Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100220\
Data File : VN063830.D
Acq On : 2 Oct 2020 18:44
Operator : JC/MD
Sample : PB132030ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132030ZHE#09

Quant Time: Oct 05 04:18:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	214602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	426015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	192392	54.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.54%			
35) Dibromofluoromethane	7.55	113	135753	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.70%			
50) Toluene-d8	10.06	98	526544	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.92%			
62) 4-Bromofluorobenzene	12.38	95	207213	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.50%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.72	59	172	0.439	ug/l #	71
13) Acrolein	3.65	56	65	0.271	ug/l #	68
16) Acetone	3.78	43	11831	10.840	ug/l	96
17) Carbon Disulfide	4.02	76	31	0.706	ug/l #	76
18) Methyl Acetate	4.29	43	3615	1.276	ug/l #	68
20) Methylene Chloride	4.50	84	10676	4.360	ug/l	95
25) 2-Butanone	6.78	43	2302	1.488	ug/l #	82
29) Tetrahydrofuran	7.17	42	482	0.464	ug/l #	60
31) Cyclohexane	7.62	56	5922	1.439	ug/l #	45
36) 1,1-Dichloropropene	7.62	75	20072	4.845	ug/l #	49
38) Carbon Tetrachloride	7.63	117	23741	5.111	ug/l #	14
43) Isopropyl Acetate	8.13	43	76583	11.281	ug/l	100
45) 1,2-Dichloropropane	9.24	63	1429	0.447	ug/l #	44
48) Methyl methacrylate	9.14	41	4415	1.316	ug/l #	12
51) 4-Methyl-2-Pentanone	9.95	43	6018	1.511	ug/l #	88
54) cis-1,3-Dichloropropene	9.87	75	31196	6.125	ug/l #	69
56) Ethyl methacrylate	10.51	69	2066	0.497	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	5039	1.015	ug/l #	43
59) 2-Hexanone	10.74	43	91264	30.838	ug/l #	54
74) N-amyl acetate	12.01	43	4417	2.930	ug/l #	49
76) 1,2,3-Trichloropropane	12.38	75	119080	30.990	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	6683	0.627	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.38	75	119080	89.255	ug/l #	6

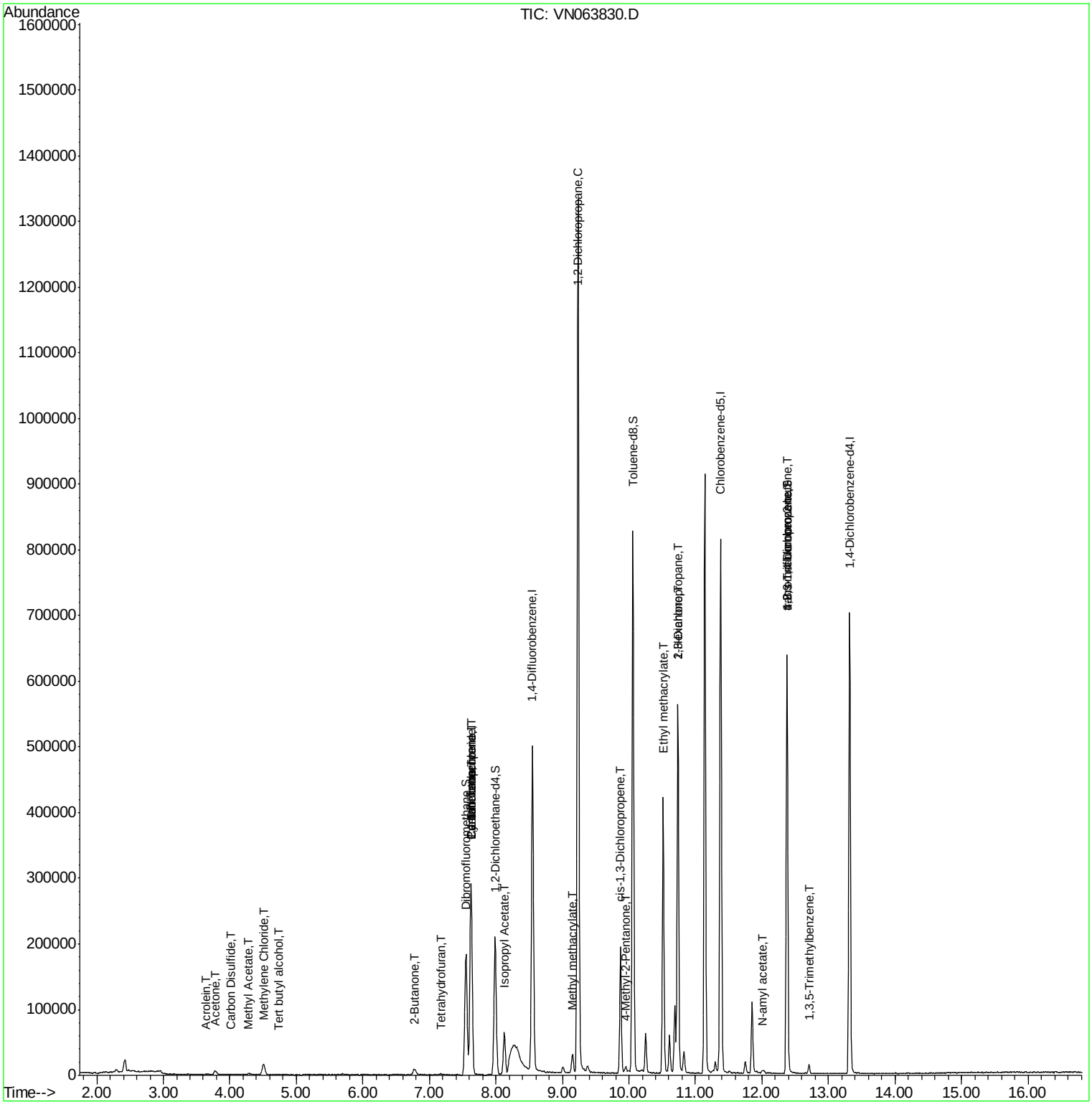
(#) = qualifier out of range (m) = manual integration (+) = signals summed

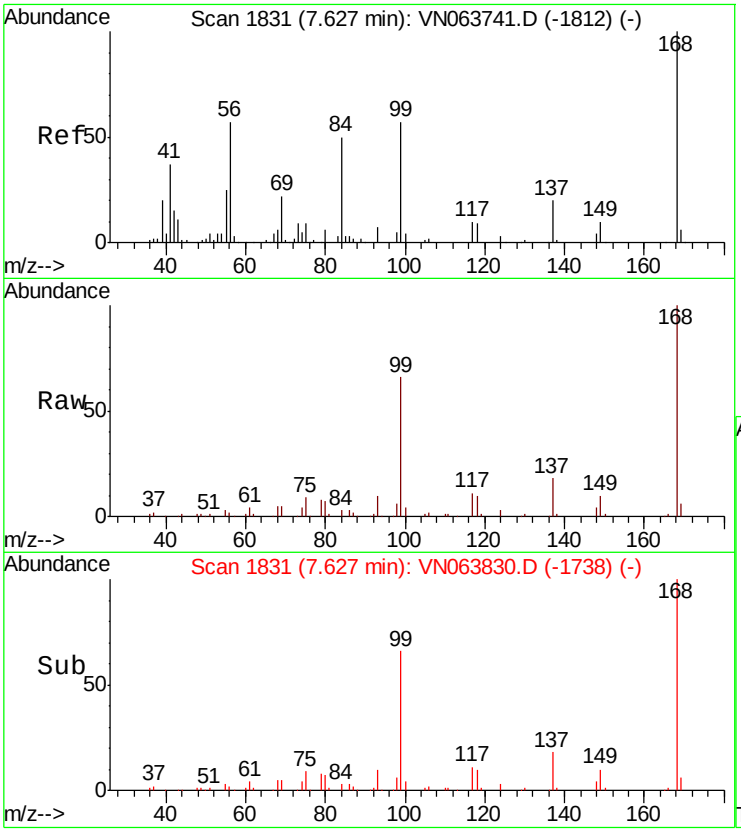
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100220\
Data File : VN063830.D
Acq On : 2 Oct 2020 18:44
Operator : JC/MD
Sample : PB132030ZHE#09
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132030ZHE#09

Quant Time: Oct 05 04:18:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration



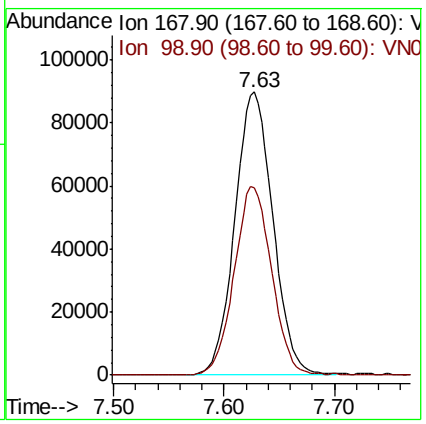


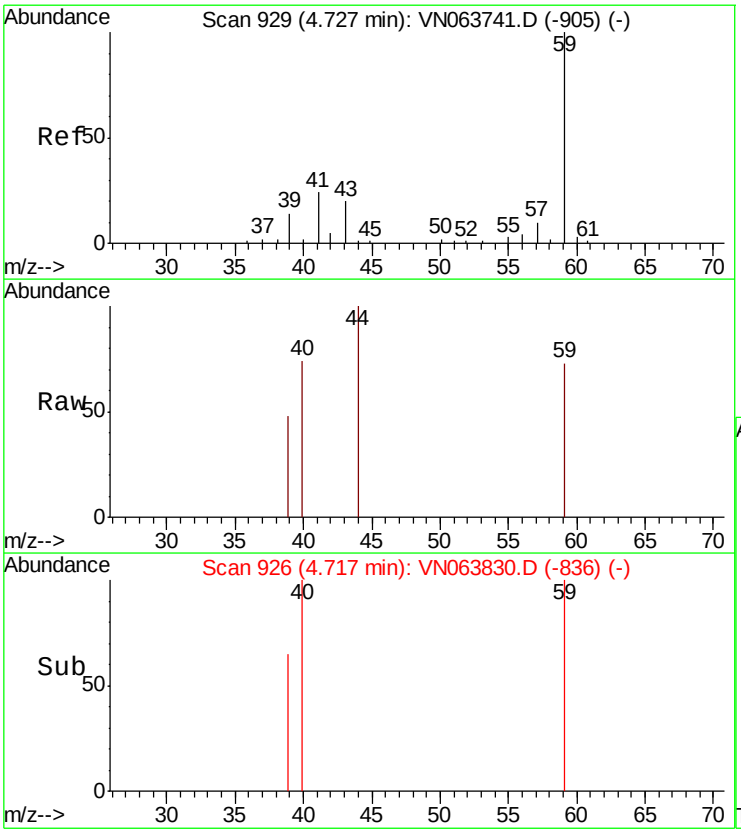
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion:168 Resp: 214602

