Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090920\
Data File : VN063284.D
Acq On : 9 Sep 2020 15:52
Operator : JC/MD
Sample : L3932-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VNJ-218

Quant Time: Sep 10 03:54:33 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	407806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	761769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	753343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	321083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	314765	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.44%			
35) Dibromofluoromethane	7.55	113	237811	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.32%			
50) Toluene-d8	10.06	98	976771	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.86%			
62) 4-Bromofluorobenzene	12.38	95	385631	58.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.22%			
Target Compounds						Qvalue
3) Chloromethane	2.03	50	1634	0.279	ug/l	92
5) Bromomethane	2.54	94	1380	0.254	ug/l #	30
13) Acrolein	3.56	56	71	15.983	ug/l #	1
15) Acrylonitrile	4.85	53	30	2.417	ug/l #	6
16) Acetone	3.78	43	64040	33.793	ug/l	98
18) Methyl Acetate	4.28	43	2451	0.504	ug/l #	87
20) Methylene Chloride	4.50	84	10833	1.556	ug/l	97
25) 2-Butanone	6.80	43	4370	1.489	ug/l #	89
29) Tetrahydrofuran	7.18	42	2457	1.211	ug/l #	74
31) Cyclohexane	7.63	56	11597	Below Cal	#	25
36) 1,1-Dichloropropene	7.63	75	37853	5.169	ug/l #	50
37) Ethyl Acetate	6.80	43	4370	1.007	ug/l #	76
38) Carbon Tetrachloride	7.62	117	43343	5.836	ug/l #	16
43) Isopropyl Acetate	8.13	43	140425	11.758	ug/l #	90
45) 1,2-Dichloropropane	9.23	63	2310	0.405	ug/l #	43
48) Methyl methacrylate	9.14	41	8438	1.567	ug/l #	12
49) 1,4-Dioxane	9.17	88	198	2.378	ug/l #	25
51) 4-Methyl-2-Pentanone	9.95	43	14485	2.232	ug/l #	83
54) cis-1,3-Dichloropropene	9.87	75	55255	5.946	ug/l #	62
57) 1,3-Dichloropropane	10.74	76	8656	0.946	ug/l #	45
59) 2-Hexanone	10.74	43	133119	29.186	ug/l #	52
74) N-amyl acetate	12.01	43	8288	0.812	ug/l #	47
76) 1,2,3-Trichloropropane	12.38	75	208582	33.063	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	208582	79.913	ug/l #	10
95) Naphthalene	15.11	128	8013	0.433	ug/l	96

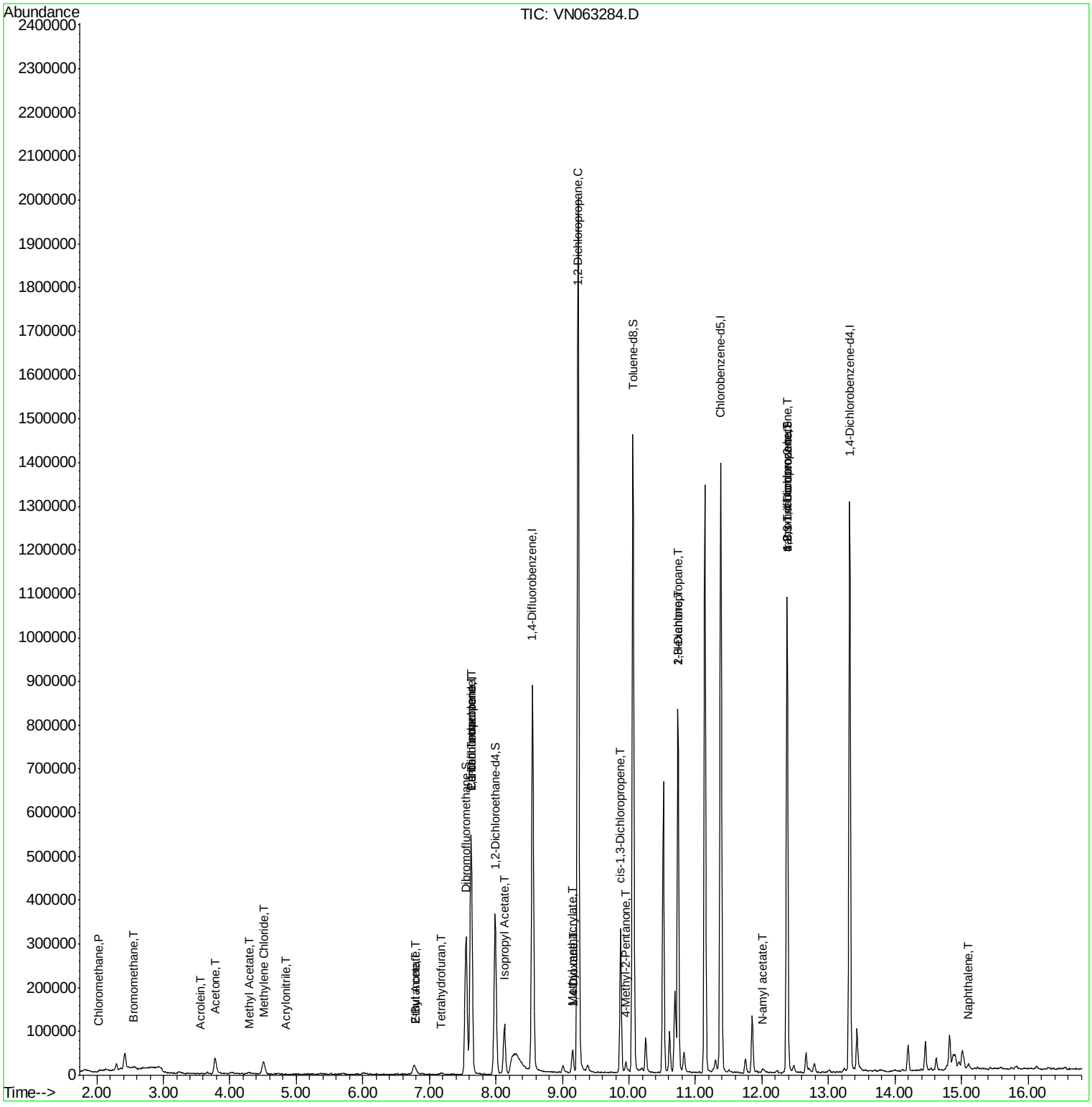
(#) = qualifier out of range (m) = manual integration (+) = signals summed

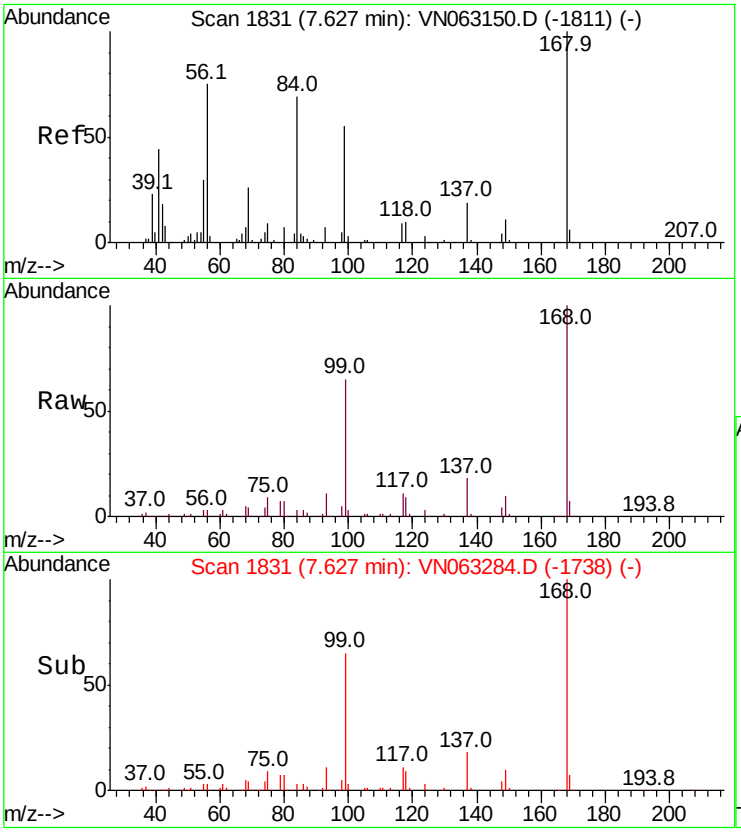
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090920\
Data File : VN063284.D
Acq On : 9 Sep 2020 15:52
Operator : JC/MD
Sample : L3932-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VNJ-218

Quant Time: Sep 10 03:54:33 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



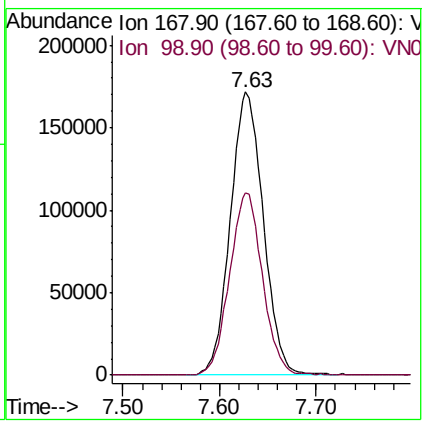


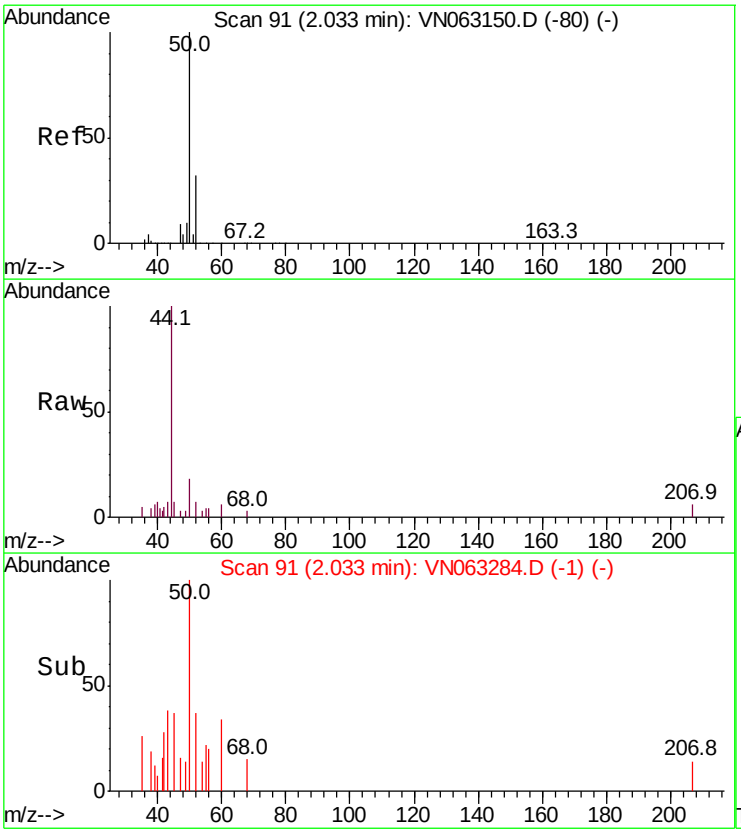
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
VNJ-218

