Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092820\
Data File : VN063708.D
Acq On : 28 Sep 2020 16:21
Operator : JC/MD
Sample : PB131914ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB131914ZHE#03

Quant Time: Sep 29 00:40:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	217675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	411019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	430905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	191185	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.20%			
35) Dibromofluoromethane	7.55	113	135641	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.34%			
50) Toluene-d8	10.06	98	536089	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.22%			
62) 4-Bromofluorobenzene	12.38	95	217038	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.68%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.72	59	632	1.231	ug/l #	72
13) Acrolein	3.80	56	68	0.357	ug/l #	13
16) Acetone	3.78	43	15516	13.029	ug/l	97
18) Methyl Acetate	4.29	43	2101	0.695	ug/l #	89
20) Methylene Chloride	4.51	84	14450	4.789	ug/l	87
25) 2-Butanone	6.79	43	11514	6.287	ug/l	95
29) Tetrahydrofuran	7.17	42	2066	1.652	ug/l #	53
31) Cyclohexane	7.63	56	6624	1.294	ug/l #	32
36) 1,1-Dichloropropene	7.63	75	19591	4.474	ug/l #	50
38) Carbon Tetrachloride	7.63	117	24762	5.540	ug/l #	18
41) Methacrylonitrile	7.16	41	400	0.207	ug/l #	100
43) Isopropyl Acetate	8.13	43	70760	9.208	ug/l	98
45) 1,2-Dichloropropane	9.24	63	1150	0.338	ug/l #	43
48) Methyl methacrylate	9.14	41	4746	1.257	ug/l #	15
49) 1,4-Dioxane	9.18	88	67	1.237	ug/l #	20
51) 4-Methyl-2-Pentanone	9.96	43	7538	1.752	ug/l #	77
54) cis-1,3-Dichloropropene	9.87	75	27614	5.045	ug/l #	64
56) Ethyl methacrylate	10.52	69	1730	0.371	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	4846	0.900	ug/l #	42
59) 2-Hexanone	10.74	43	83201	26.695	ug/l #	56
71) Bromoform	12.38	173	1720	0.689	ug/l #	1
74) N-amyl acetate	12.00	43	3619	0.529	ug/l #	48
76) 1,2,3-Trichloropropane	12.38	75	119277	26.700	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3242	0.269	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	119277	73.200	ug/l #	7

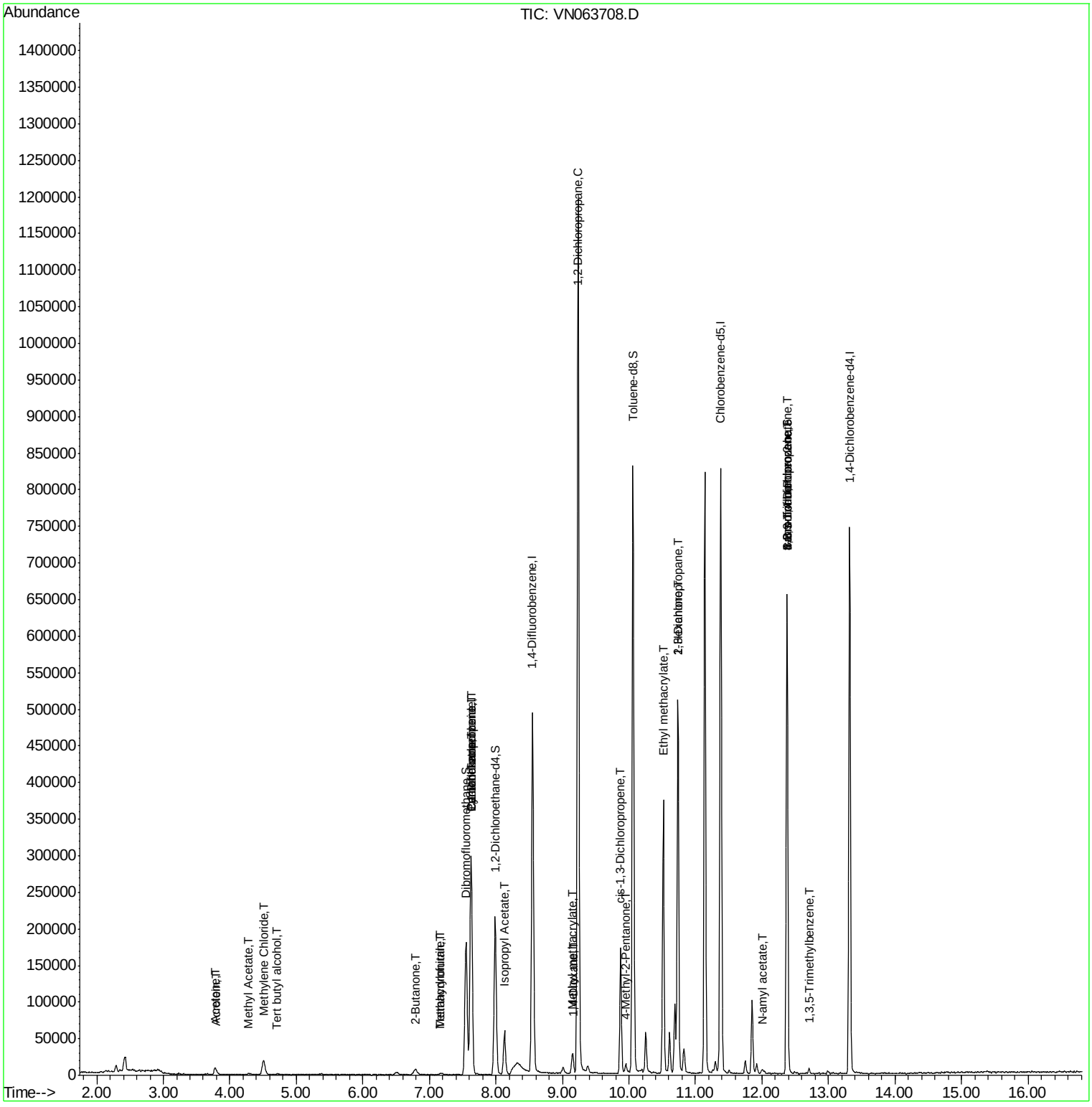
(#) = qualifier out of range (m) = manual integration (+) = signals summed

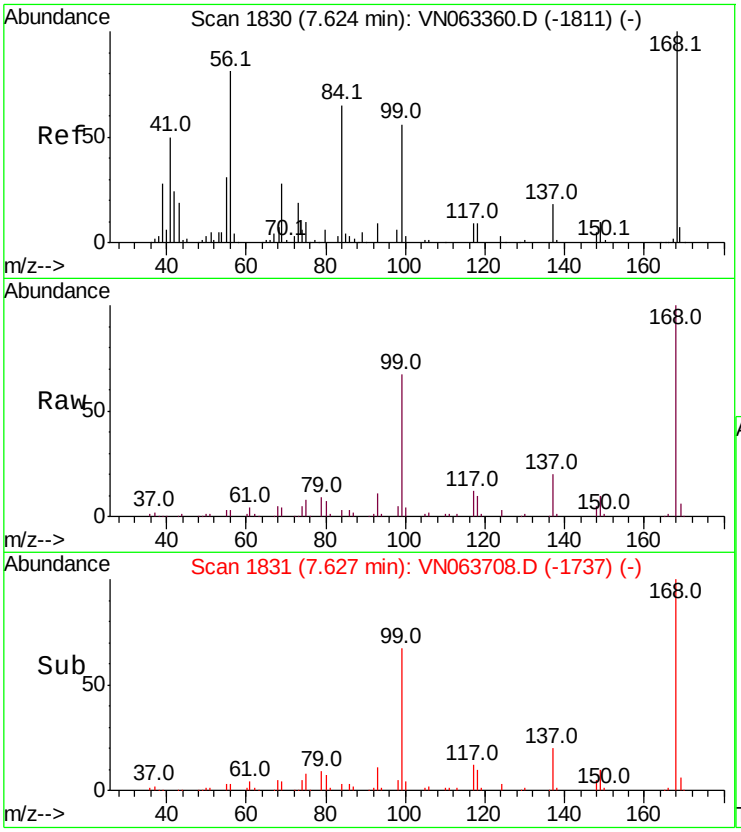
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092820\
Data File : VN063708.D
Acq On : 28 Sep 2020 16:21
Operator : JC/MD
Sample : PB131914ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB131914ZHE#03

Quant Time: Sep 29 00:40:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 2020
Response via : Initial Calibration



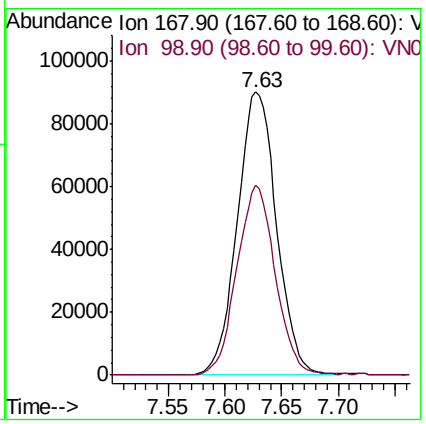


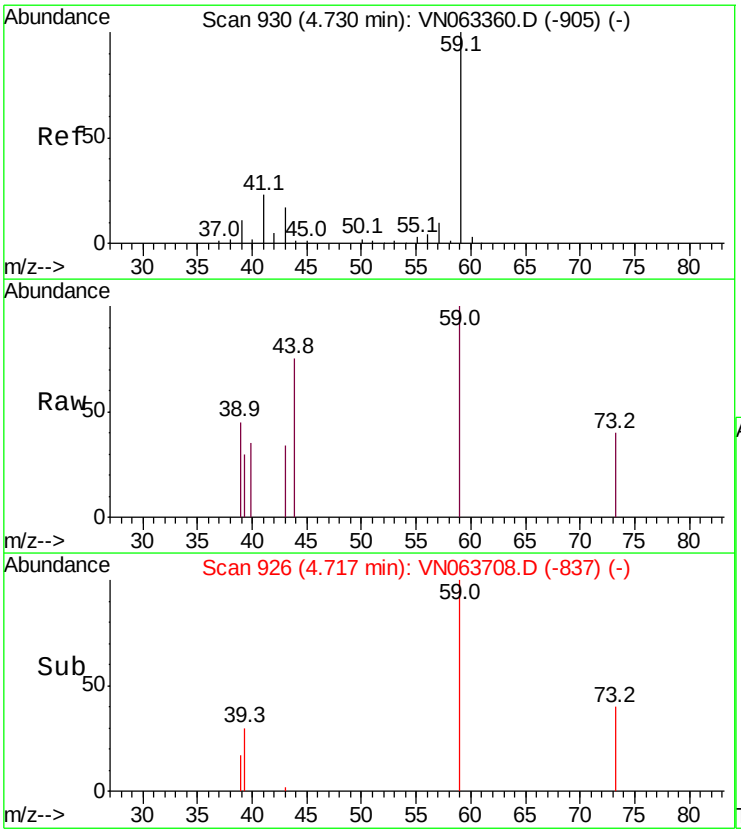
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#03