Ion	Ratio	Lower	Upper
168	100		
99	66.1	51.8	77.6

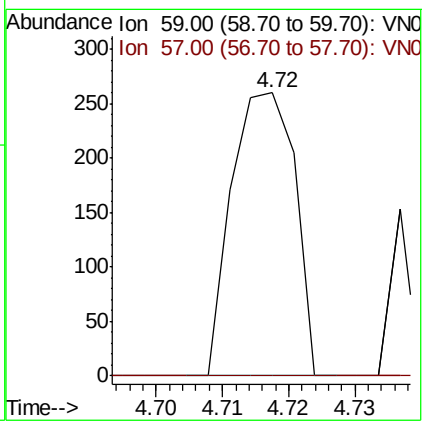


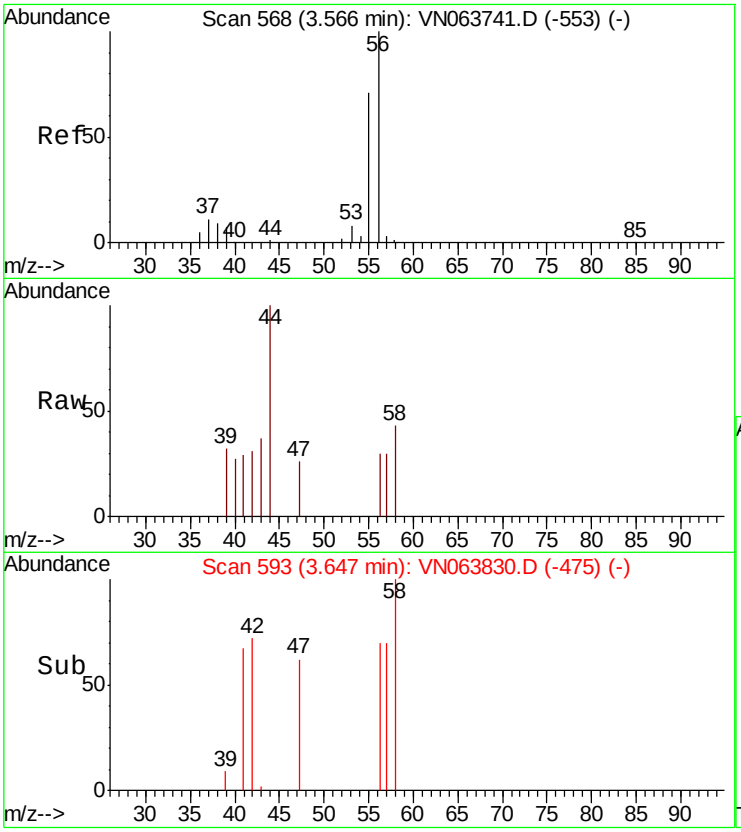


#11
Tert butyl alcohol
Concen: 0.439 ug/l
RT: 4.72 min Scan# 926
Delta R.T. -0.01 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 59 Resp: 172

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



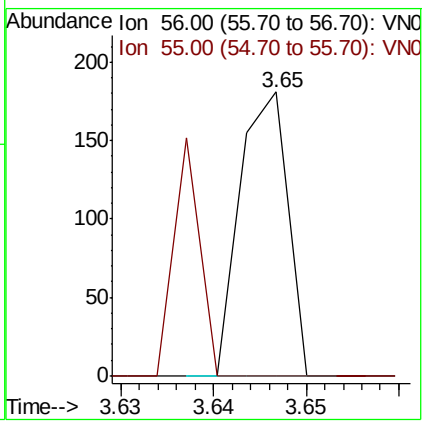


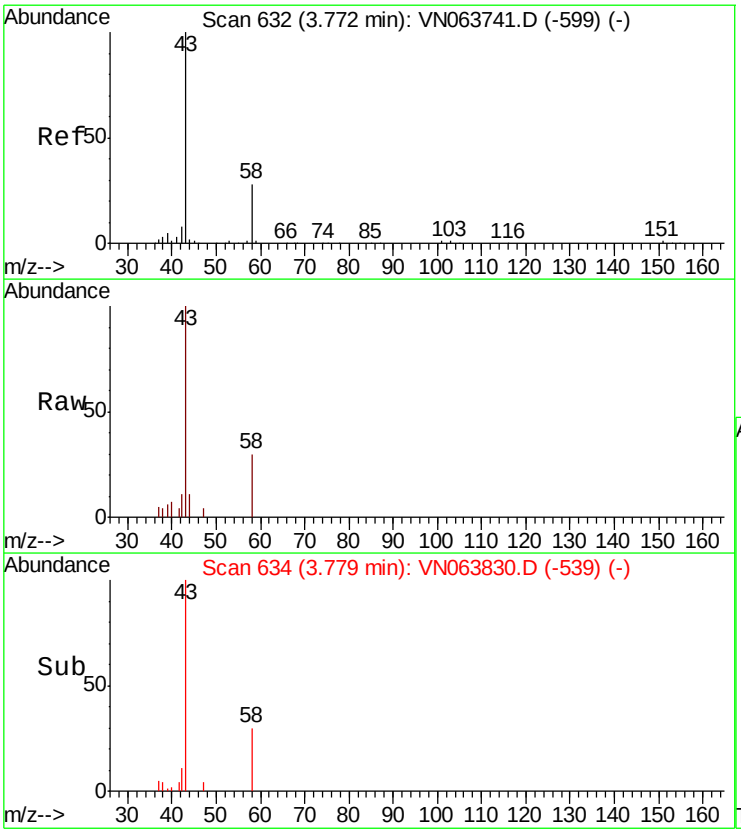
#13
Acrolein
Concen: 0.271 ug/l
RT: 3.65 min Scan# 593
Delta R.T. 0.08 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument : MSVOA_N
ClientSampleId : PB132030ZHE#09

Tgt Ion: 56 Resp: 65

Ion	Ratio	Lower	Upper
56	100		
55	44.6	56.9	85.3#

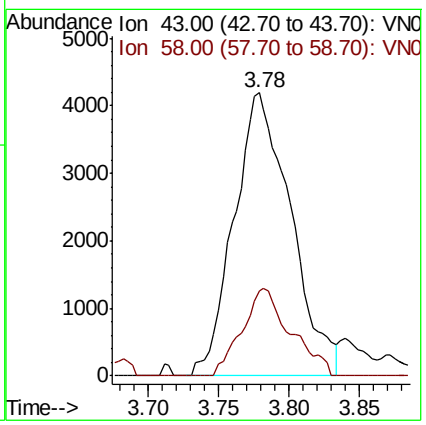


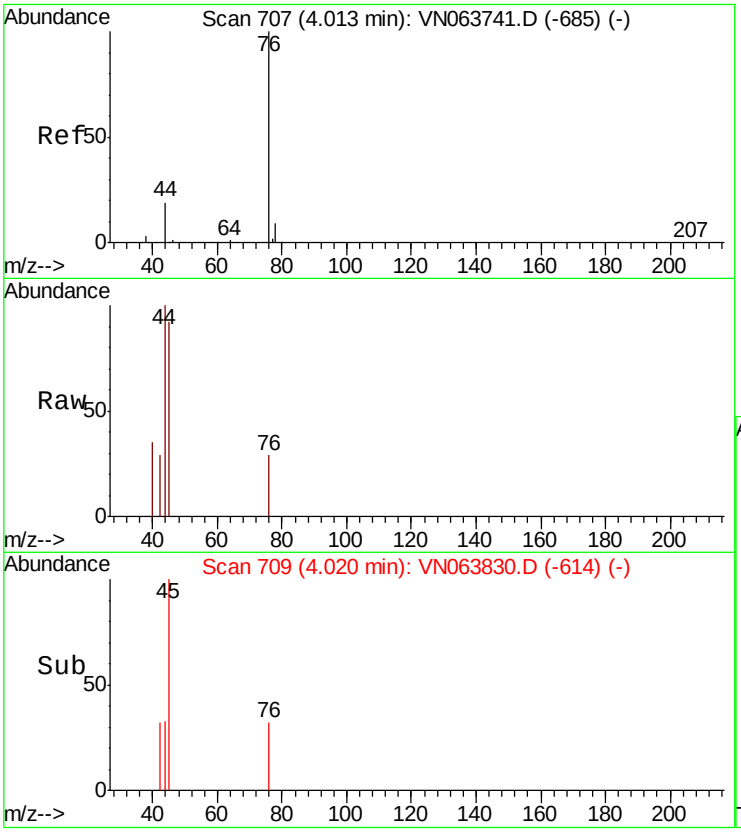


#16
Acetone
Concen: 10.840 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 43 Resp: 11831

Ion	Ratio	Lower	Upper
43	100		
58	30.0	22.3	33.5



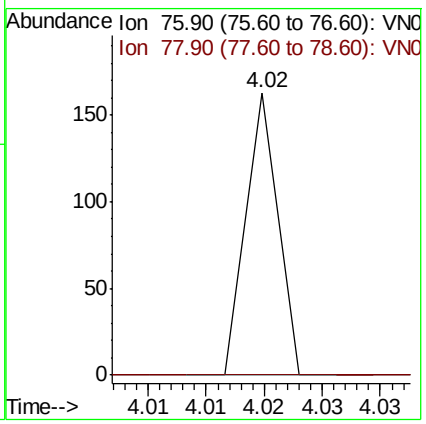


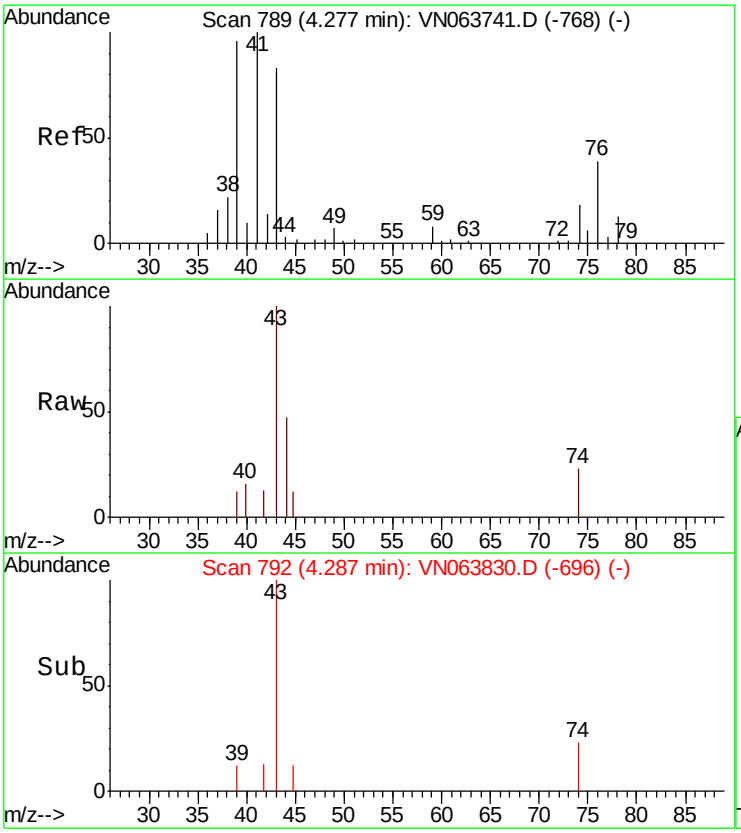
#17
Carbon Disulfide
Concen: 0.706 ug/l
RT: 4.02 min Scan# 709
Delta R.T. 0.01 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion: 76 Resp: 31

