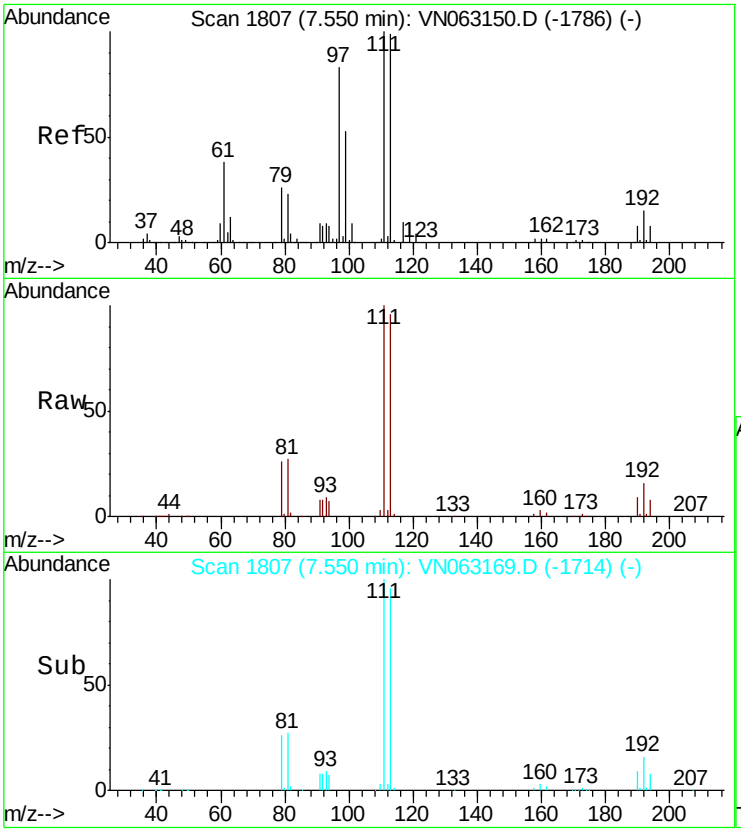


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion:114 Resp: 714666

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.0
88	16.0	0.0	31.6



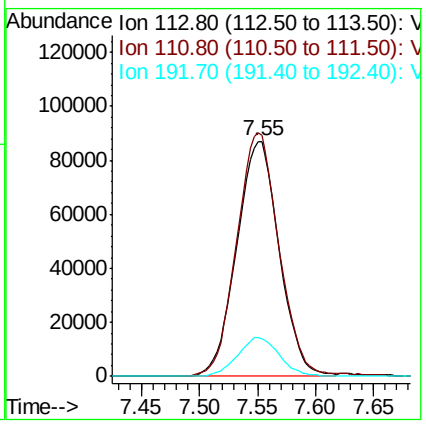


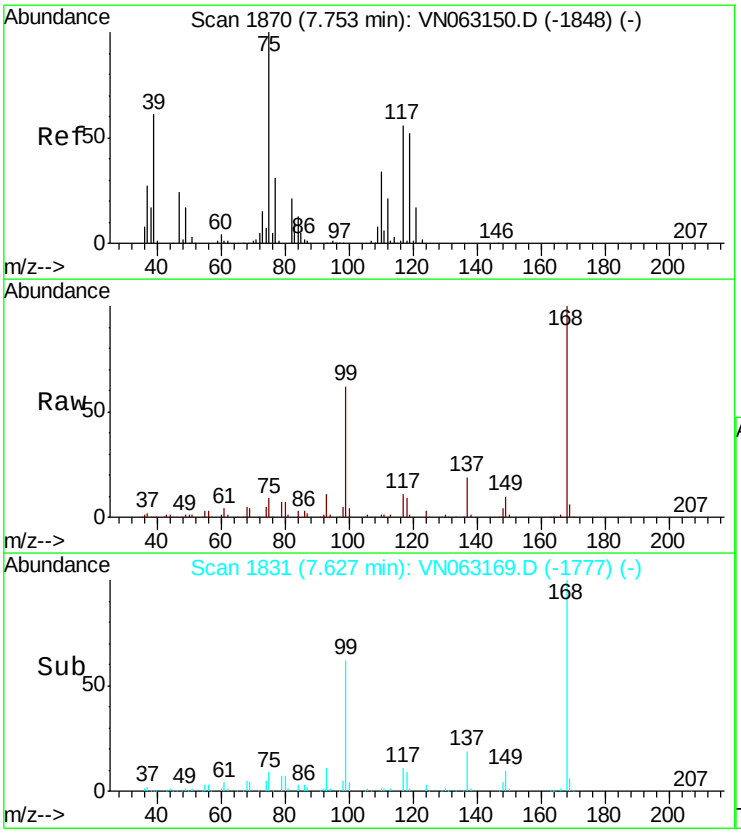
#35
Dibromofluoromethane
Concen: 48.427 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 222036

