Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100820\
Data File : VN064014.D
Acq On : 9 Oct 2020 2:29
Operator : JC/MD
Sample : PB132189ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : PB132189ZHE#03

Quant Time: Oct 09 04:11:29 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	252685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	480619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	497709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	191122	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	211287	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.22%			
35) Dibromofluoromethane	7.55	113	155523	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.26%			
50) Toluene-d8	10.06	98	614383	48.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.20%			
62) 4-Bromofluorobenzene	12.38	95	234363	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.64%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.72	59	119	0.258	ug/l #	71
16) Acetone	3.78	43	14047	10.931	ug/l	93
17) Carbon Disulfide	4.01	76	700	0.801	ug/l #	76
18) Methyl Acetate	4.30	43	3756	1.126	ug/l #	59
20) Methylene Chloride	4.50	84	4391	1.587	ug/l	90
25) 2-Butanone	6.79	43	1111	0.610	ug/l #	61
29) Tetrahydrofuran	7.15	42	347	0.284	ug/l #	43
31) Cyclohexane	7.62	56	6415	1.324	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	21326	4.380	ug/l #	49
38) Carbon Tetrachloride	7.62	117	26653	4.882	ug/l #	15
43) Isopropyl Acetate	8.13	43	90289	11.315	ug/l	99
45) 1,2-Dichloropropane	9.23	63	1800	0.479	ug/l #	44
48) Methyl methacrylate	9.14	41	6667	1.691	ug/l #	12
49) 1,4-Dioxane	9.22	88	68	1.214	ug/l #	20
51) 4-Methyl-2-Pentanone	9.96	43	8792	1.878	ug/l	95
54) cis-1,3-Dichloropropene	9.87	75	36698	6.130	ug/l #	63
56) Ethyl methacrylate	10.51	69	2820	0.577	ug/l #	1
57) 1,3-Dichloropropane	10.74	76	6914	1.185	ug/l #	43
59) 2-Hexanone	10.74	43	111891	32.166	ug/l #	53
71) Bromoform	12.38	173	629	0.210	ug/l #	1
74) N-amyl acetate	12.01	43	4332	2.855	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	127081	30.163	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.71	105	3442	0.294	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	127081	86.875	ug/l #	6
95) Naphthalene	15.10	128	152	1.939	ug/l #	69

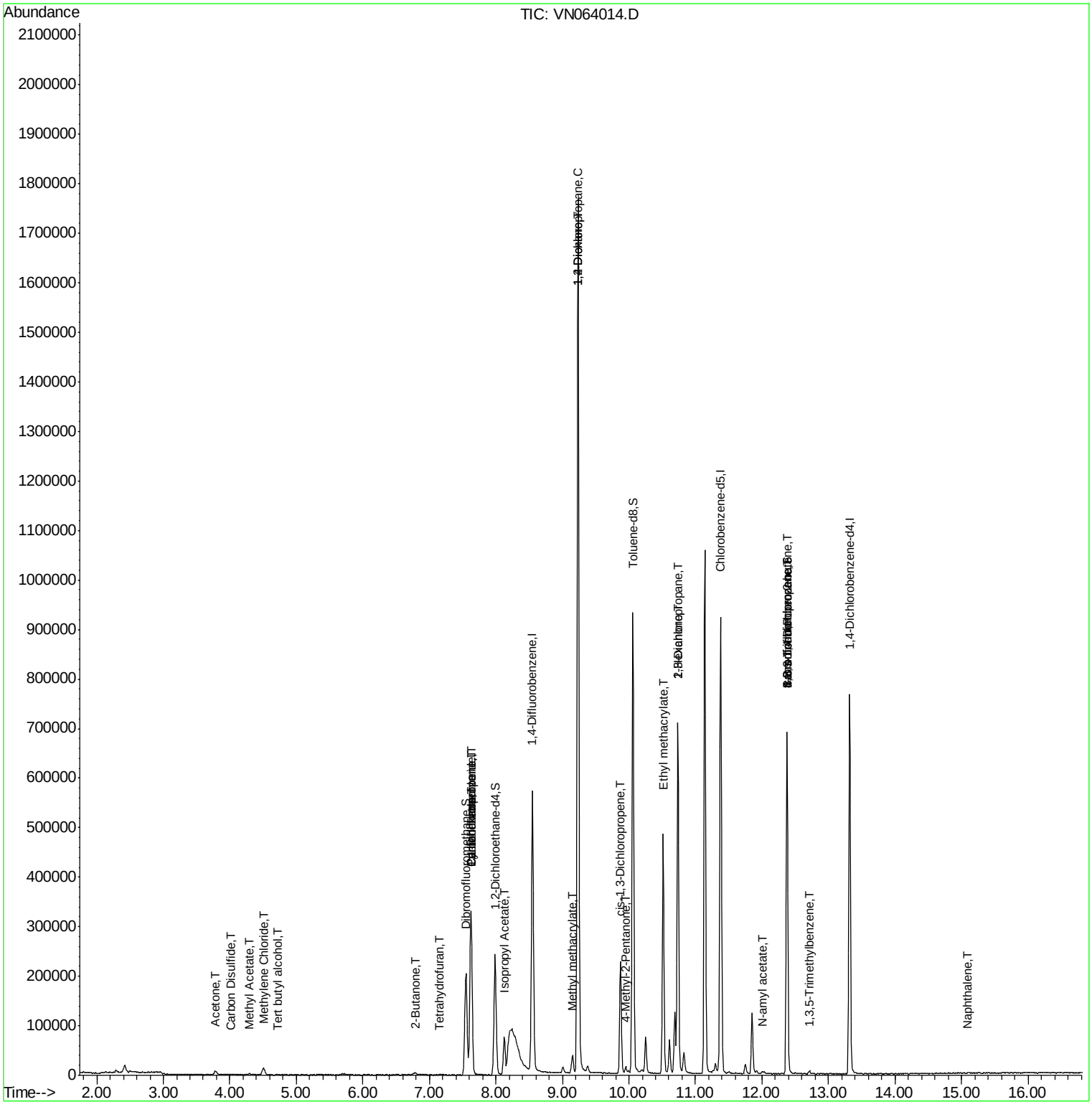
(#) = qualifier out of range (m) = manual integration (+) = signals summed

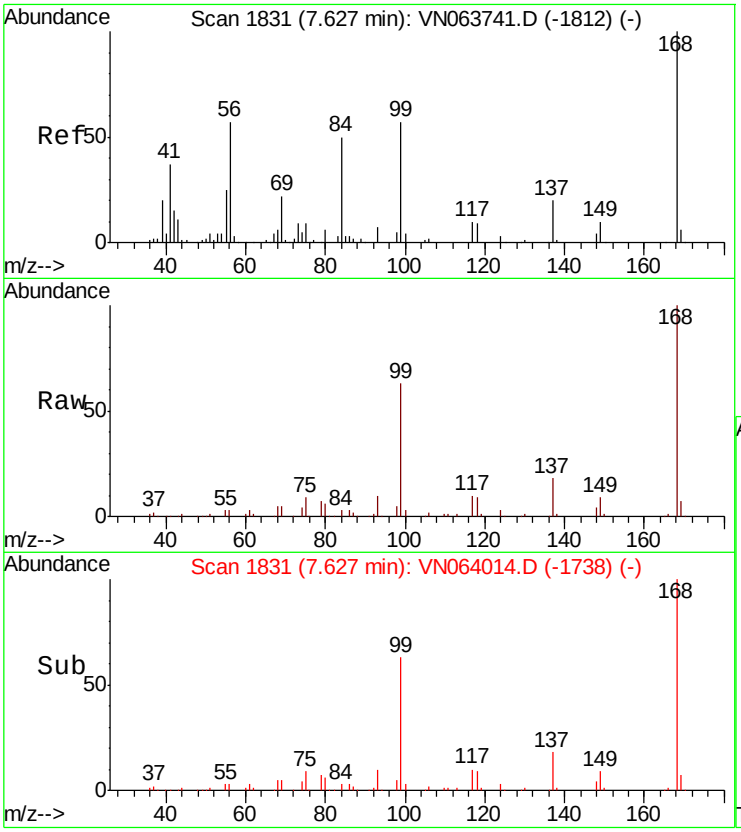
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100820\
Data File : VN064014.D
Acq On : 9 Oct 2020 2:29
Operator : JC/MD
Sample : PB132189ZHE#03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Quant Time: Oct 09 04:11:29 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