Tgt Ion:168 Resp: 407806

Ion	Ratio	Lower	Upper
168	100		
99	64.6	54.2	81.2

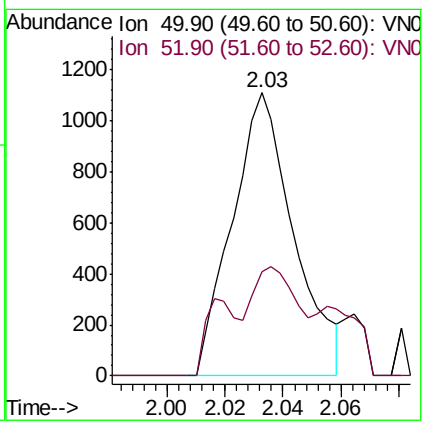


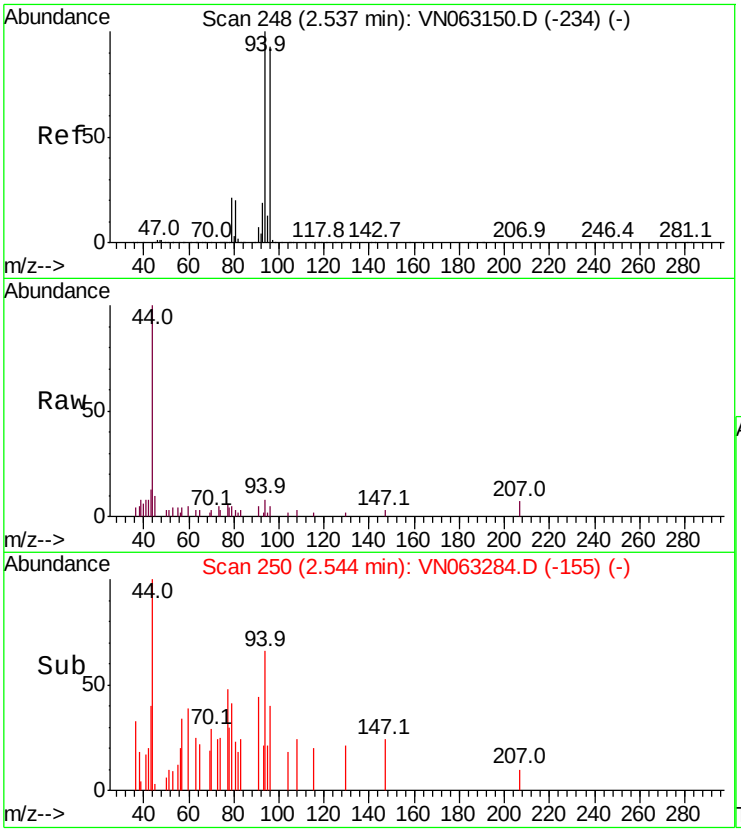


#3
Chloromethane
Concen: 0.279 ug/l
RT: 2.03 min Scan# 91
Delta R.T. -0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 50 Resp: 1634

Ion	Ratio	Lower	Upper
50	100		
52	36.9	25.8	38.6



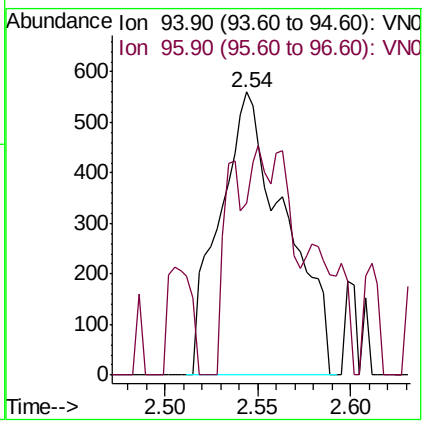


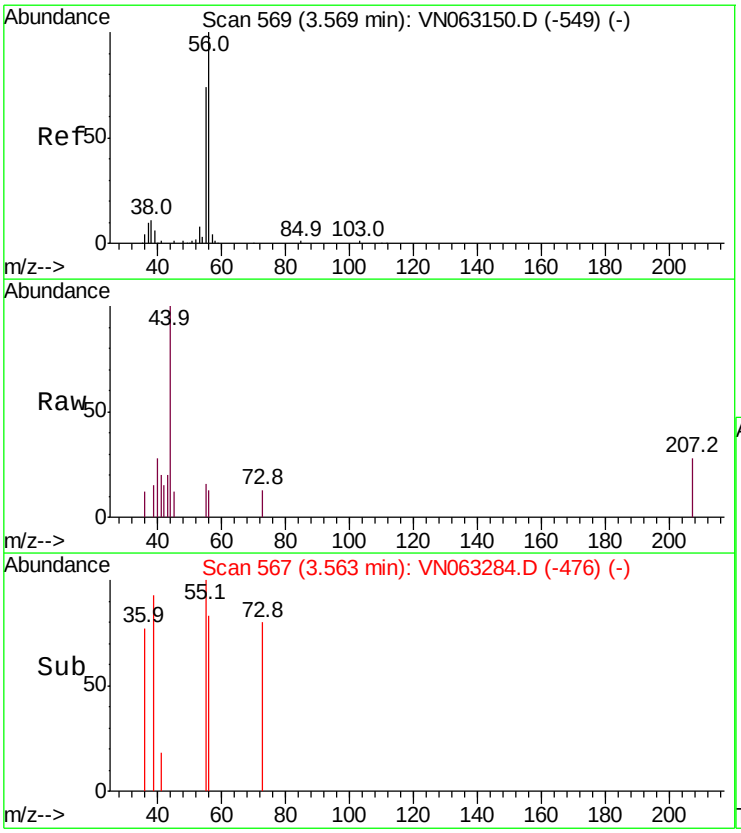
#5
Bromomethane
Concen: 0.254 ug/l
RT: 2.54 min Scan# 250
Delta R.T. 0.01 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument : MSVOA_N
ClientSampleId : VNJ-218

Tgt Ion: 94 Resp: 1380

Ion	Ratio	Lower	Upper
94	100		
96	26.1	74.4	111.6#

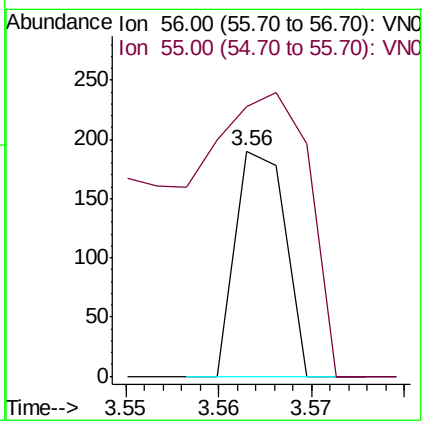


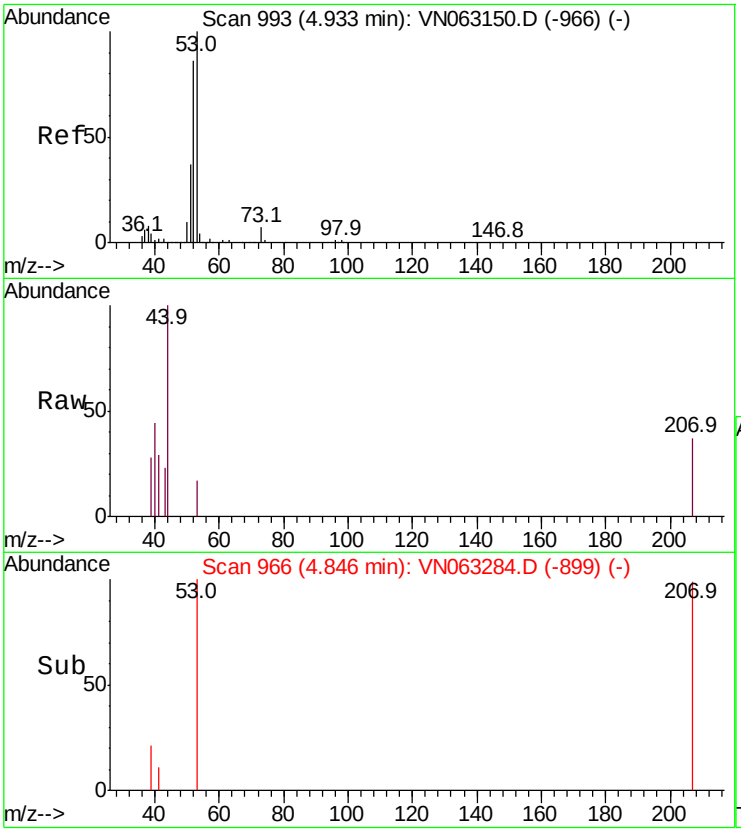


#13
Acrolein
Concen: 15.983 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.01 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 56 Resp: 71

Ion	Ratio	Lower	Upper
56	100		
55	367.6	55.4	83.0#



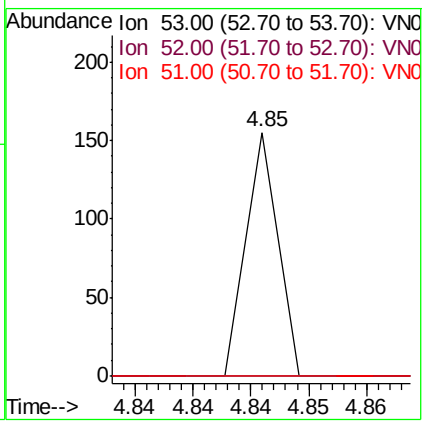


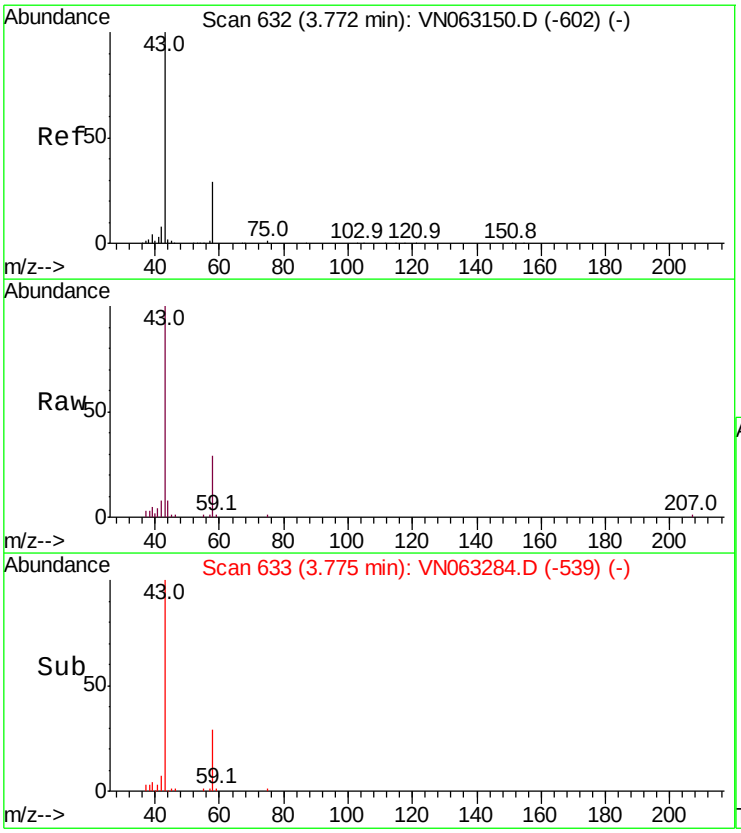
#15
Acrylonitrile
Concen: 2.417 ug/l
RT: 4.85 min Scan# 966
Delta R.T. -0.09 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
VNJ-218

Tgt Ion: 53 Resp: 30

Ion	Ratio	Lower	Upper
53	100		
52	0.0	67.2	100.8#
51	96.7	30.2	45.4#

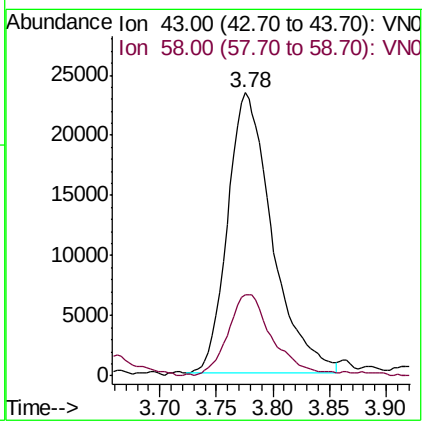


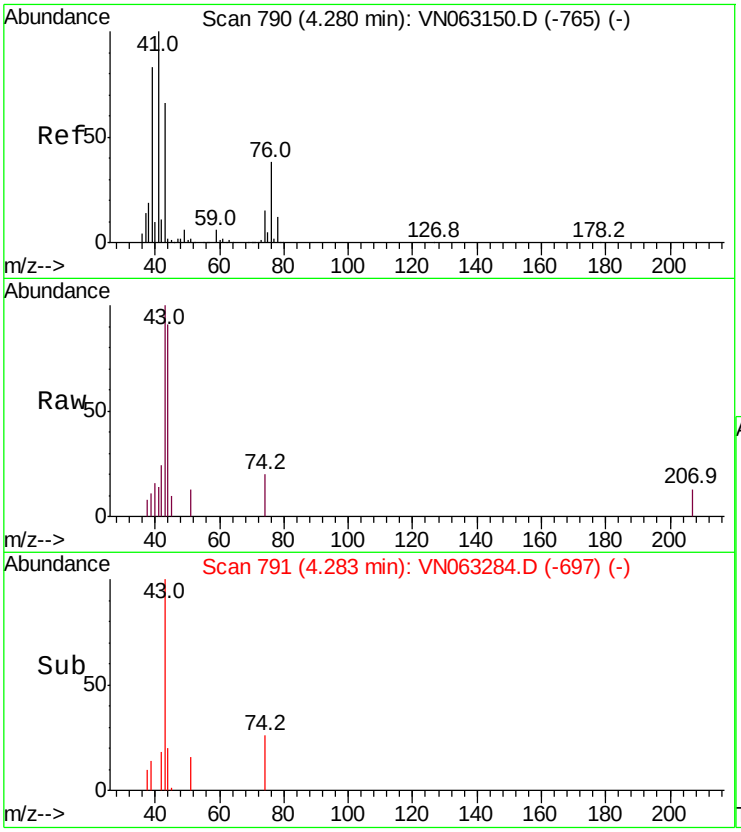


#16
Acetone
Concen: 33.793 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 43 Resp: 64040