Ion	Ratio	Lower	Upper
113	100		
111	103.8	80.7	121.1
192	16.3	12.6	19.0

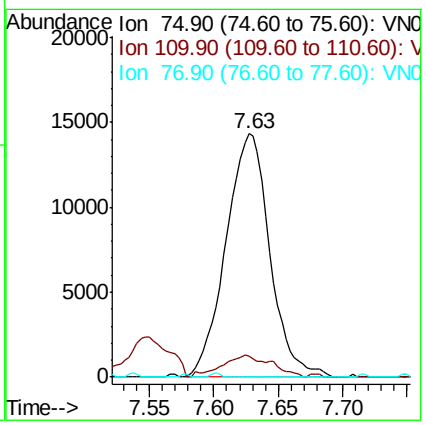


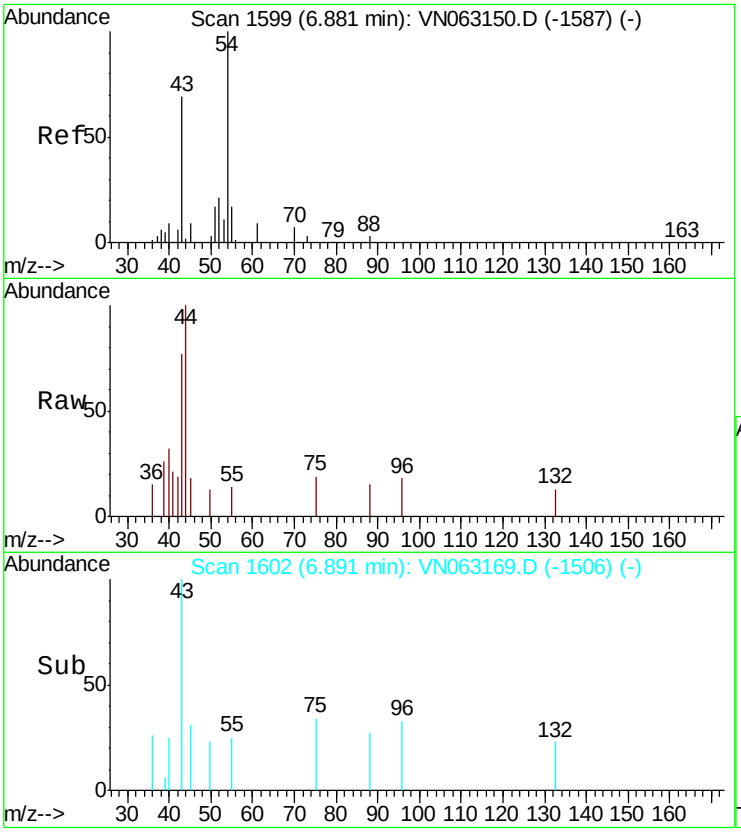


#36
1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 75 Resp: 33906

Ion	Ratio	Lower	Upper
75	100		
110	10.1	16.6	49.8#
77	0.0	25.4	38.2#



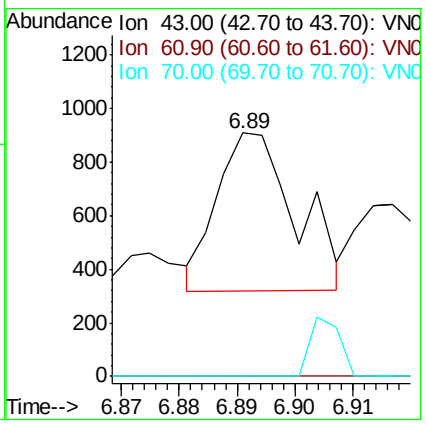


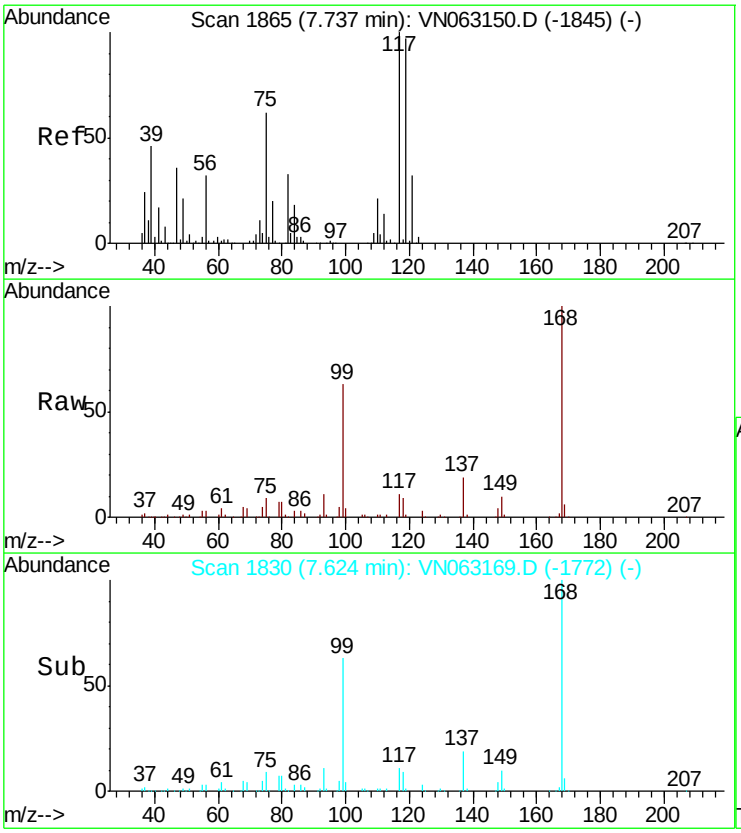
#37
Ethyl Acetate
Concen: 0.465 ug/l
RT: 6.89 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 553

Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.2	15.4#
70	14.1	3.0	4.6#

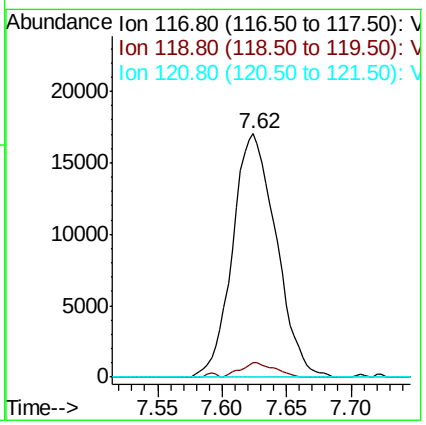


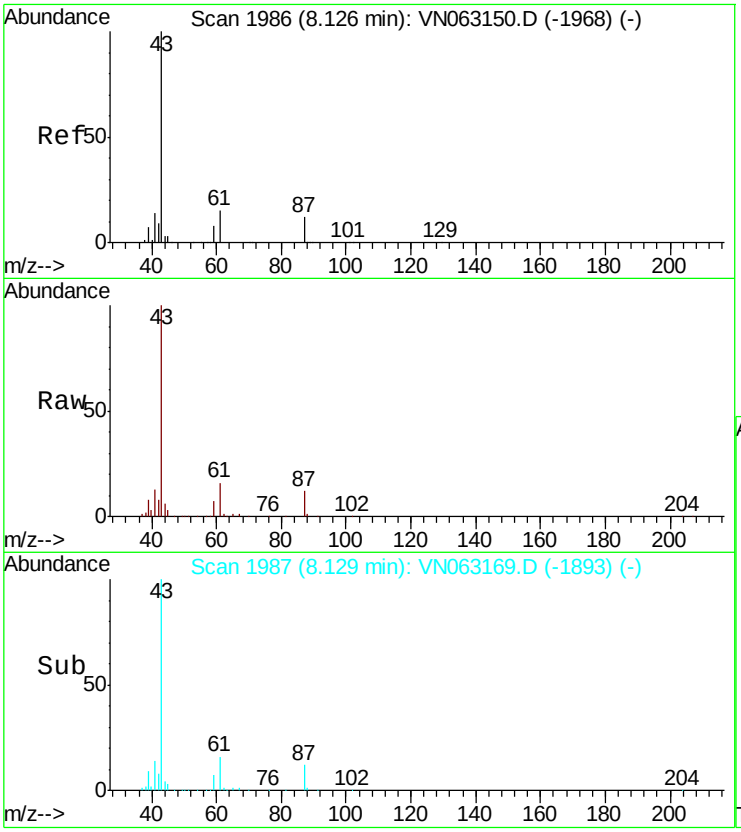


#38
Carbon Tetrachloride
Concen: 5.741 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion:117 Resp: 40000