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#

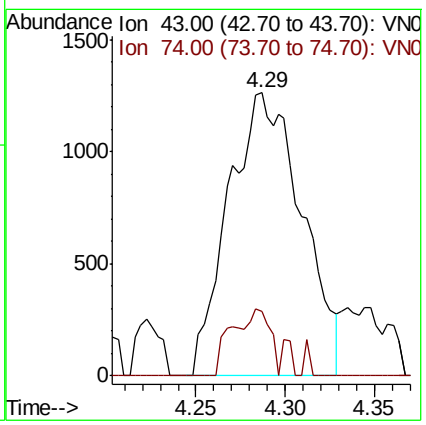


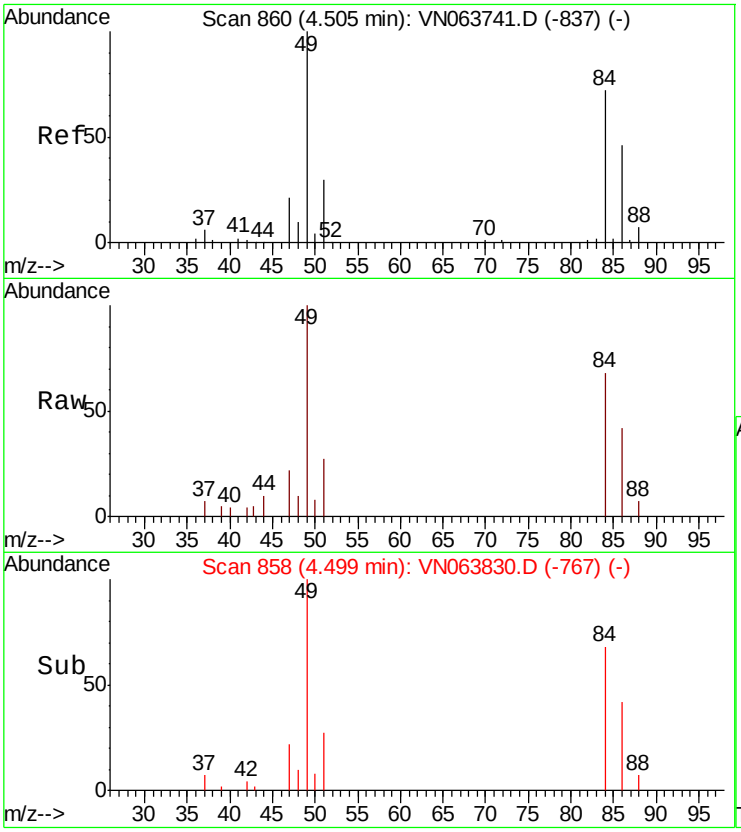


#18
Methyl Acetate
Concen: 1.276 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 43 Resp: 3615

Ion	Ratio	Lower	Upper
43	100		
74	6.6	17.4	26.2#



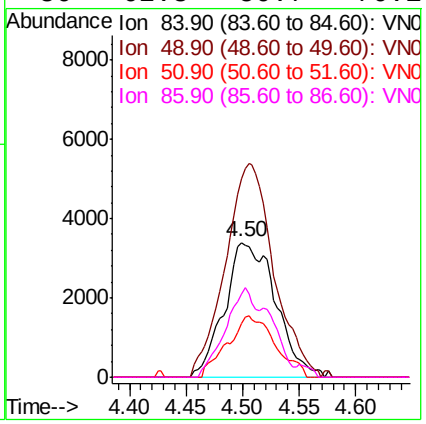


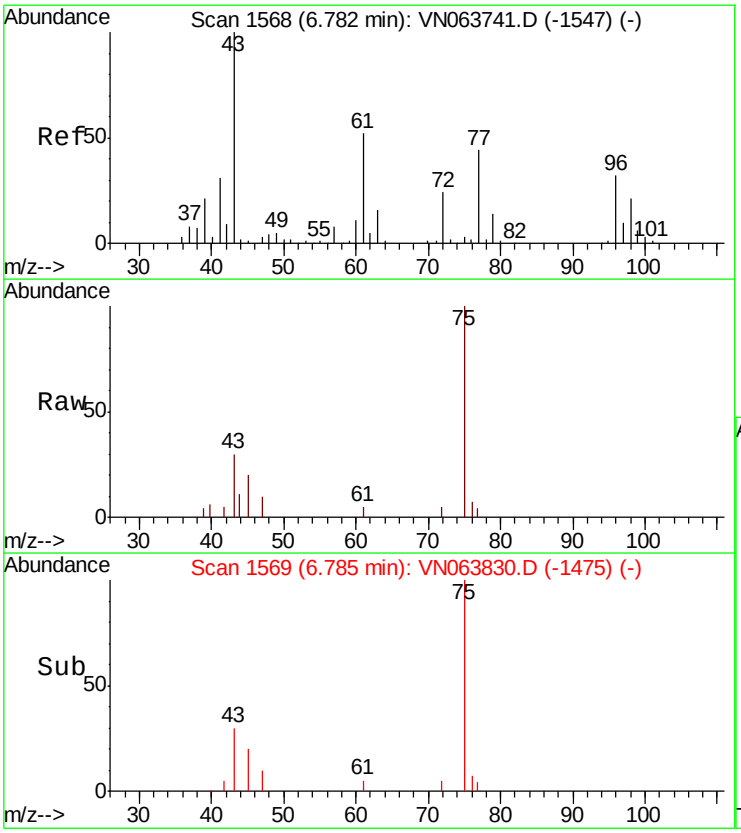
#20
Methylene Chloride
Concen: 4.360 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument : MSVOA_N
ClientSampleId : PB132030ZHE#09

Tgt Ion: 84 Resp: 10676

Ion	Ratio	Lower	Upper
84	100		
49	147.6	110.4	165.6
51	39.8	33.3	49.9
86	62.3	50.7	76.1

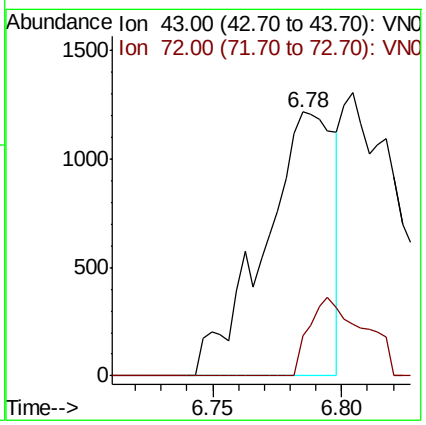


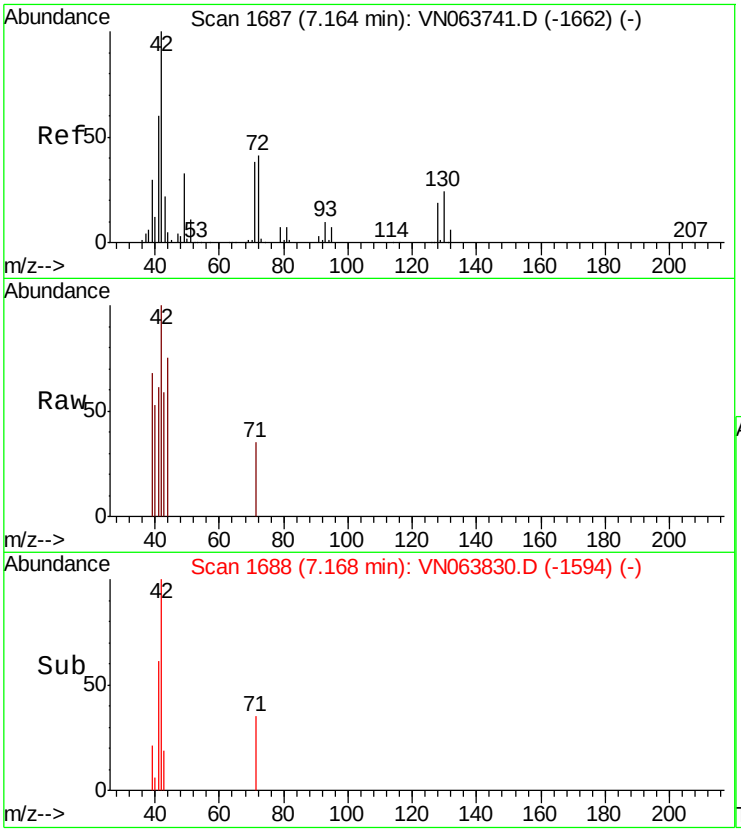


#25
2-Butanone
Concen: 1.488 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 43 Resp: 2302

Ion	Ratio	Lower	Upper
43	100		
72	15.2	19.3	28.9#



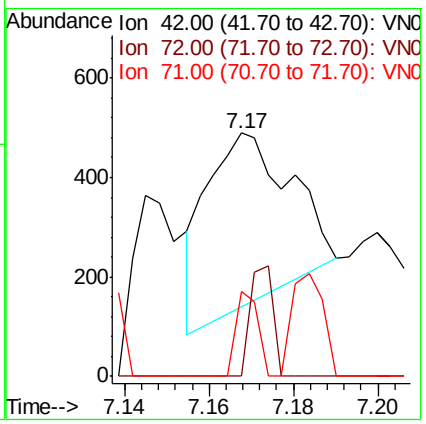


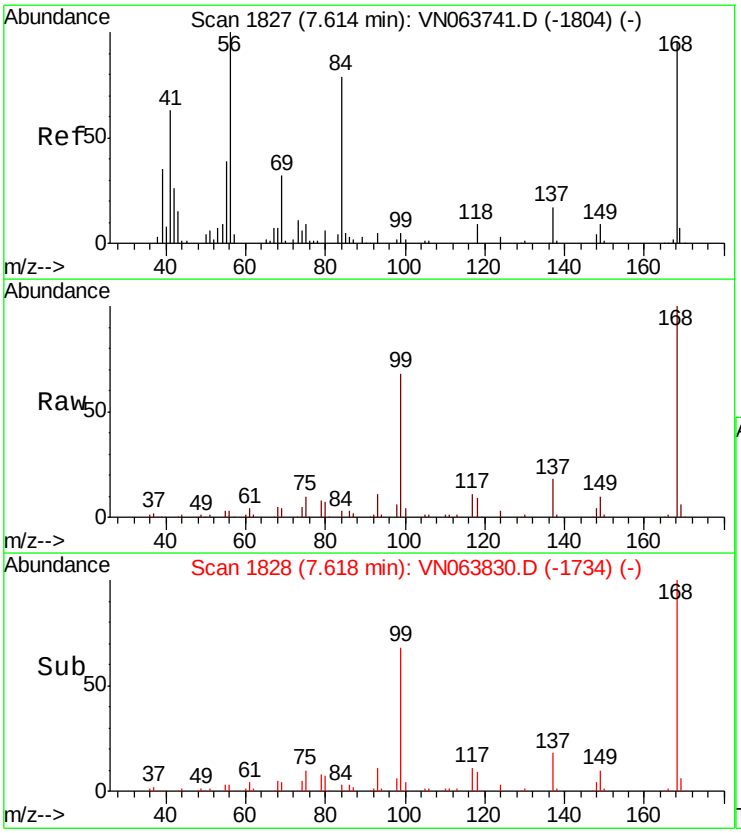
#29
Tetrahydrofuran
Concen: 0.464 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument : MSVOA_N
ClientSampleId : PB132030ZHE#09