Tgt Ion:168 Resp: 217675

Ion	Ratio	Lower	Upper
168	100		
99	66.9	53.0	79.6

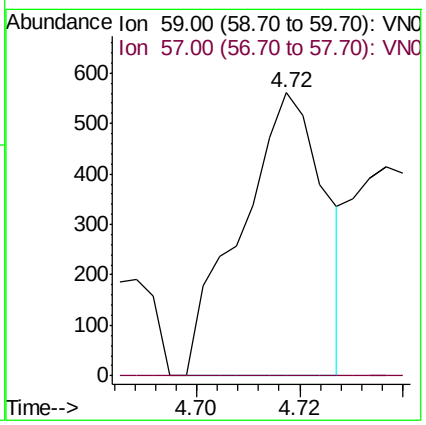


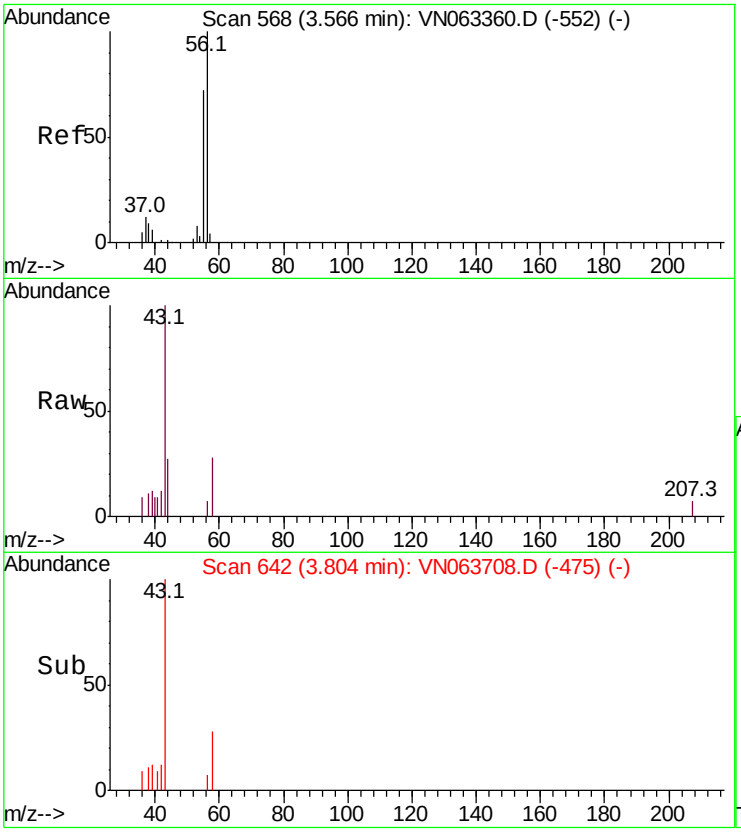


#11
Tert butyl alcohol
Concen: 1.231 ug/l
RT: 4.72 min Scan# 926
Delta R.T. -0.01 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 59 Resp: 632

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



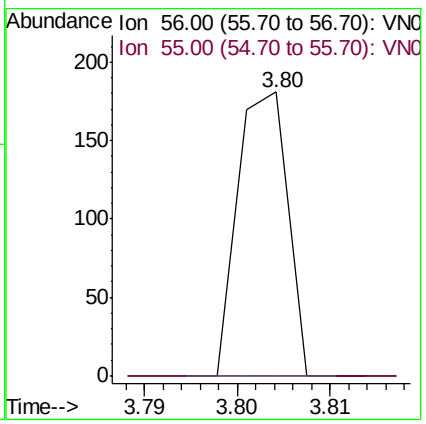


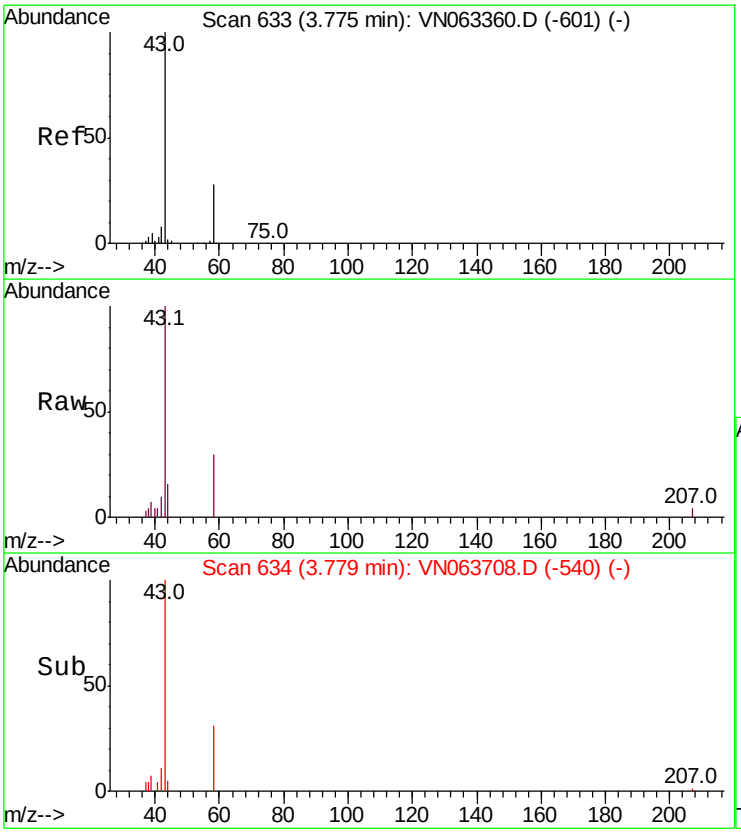
#13
Acrolein
Concen: 0.357 ug/l
RT: 3.80 min Scan# 642
Delta R.T. 0.24 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#03

Tgt Ion: 56 Resp: 68

Ion	Ratio	Lower	Upper
56	100		
55	0.0	58.2	87.2#

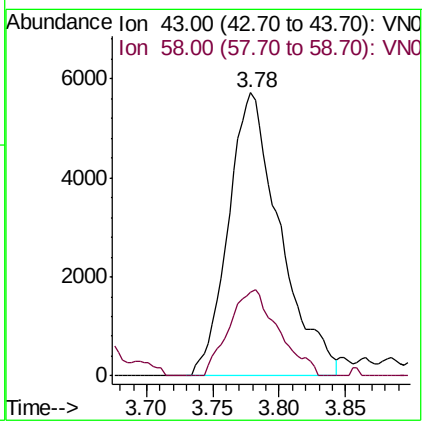


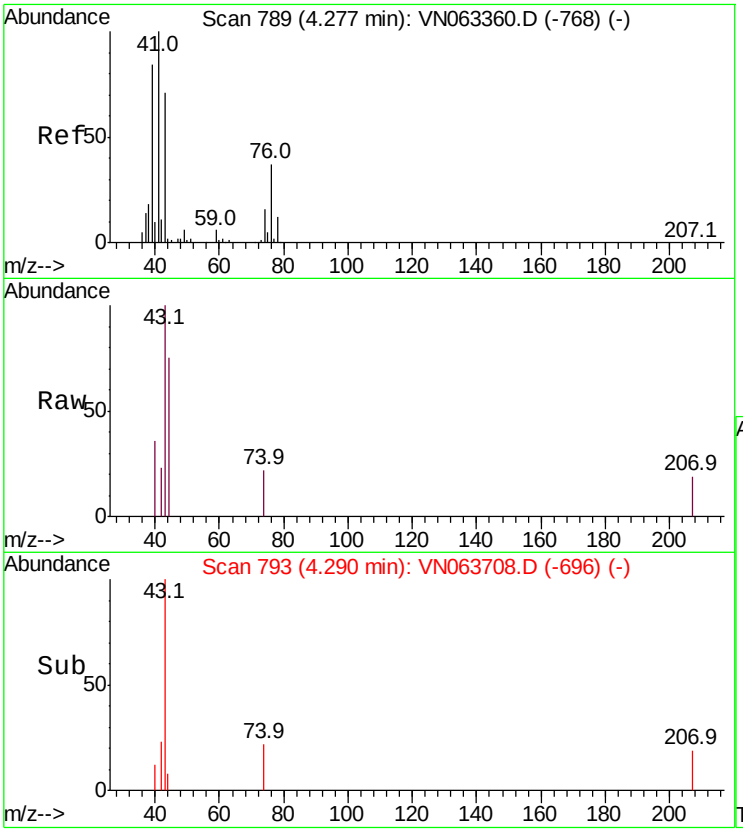


#16
Acetone
Concen: 13.029 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 43 Resp: 15516

Ion	Ratio	Lower	Upper
43	100		
58	29.7	22.3	33.5



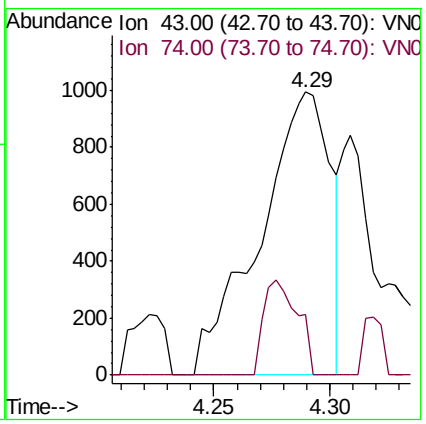


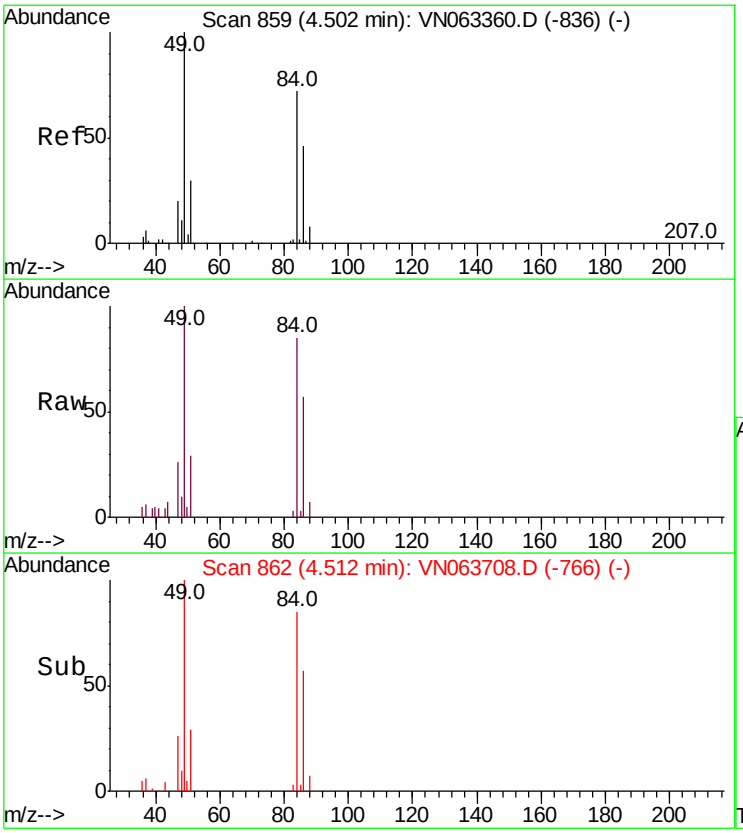
#18
Methyl Acetate
Concen: 0.695 ug/l
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#03

Tgt Ion: 43 Resp: 2101

Ion	Ratio	Lower	Upper
43	100		
74	16.4	17.4	26.2#

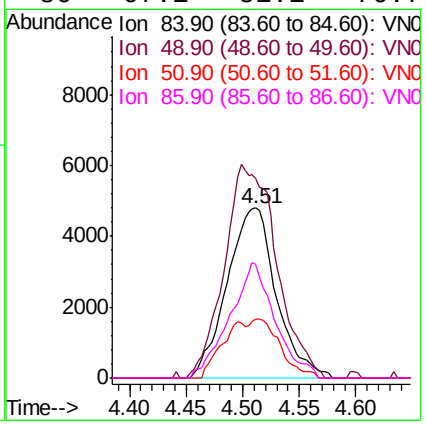


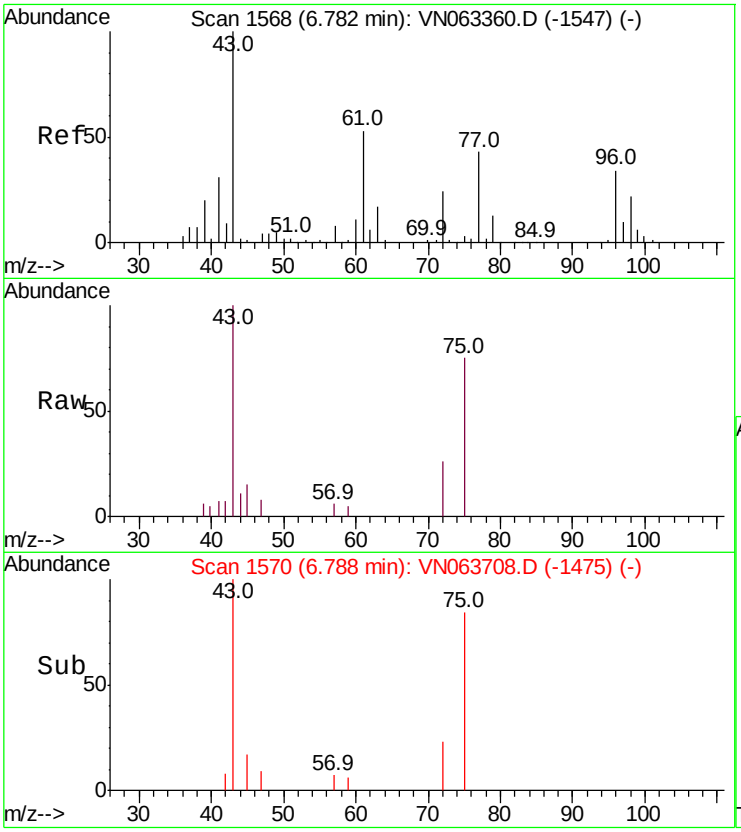


#20
Methylene Chloride
Concen: 4.789 ug/l
RT: 4.51 min Scan# 862
Delta R.T. 0.01 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 84 Resp: 14450