Ion	Ratio	Lower	Upper
117	100		
119	5.9	77.2	115.8#
121	0.0	25.6	38.4#



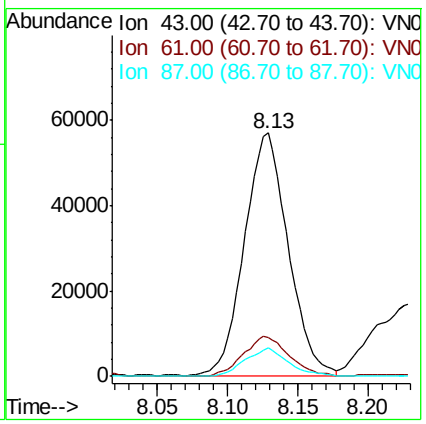


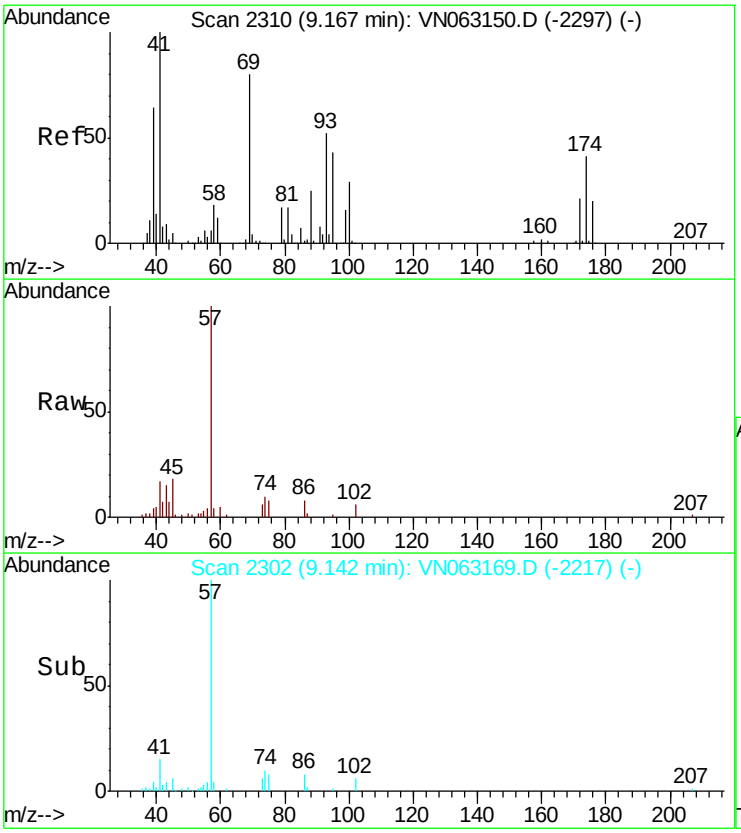
#43
Isopropyl Acetate
Concen: 11.112 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 124504

Ion	Ratio	Lower	Upper
43	100		
61	17.2	20.2	30.4#
87	11.5	9.8	14.6

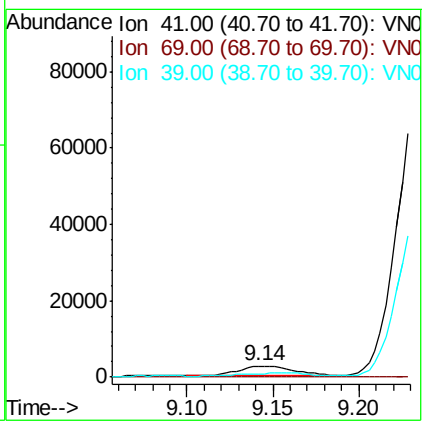


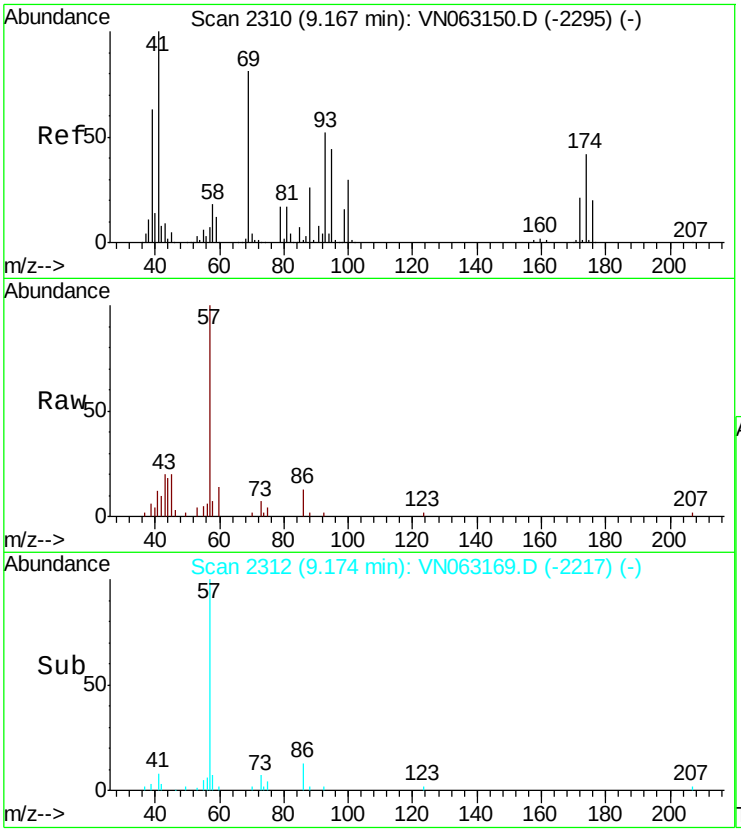


#48
Methyl methacrylate
Concen: 1.130 ug/l
RT: 9.14 min Scan# 2302
Delta R.T. -0.03 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 41 Resp: 5708