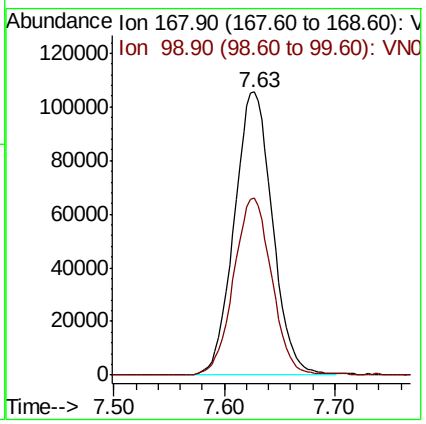


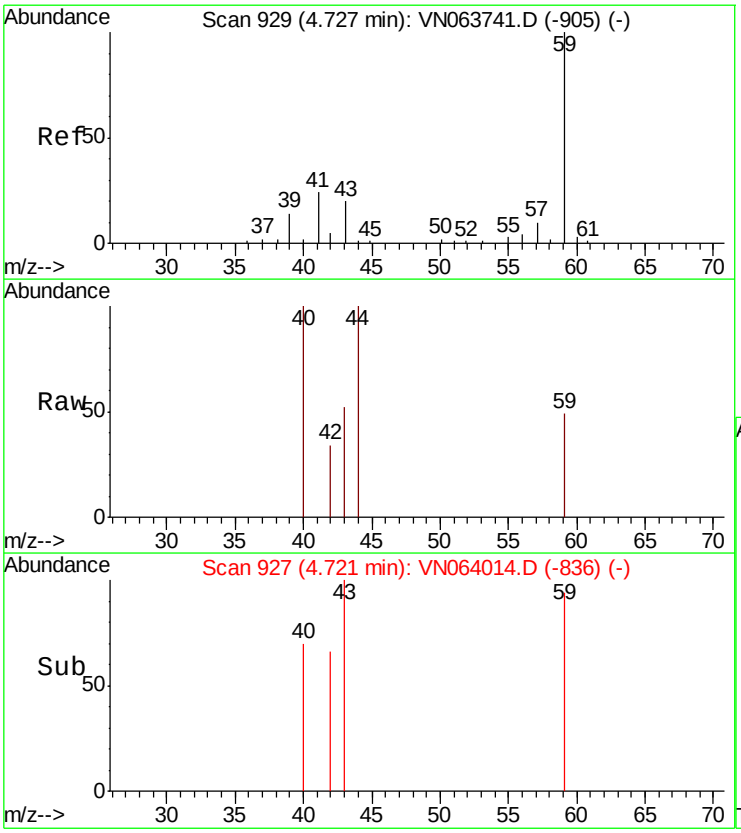
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tgt Ion:168 Resp: 252685

Ion	Ratio	Lower	Upper
168	100		
99	62.5	51.8	77.6

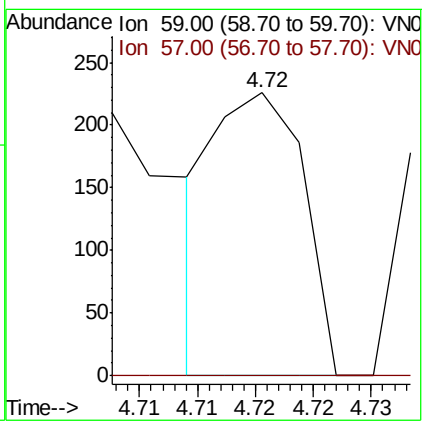


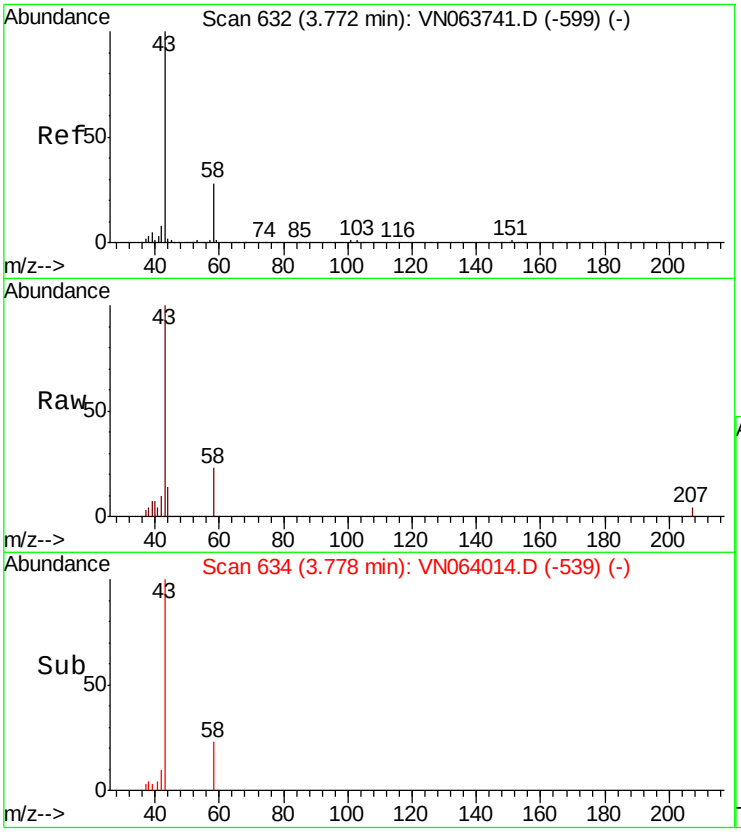


#11
Tert butyl alcohol
Concen: 0.258 ug/l
RT: 4.72 min Scan# 927
Delta R.T. -0.01 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 59 Resp: 119

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.7	13.1#



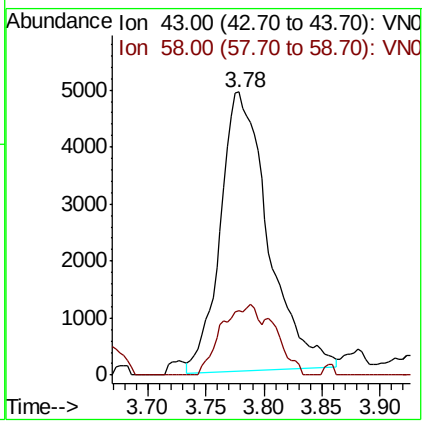


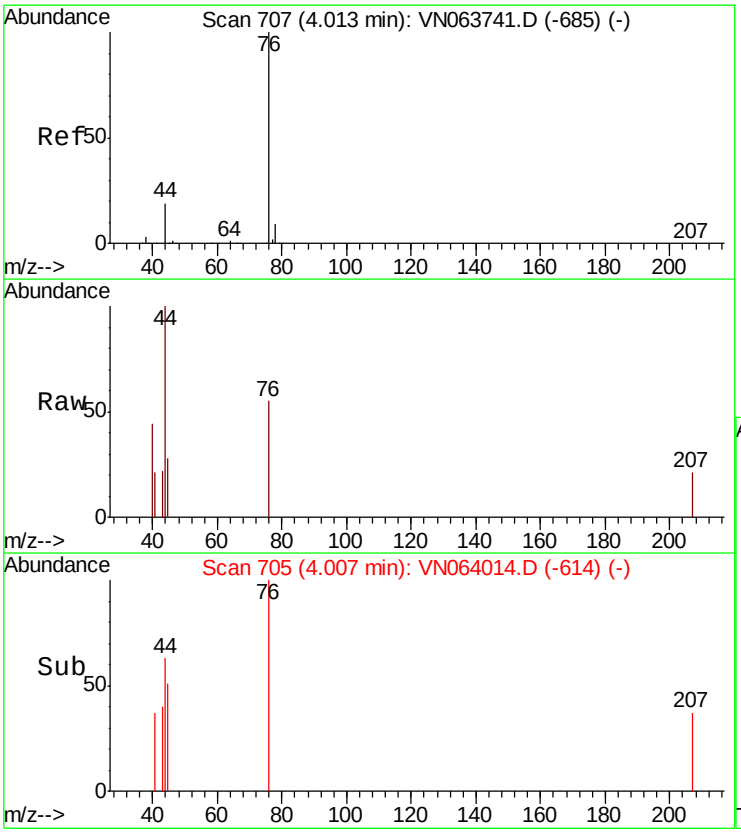
#16
Acetone
Concen: 10.931 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132189ZHE#03