Tgt Ion: 42 Resp: 482

Ion	Ratio	Lower	Upper
42	100		
72	17.2	32.8	49.2#
71	12.9	30.6	45.8#

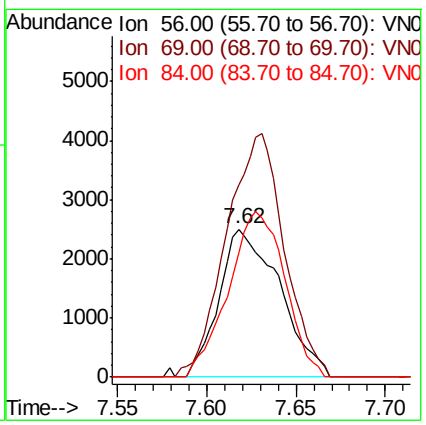


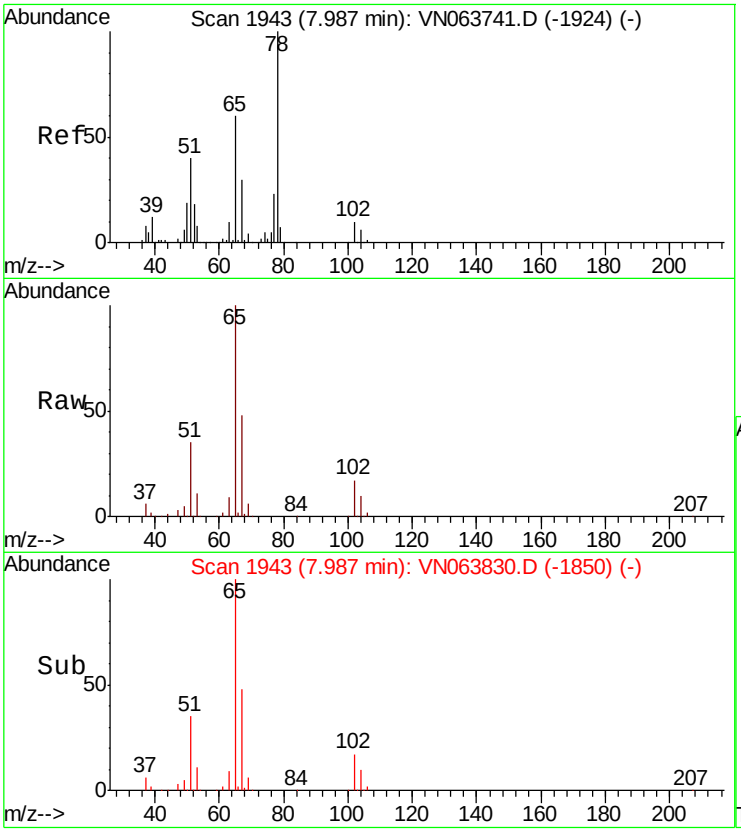


#31
Cyclohexane
Concen: 1.439 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 56 Resp: 5922

Ion	Ratio	Lower	Upper
56	100		
69	130.1	25.4	38.2#
84	84.4	63.3	94.9



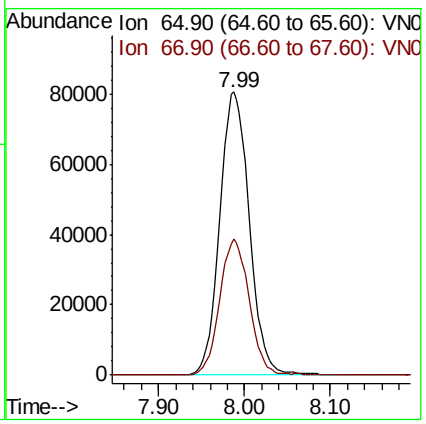


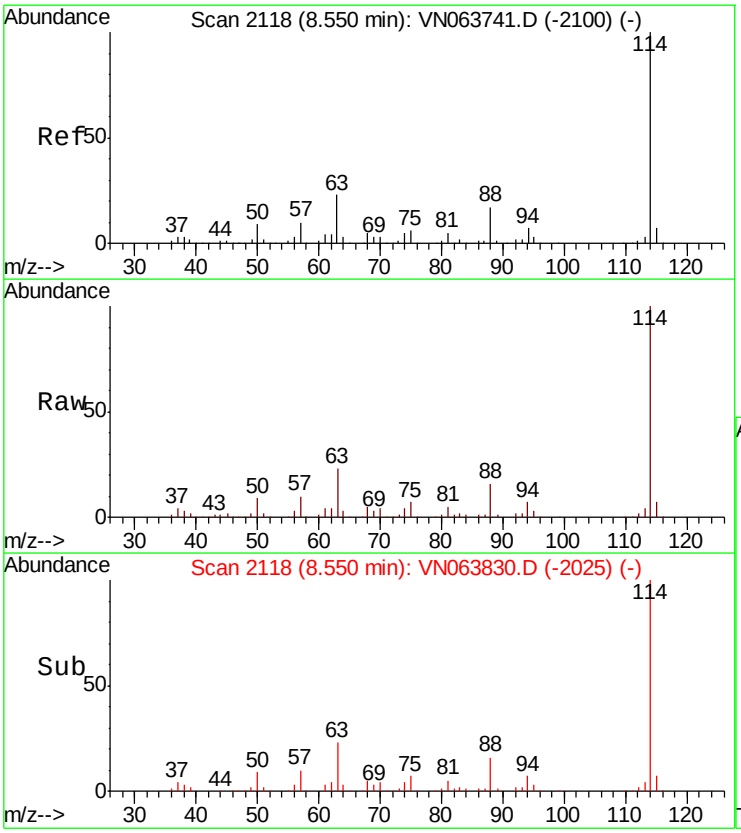
#33
1,2-Dichloroethane-d4
Concen: 54.266 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion: 65 Resp: 192392

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	99.6

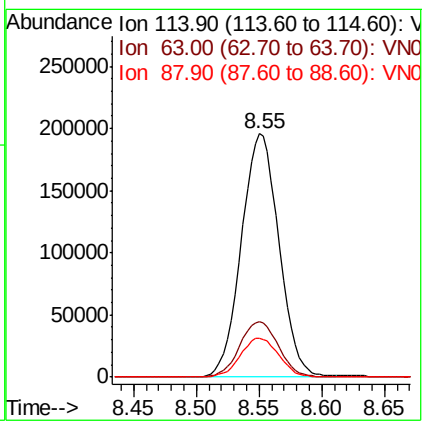


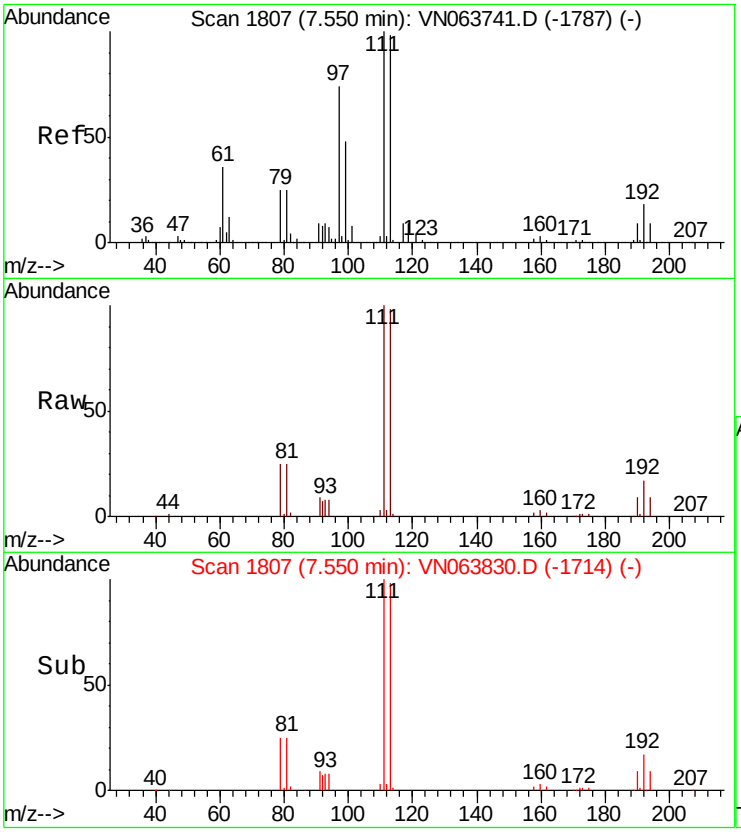


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion:114 Resp: 408892

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.0
88	15.8	0.0	34.0



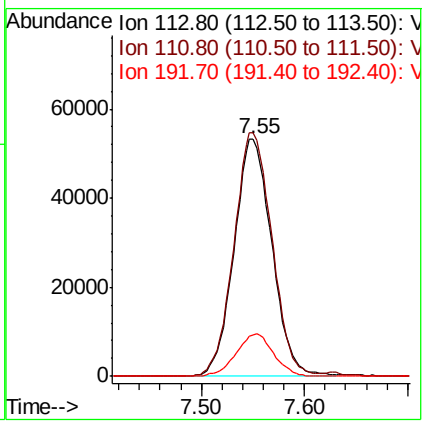


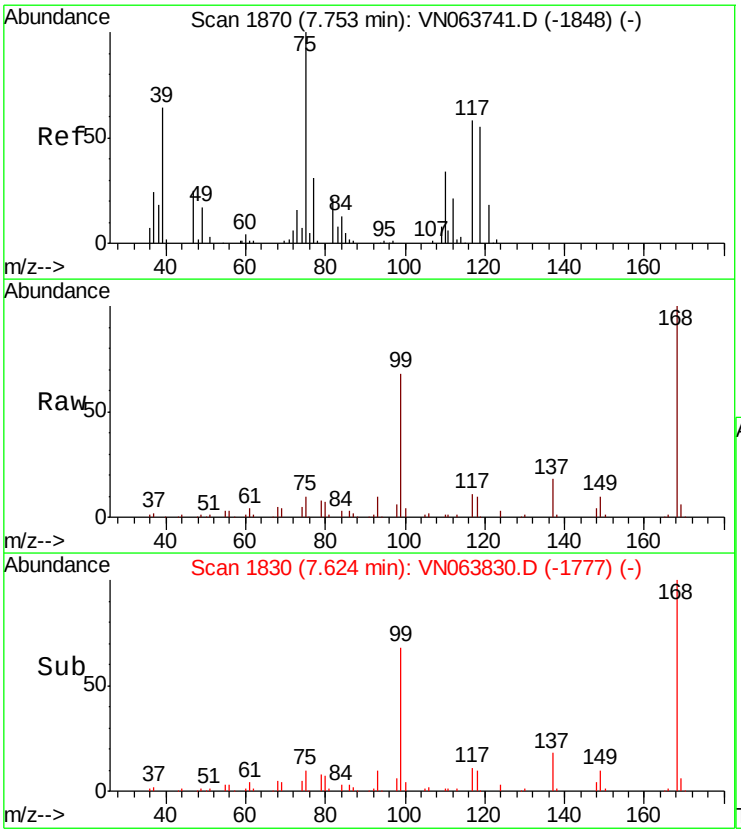
#35
Dibromofluoromethane
Concen: 47.847 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion:113 Resp: 135753

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	17.5	14.2	21.2

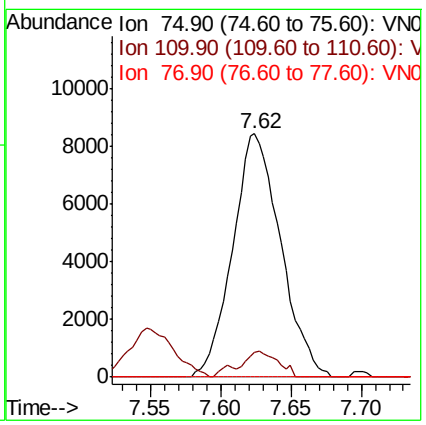


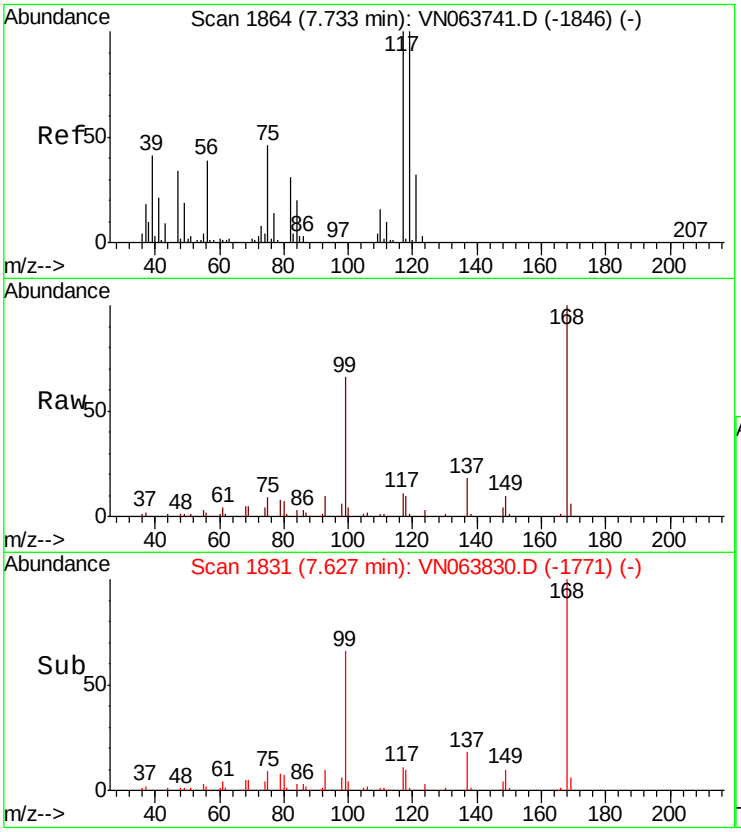


#36
1,1-Dichloropropene
Concen: 4.845 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 75 Resp: 20072