Ion	Ratio	Lower	Upper
41	100		
69	1.3	65.9	98.9#
39	0.0	52.0	78.0#



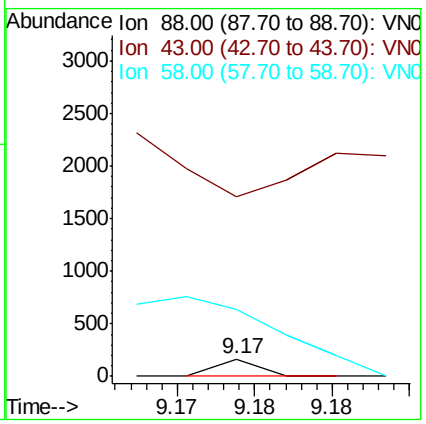


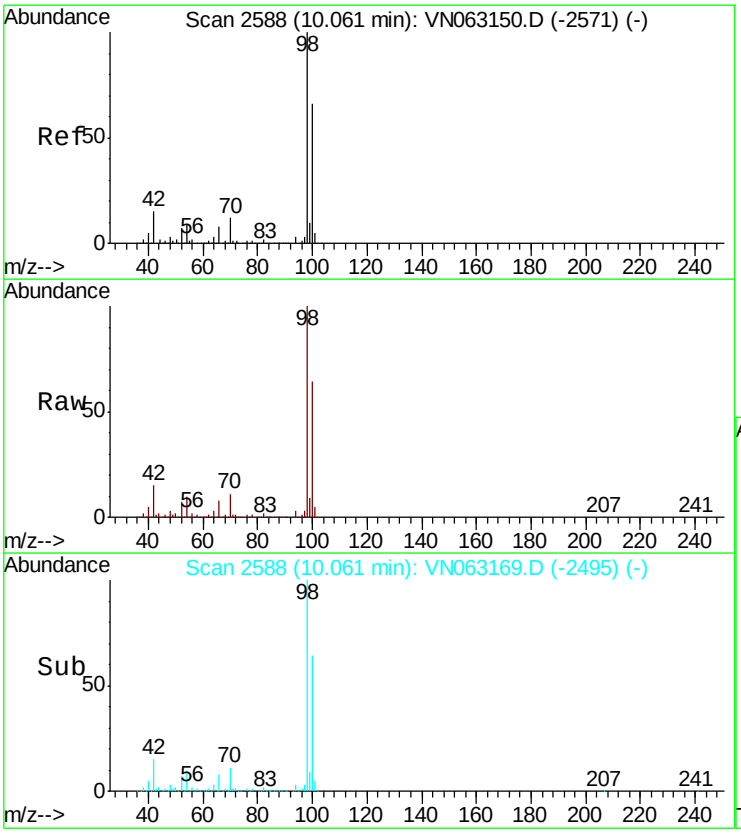
#49
1,4-Dioxane
Concen: 0.410 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. 0.01 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 32

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

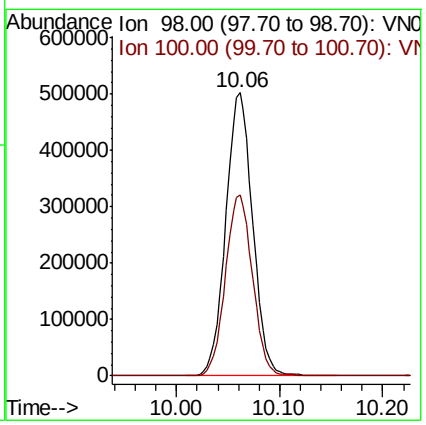


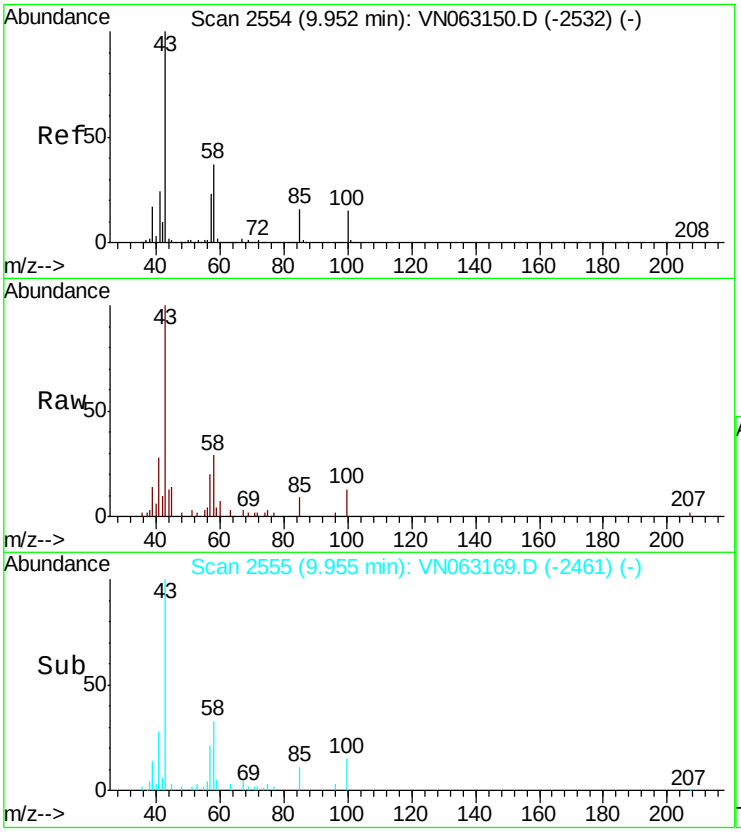


#50
Toluene-d8
Concen: 51.857 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 98 Resp: 915144