Ion	Ratio	Lower	Upper
43	100		
58	28.0	23.1	34.7



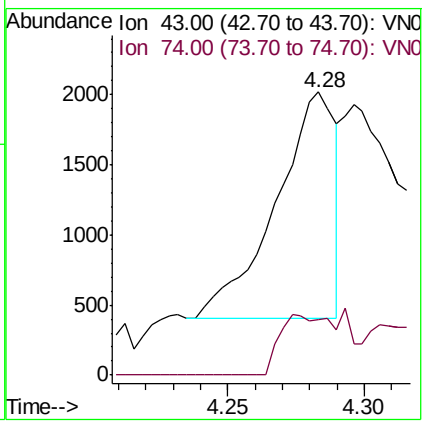


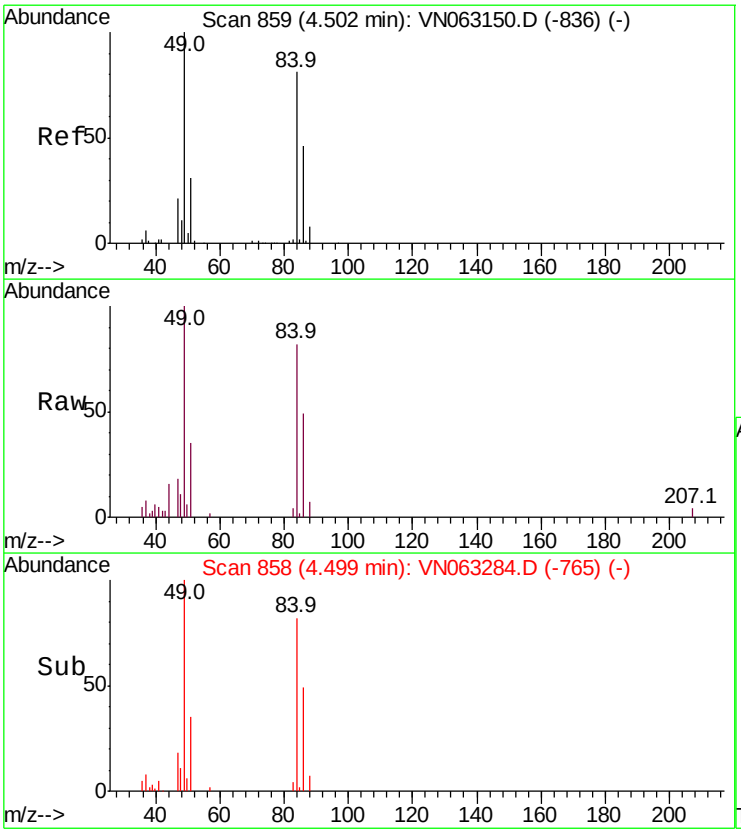
#18
Methyl Acetate
Concen: 0.504 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument : MSVOA_N
ClientSampleId : VNJ-218

Tgt Ion: 43 Resp: 2451

Ion	Ratio	Lower	Upper
43	100		
74	30.3	19.0	28.6#

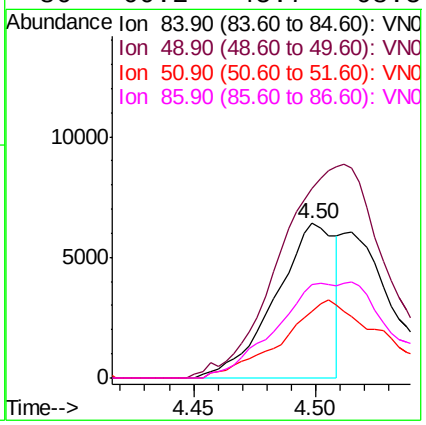


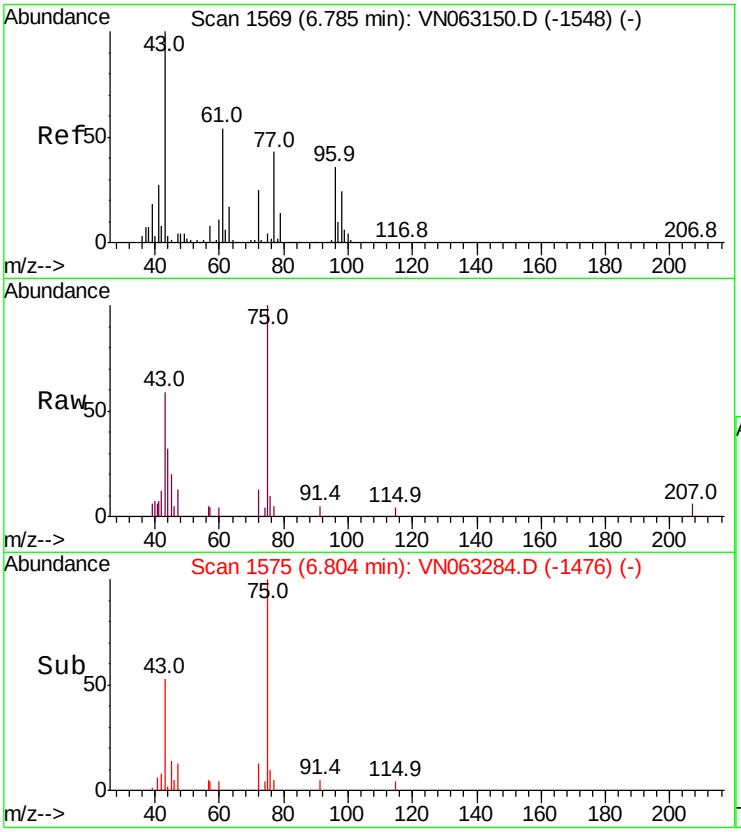


#20
Methylene Chloride
Concen: 1.556 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 84 Resp: 10833

Ion	Ratio	Lower	Upper
84	100		
49	122.0	98.4	147.6
51	42.6	30.4	45.6
86	60.2	45.7	68.5



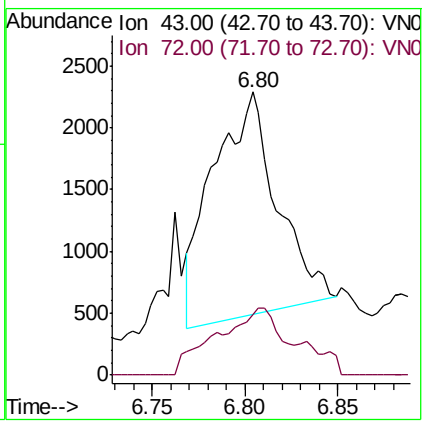


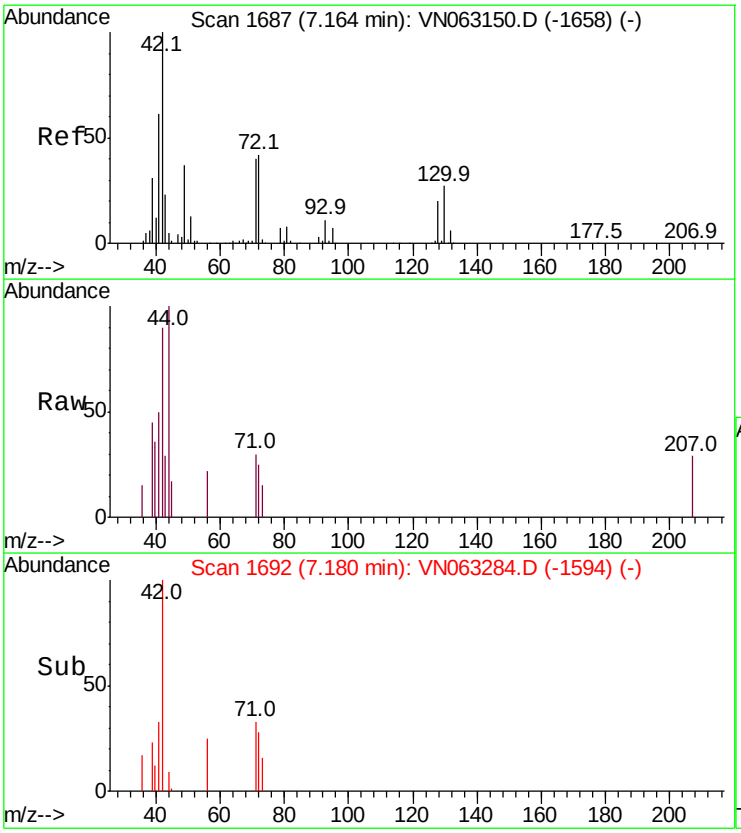
#25
2-Butanone
Concen: 1.489 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. 0.02 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
VNJ-218

Tgt Ion: 43 Resp: 4370

Ion	Ratio	Lower	Upper
43	100		
72	19.8	20.2	30.4#

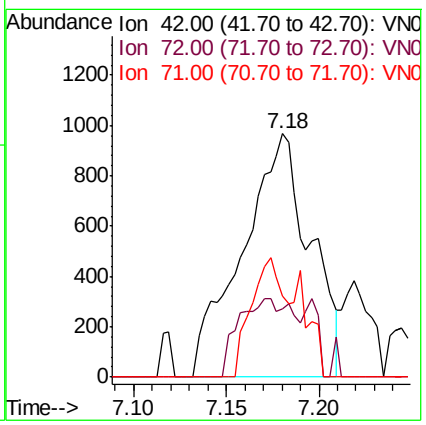


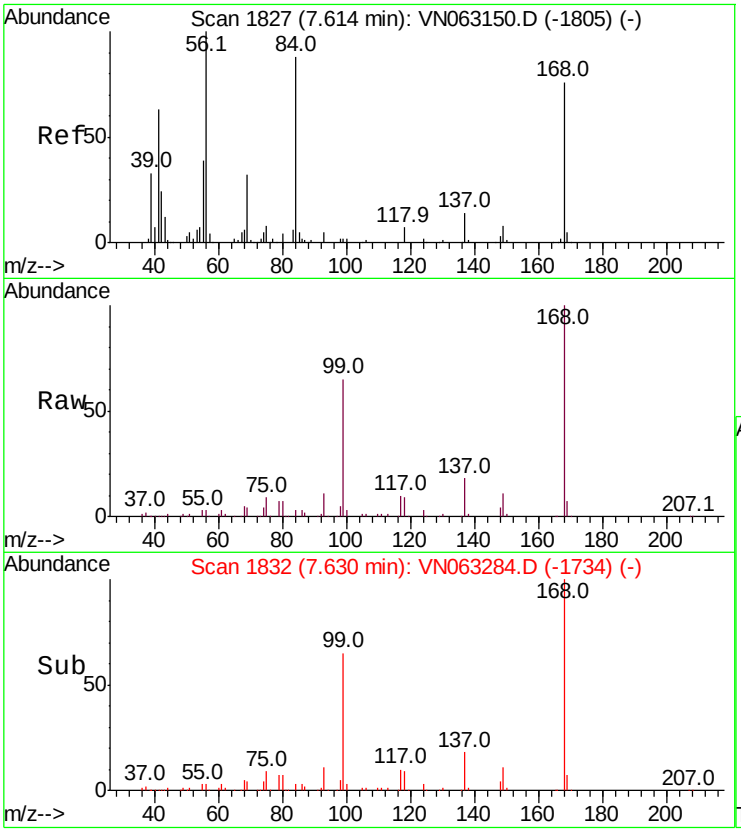


#29
Tetrahydrofuran
Concen: 1.211 ug/l
RT: 7.18 min Scan# 1692
Delta R.T. 0.02 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 42 Resp: 2457