Ion	Ratio	Lower	Upper
75	100		
110	7.0	16.9	50.6#
77	0.0	24.5	36.7#



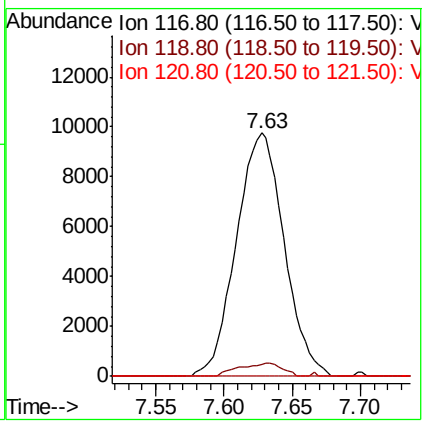


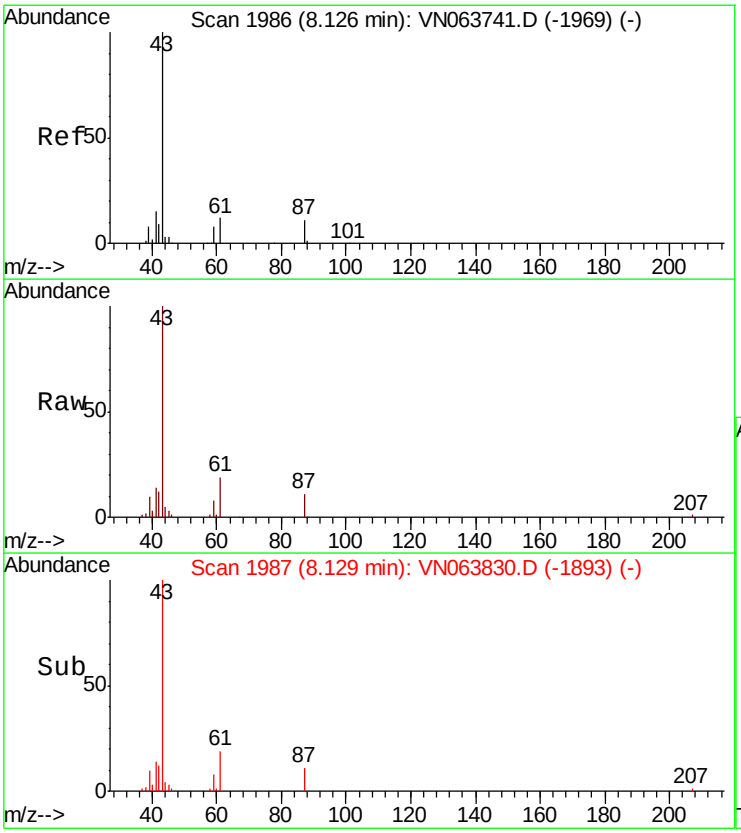
#38
Carbon Tetrachloride
Concen: 5.111 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion:117 Resp: 23741

Ion	Ratio	Lower	Upper
117	100		
119	4.9	80.1	120.1#
121	0.0	25.7	38.5#

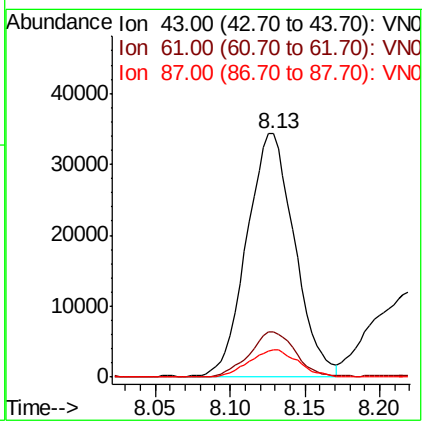


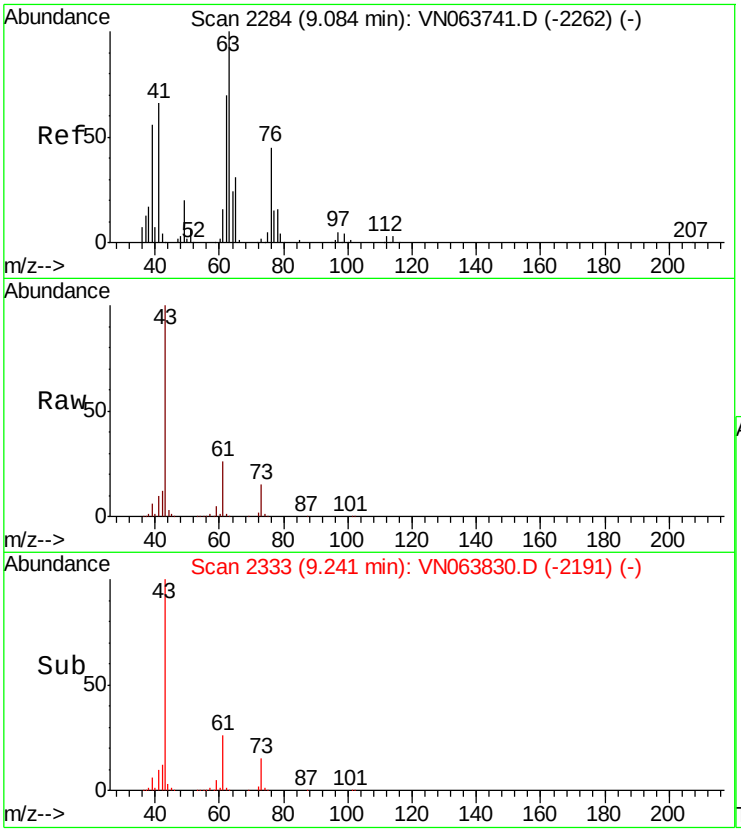


#43
Isopropyl Acetate
Concen: 11.281 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 43 Resp: 76583

Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.2	21.4
87	11.4	9.0	13.6



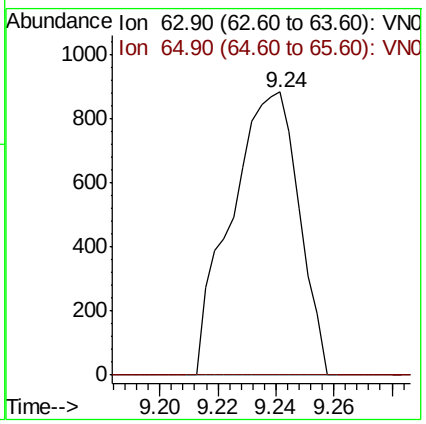


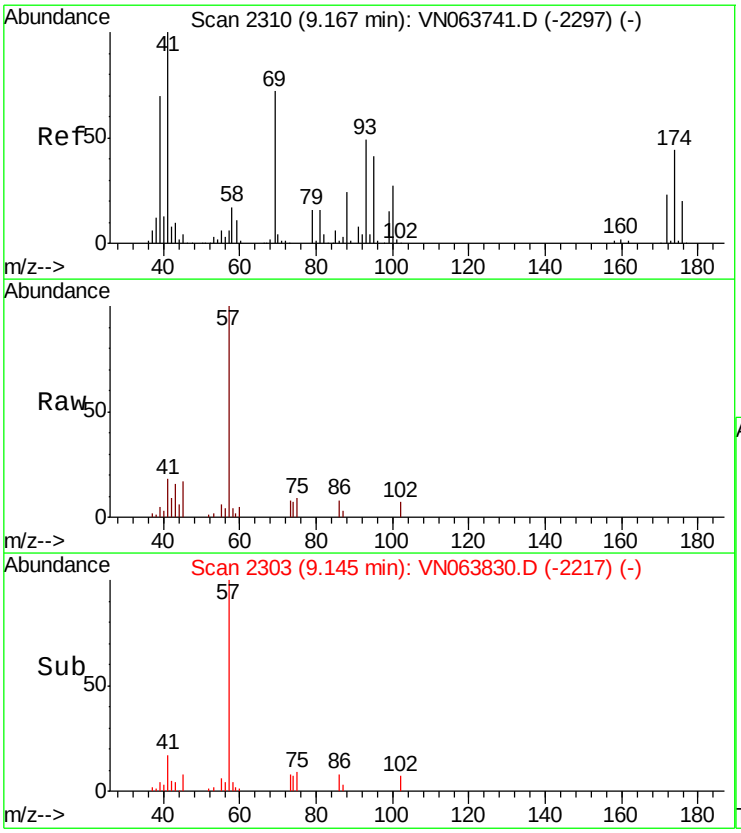
#45
1,2-Dichloropropane
Concen: 0.447 ug/l
RT: 9.24 min Scan# 2333
Delta R.T. 0.16 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion: 63 Resp: 1429

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#

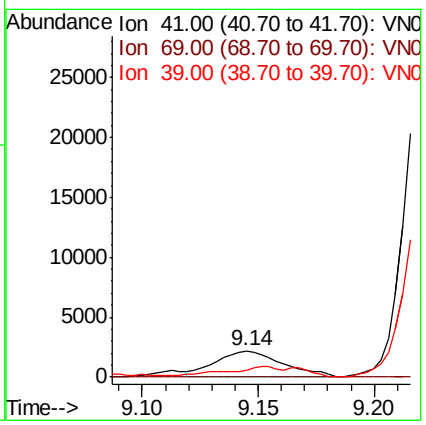


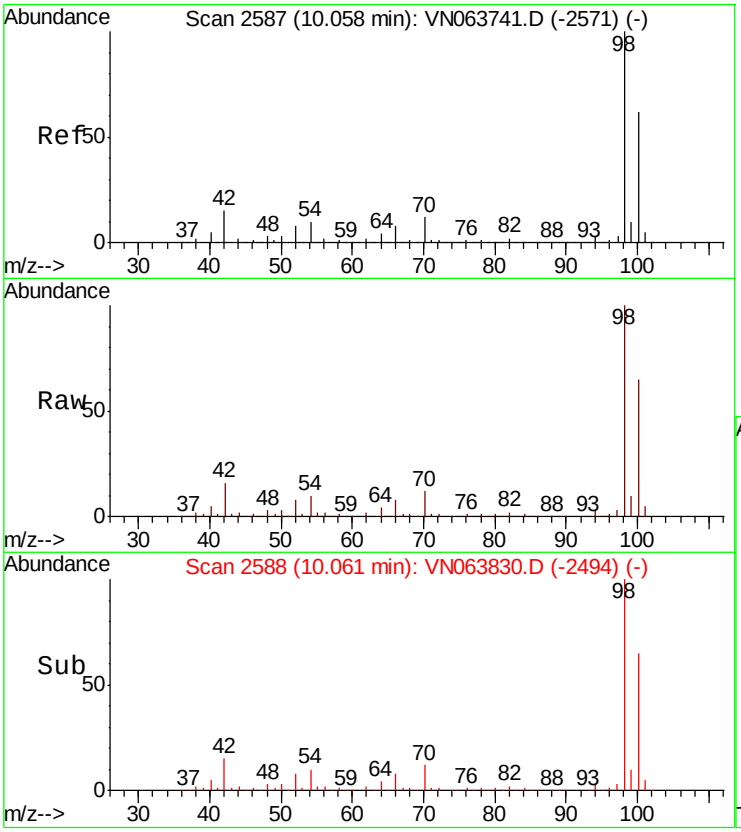


#48
Methyl methacrylate
Concen: 1.316 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 41 Resp: 4415