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0



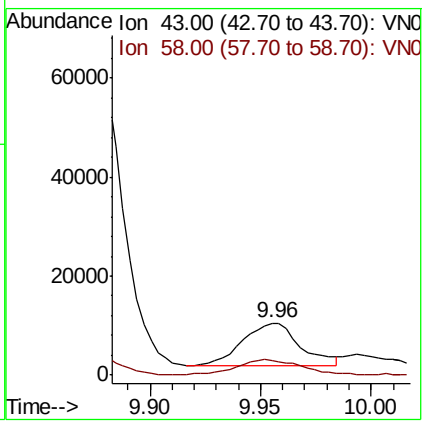


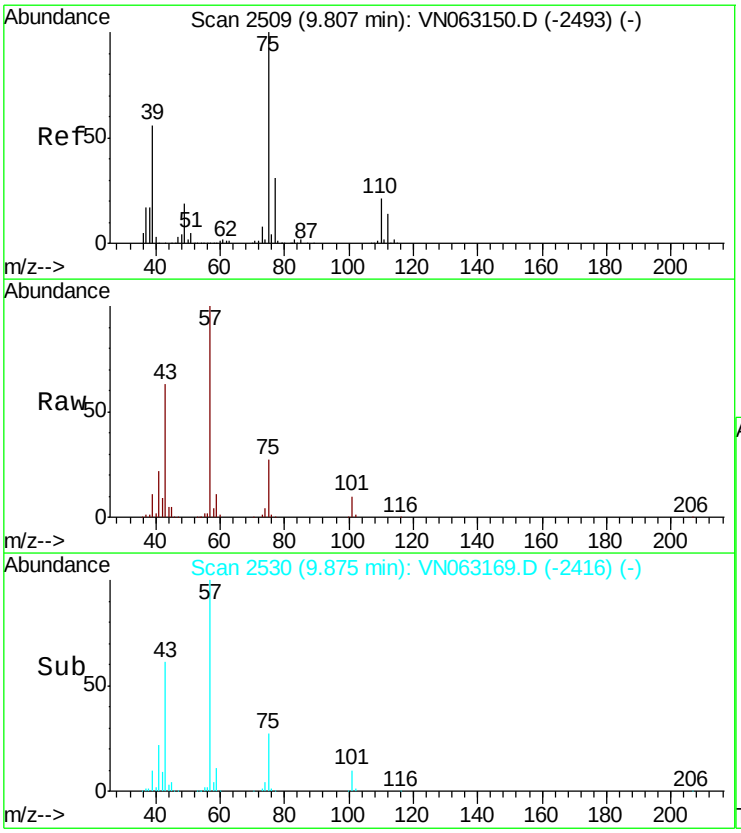
#51
4-Methyl-2-Pentanone
Concen: 2.570 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 15650

Ion	Ratio	Lower	Upper
43	100		
58	42.0	29.2	43.8

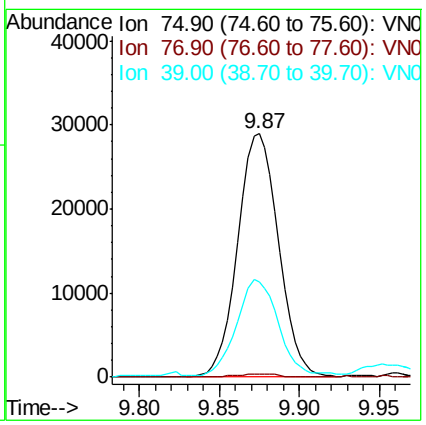


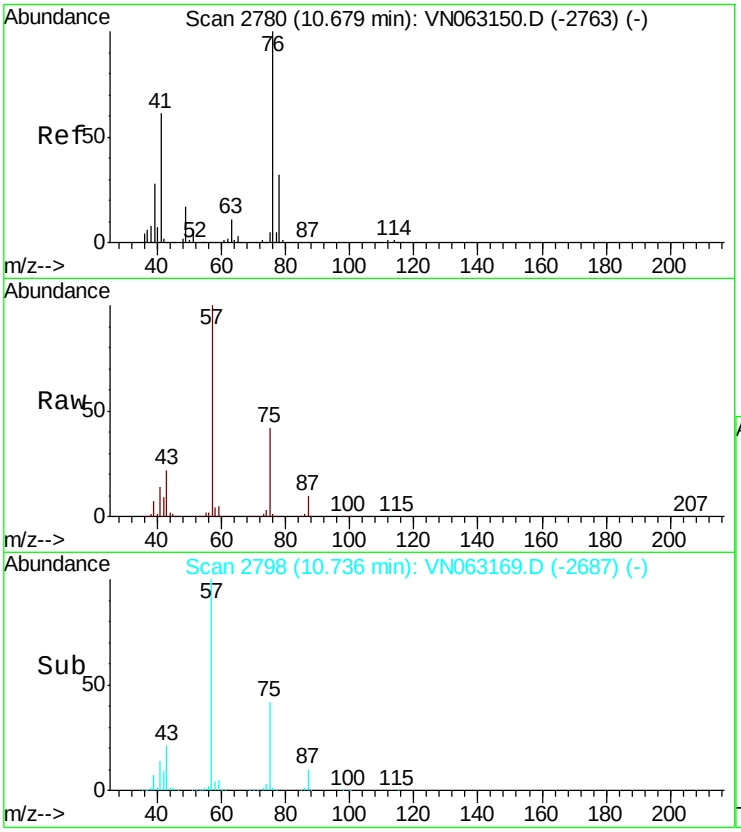


#54
cis-1,3-Dichloropropene
Concen: 5.784 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 75 Resp: 50424