Ion	Ratio	Lower	Upper
42	100		
72	26.1	33.9	50.9#
71	23.6	31.9	47.9#



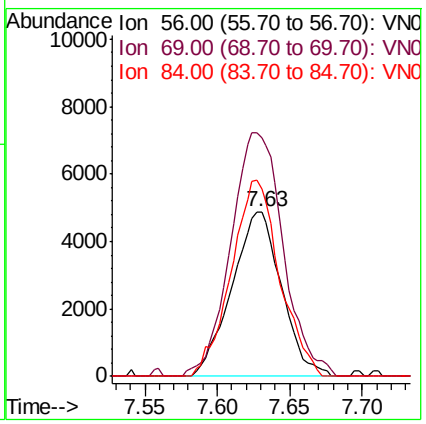


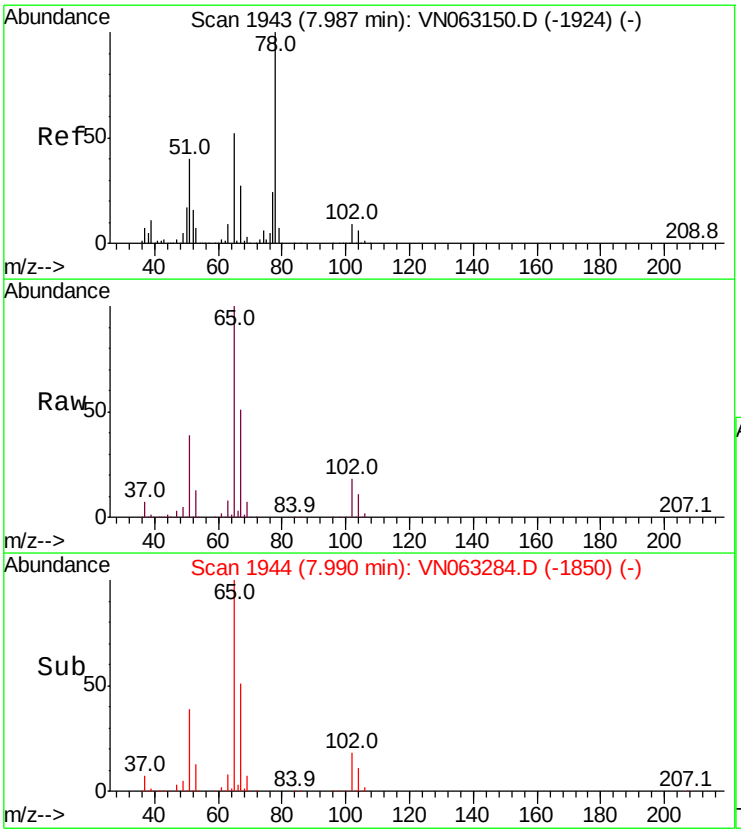
#31
Cyclohexane
Concen: Below Cal
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument : MSVOA_N
ClientSampleId : VNJ-218

Tgt Ion: 56 Resp: 11597

Ion	Ratio	Lower	Upper
56	100		
69	144.9	25.4	38.0#
84	114.0	70.2	105.4#

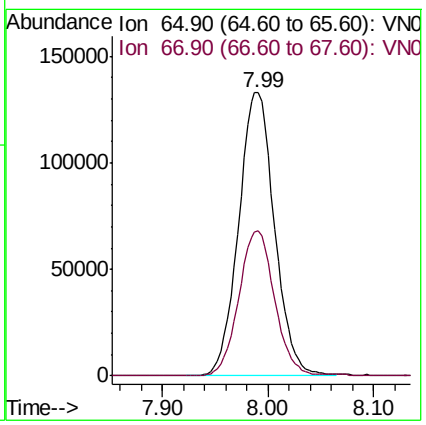


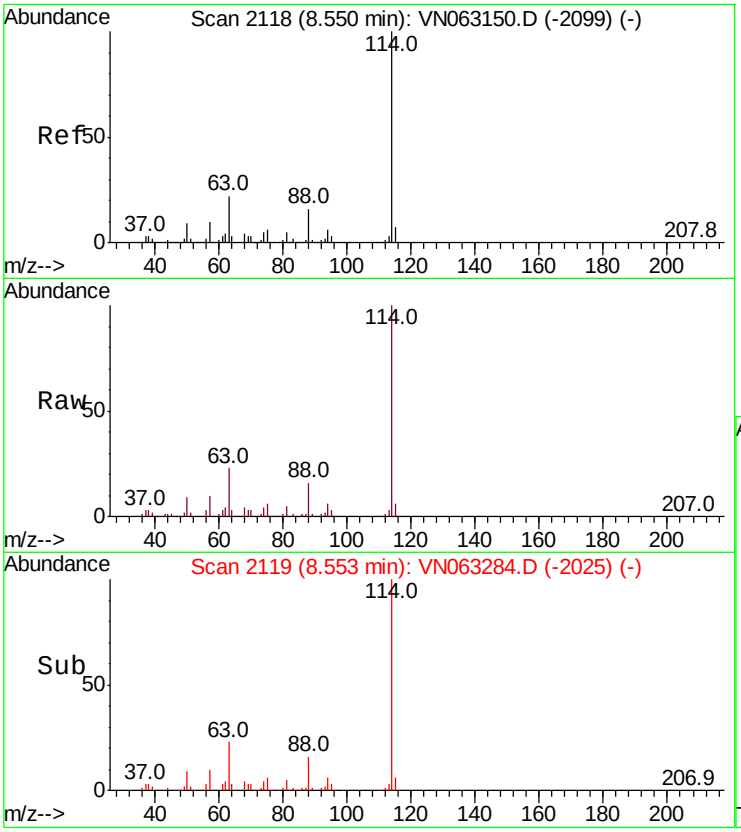


#33
1,2-Dichloroethane-d4
Concen: 47.216 ug/l
RT: 7.99 min Scan# 1944
Delta R.T. 0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 65 Resp: 314765

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.4



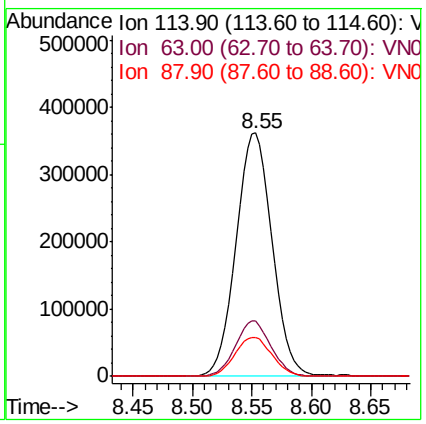


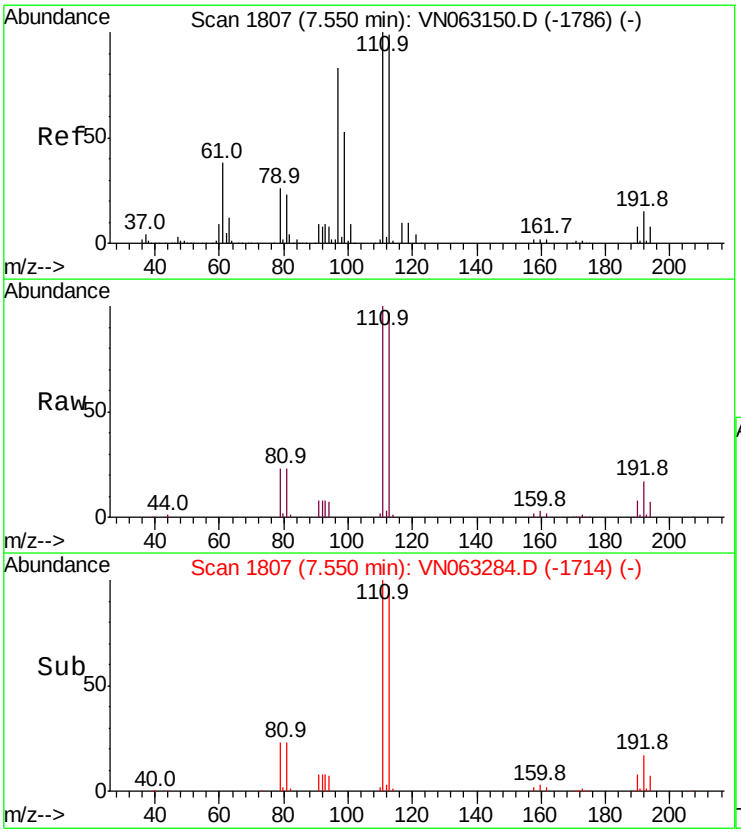
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
VNJ-218

Tgt Ion:114 Resp: 761769

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.0
88	15.9	0.0	31.6

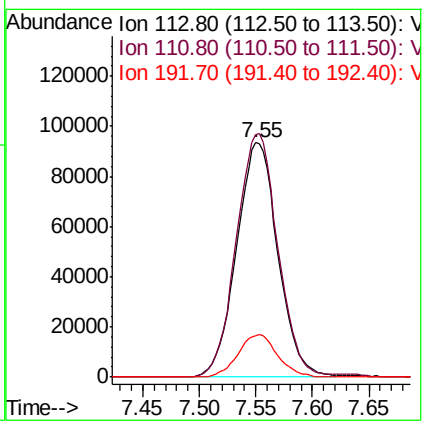


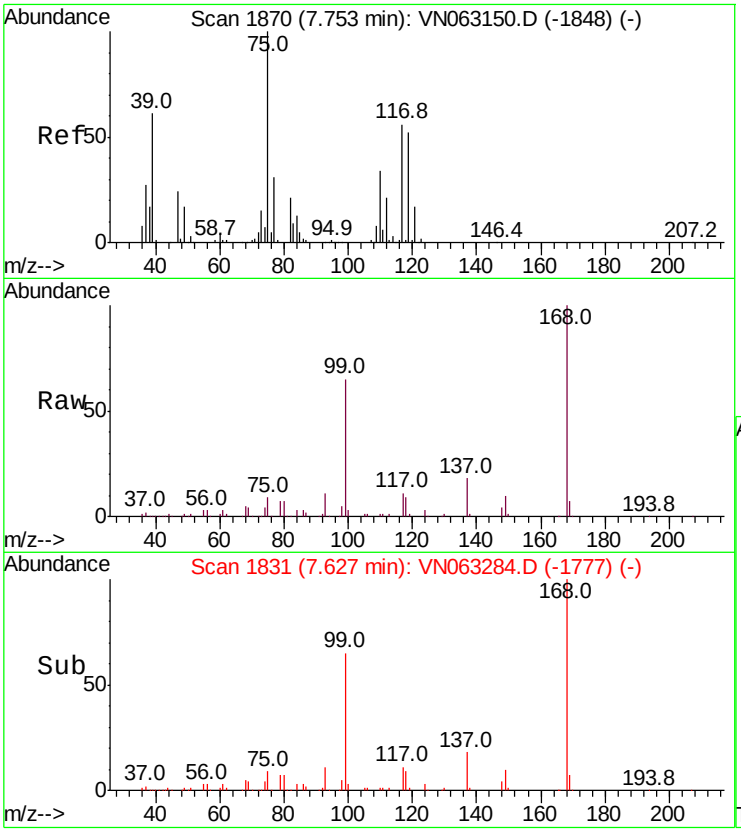


#35
Dibromofluoromethane
Concen: 48.661 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion:113 Resp: 237811

Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.7	121.1
192	17.4	12.6	19.0



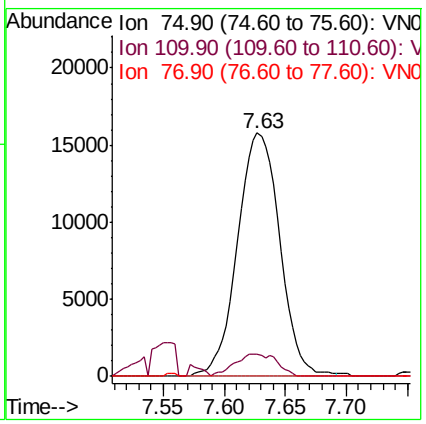


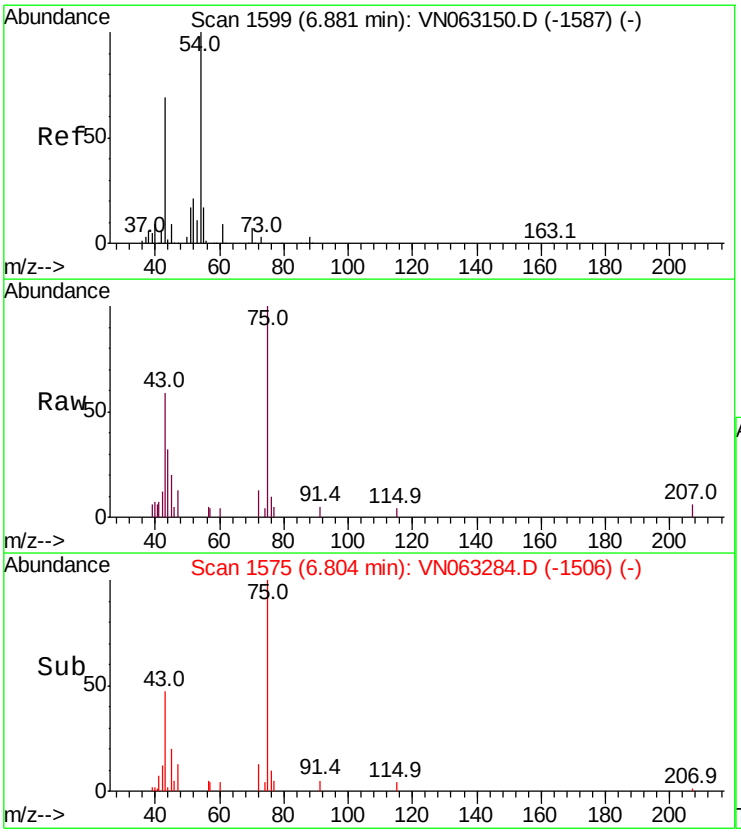
#36
1,1-Dichloropropene
Concen: 5.169 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
VNJ-218

Tgt Ion: 75 Resp: 37853

Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.6	49.8#
77	0.0	25.4	38.2#

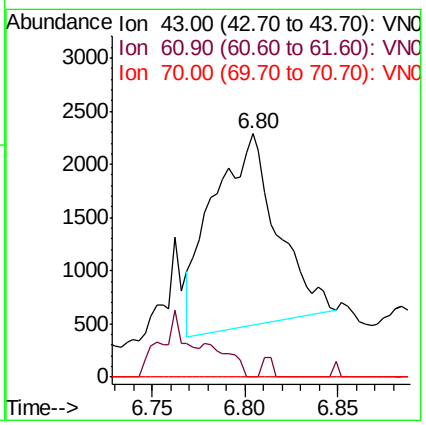


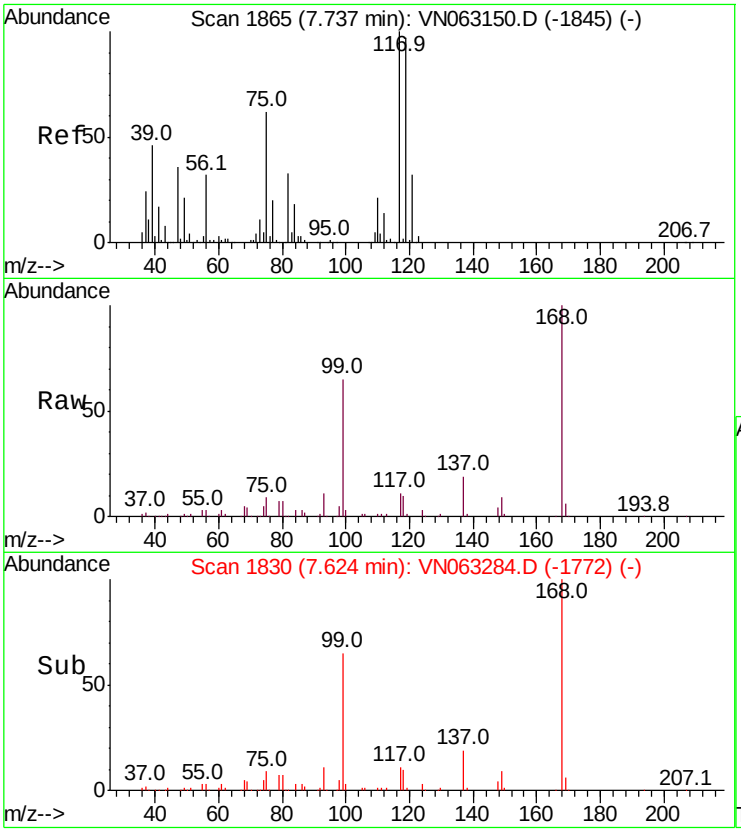


#37
Ethyl Acetate
Concen: 1.007 ug/l
RT: 6.80 min Scan# 1575
Delta R.T. -0.08 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 43 Resp: 4370

Ion	Ratio	Lower	Upper
43	100		
61	1.6	10.2	15.4#
70	0.0	3.0	4.6#



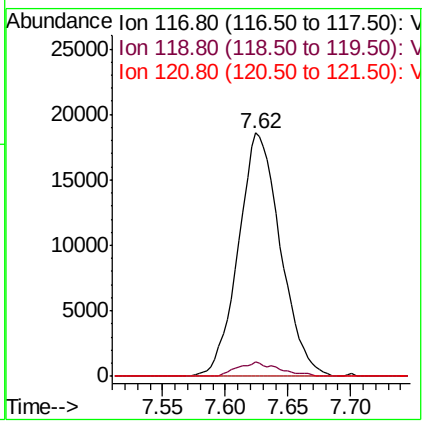


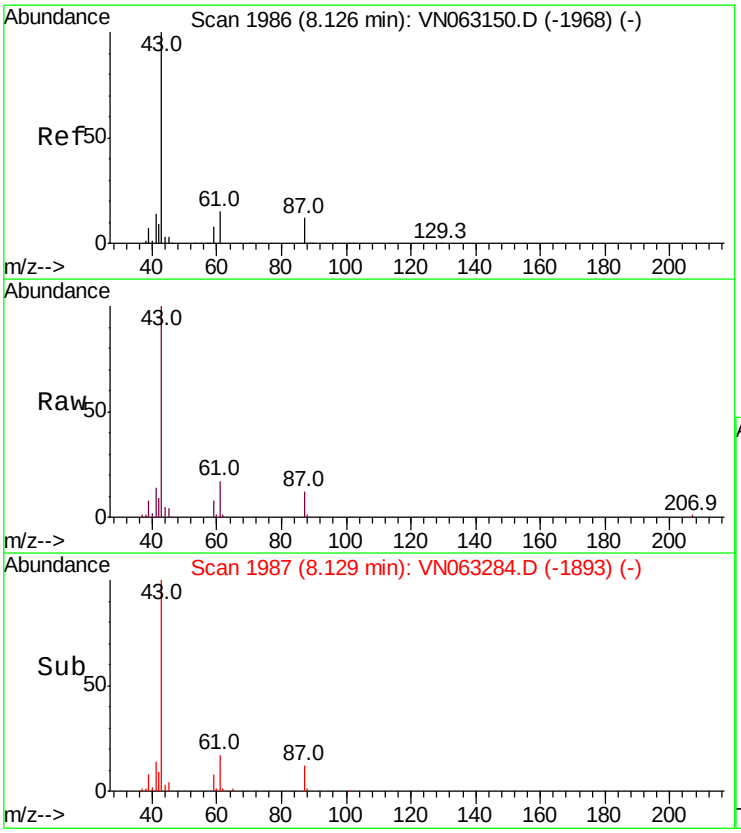
#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument : MSVOA_N
ClientSampleId : VNJ-218

Tgt Ion:117 Resp: 43343

Ion	Ratio	Lower	Upper
117	100		
119	5.8	77.2	115.8#
121	0.0	25.6	38.4#

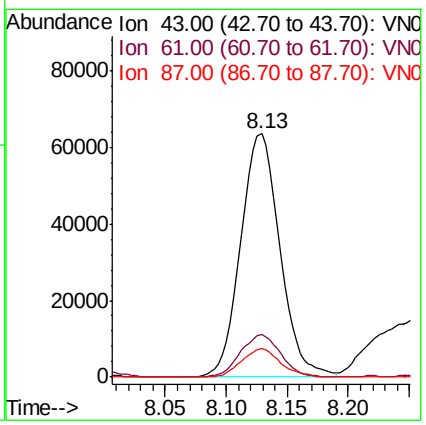


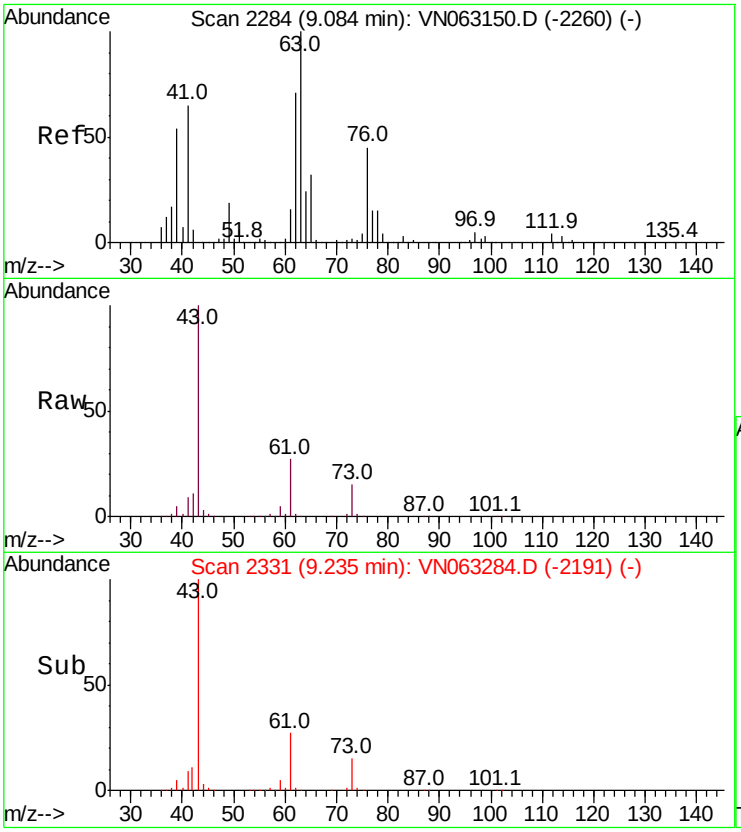


#43
Isopropyl Acetate
Concen: 11.758 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 43 Resp: 140425

Ion	Ratio	Lower	Upper
43	100		
61	18.1	20.2	30.4#
87	11.6	9.8	14.6



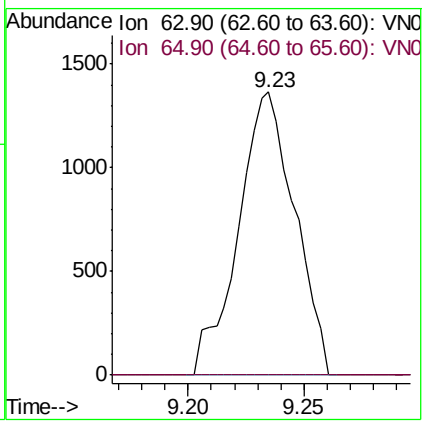


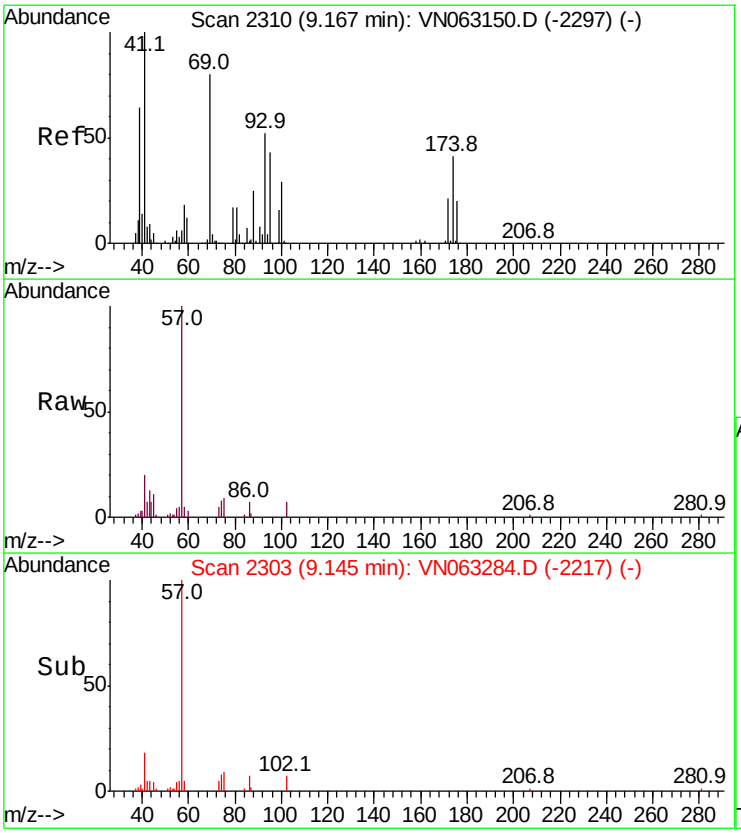
#45
1,2-Dichloropropane
Concen: 0.405 ug/l
RT: 9.23 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument : MSVOA_N
ClientSampleId : VNJ-218