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



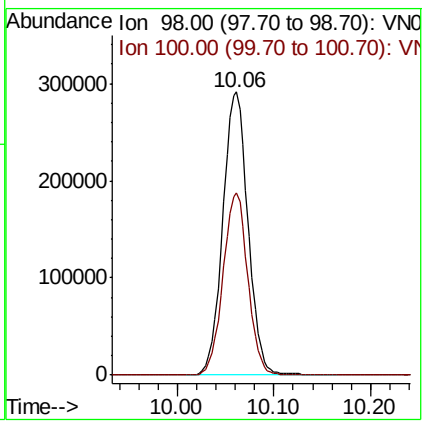


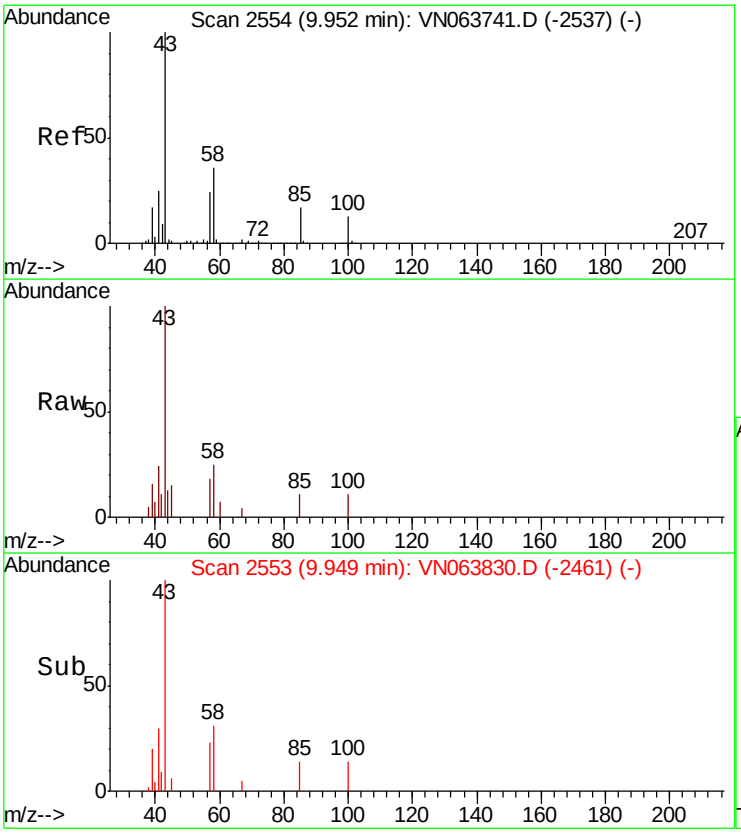
#50
Toluene-d8
Concen: 48.956 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument : MSVOA_N
ClientSampleId : PB132030ZHE#09

Tgt Ion: 98 Resp: 526544

Ion	Ratio	Lower	Upper
98	100		
100	63.2	49.8	74.6

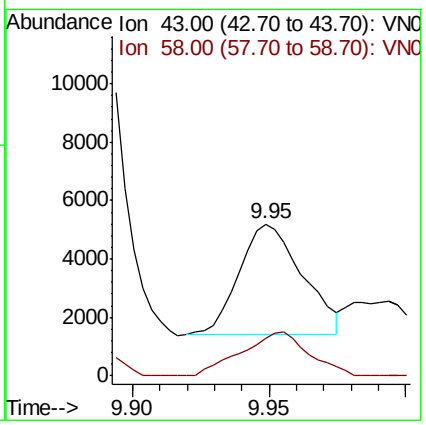


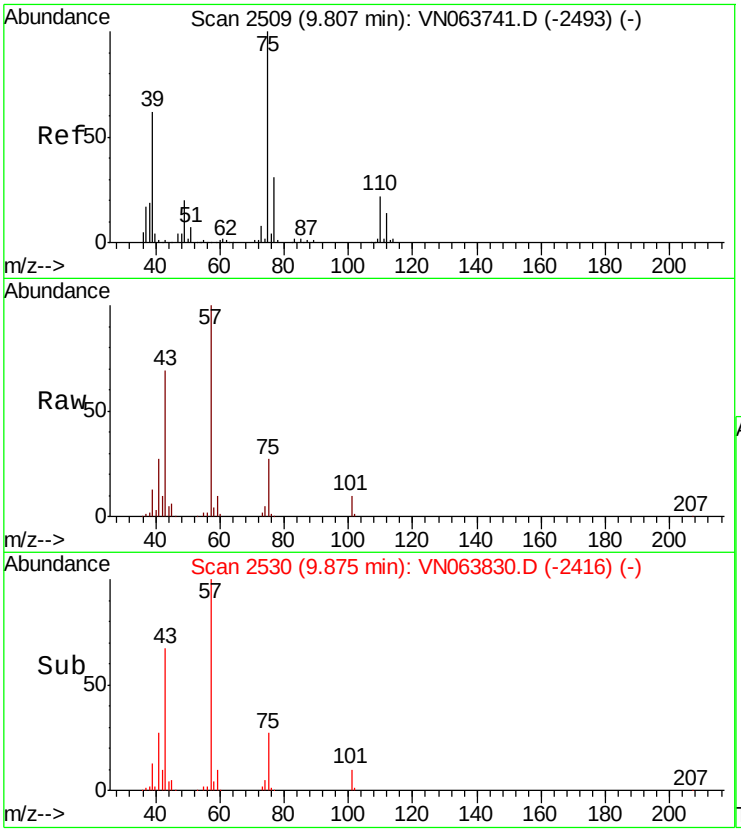


#51
4-Methyl-2-Pentanone
Concen: 1.511 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 43 Resp: 6018

Ion	Ratio	Lower	Upper
43	100		
58	42.6	28.4	42.6#



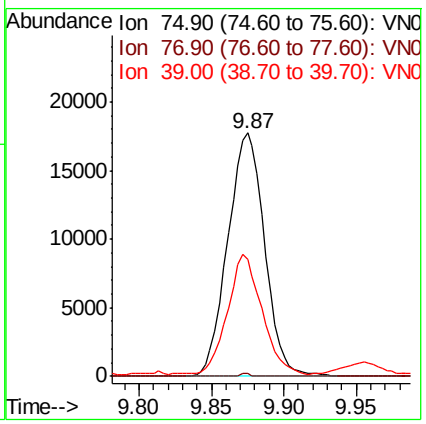


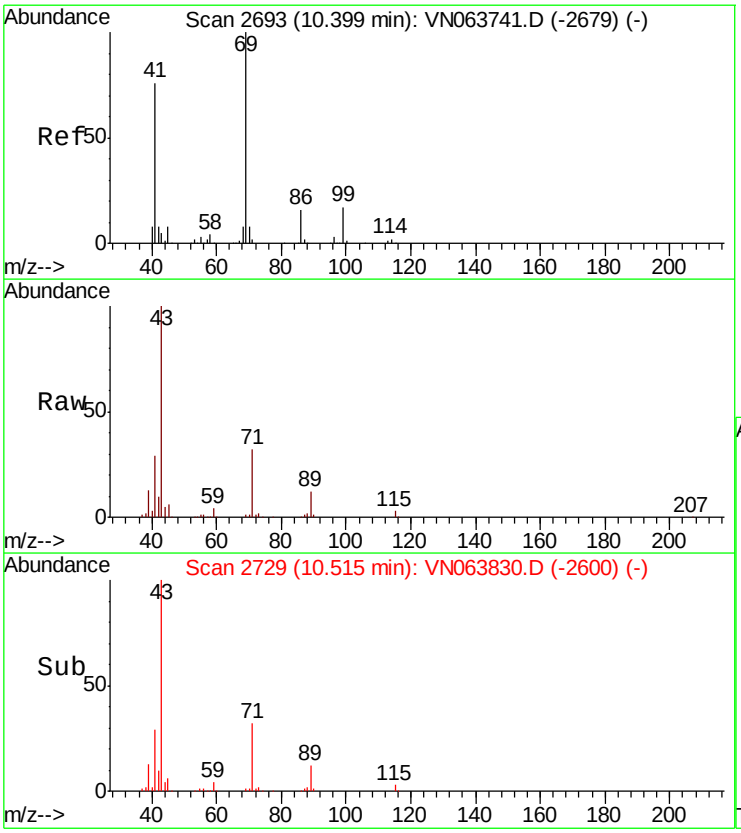
#54
cis-1,3-Dichloropropene
Concen: 6.125 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion: 75 Resp: 31196

Ion	Ratio	Lower	Upper
75	100		
77	1.0	24.6	36.8#
39	46.7	49.7	74.5#

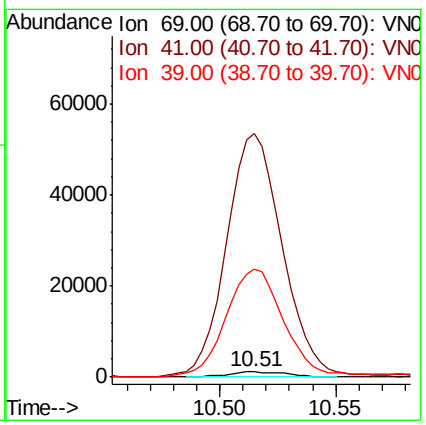


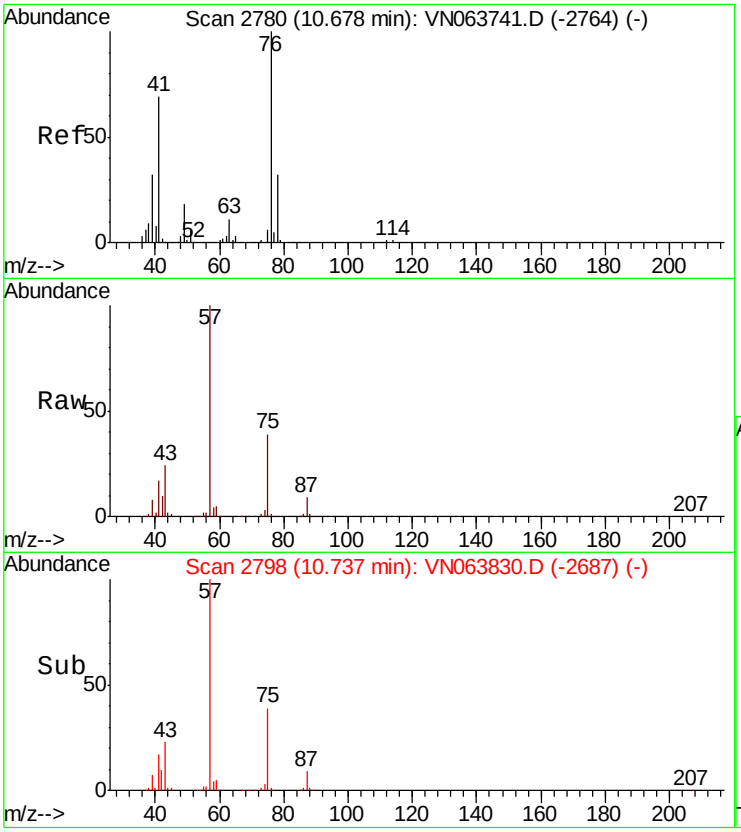


#56
Ethyl methacrylate
Concen: 0.497 ug/l
RT: 10.51 min Scan# 2729
Delta R.T. 0.12 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 69 Resp: 2066