Ion	Ratio	Lower	Upper
75	100		
77	1.3	24.8	37.2#
39	38.4	45.0	67.6#



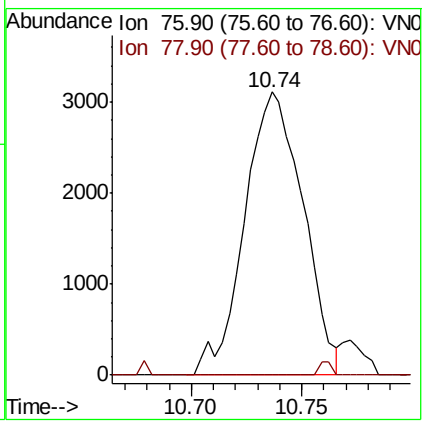


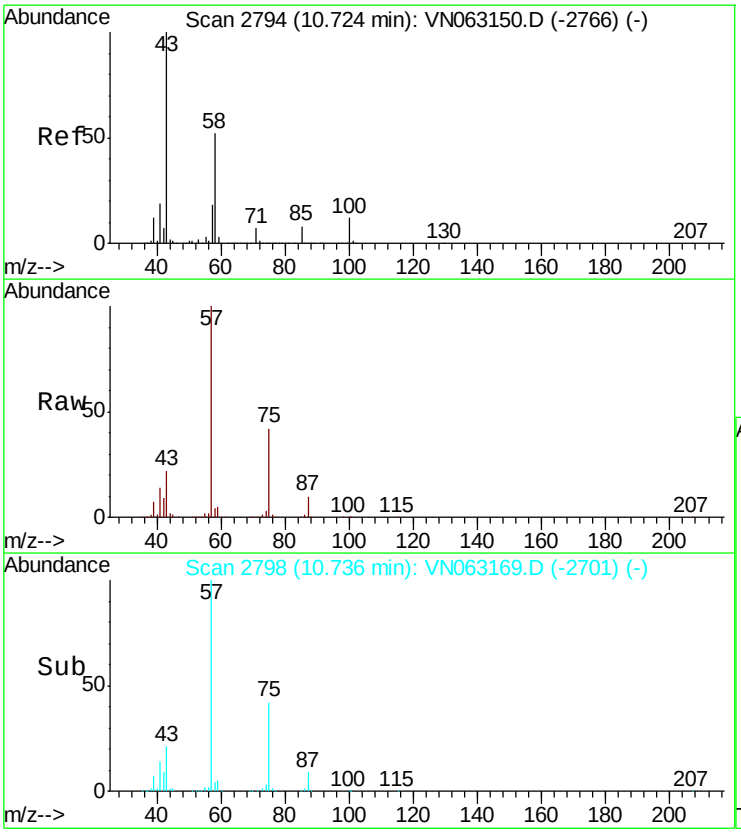
#57
1,3-Dichloropropane
Concen: 0.666 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 5713

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.5	38.3#

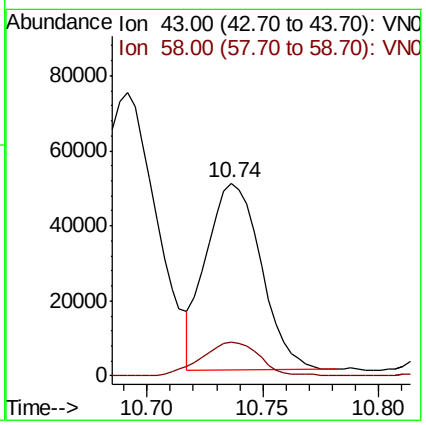


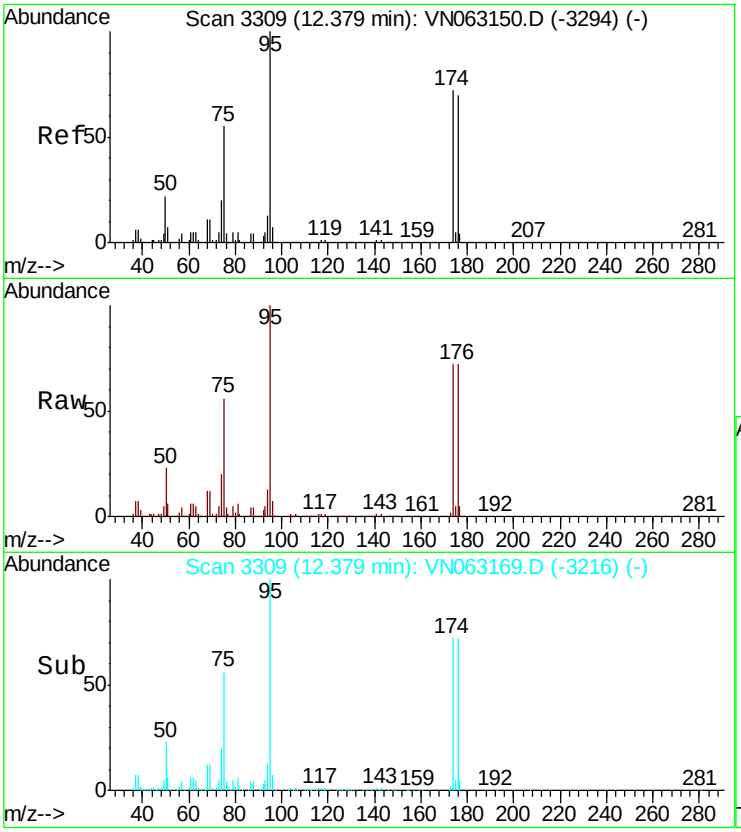


#59
2-Hexanone
Concen: 19.025 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 43 Resp: 81411

Ion	Ratio	Lower	Upper
43	100		
58	19.6	25.9	77.8#



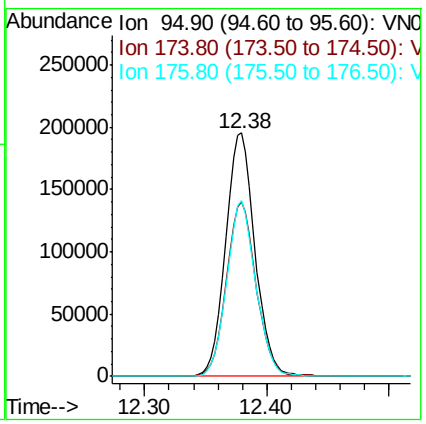


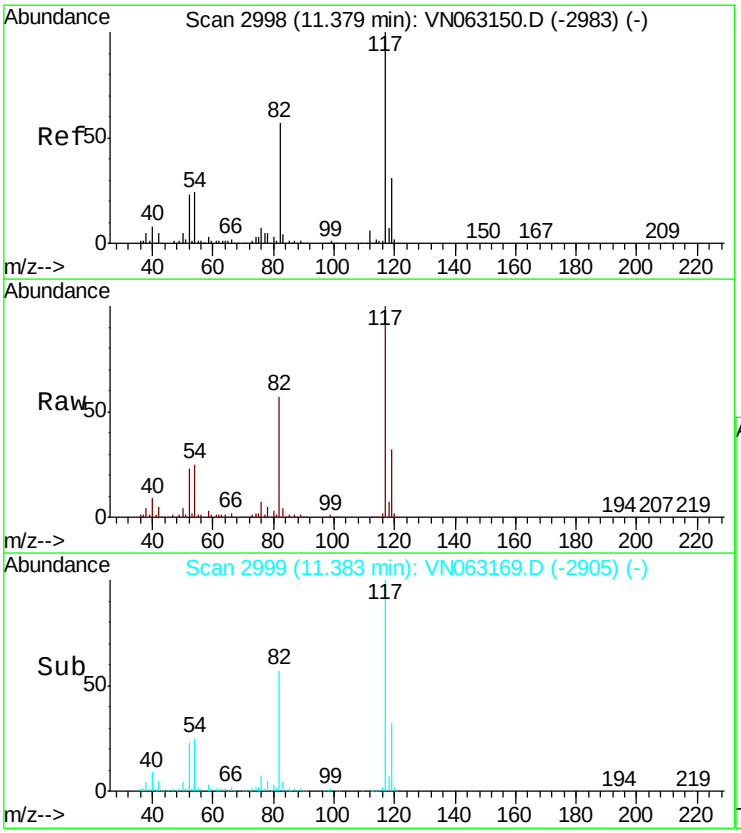
#62
4-Bromofluorobenzene
Concen: 53.277 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 328891