Ion	Ratio	Lower	Upper
84	100		
49	117.3	110.7	166.1
51	34.5	32.9	49.3
86	67.1	51.1	76.7



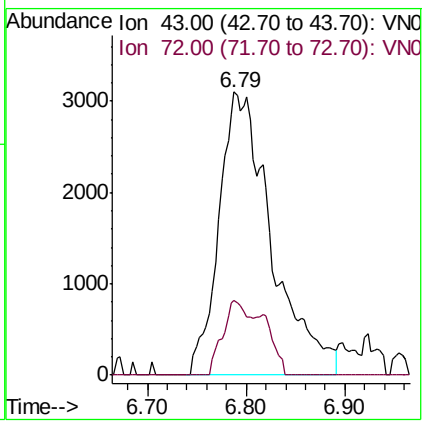


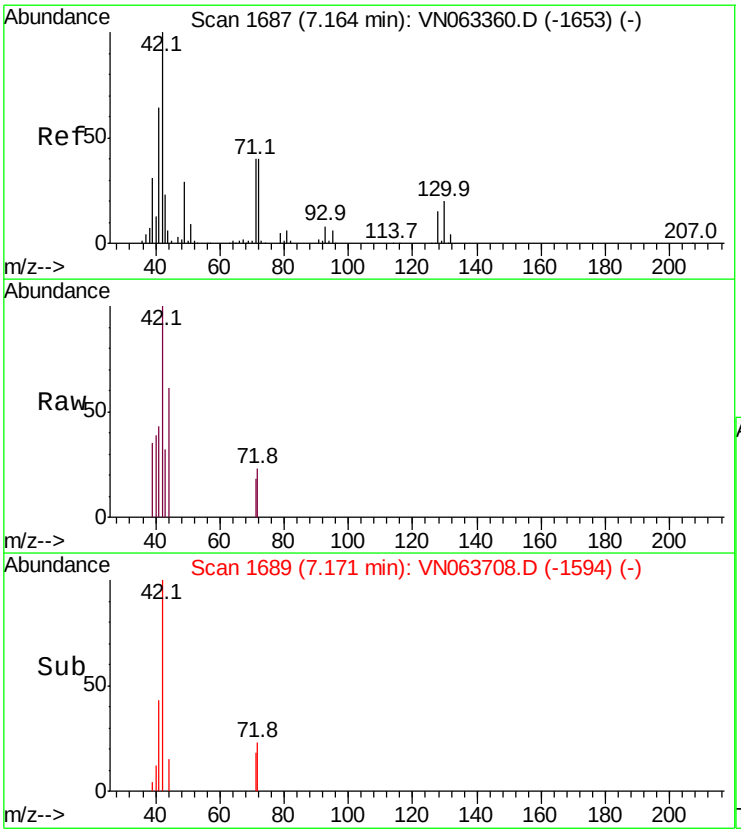
#25
2-Butanone
Concen: 6.287 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#03

Tgt Ion: 43 Resp: 11514

Ion	Ratio	Lower	Upper
43	100		
72	26.3	19.2	28.8

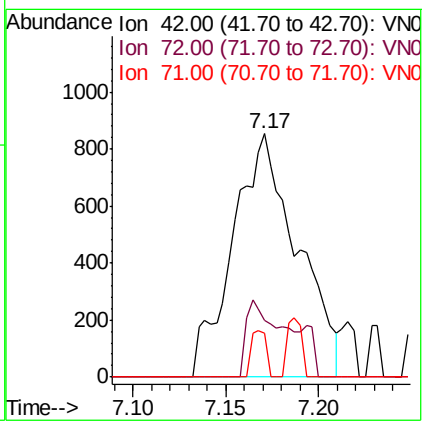


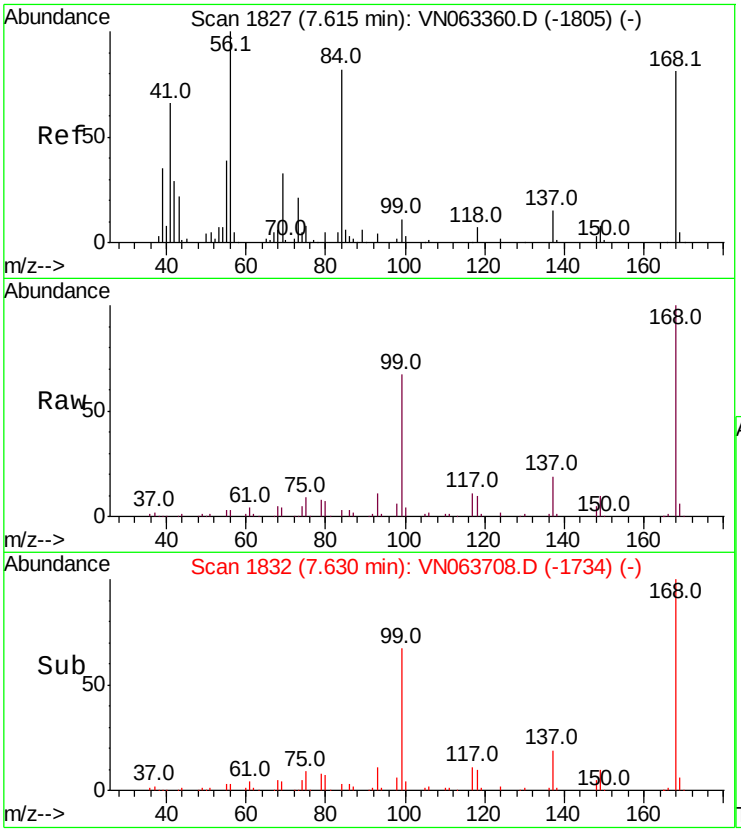


#29
Tetrahydrofuran
Concen: 1.652 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 42 Resp: 2066

Ion	Ratio	Lower	Upper
42	100		
72	16.7	32.1	48.1#
71	4.4	31.2	46.8#



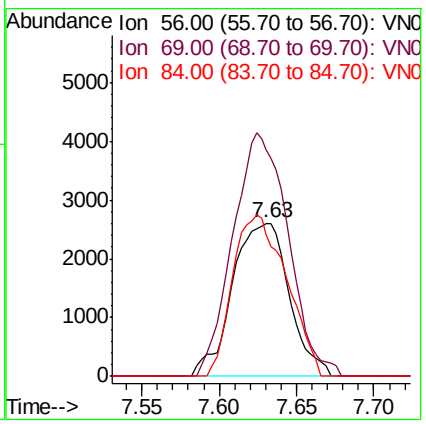


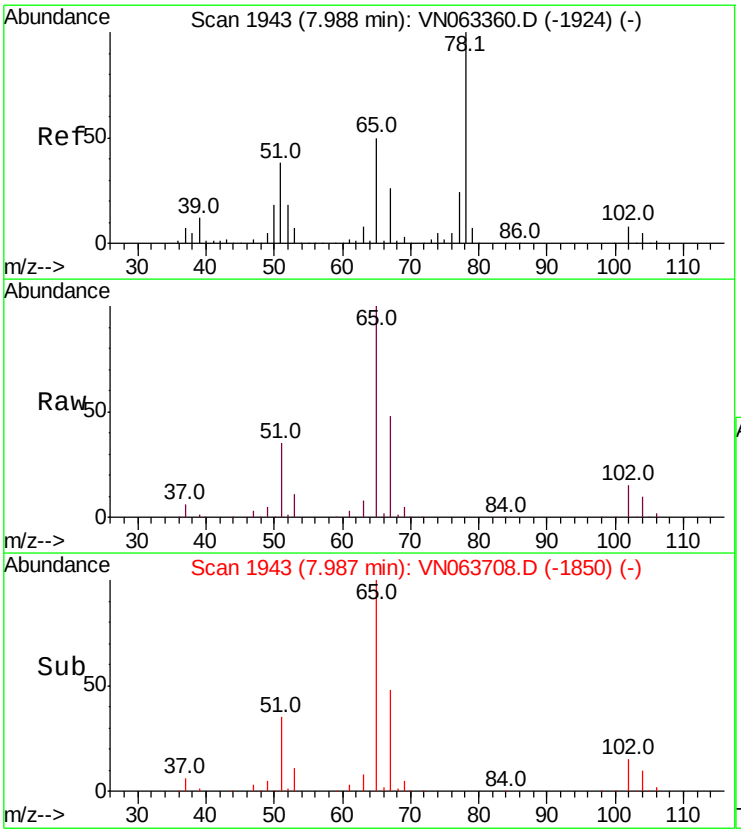
#31
Cyclohexane
Concen: 1.294 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument : MSVOA_N
ClientSampleId : PB131914ZHE#03

Tgt Ion: 56 Resp: 6624

Ion	Ratio	Lower	Upper
56	100		
69	148.7	26.1	39.1#
84	93.0	65.4	98.2

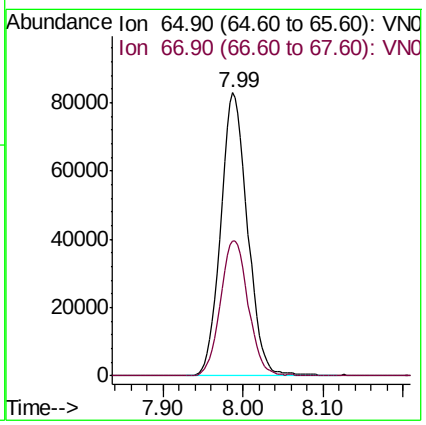


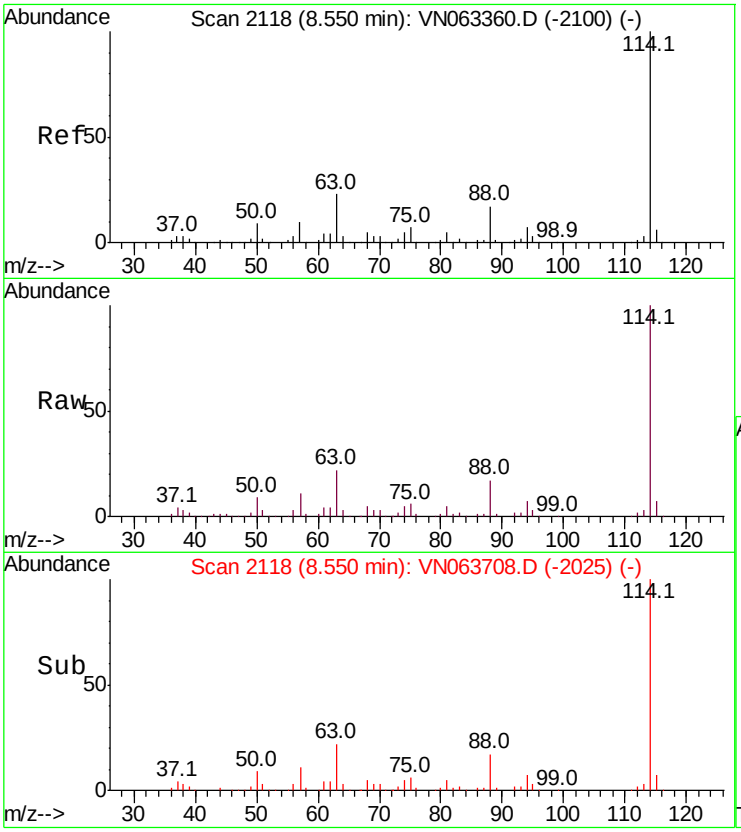


#33
1,2-Dichloroethane-d4
Concen: 51.596 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 65 Resp: 191185