Tgt Ion: 43 Resp: 14047

Ion	Ratio	Lower	Upper
43	100		
58	24.0	22.3	33.5

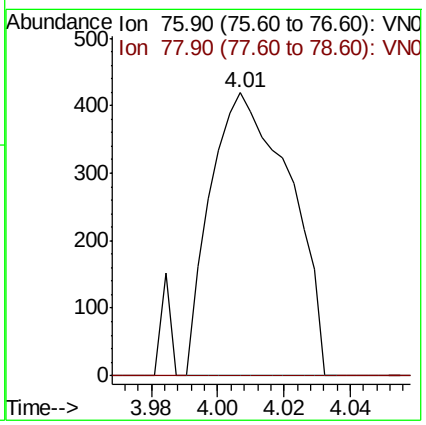


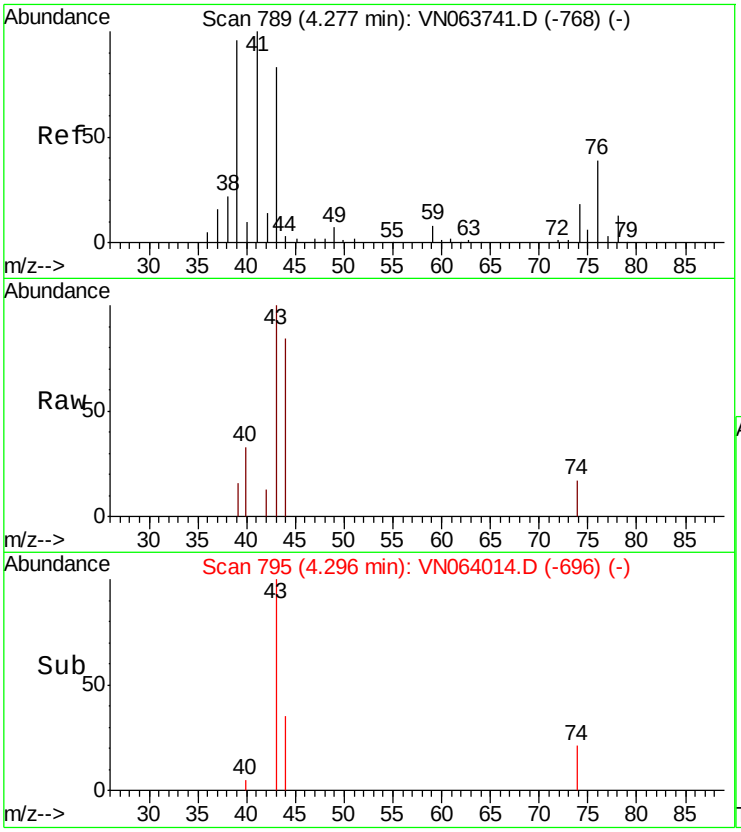


#17
Carbon Disulfide
Concen: 0.801 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.01 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 76 Resp: 700

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.0	10.4#



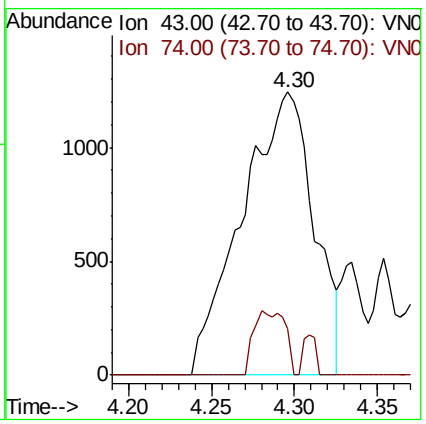


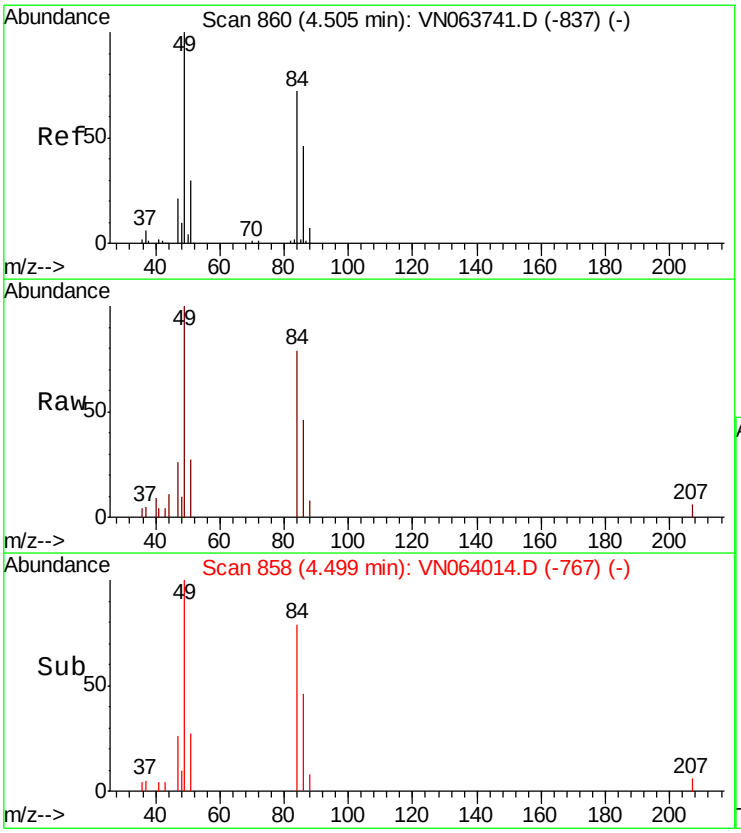
#18
Methyl Acetate
Concen: 1.126 ug/l
RT: 4.30 min Scan# 795
Delta R.T. 0.02 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132189ZHE#03

Tgt Ion: 43 Resp: 3756

Ion	Ratio	Lower	Upper
43	100		
74	2.6	17.4	26.2#

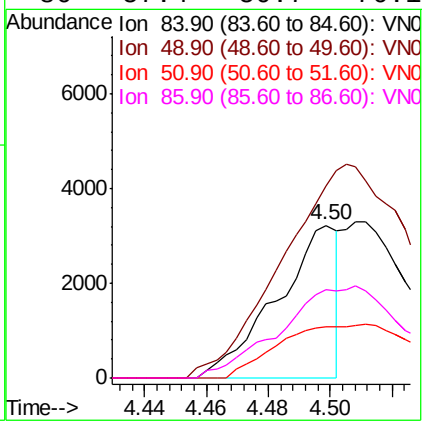


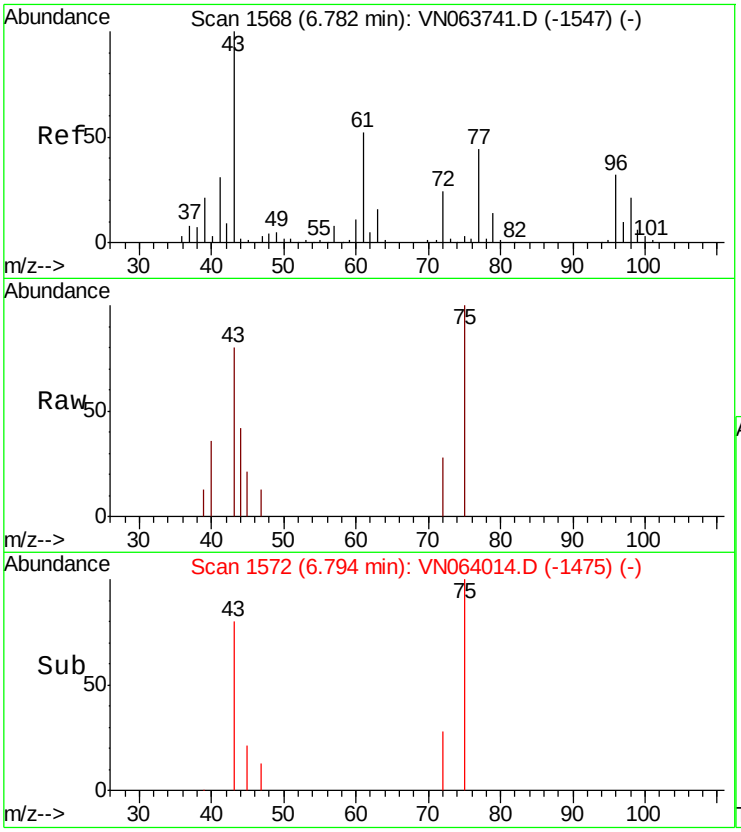


#20
Methylene Chloride
Concen: 1.587 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 84 Resp: 4391

Ion	Ratio	Lower	Upper
84	100		
49	125.9	110.4	165.6
51	33.7	33.3	49.9
86	57.4	50.7	76.1