Ion	Ratio	Lower	Upper
69	100		
41	4339.1	61.1	91.7#
39	2006.6	42.2	63.4#



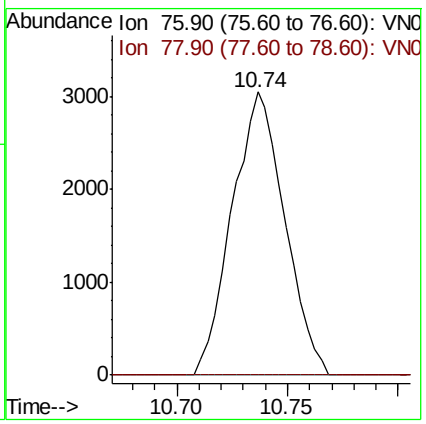


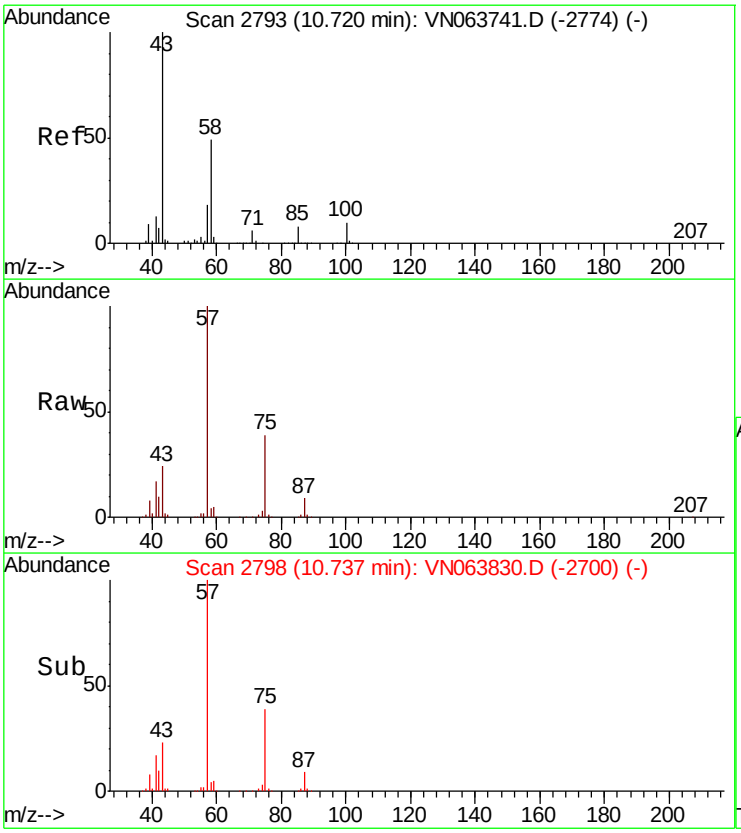
#57
1,3-Dichloropropane
Concen: 1.015 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion: 76 Resp: 5039

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#

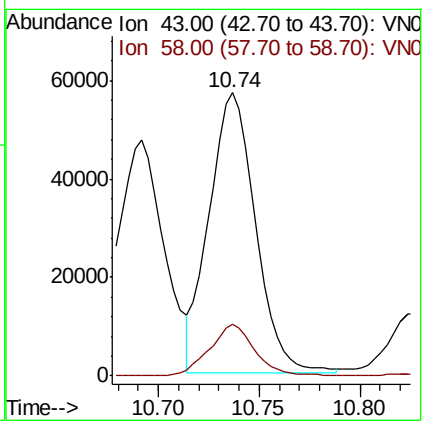


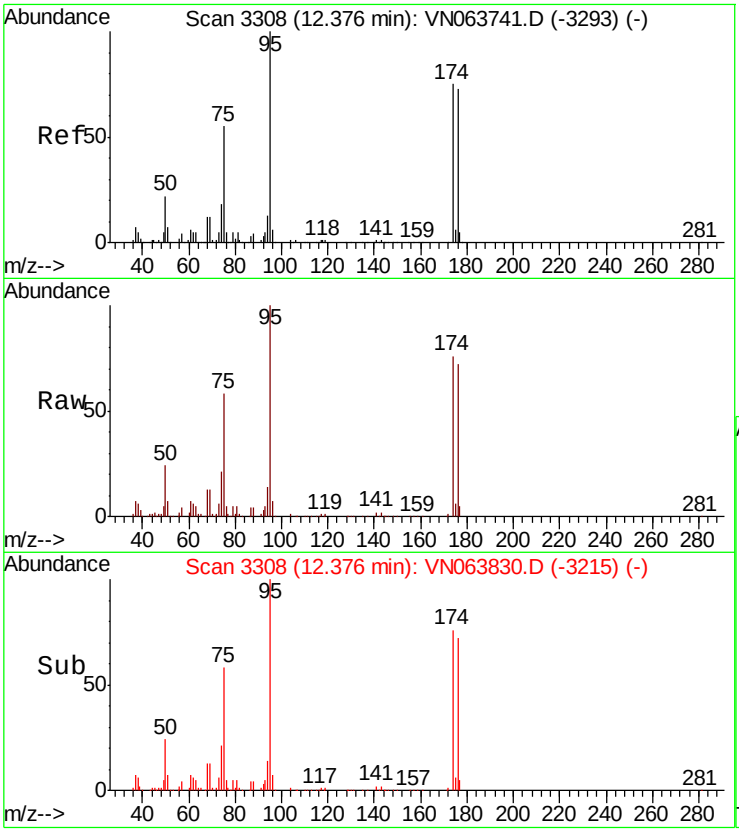


#59
2-Hexanone
Concen: 30.838 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 43 Resp: 91264

Ion	Ratio	Lower	Upper
43	100		
58	18.0	24.6	73.8#



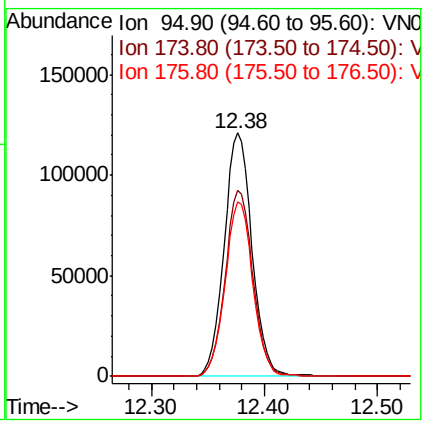


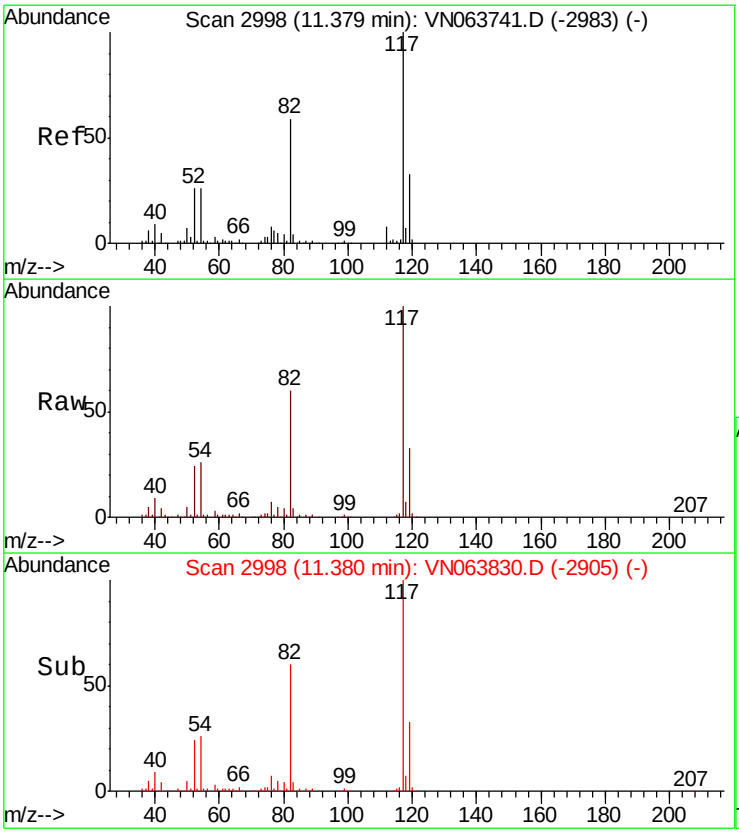
#62
4-Bromofluorobenzene
Concen: 51.251 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion: 95 Resp: 207213