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	104.2



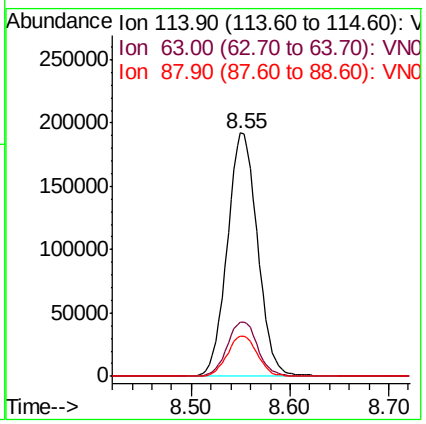


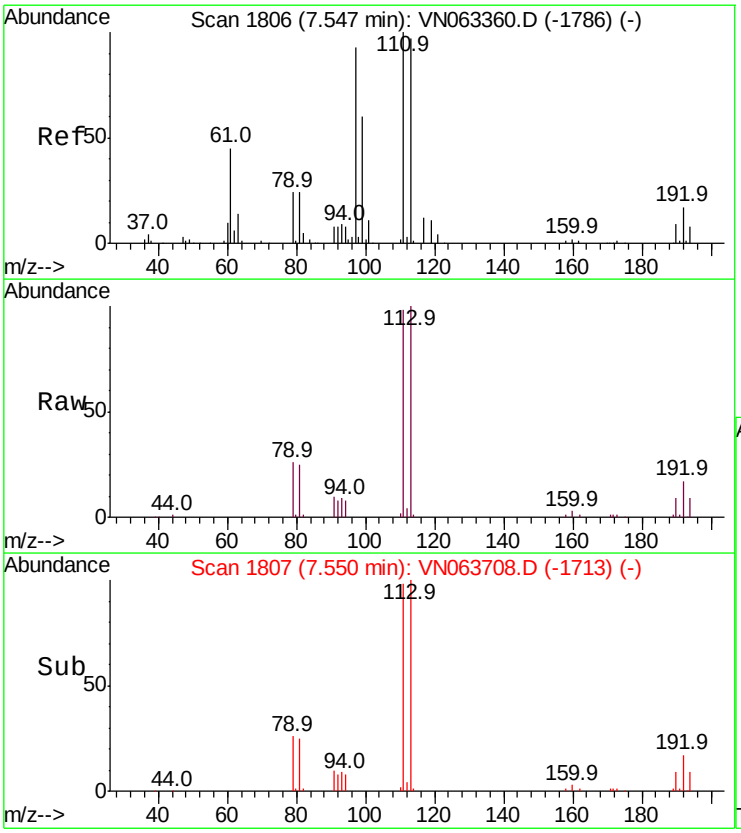
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#03

Tgt Ion:114 Resp: 411019

Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	46.4
88	16.7	0.0	33.2

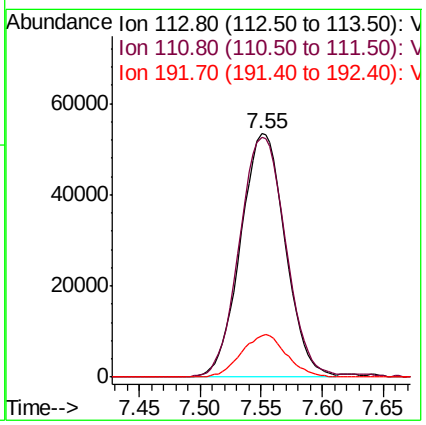


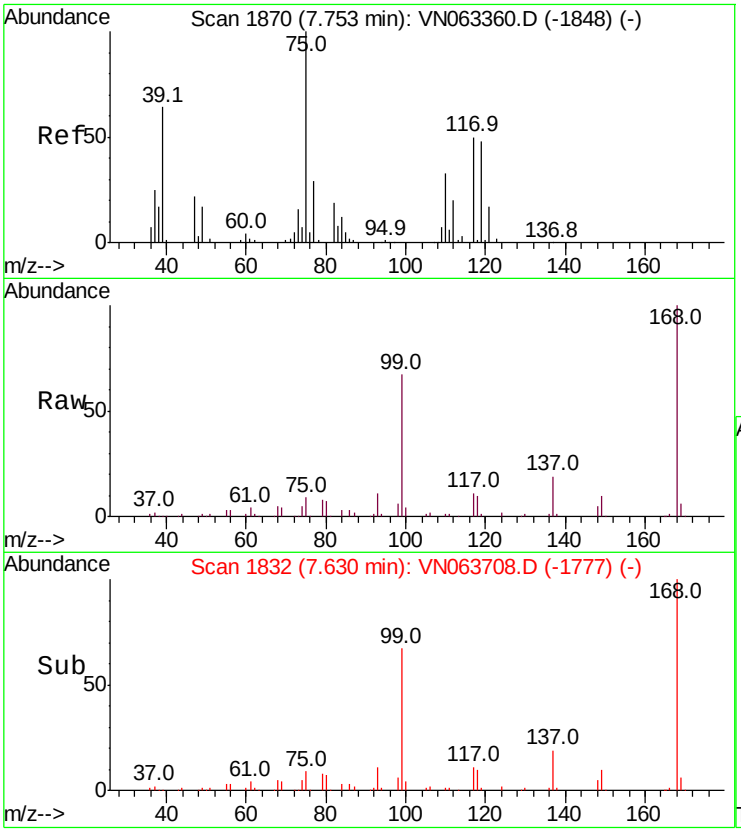


#35
Dibromofluoromethane
Concen: 47.670 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion:113 Resp: 135641

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	17.6	13.9	20.9



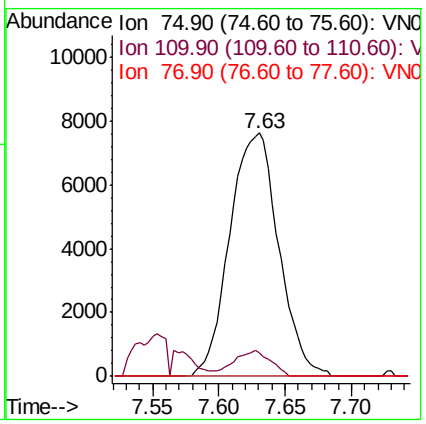


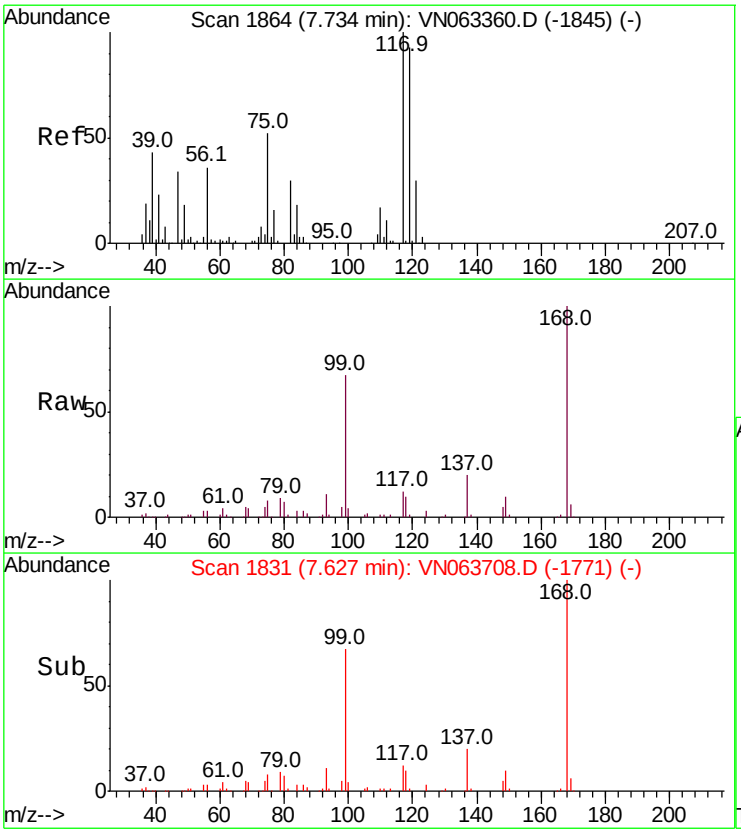
#36
1,1-Dichloropropene
Concen: 4.474 ug/l
RT: 7.63 min Scan# 1832
Delta R.T. -0.12 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#03

Tgt Ion: 75 Resp: 19591

Ion	Ratio	Lower	Upper
75	100		
110	8.1	16.5	49.5#
77	0.0	24.6	36.8#

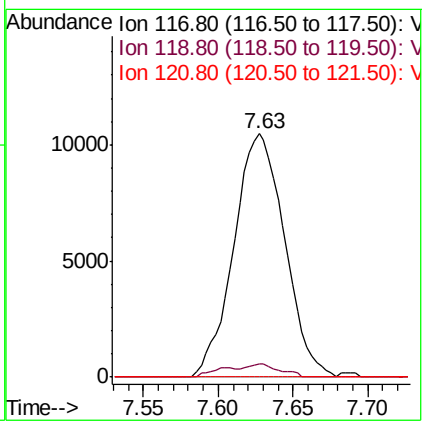


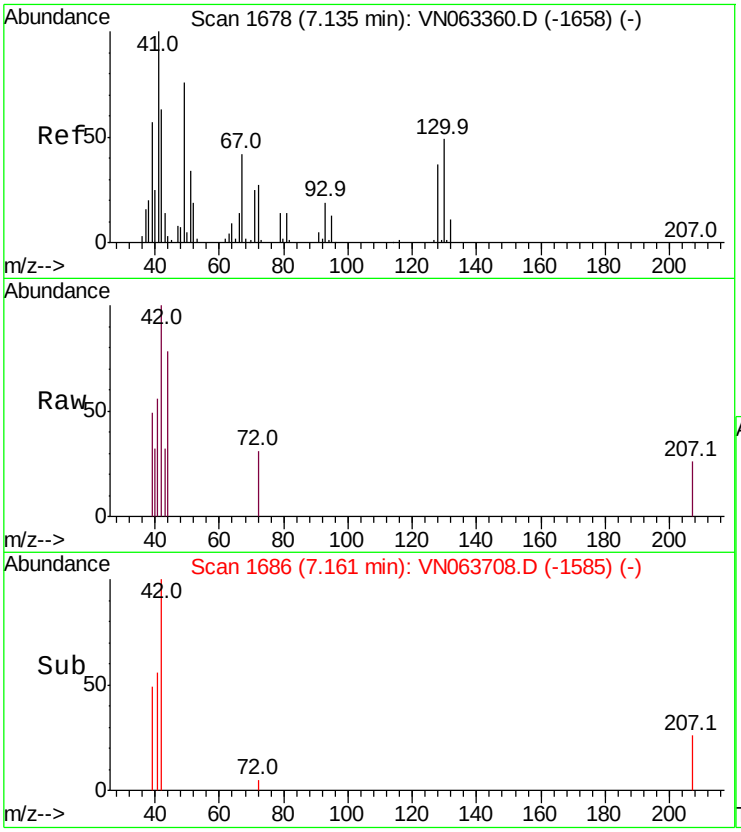


#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion:117 Resp: 24762

Ion	Ratio	Lower	Upper
117	100		
119	5.7	74.5	111.7#
121	0.0	24.1	36.1#



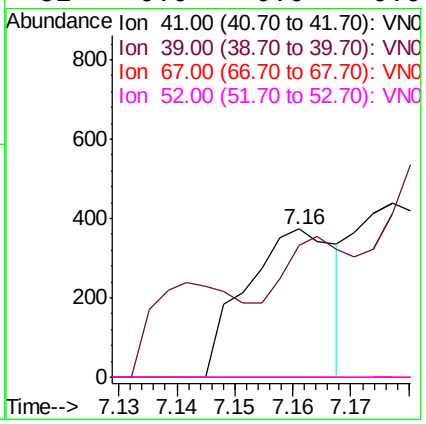


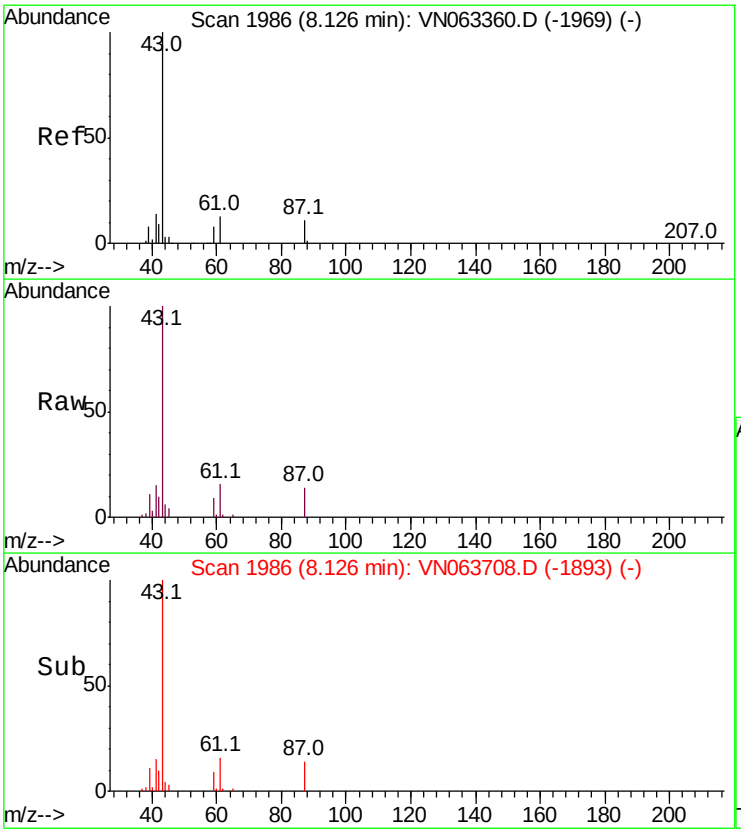
#41
Methacrylonitrile
Concen: 0.207 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.03 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument : MSVOA_N
ClientSampleId : PB131914ZHE#03