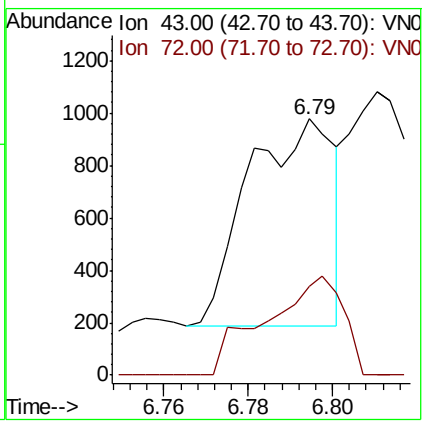


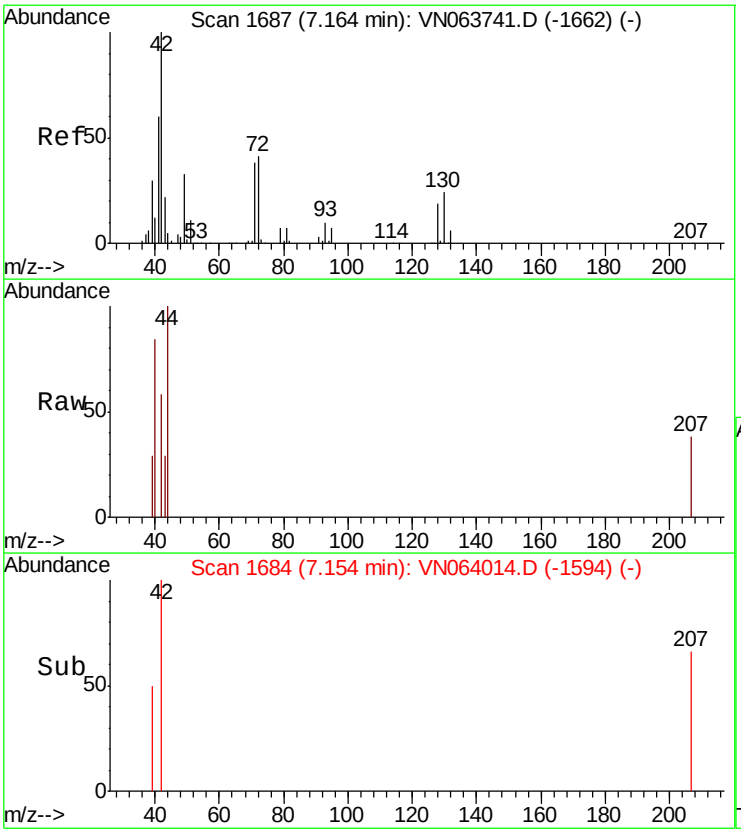
#25
2-Butanone
Concen: 0.610 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132189ZHE#03

Tgt Ion: 43 Resp: 1111

Ion	Ratio	Lower	Upper
43	100		
72	43.3	19.3	28.9#

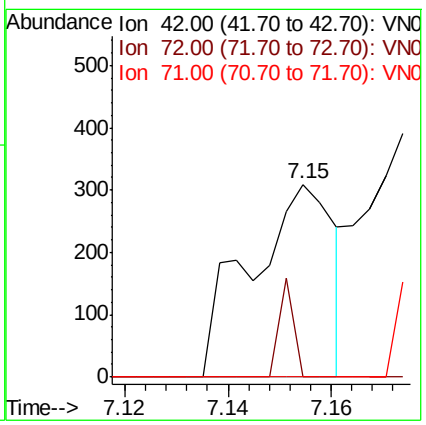


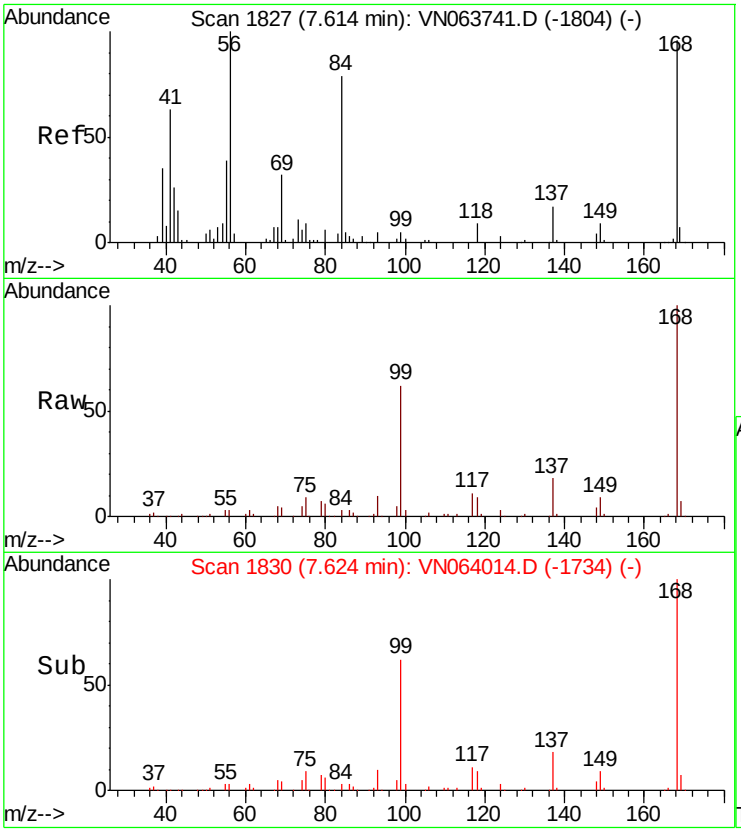


#29
Tetrahydrofuran
Concen: 0.284 ug/l
RT: 7.15 min Scan# 1684
Delta R.T. -0.01 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 42 Resp: 347

Ion	Ratio	Lower	Upper
42	100		
72	8.9	32.8	49.2#
71	0.0	30.6	45.8#



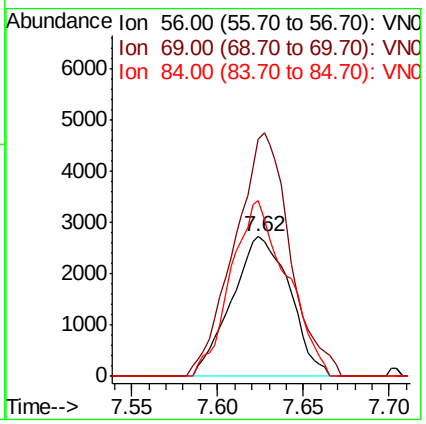


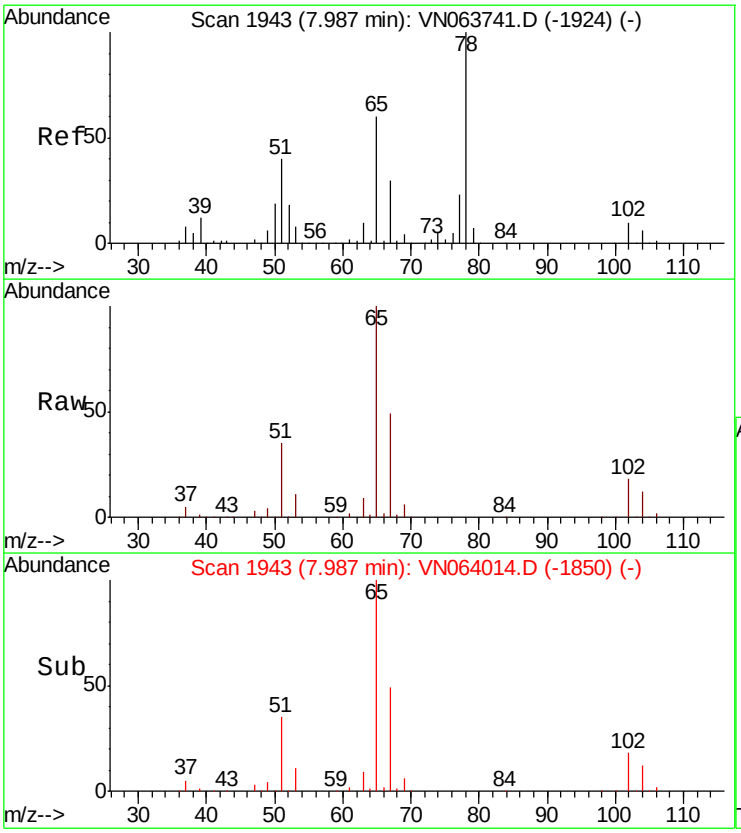
#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tgt Ion: 56 Resp: 6415