Tgt Ion: 63 Resp: 2310

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.4	38.0#

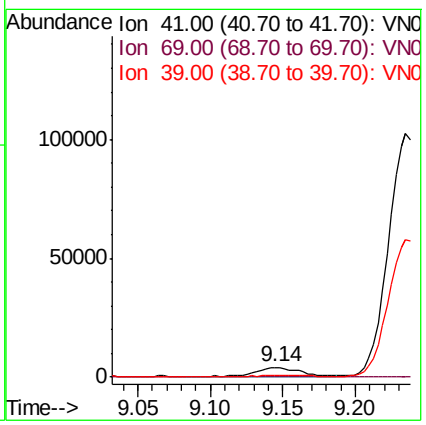


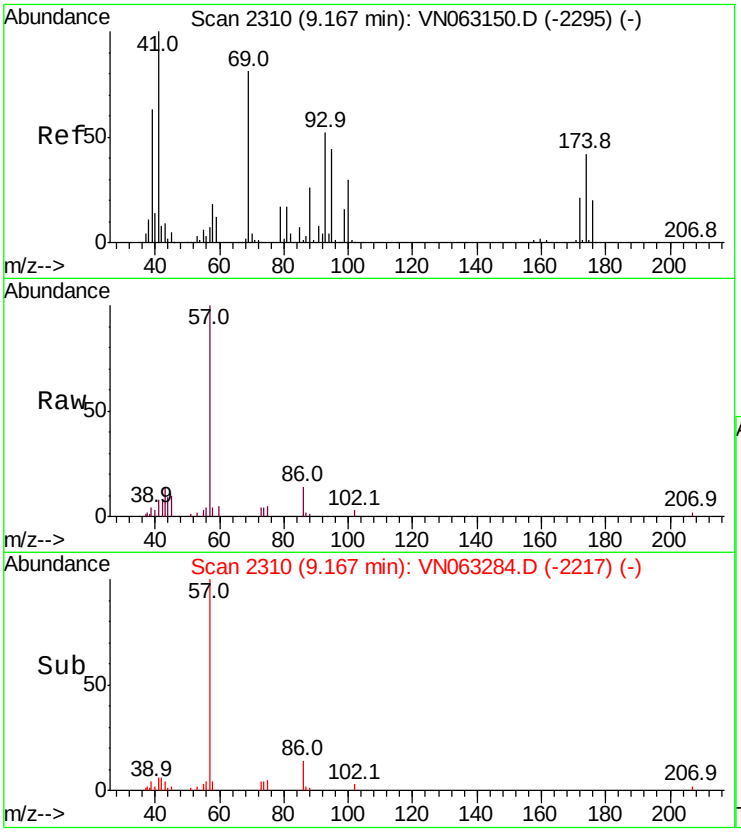


#48
Methyl methacrylate
Concen: 1.567 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 41 Resp: 8438

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



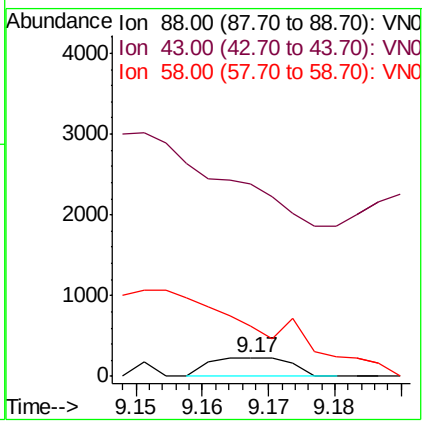


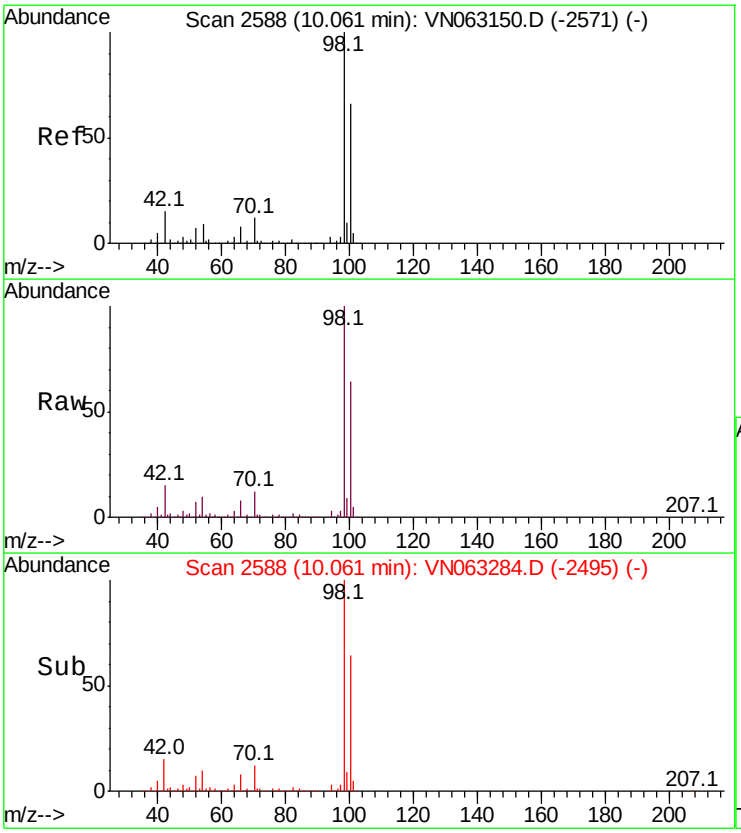
#49
1,4-Dioxane
Concen: 2.378 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
VNJ-218

Tgt Ion: 88 Resp: 198

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

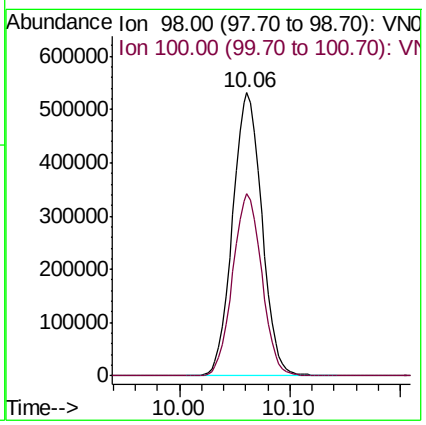


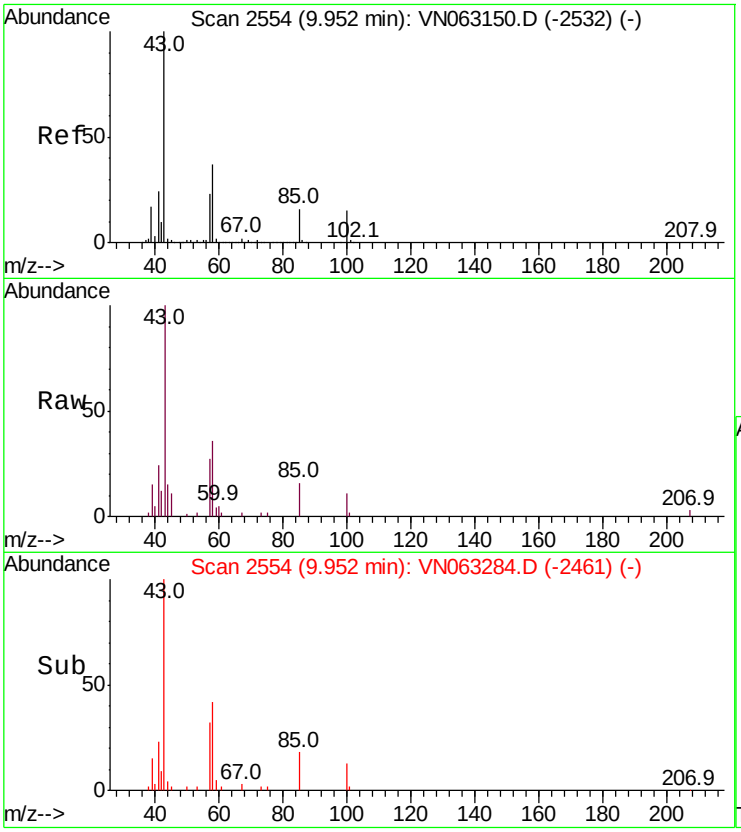


#50
Toluene-d8
Concen: 51.927 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 98 Resp: 976771

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0



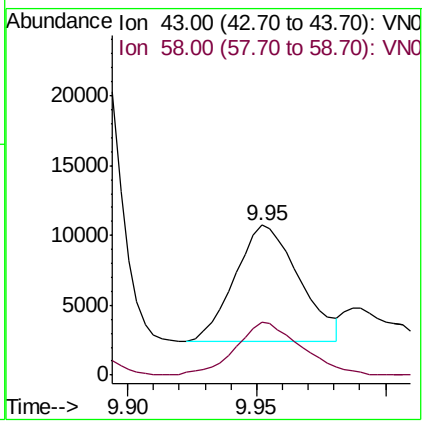


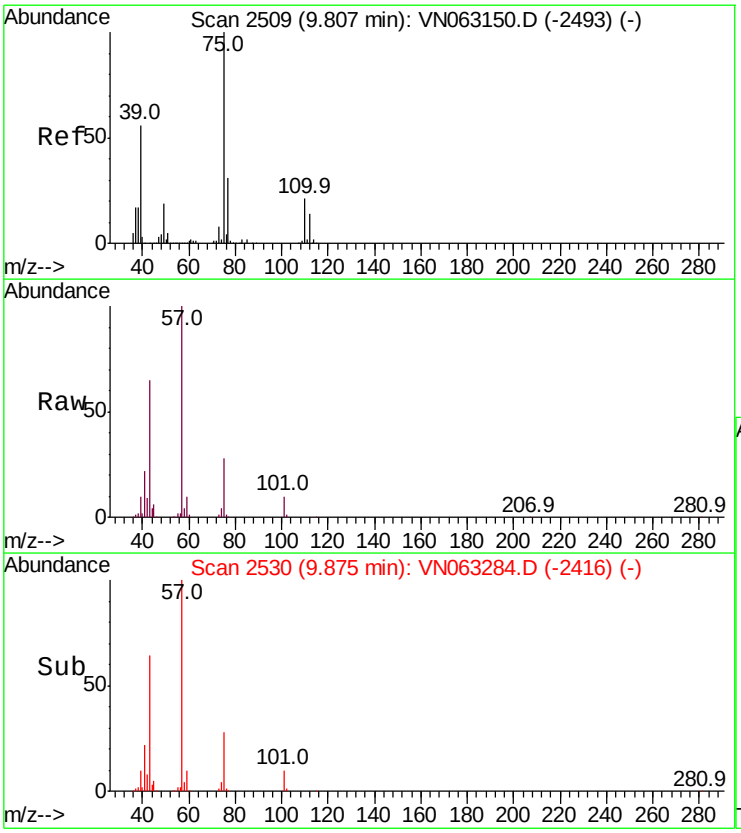
#51
4-Methyl-2-Pentanone
Concen: 2.232 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument : MSVOA_N
ClientSampleId : VNJ-218