Tgt Ion: 41 Resp: 400

Ion	Ratio	Lower	Upper
41	100		
39	75.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

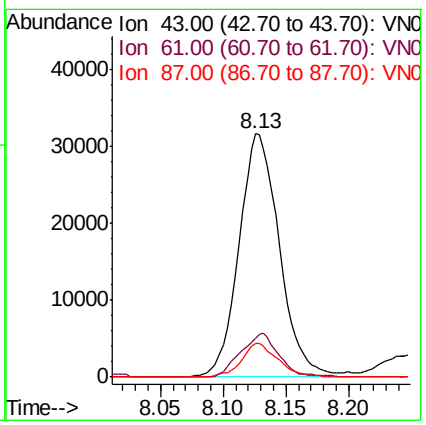


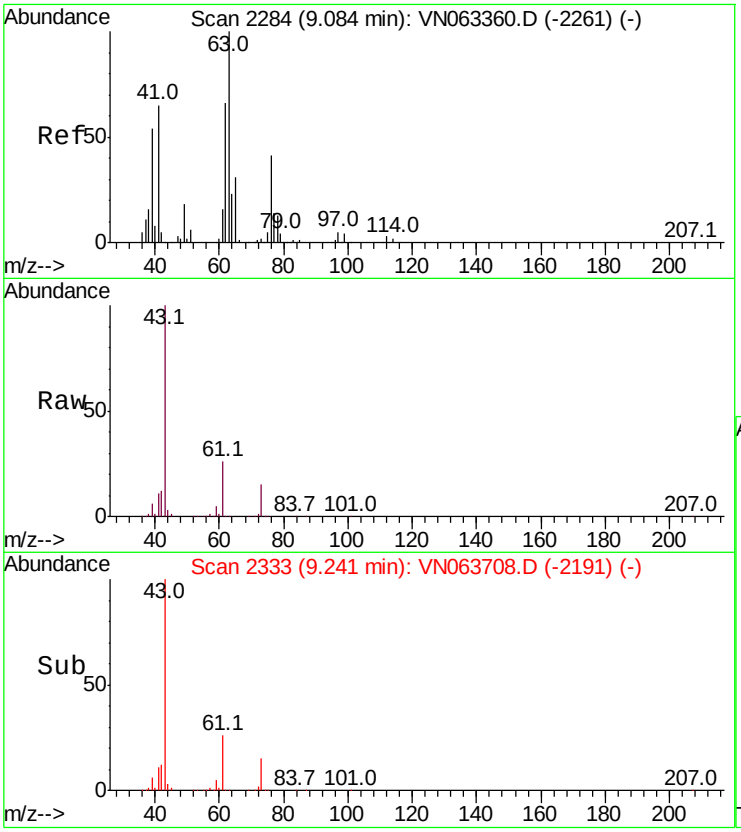


#43
Isopropyl Acetate
Concen: 9.208 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 43 Resp: 70760

Ion	Ratio	Lower	Upper
43	100		
61	16.9	14.2	21.2
87	12.5	9.0	13.6



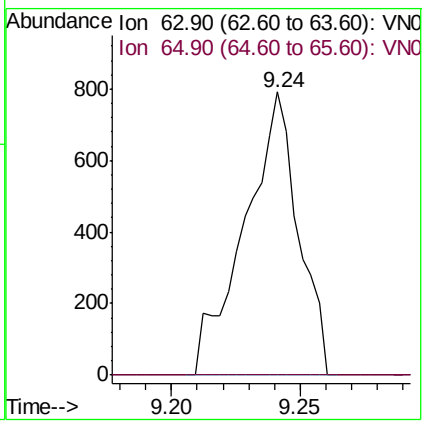


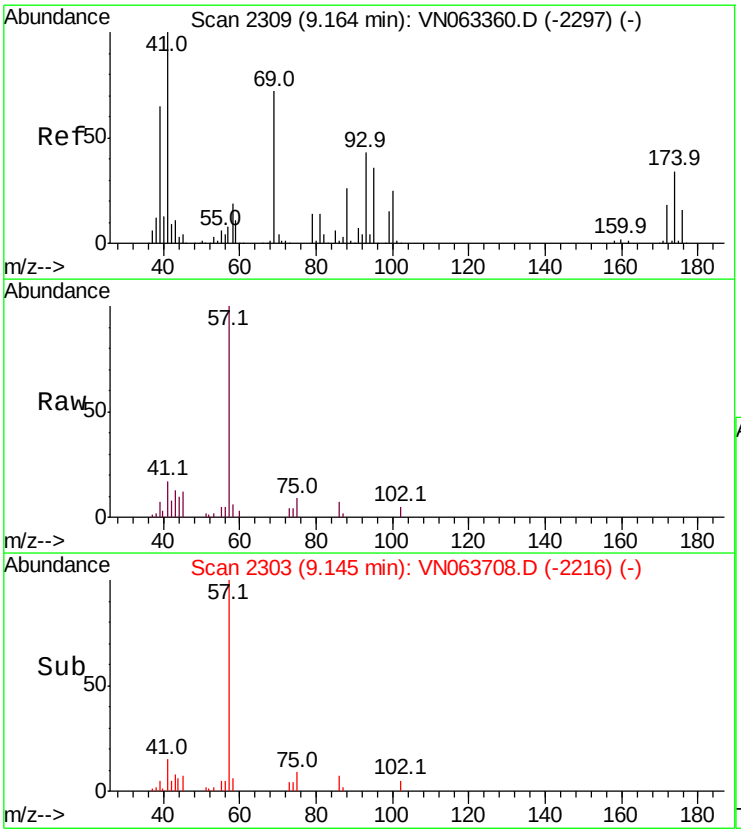
#45
1,2-Dichloropropane
Concen: 0.338 ug/l
RT: 9.24 min Scan# 2333
Delta R.T. 0.16 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#03

Tgt Ion: 63 Resp: 1150

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#

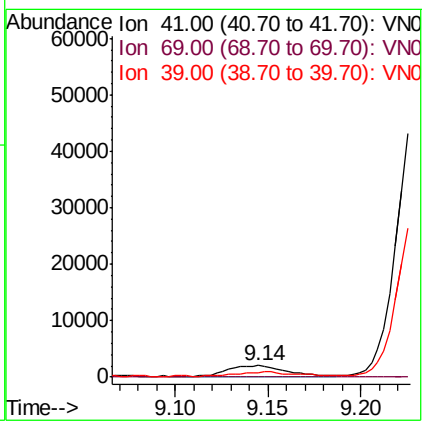


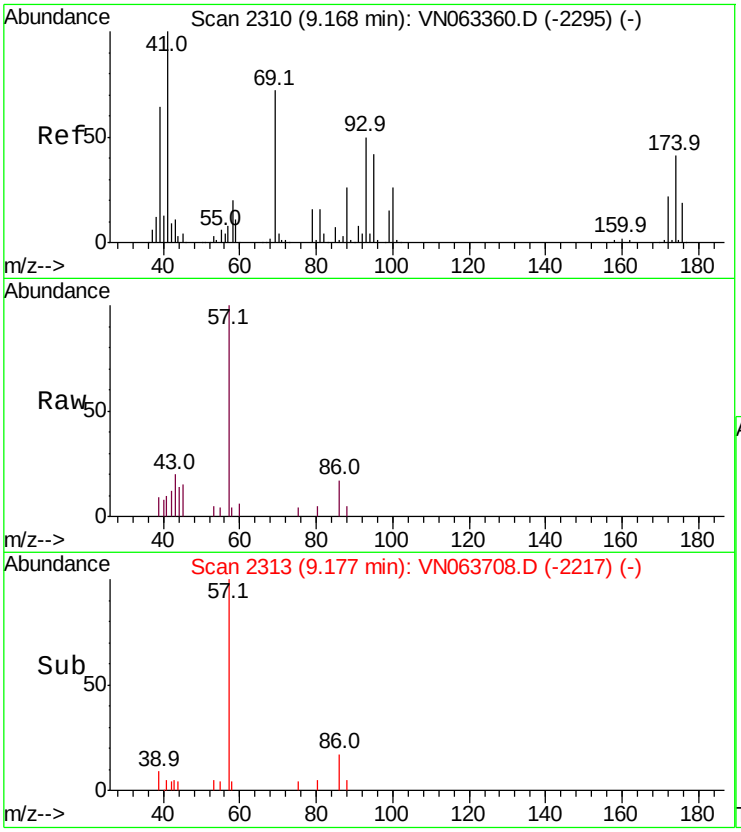


#48
Methyl methacrylate
Concen: 1.257 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 41 Resp: 4746

Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.3	88.9#
39	0.0	52.9	79.3#



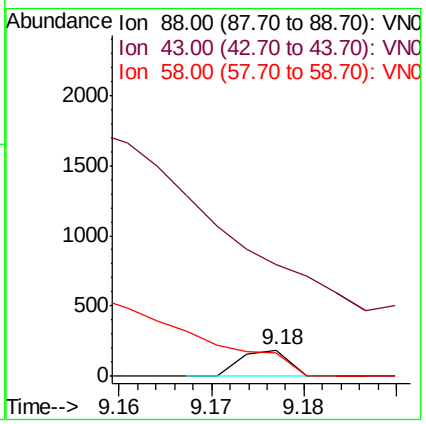


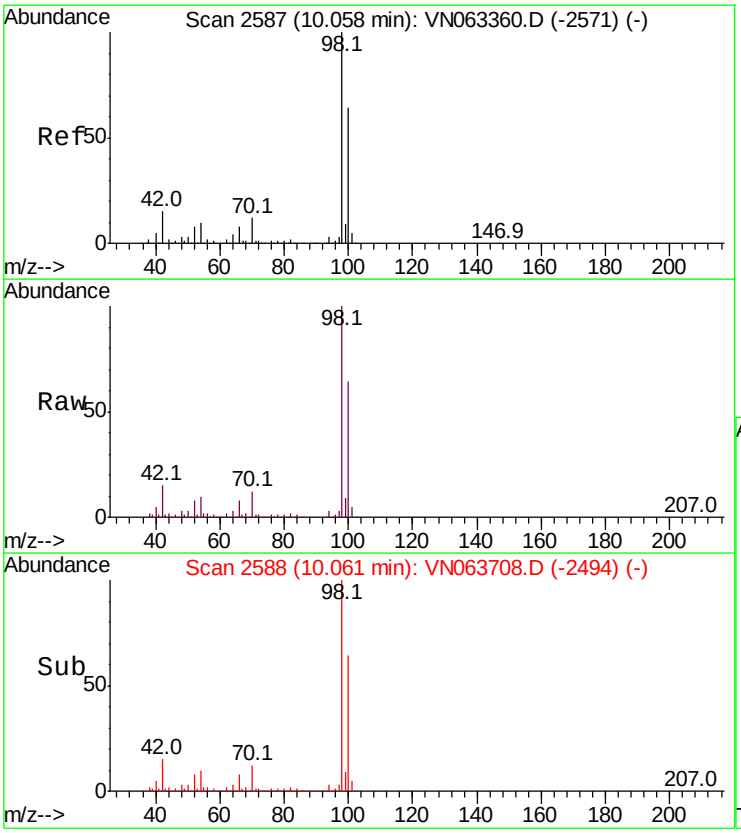
#49
1,4-Dioxane
Concen: 1.237 ug/l
RT: 9.18 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#03