Ion	Ratio	Lower	Upper
56	100		
69	169.9	25.4	38.2#
84	125.9	63.3	94.9#

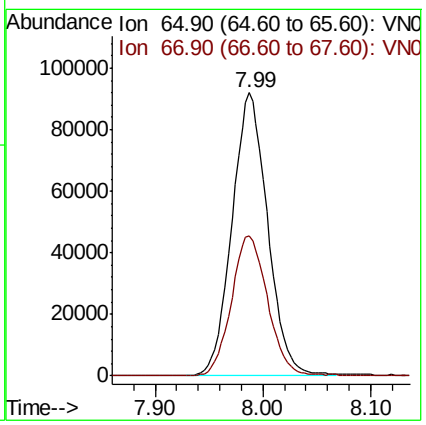


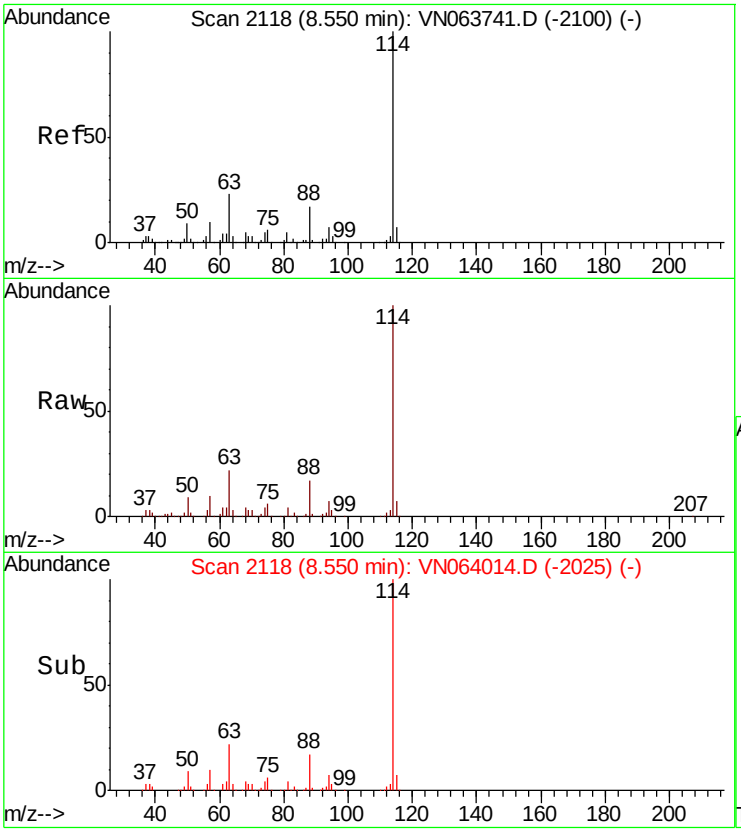


#33
1,2-Dichloroethane-d4
Concen: 50.613 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 65 Resp: 211287

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	99.6



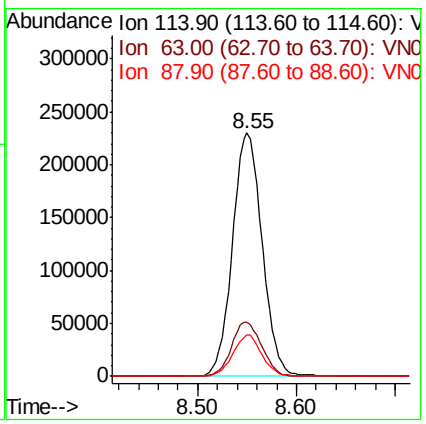


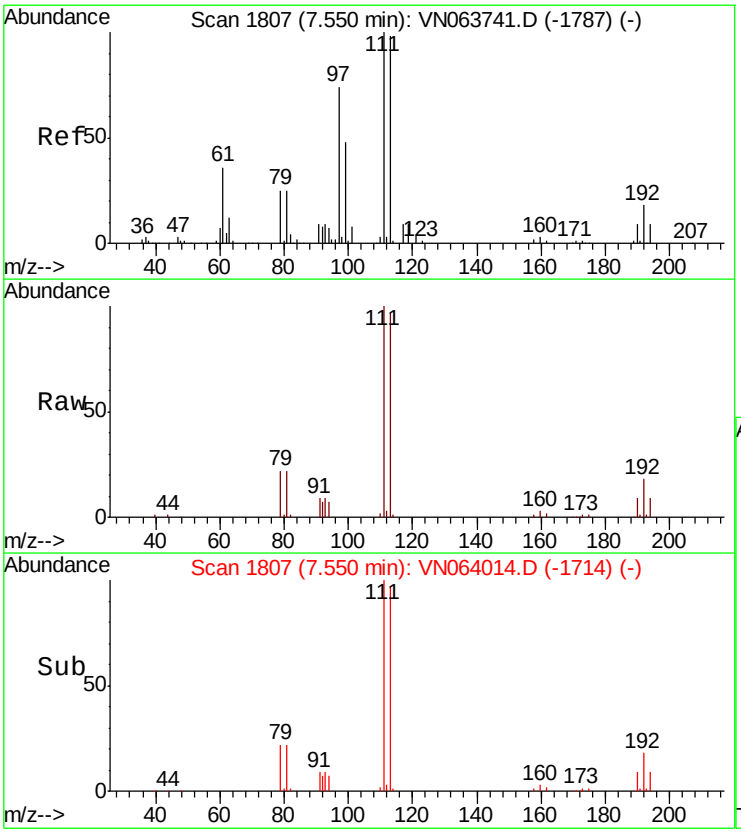
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tgt Ion:114 Resp: 480619

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.0
88	16.9	0.0	34.0

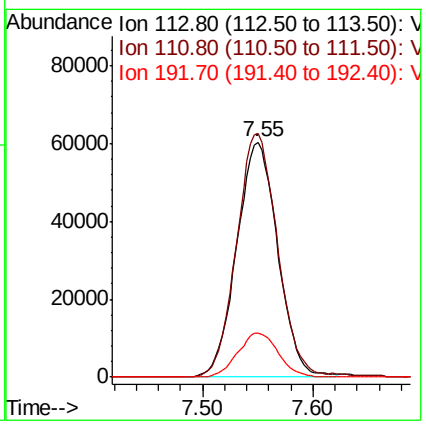


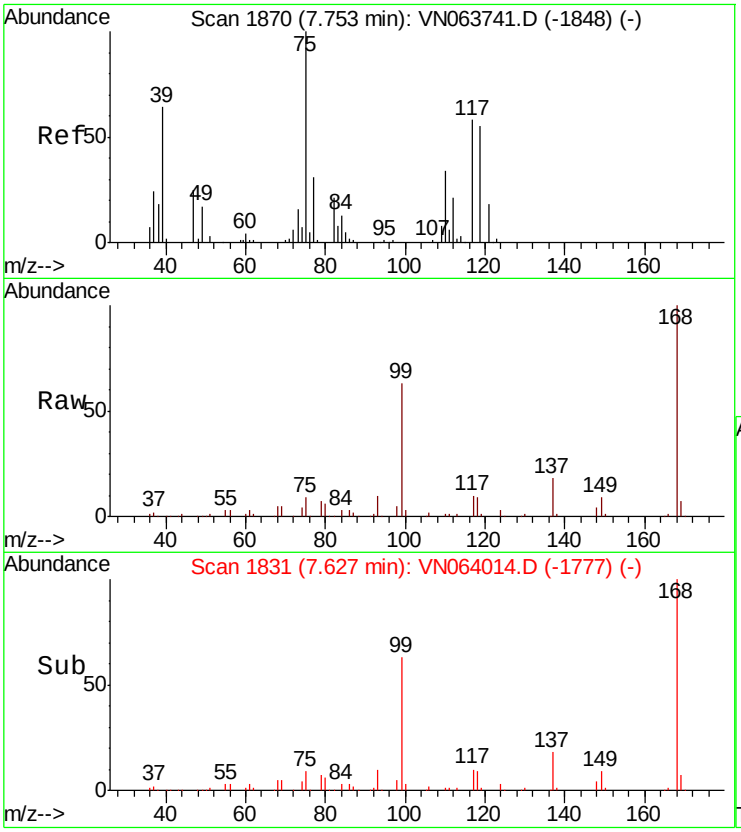


#35
Dibromofluoromethane
Concen: 46.635 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion:113 Resp: 155523

Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.8
192	18.5	14.2	21.2



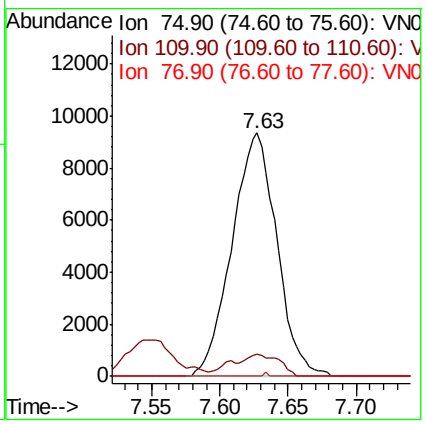


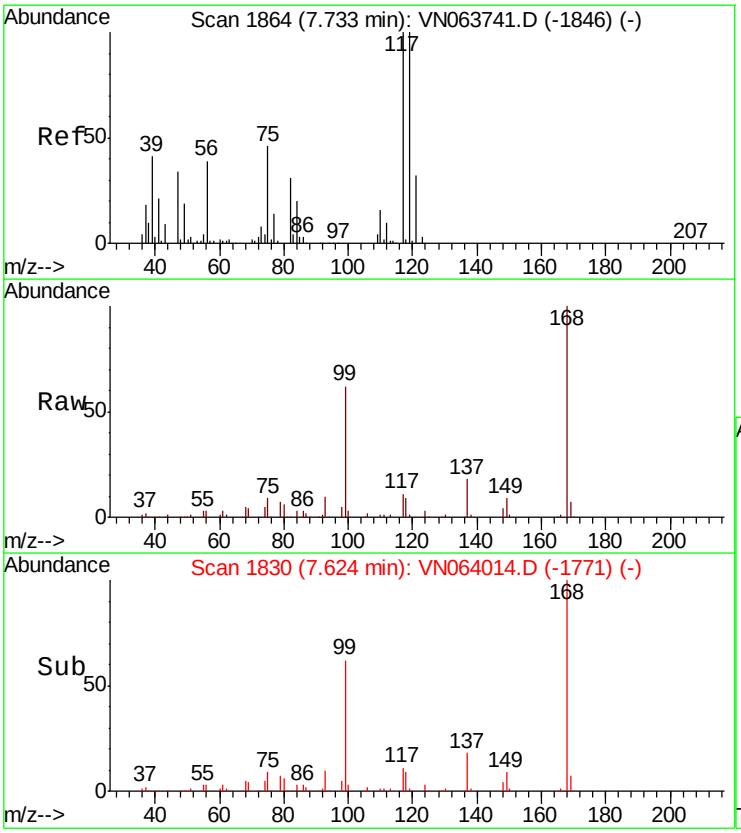
#36
1,1-Dichloropropene
Concen: 4.380 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tgt Ion: 75 Resp: 21326