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	143.8
176	71.3	0.0	138.4

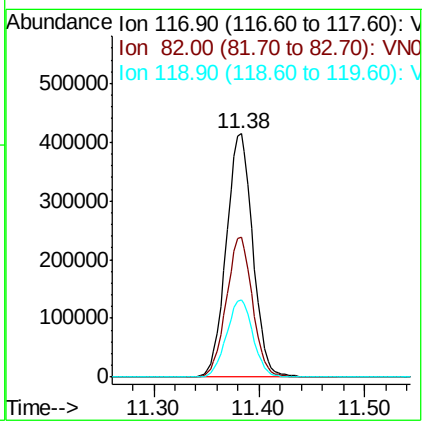


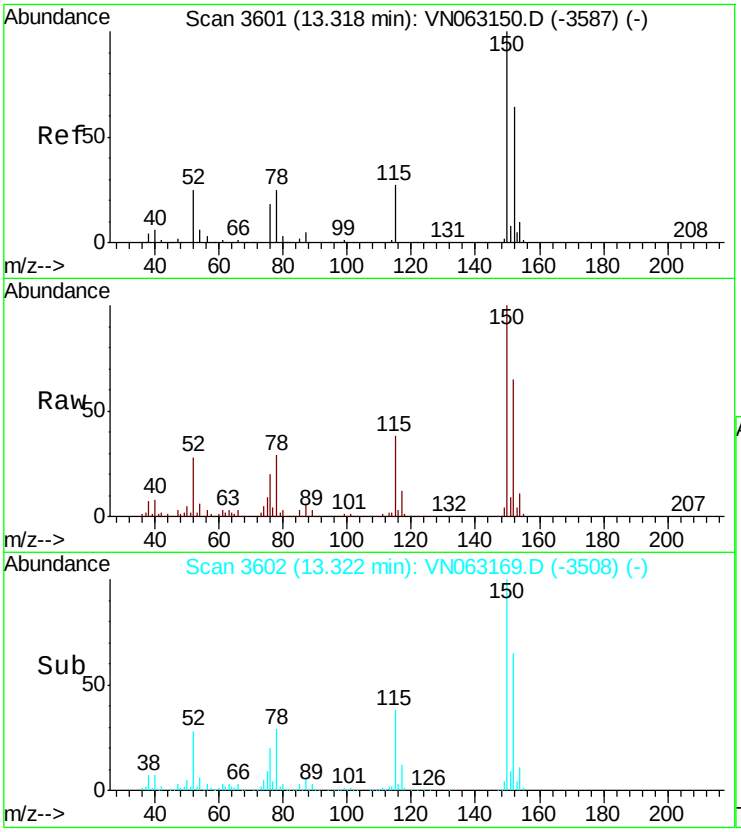


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion:117 Resp: 719346

Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.4	68.0
119	31.9	24.6	37.0



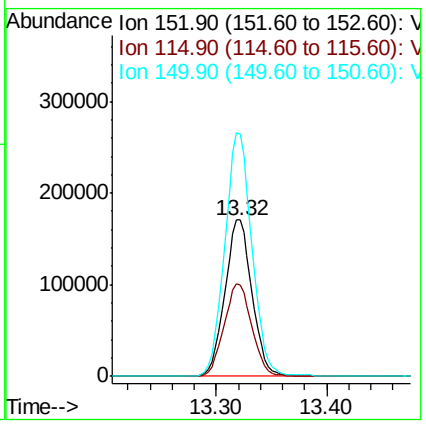


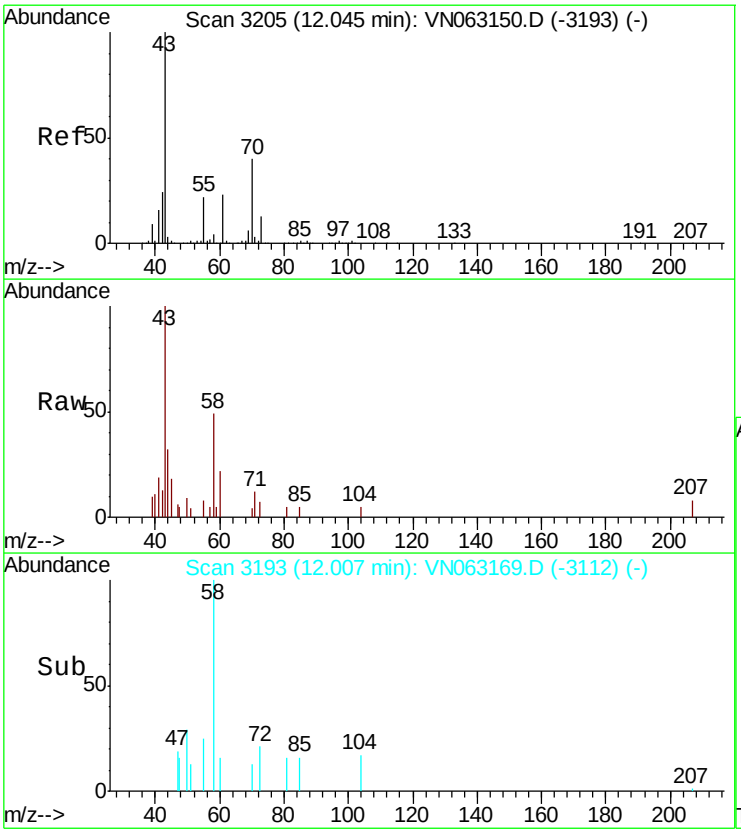
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 291445