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.6	49.0#
58	0.0	60.0	90.0#

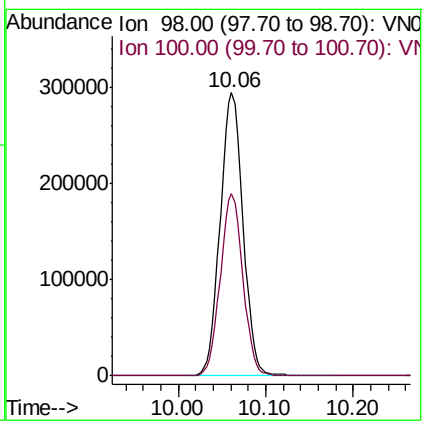


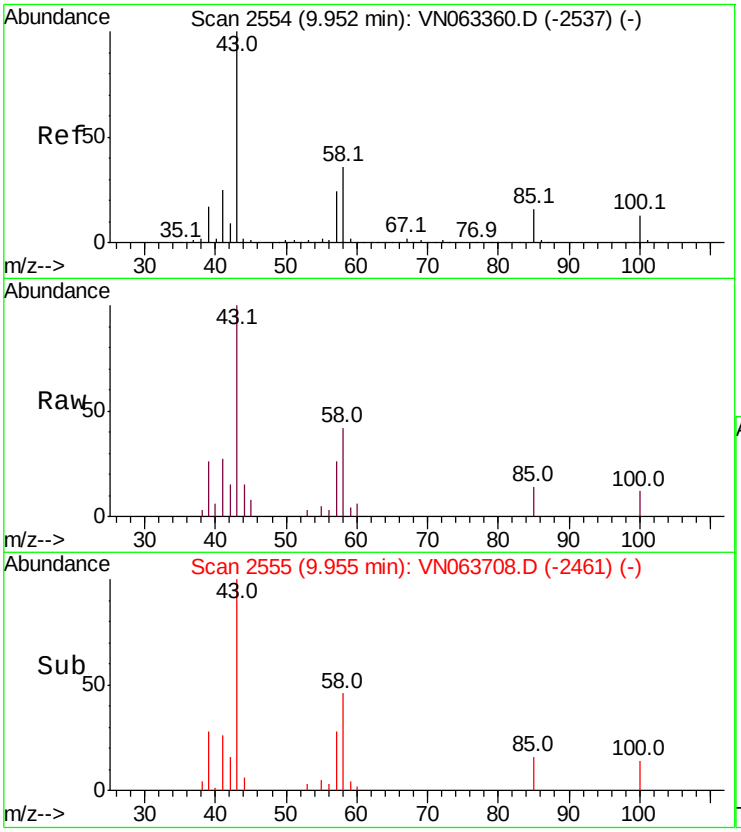


#50
Toluene-d8
Concen: 50.105 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 98 Resp: 536089

Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.7	76.1



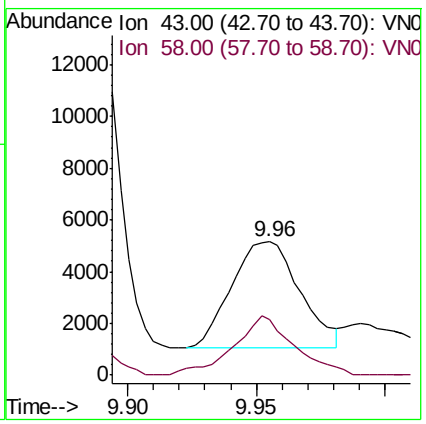


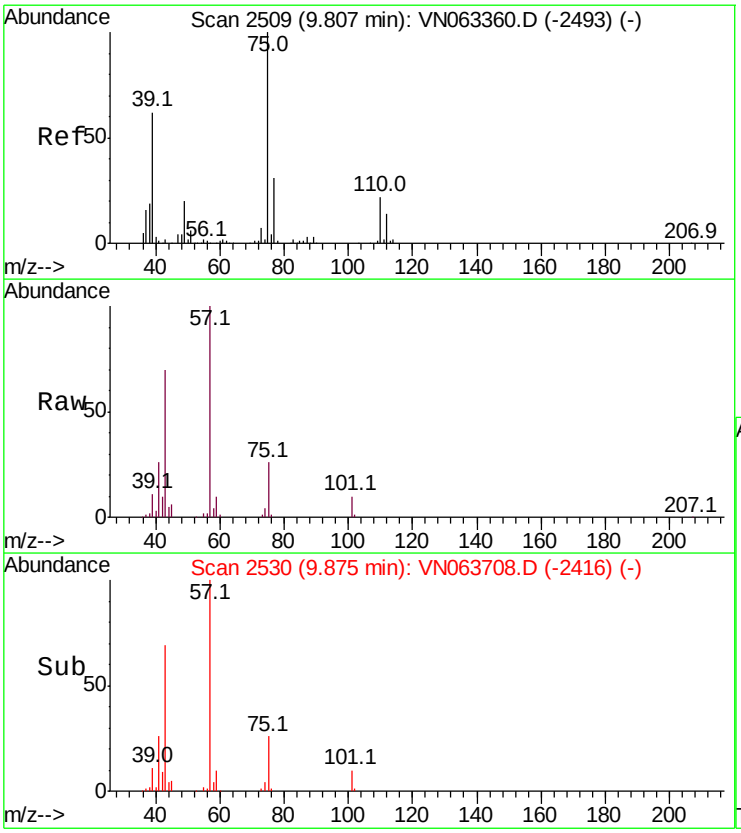
#51
4-Methyl-2-Pentanone
Concen: 1.752 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument : MSVOA_N
ClientSampleId : PB131914ZHE#03

Tgt Ion: 43 Resp: 7538

Ion	Ratio	Lower	Upper
43	100		
58	49.9	29.0	43.6#

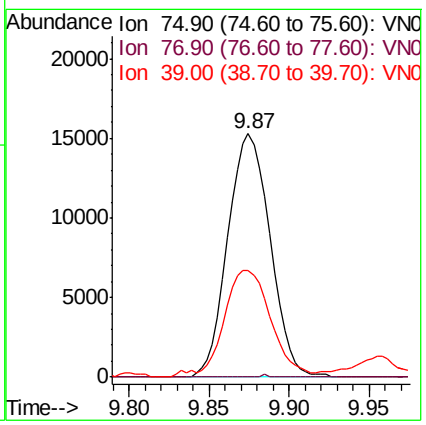


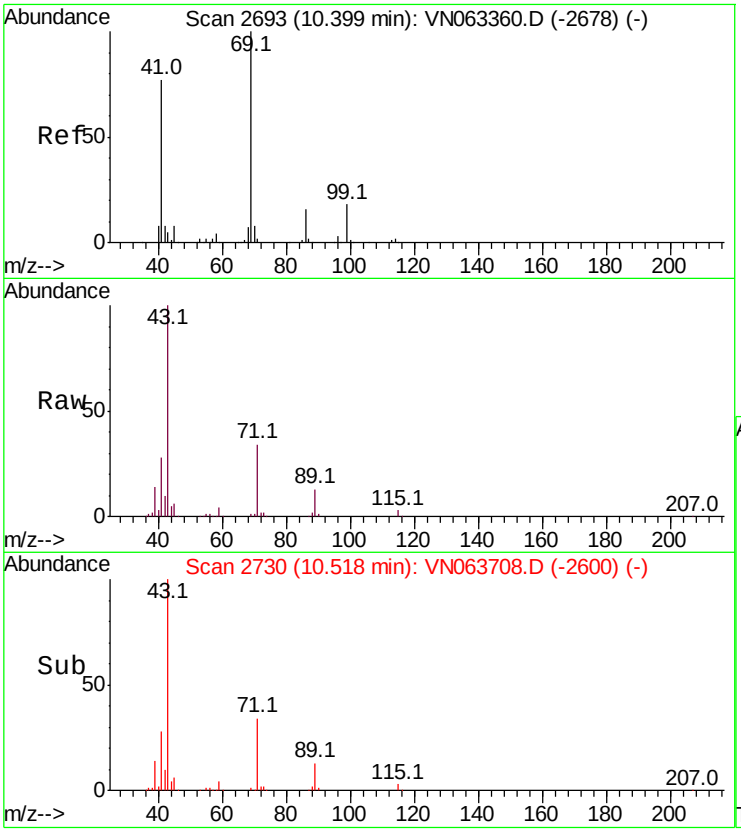


#54
cis-1,3-Dichloropropene
Concen: 5.045 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 75 Resp: 27614

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	37.0#
39	42.1	49.8	74.8#



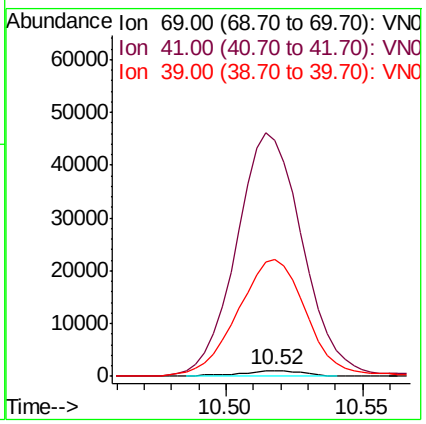


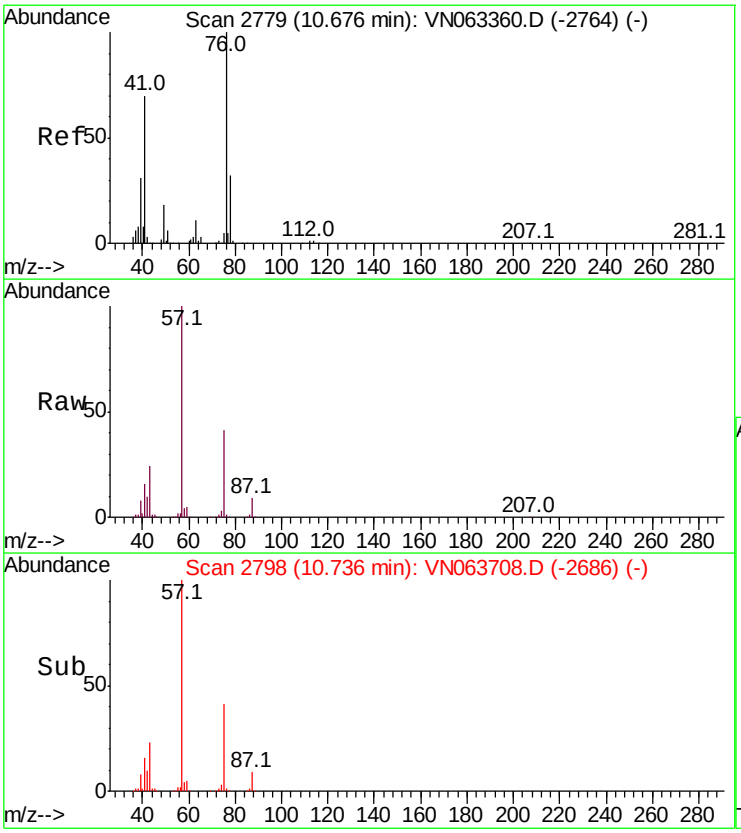
#56
Ethyl methacrylate
Concen: 0.371 ug/l
RT: 10.52 min Scan# 2730
Delta R.T. 0.12 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument : MSVOA_N
ClientSampleId : PB131914ZHE#03