Tgt Ion: 43 Resp: 14485

Ion	Ratio	Lower	Upper
43	100		
58	46.7	29.2	43.8#

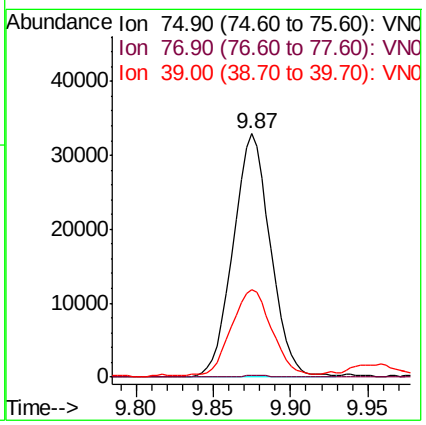


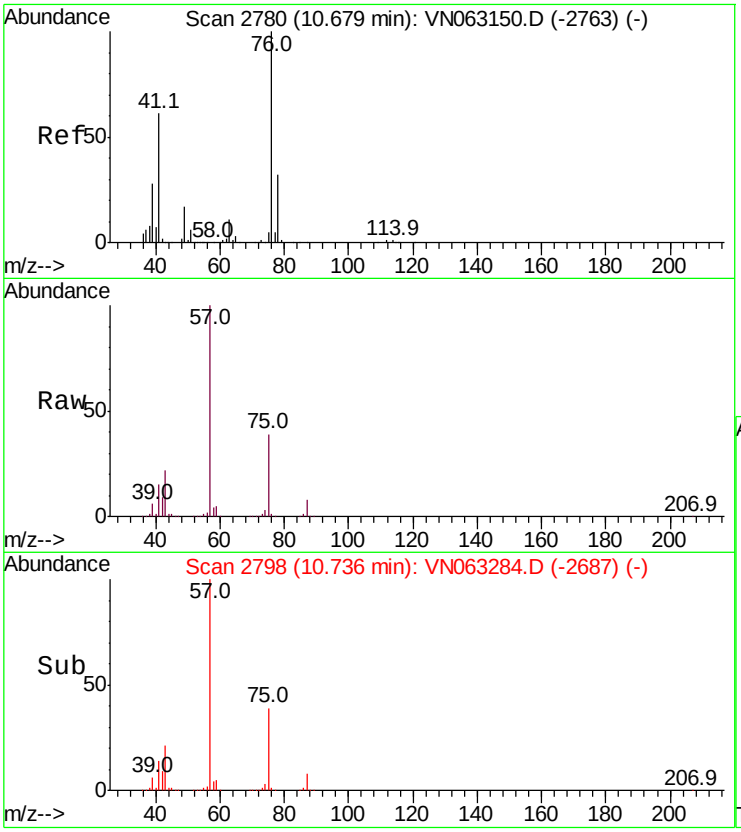


#54
cis-1,3-Dichloropropene
Concen: 5.946 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 75 Resp: 55255

Ion	Ratio	Lower	Upper
75	100		
77	0.5	24.8	37.2#
39	35.5	45.0	67.6#



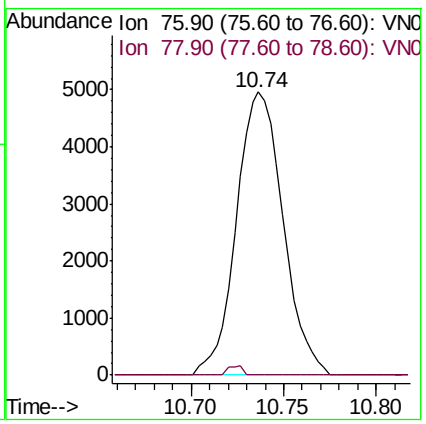


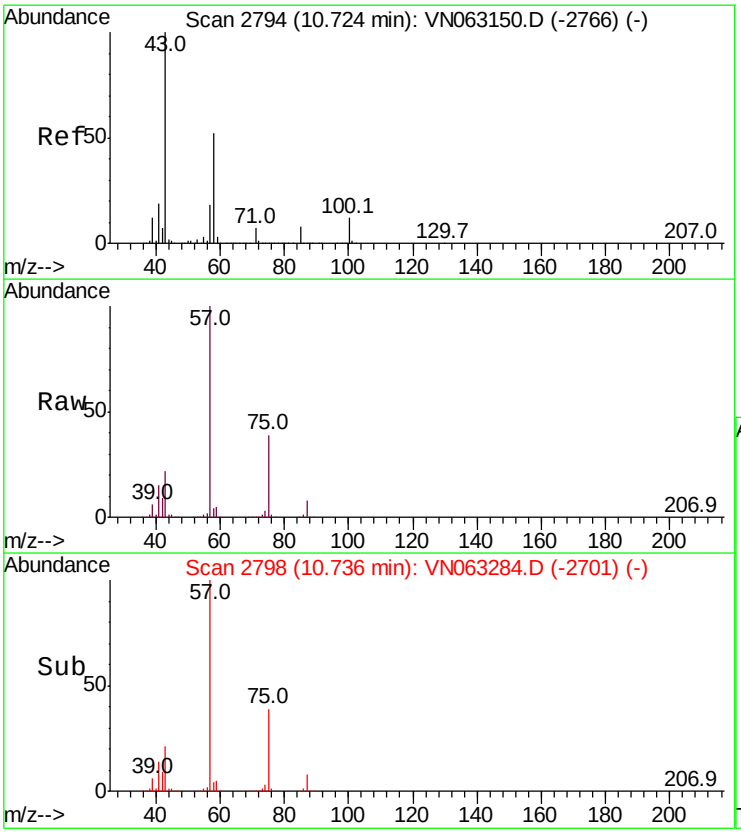
#57
1,3-Dichloropropane
Concen: 0.946 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
VNJ-218

Tgt Ion: 76 Resp: 8656

Ion	Ratio	Lower	Upper
76	100		
78	1.0	25.5	38.3#

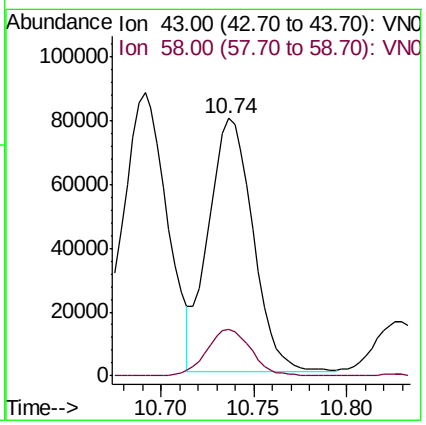


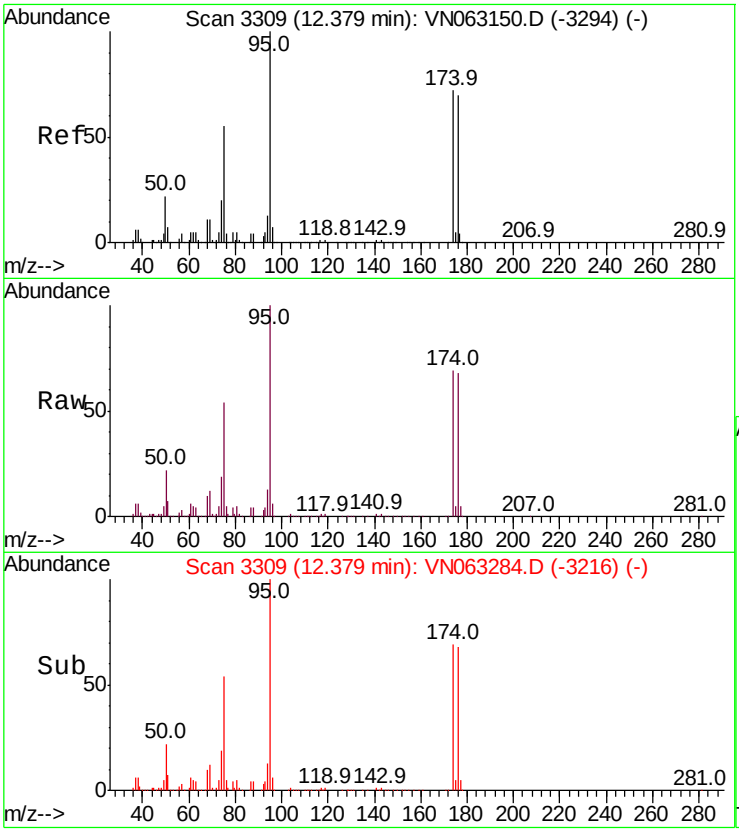


#59
2-Hexanone
Concen: 29.186 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.01 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 43 Resp: 133119

Ion	Ratio	Lower	Upper
43	100		
58	18.3	25.9	77.8#



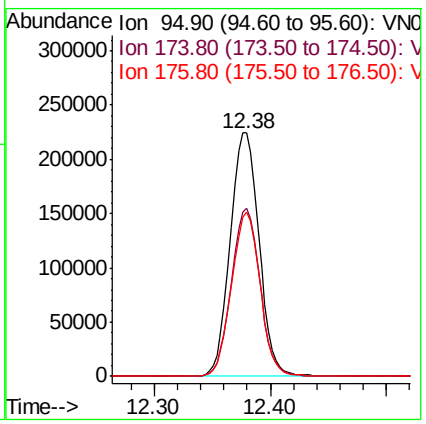


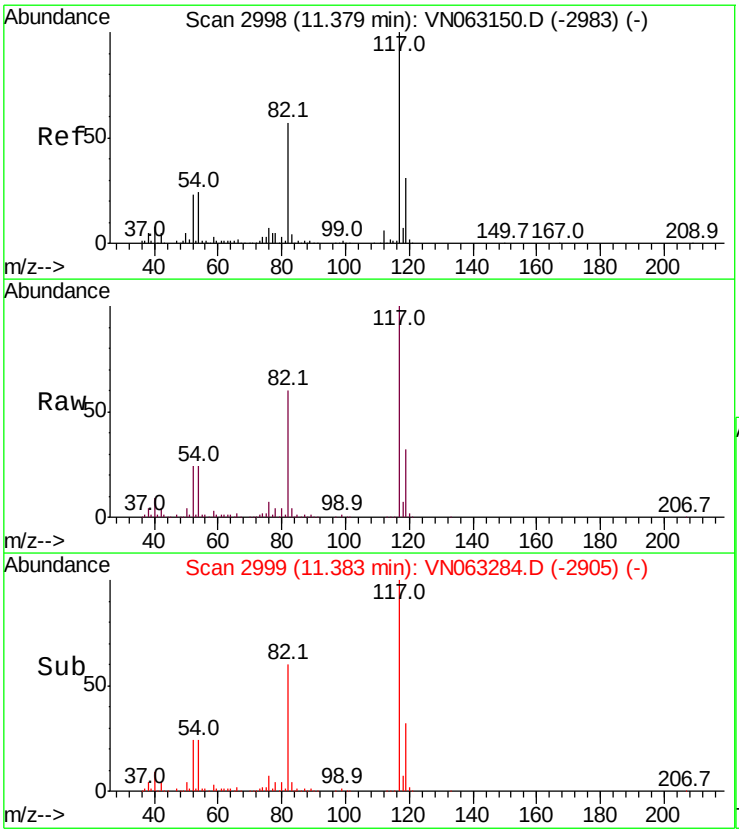
#62
4-Bromofluorobenzene
Concen: 58.606 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. -0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
VNJ-218