Ion	Ratio	Lower	Upper
75	100		
110	6.8	16.9	50.6#
77	0.2	24.5	36.7#

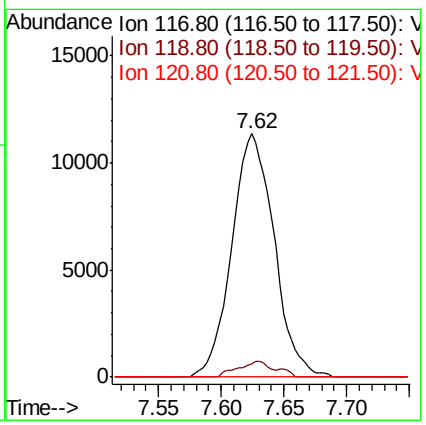


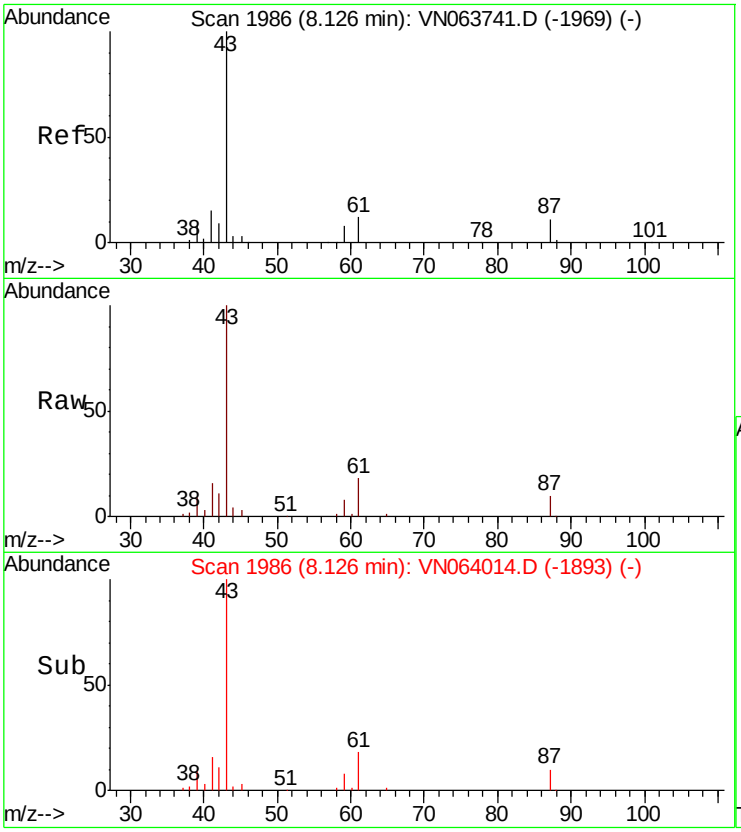


#38
Carbon Tetrachloride
Concen: 4.882 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion:117 Resp: 26653

Ion	Ratio	Lower	Upper
117	100		
119	5.6	80.1	120.1#
121	0.0	25.7	38.5#



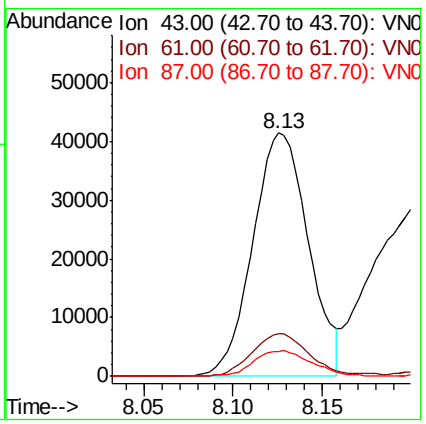


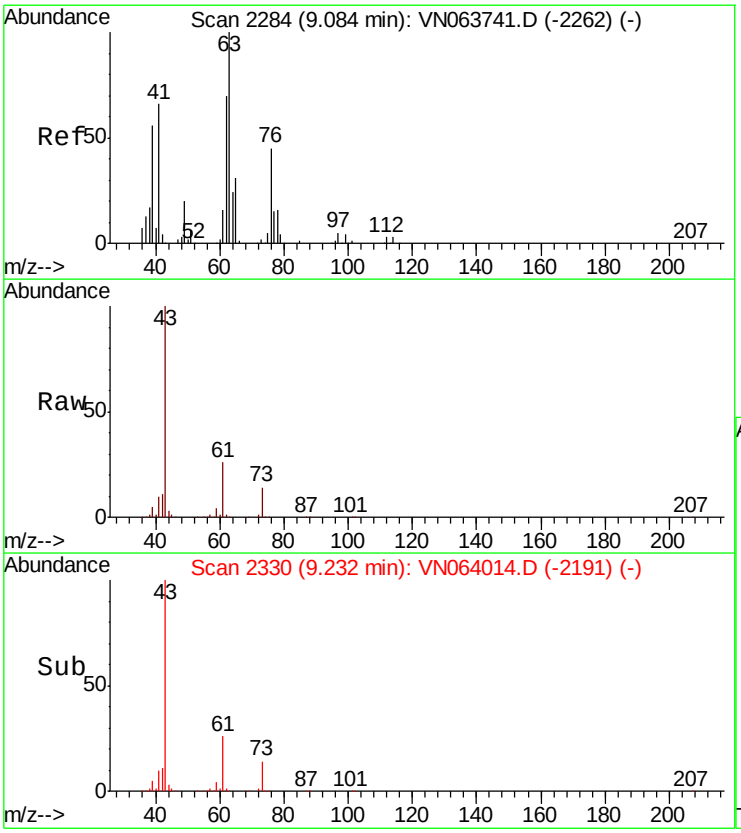
#43
Isopropyl Acetate
Concen: 11.315 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132189ZHE#03

Tgt Ion: 43 Resp: 90289

Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.2	21.4
87	11.0	9.0	13.6

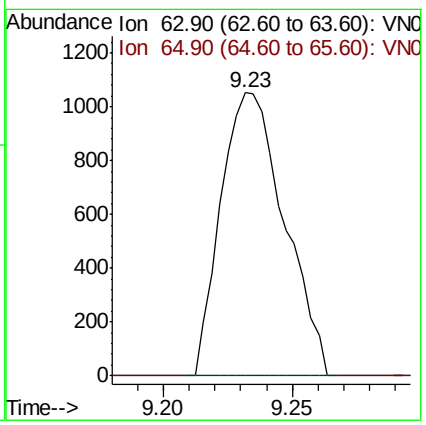


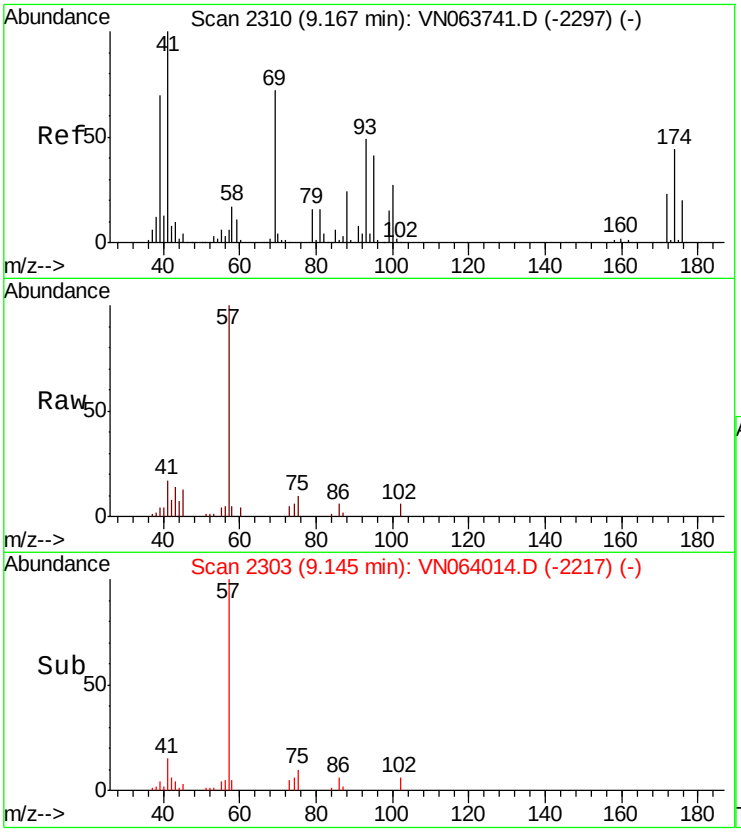


#45
1,2-Dichloropropane
Concen: 0.479 ug/l
RT: 9.23 min Scan# 2330
Delta R.T. 0.15 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 63 Resp: 1800