Tgt Ion: 69 Resp: 1730

Ion	Ratio	Lower	Upper
69	100		
41	4513.9	61.0	91.6#
39	2258.2	39.2	58.8#

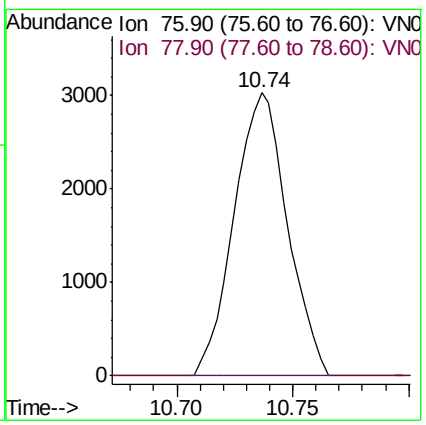


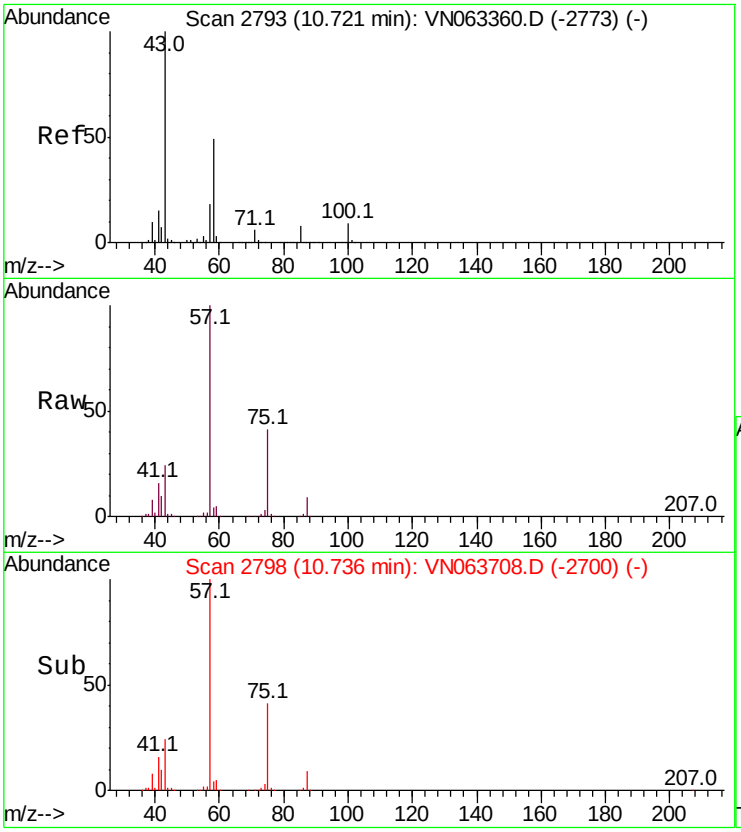


#57
1,3-Dichloropropane
Concen: 0.900 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 76 Resp: 4846

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.8	38.8#



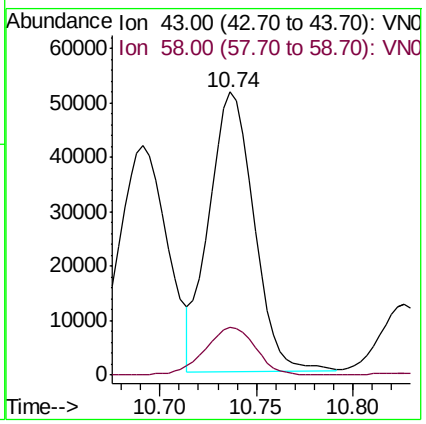


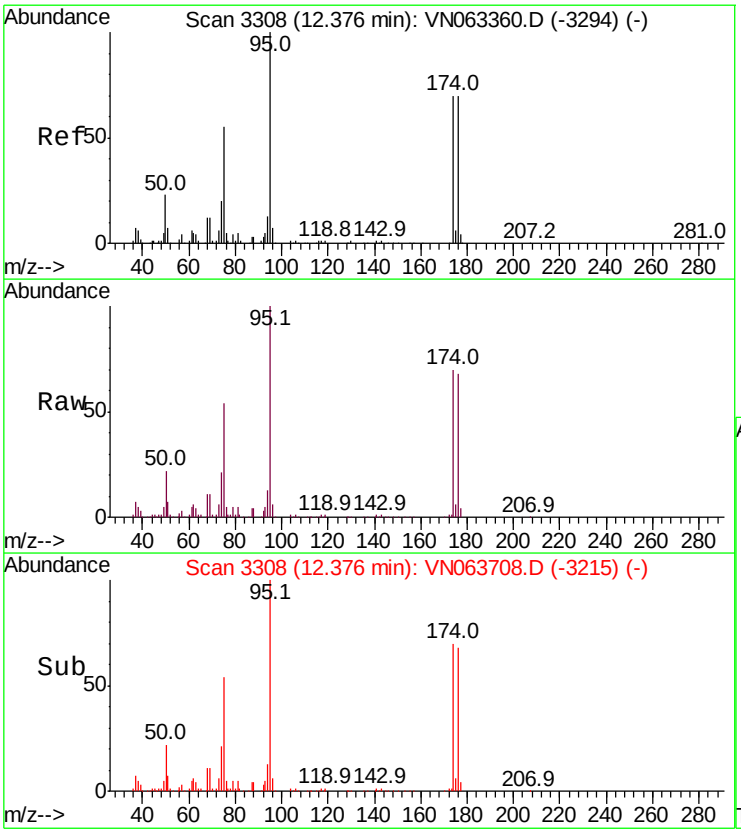
#59
2-Hexanone
Concen: 26.695 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#03

Tgt Ion: 43 Resp: 83201

Ion	Ratio	Lower	Upper
43	100		
58	19.1	24.7	74.1#

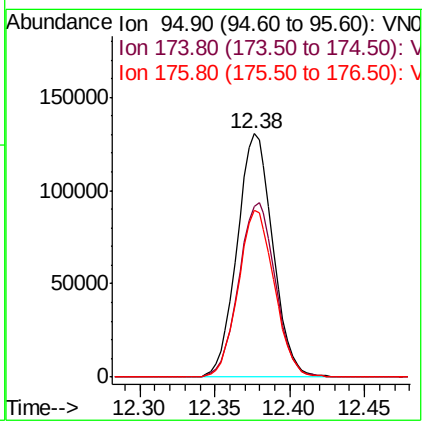


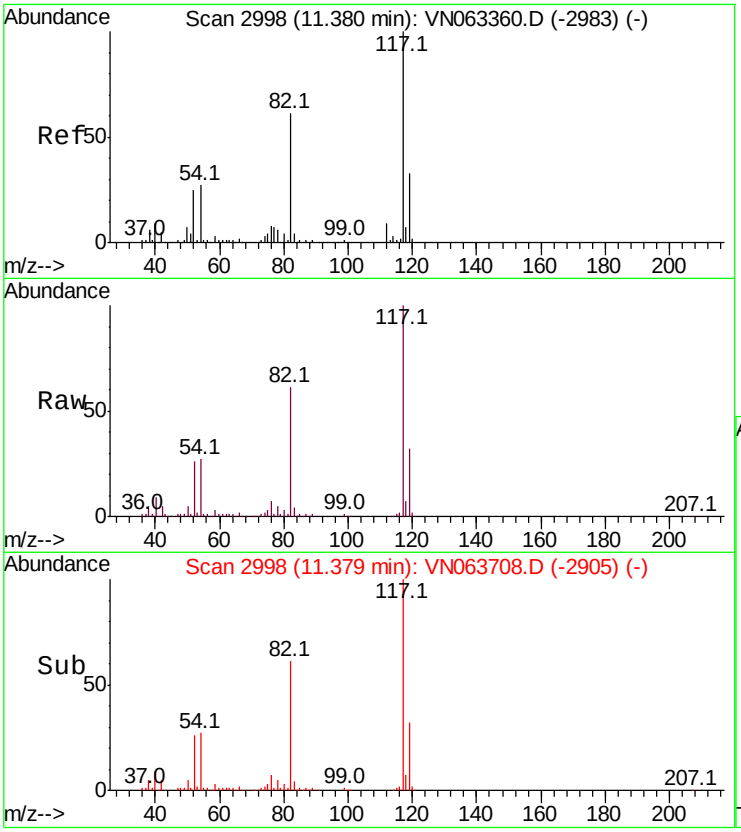


#62
4-Bromofluorobenzene
Concen: 55.337 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 95 Resp: 217038

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	140.8
176	69.4	0.0	137.6



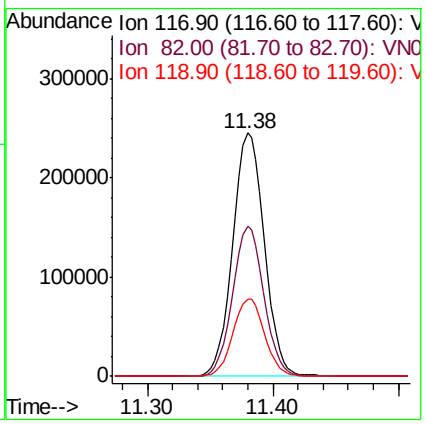


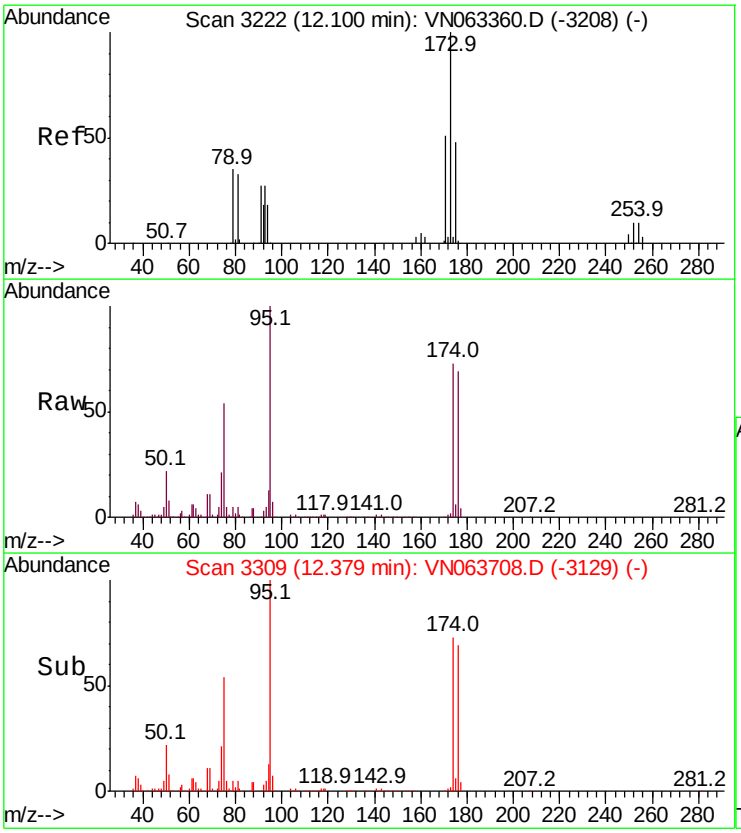
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument : MSVOA_N
ClientSampleId : PB131914ZHE#03

Tgt Ion:117 Resp: 430905

Ion	Ratio	Lower	Upper
117	100		
82	61.5	49.2	73.8
119	31.9	26.2	39.4

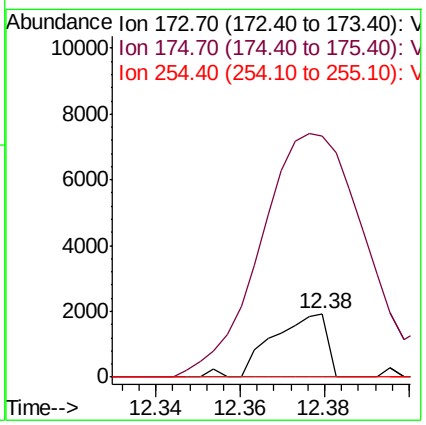


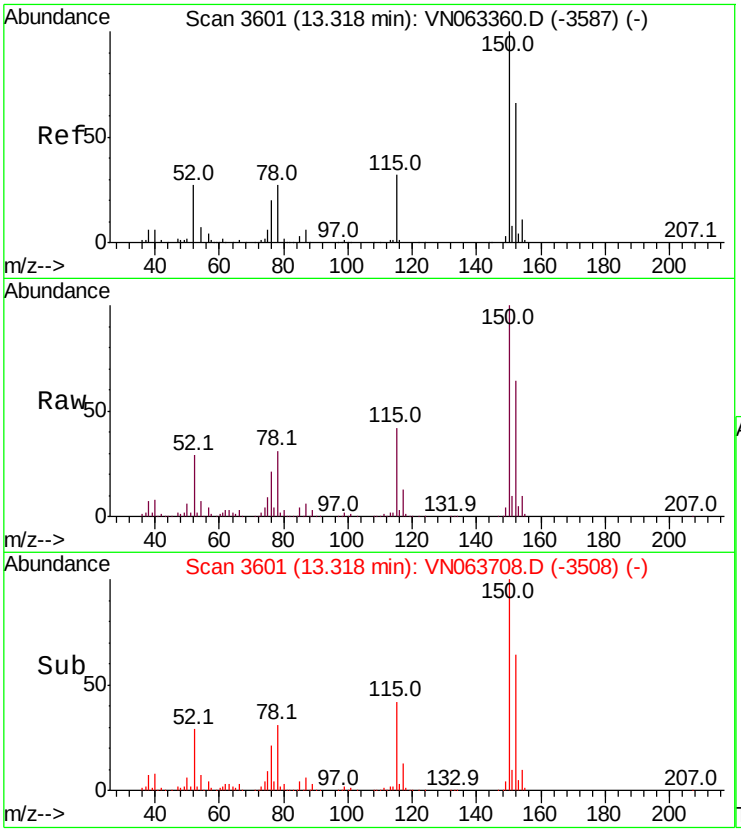


#71
Bromoform
Concen: 0.689 ug/l
RT: 12.38 min Scan# 3309
Delta R.T. 0.28 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion:173 Resp: 1720