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	150.6
176	71.6	0.0	145.4

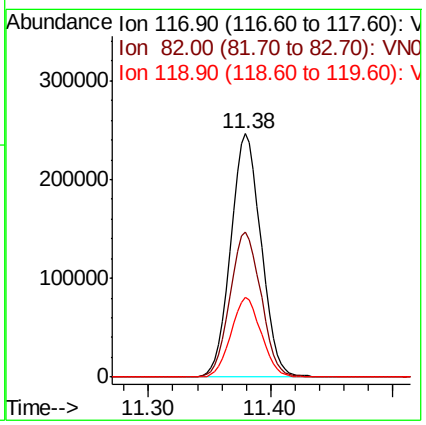


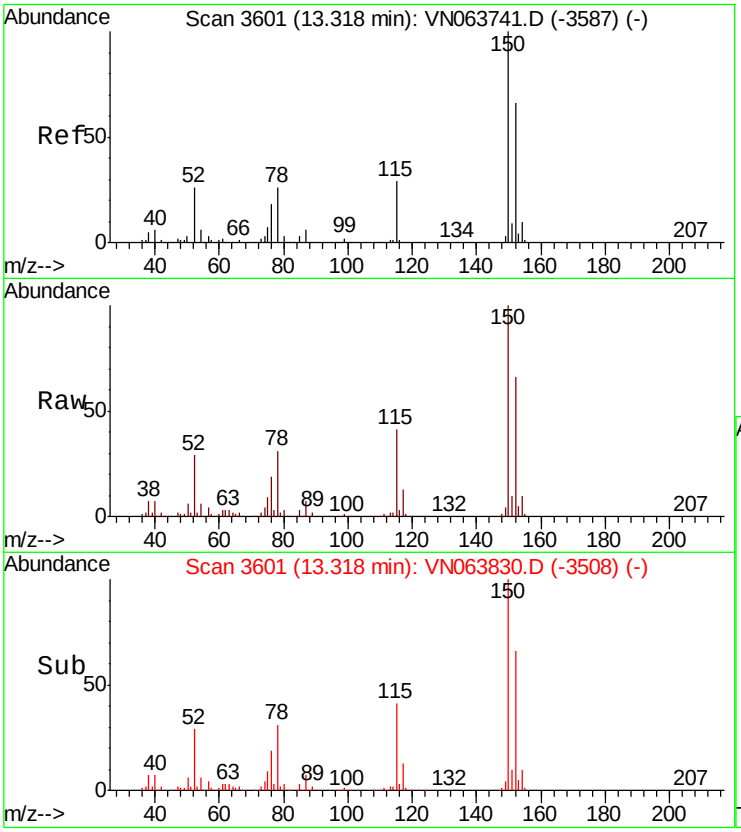


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion:117 Resp: 426015

Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.4	71.2
119	32.5	26.4	39.6



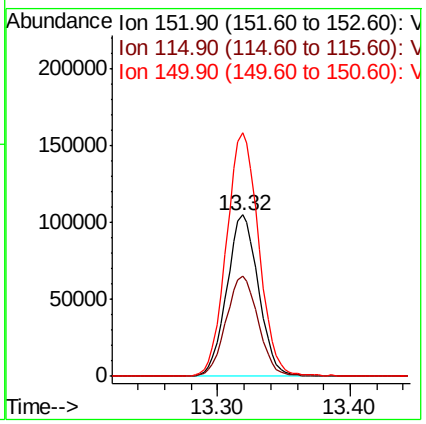


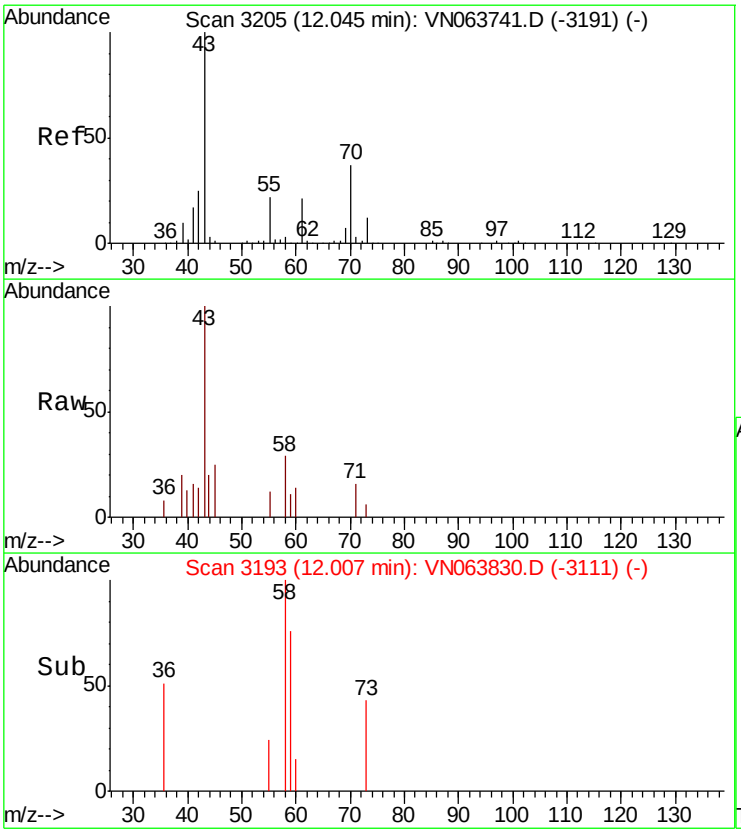
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion:152 Resp: 174314

Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.3	93.8
150	154.3	0.0	341.8

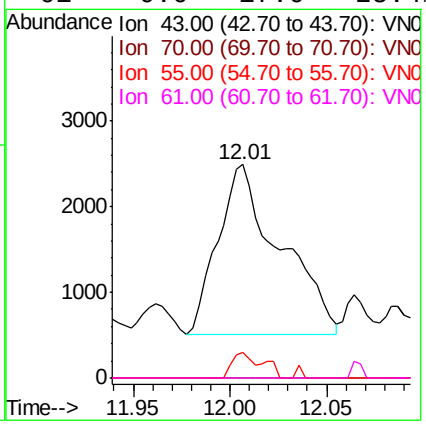


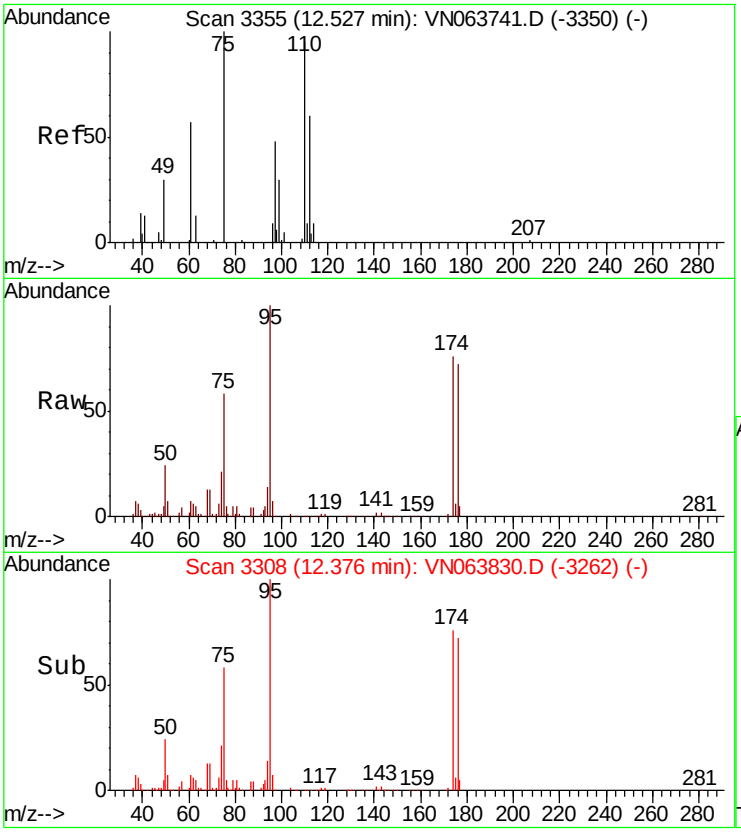


#74
N-amyl acetate
Concen: 2.930 ug/l
RT: 12.01 min Scan# 3193
Delta R.T. -0.04 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion: 43 Resp: 4417

Ion	Ratio	Lower	Upper
43	100		
70	0.0	29.8	44.8#
55	4.7	17.9	26.9#
61	0.0	17.0	25.4#



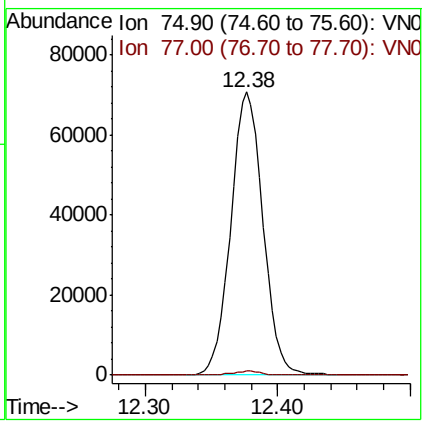


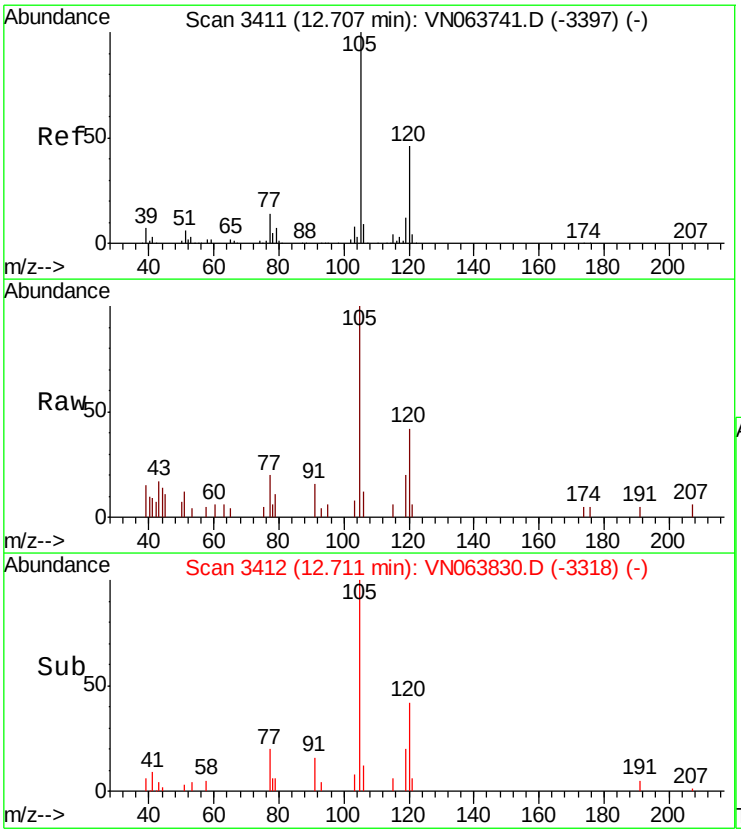
#76
1,2,3-Trichloropropane
Concen: 30.990 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion: 75 Resp: 119080

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

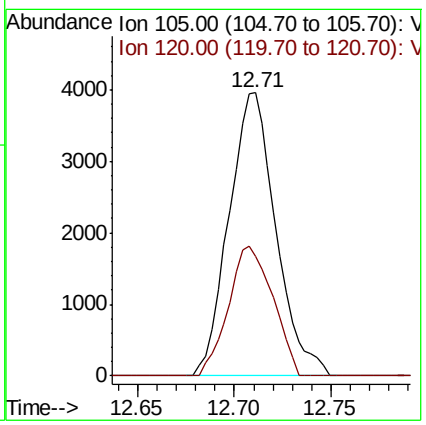


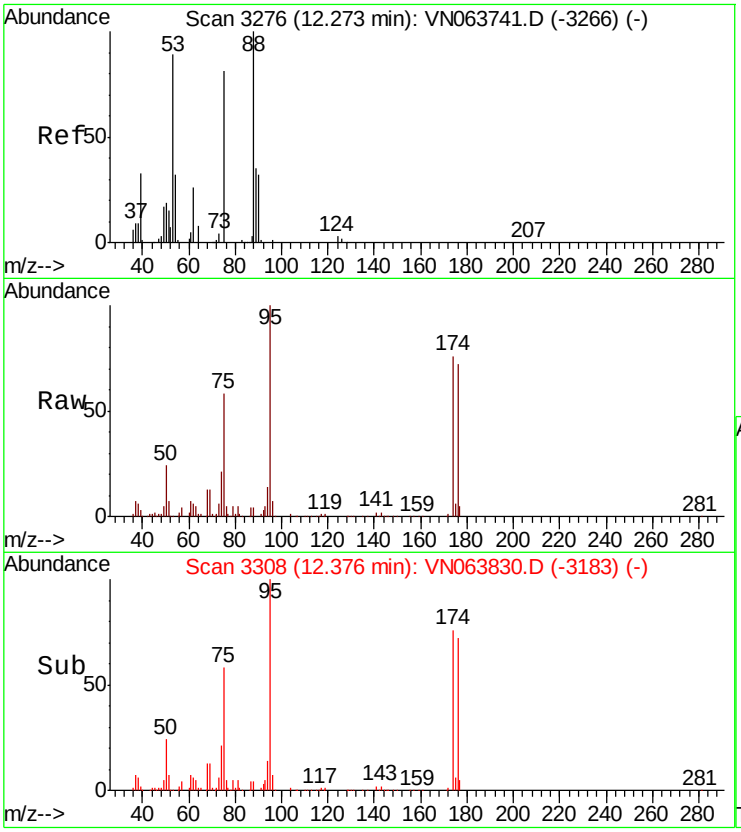


#80
1,3,5-Trimethylbenzene
Concen: 0.627 ug/l
RT: 12.71 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Tgt Ion:105 Resp: 6683

Ion	Ratio	Lower	Upper
105	100		
120	43.1	23.3	69.9





#81
trans-1,4-Dichloro-2-butene
Concen: 89.255 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN063830.D
Acq: 2 Oct 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
PB132030ZHE#09

Tgt Ion: 75 Resp: 119080

Ion	Ratio	Lower	Upper
75	100		
53	0.1	88.2	132.2#
89	0.0	36.0	54.0#