Tgt Ion: 95 Resp: 385631

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	143.8
176	66.9	0.0	138.4

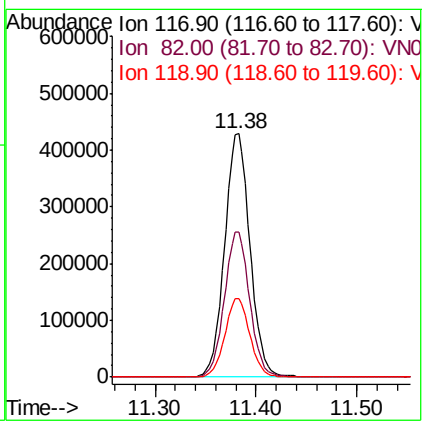


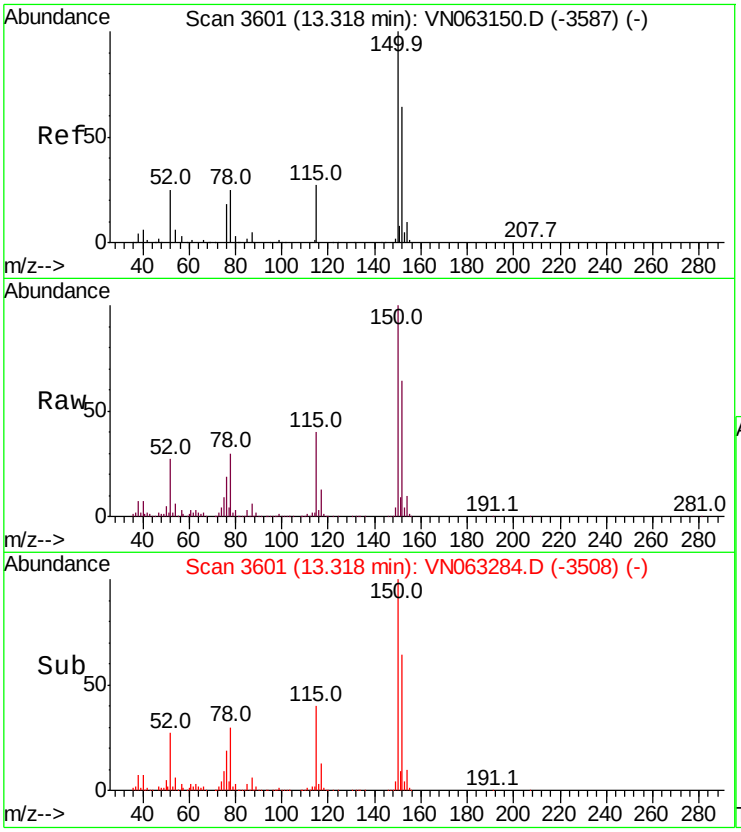


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion:117 Resp: 753343

Ion	Ratio	Lower	Upper
117	100		
82	59.8	45.4	68.0
119	32.4	24.6	37.0



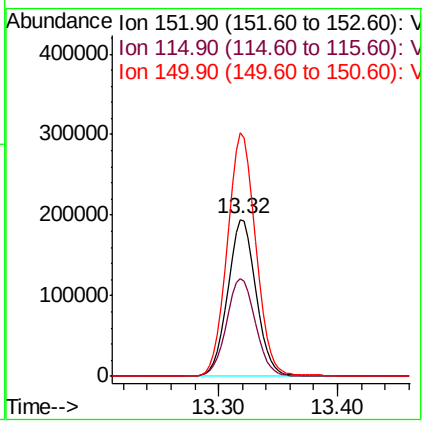


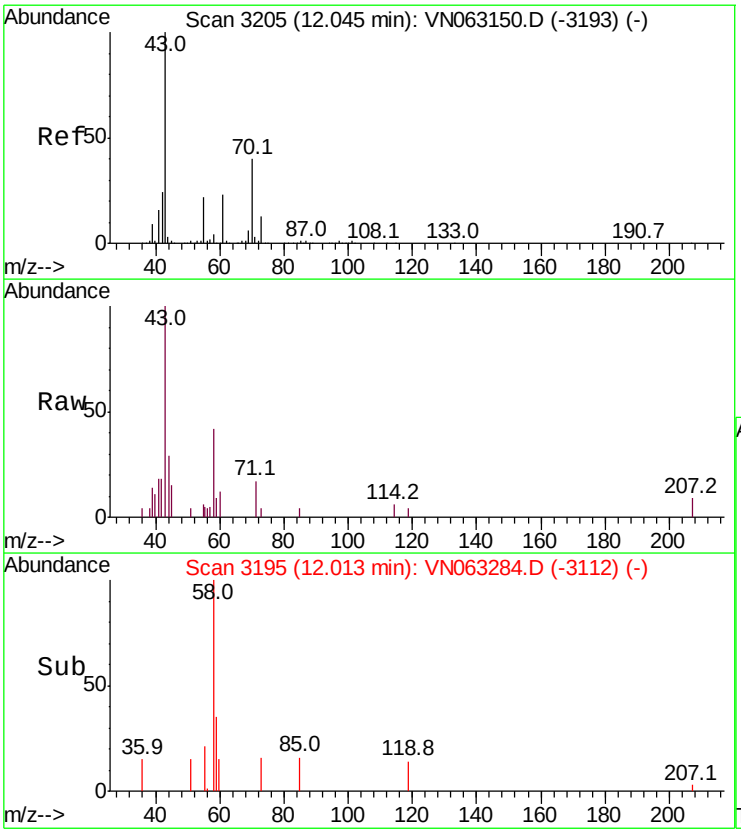
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument : MSVOA_N
ClientSampleId : VNJ-218

Tgt Ion:152 Resp: 321083

Ion	Ratio	Lower	Upper
152	100		
115	63.8	32.0	96.2
150	156.4	0.0	353.0

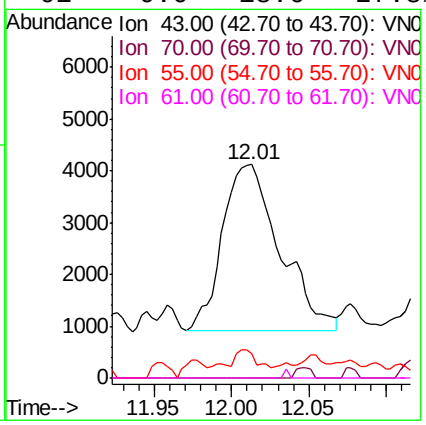


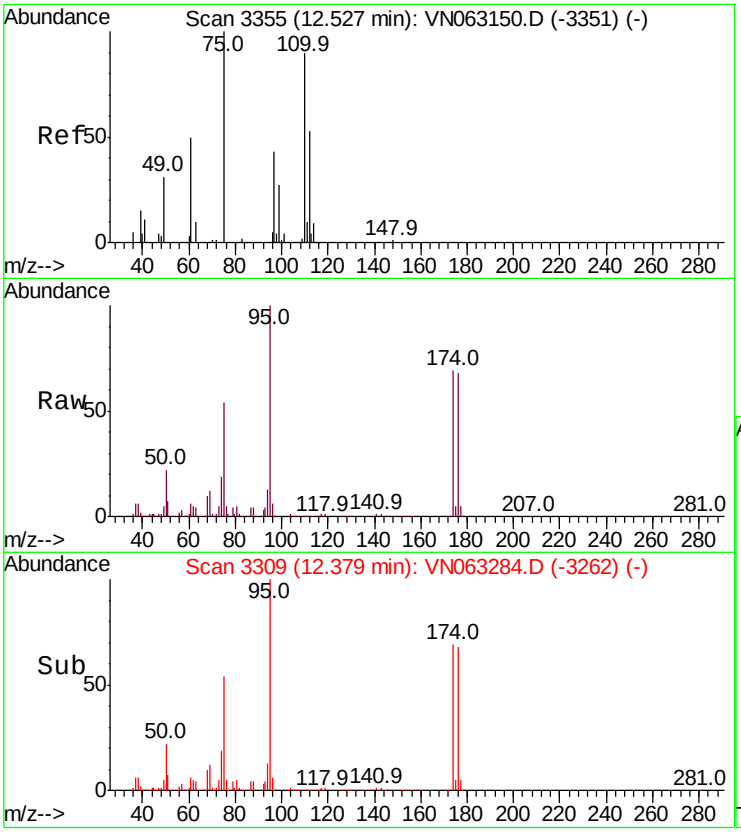


#74
N-amyl acetate
Concen: 0.812 ug/l
RT: 12.01 min Scan# 3195
Delta R.T. -0.03 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 43 Resp: 8288

Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.1	48.1#
55	4.1	17.4	26.0#
61	0.0	18.6	27.8#



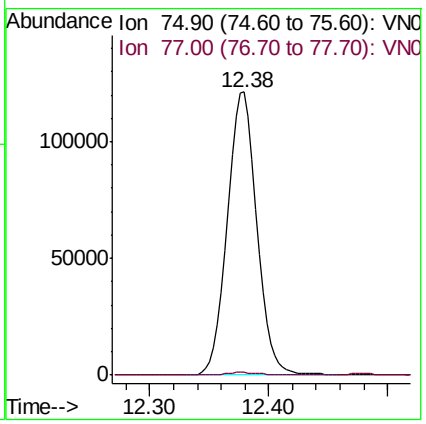


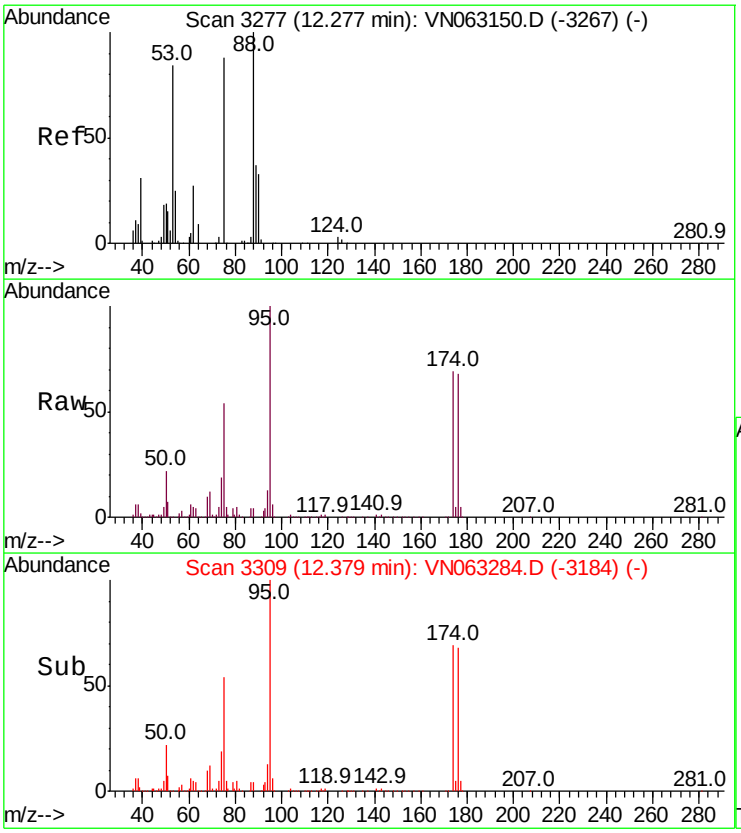
#76
1,2,3-Trichloropropane
Concen: 33.063 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. -0.15 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
VNJ-218

Tgt Ion: 75 Resp: 208582

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

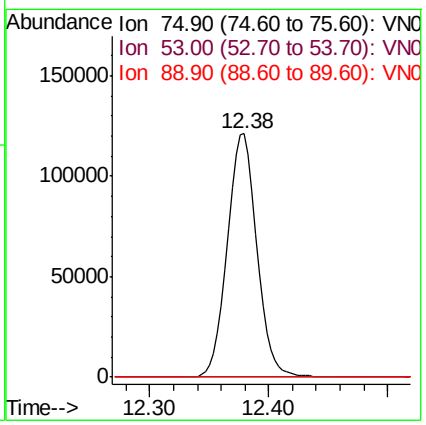


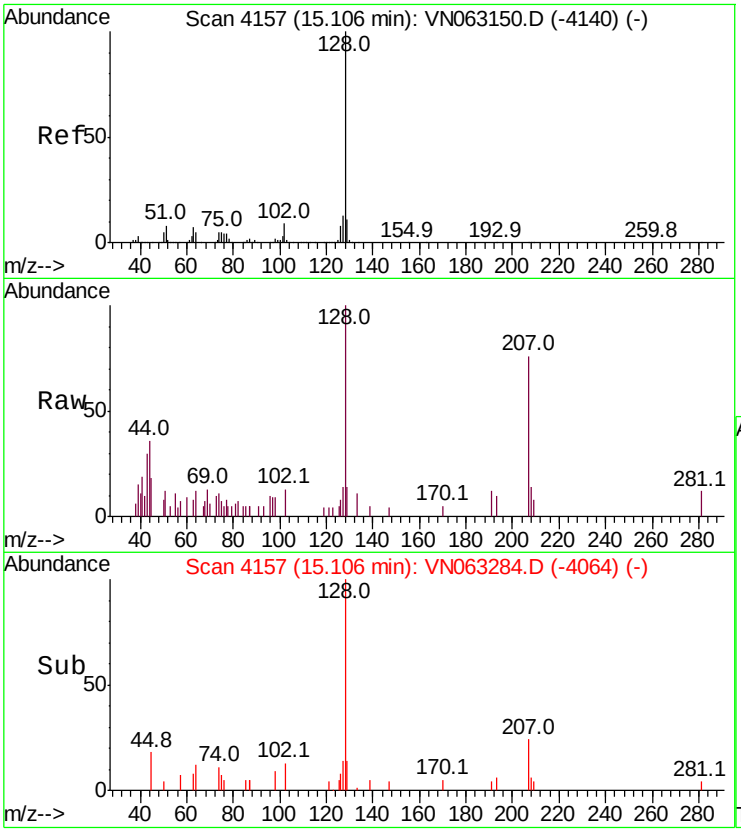


#81
trans-1,4-Dichloro-2-butene
Concen: 79.913 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.10 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Tgt Ion: 75 Resp: 208582

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





#95
Naphthalene
Concen: 0.433 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. -0.00 min
Lab File: VN063284.D
Acq: 9 Sep 2020 15:52

Instrument :
MSVOA_N
ClientSampleId :
VNJ-218

Tgt Ion:128 Resp: 8013

Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	8.7	8.6	13.0