Ion	Ratio	Lower	Upper
173	100		
175	606.0	24.0	72.0#
254	0.0	0.0	0.0



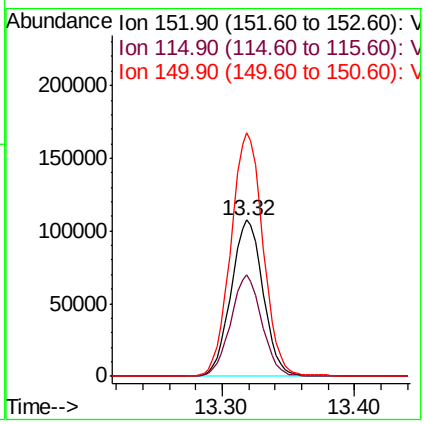


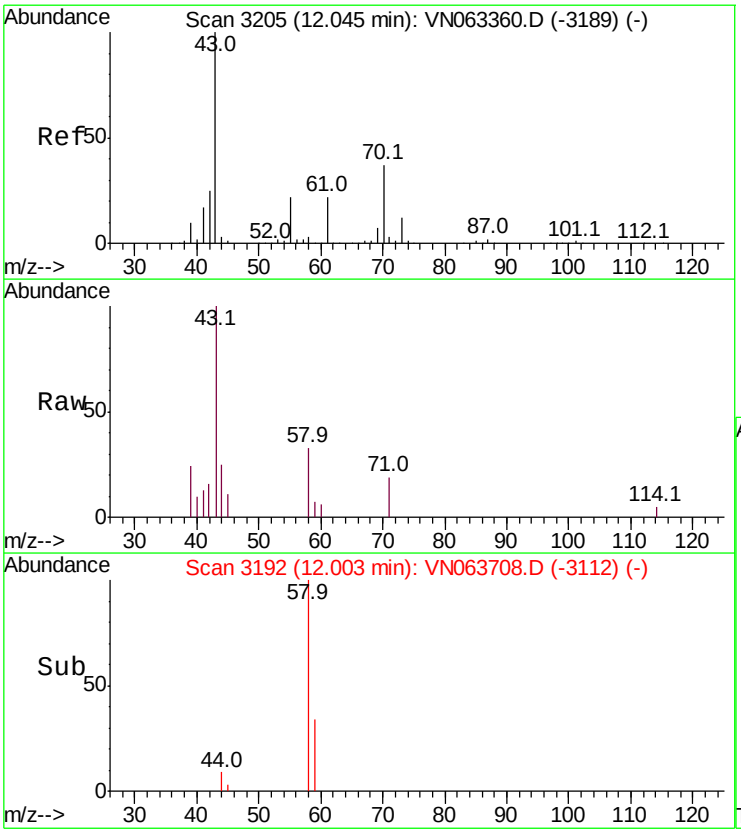
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. -0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument : MSVOA_N
ClientSampleId : PB131914ZHE#03

Tgt Ion:152 Resp: 180489

Ion	Ratio	Lower	Upper
152	100		
115	63.0	32.2	96.6
150	157.0	0.0	343.4

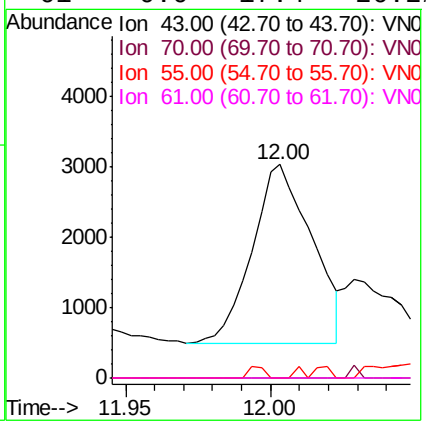


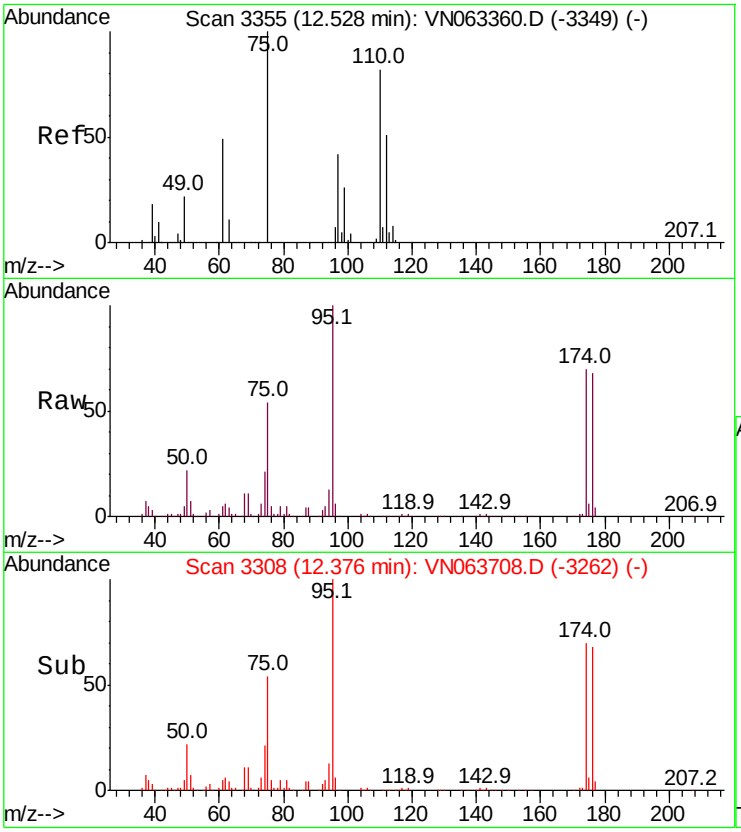


#74
N-amyl acetate
Concen: 0.529 ug/l
RT: 12.00 min Scan# 3192
Delta R.T. -0.04 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion: 43 Resp: 3619

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.6	44.4#
55	2.5	17.7	26.5#
61	0.0	17.4	26.2#



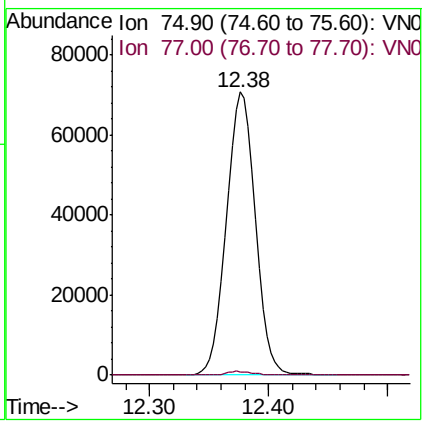


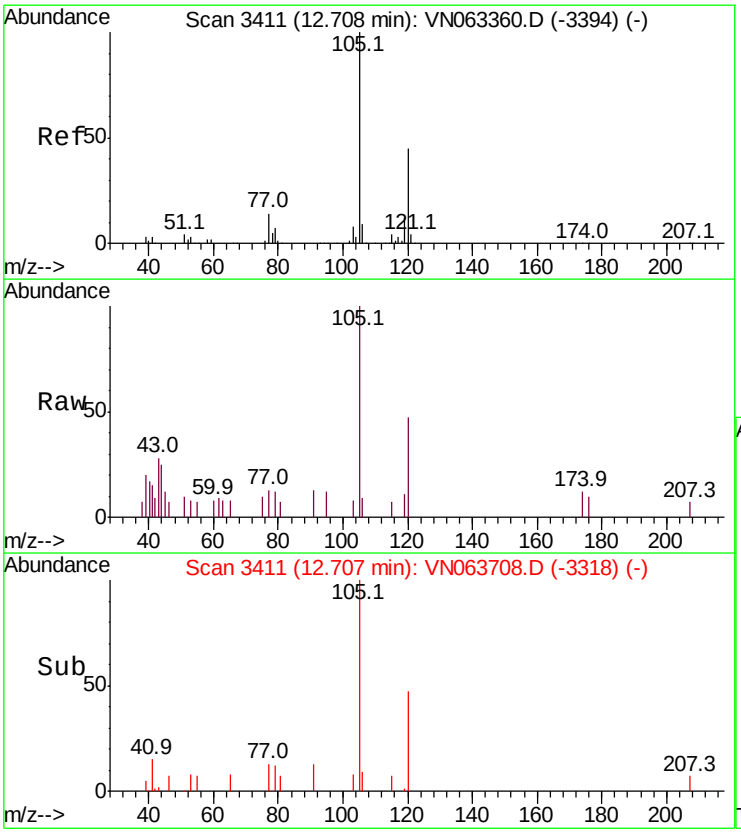
#76
1,2,3-Trichloropropane
Concen: 26.700 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#03

Tgt Ion: 75 Resp: 119277

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

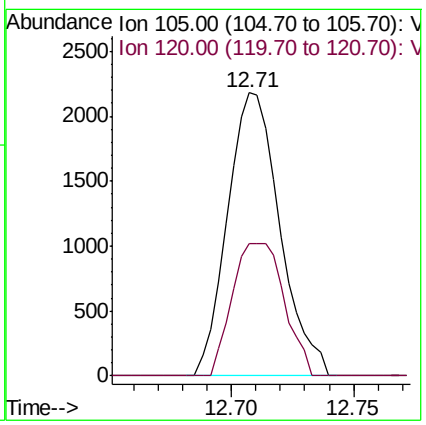


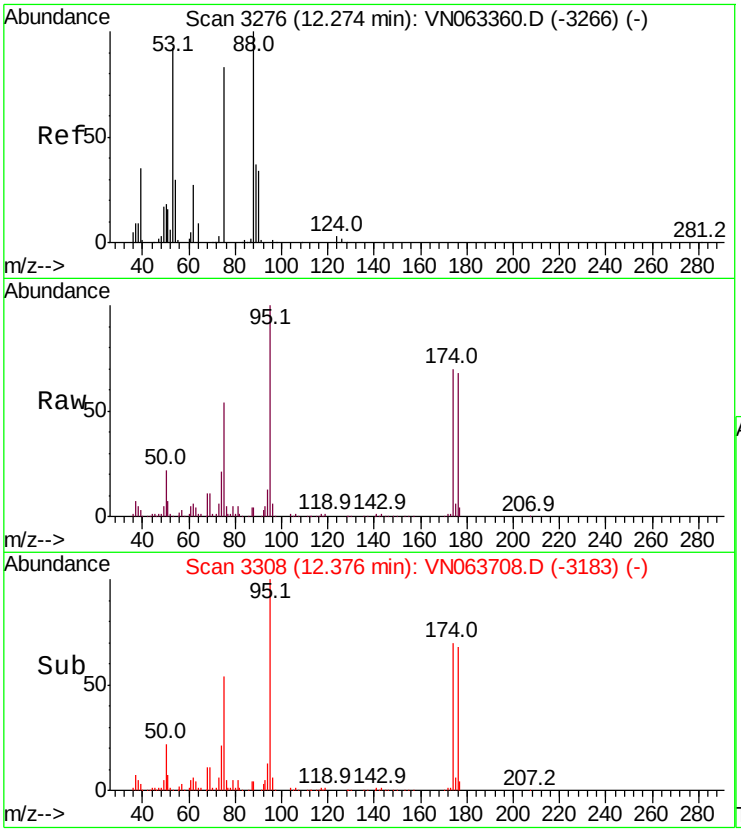


#80
1,3,5-Trimethylbenzene
Concen: 0.269 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. -0.00 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Tgt Ion:105 Resp: 3242

Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.8





#81
trans-1,4-Dichloro-2-butene
Concen: 73.200 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063708.D
Acq: 28 Sep 2020 16:21

Instrument :
MSVOA_N
ClientSampleId :
PB131914ZHE#03

Tgt Ion: 75 Resp: 119277

Ion	Ratio	Lower	Upper
75	100		
53	0.2	85.7	128.5#
89	0.0	38.0	57.0#