Ion	Ratio	Lower	Upper
152	100		
115	60.4	32.0	96.2
150	154.9	0.0	353.0

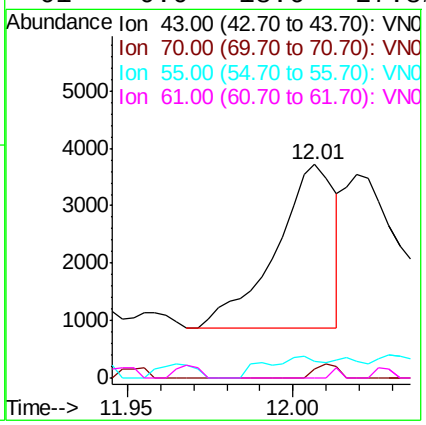


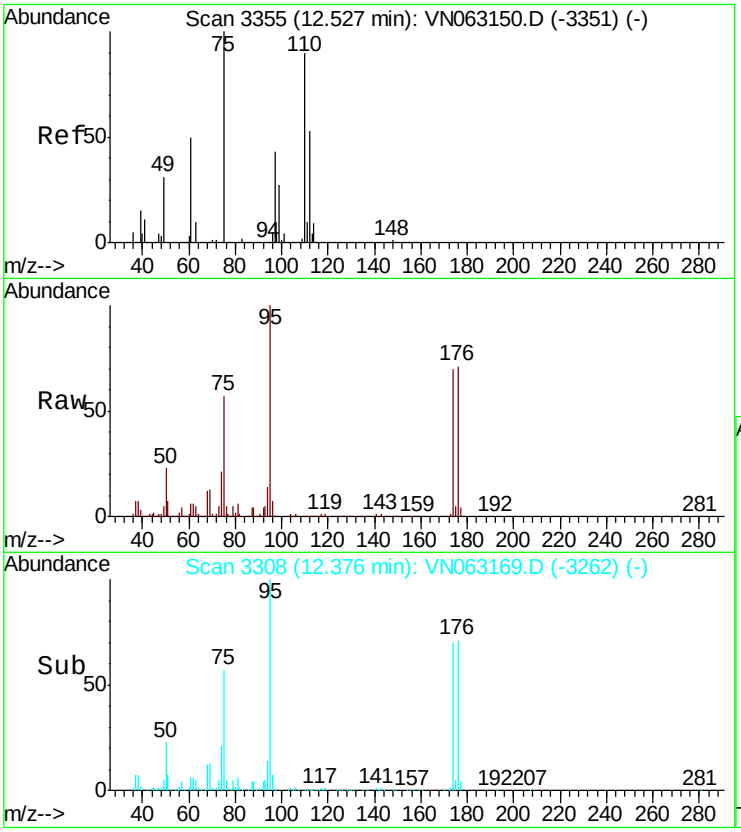


#74
N-amyl acetate
Concen: 0.387 ug/l
RT: 12.01 min Scan# 3193
Delta R.T. -0.04 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 43 Resp: 3581

Ion	Ratio	Lower	Upper
43	100		
70	3.3	32.1	48.1#
55	12.2	17.4	26.0#
61	0.0	18.6	27.8#



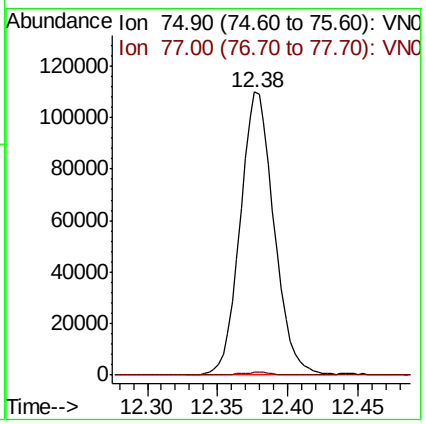


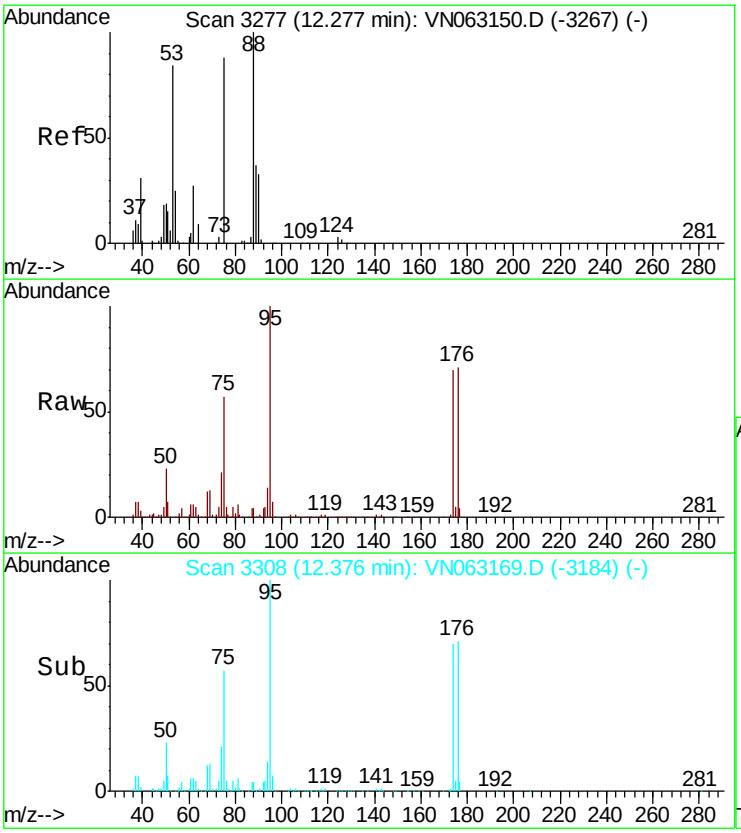
#76
1,2,3-Trichloropropane
Concen: 32.316 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 185053

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.108 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063169.D
Acq: 1 Sep 2020 20:53

Tgt Ion: 75 Resp: 185053

Ion	Ratio	Lower	Upper
75	100		
53	0.0	78.7	118.1#
89	0.1	35.3	52.9#