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.7	37.1#



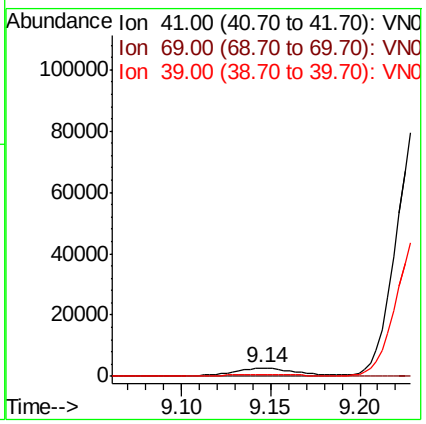


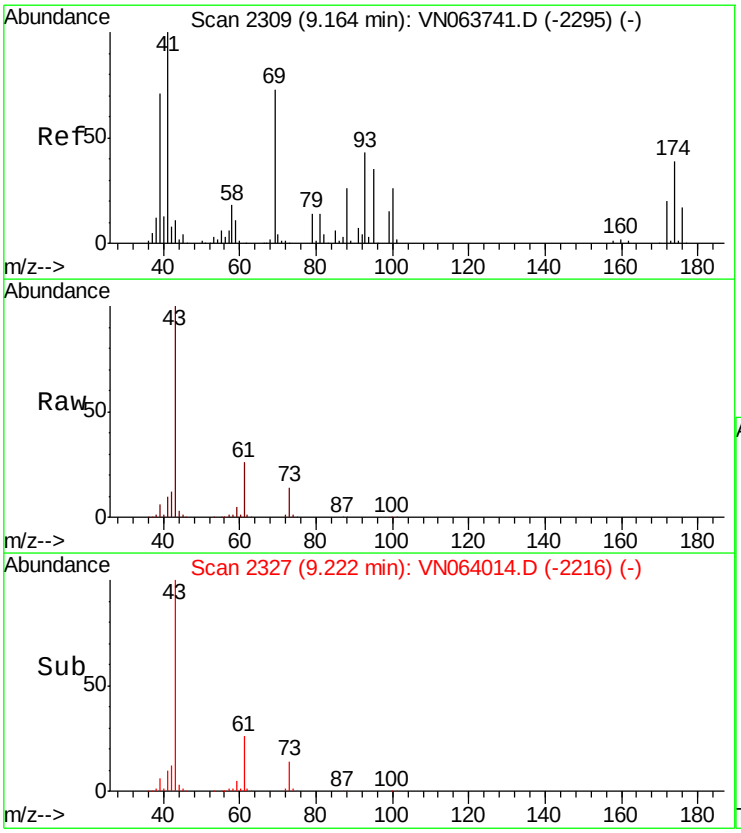
#48
Methyl methacrylate
Concen: 1.691 ug/l
RT: 9.14 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132189ZHE#03

Tgt Ion: 41 Resp: 6667

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

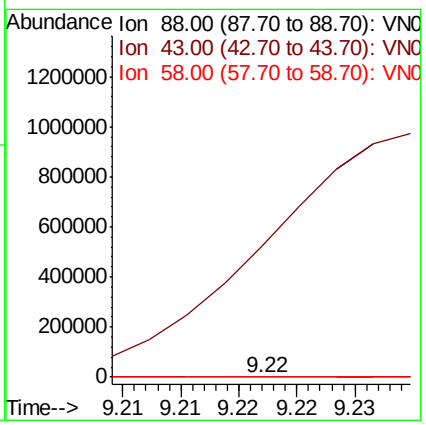


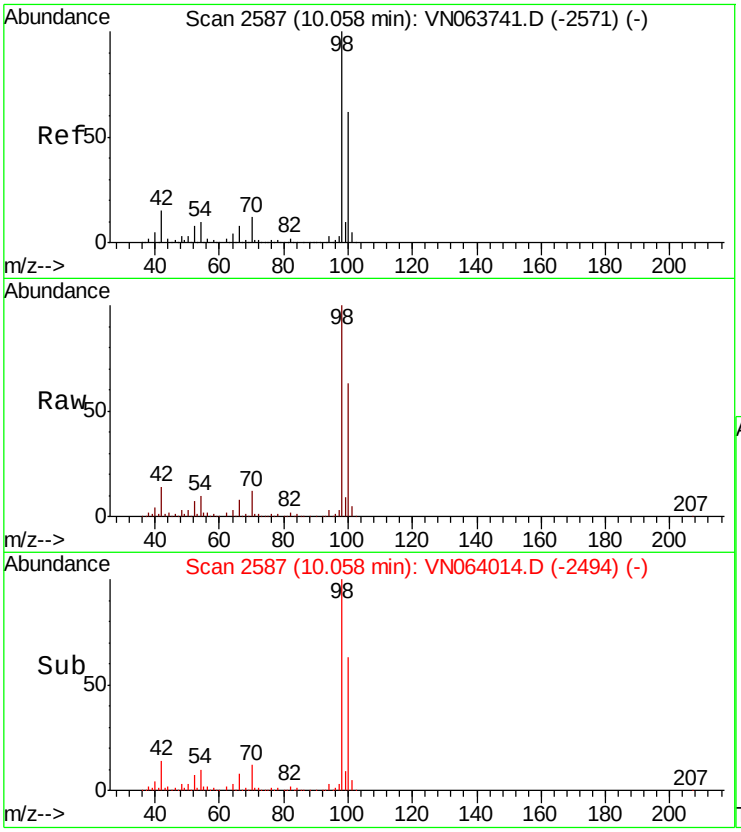


#49
1,4-Dioxane
Concen: 1.214 ug/l
RT: 9.22 min Scan# 2327
Delta R.T. 0.06 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
43	0.0	33.1	49.7#
58	0.0	58.9	88.3#



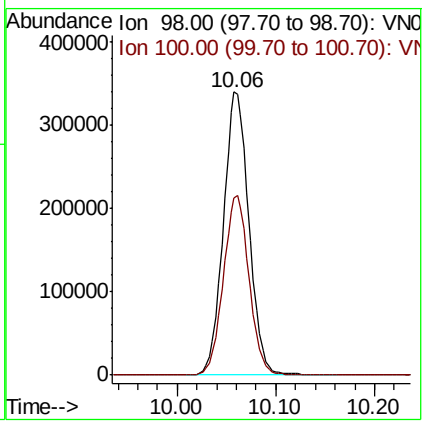


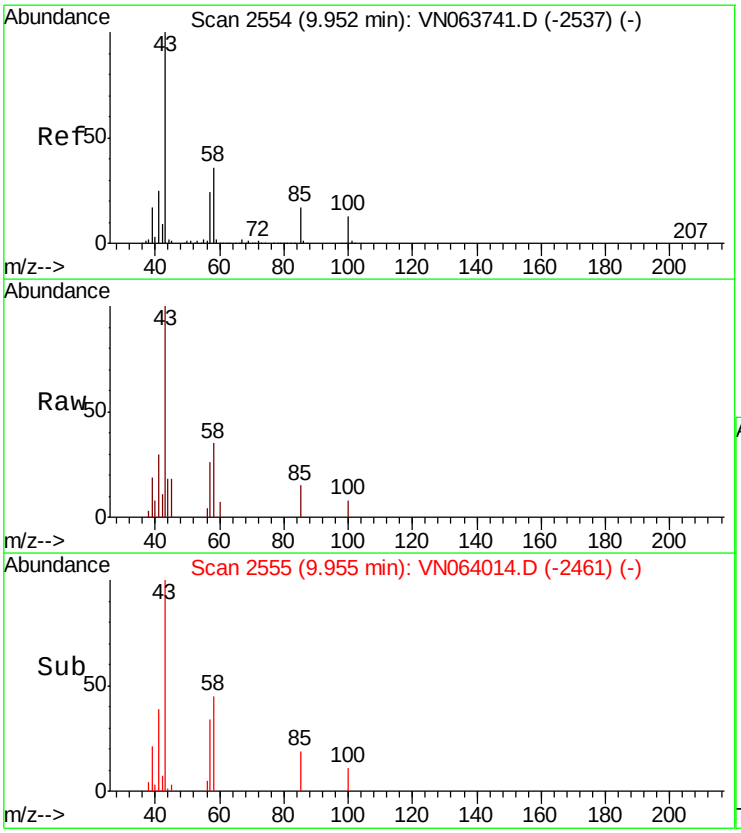
#50
Toluene-d8
Concen: 48.598 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tgt Ion: 98 Resp: 614383

Ion	Ratio	Lower	Upper
98	100		
100	63.8	49.8	74.6

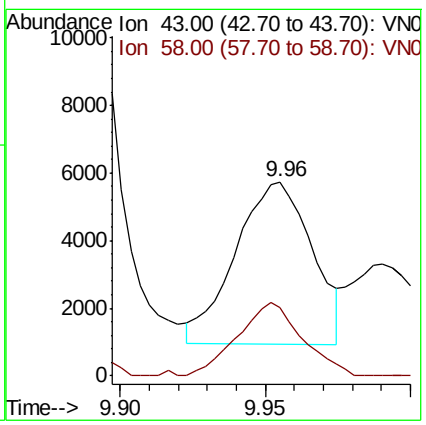


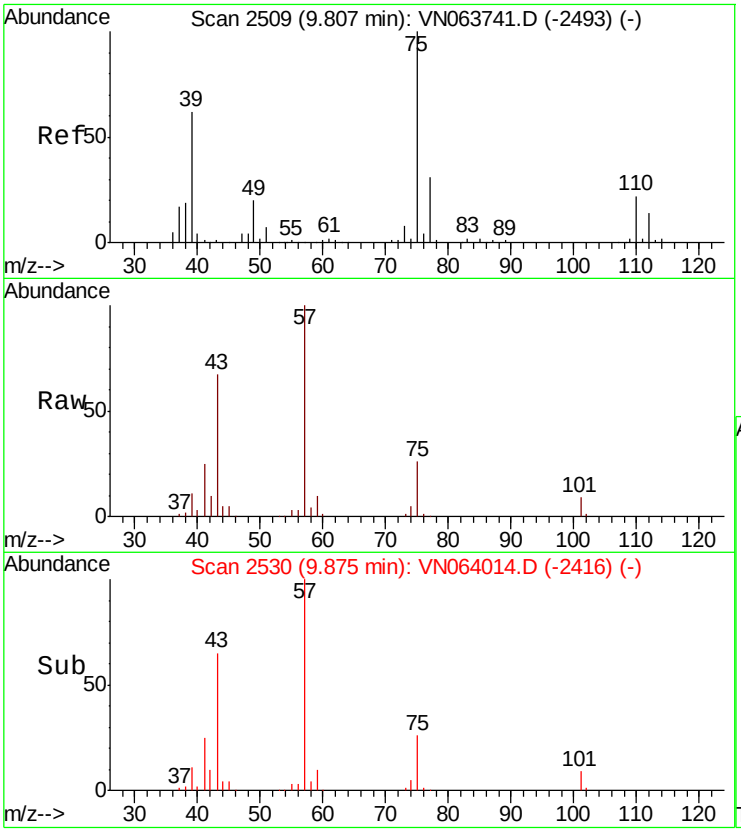


#51
4-Methyl-2-Pentanone
Concen: 1.878 ug/l
RT: 9.96 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 43 Resp: 8792

Ion	Ratio	Lower	Upper
43	100		
58	38.3	28.4	42.6



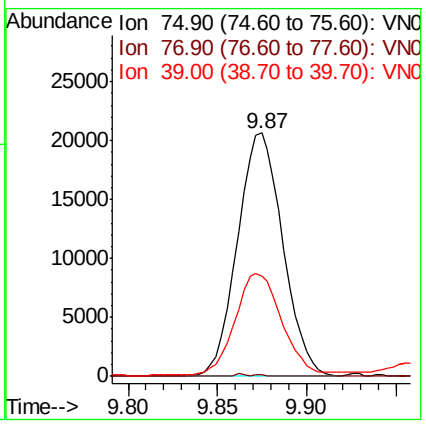


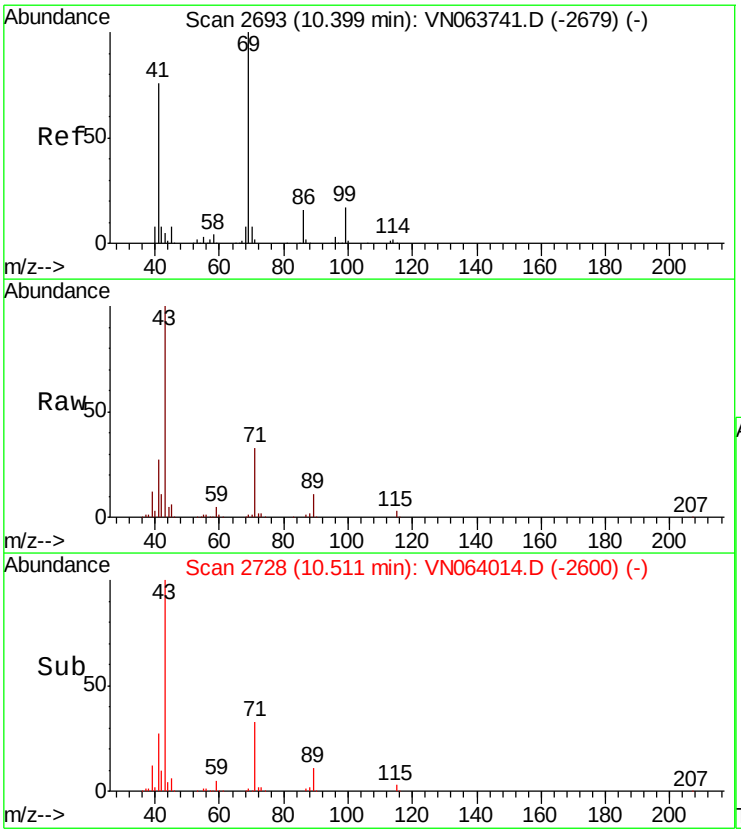
#54
cis-1,3-Dichloropropene
Concen: 6.130 ug/l
RT: 9.87 min Scan# 2530
Delta R.T. 0.07 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tgt Ion: 75 Resp: 36698

Ion	Ratio	Lower	Upper
75	100		
77	0.8	24.6	36.8#
39	40.4	49.7	74.5#

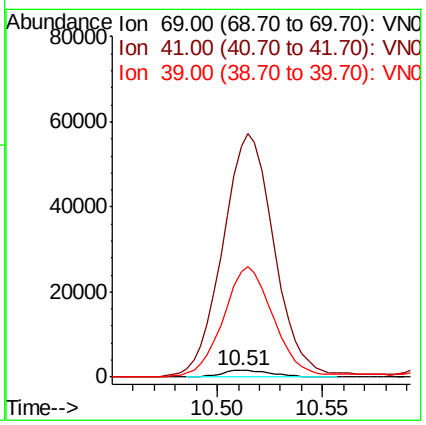


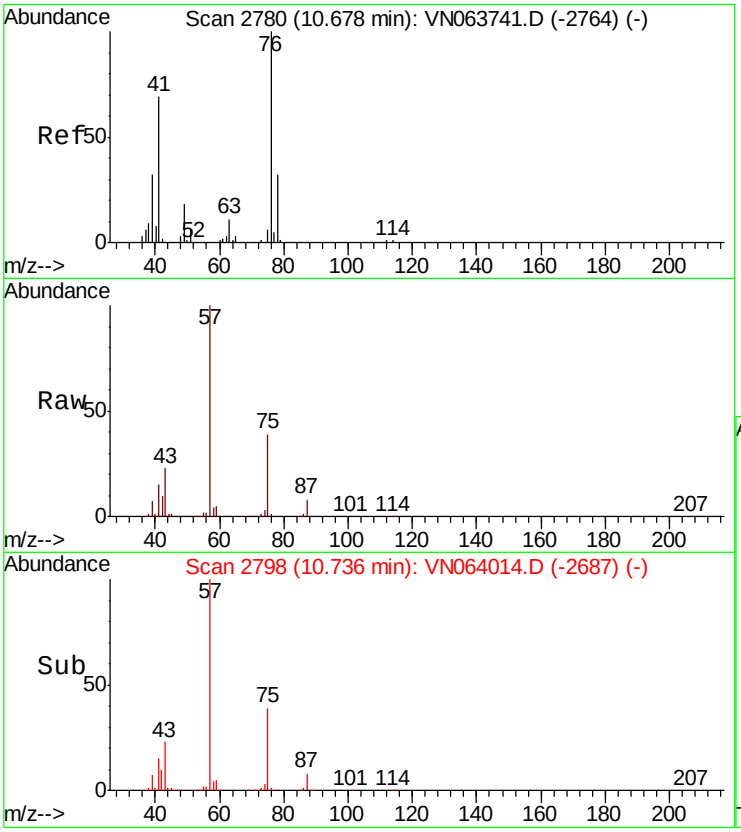


#56
Ethyl methacrylate
Concen: 0.577 ug/l
RT: 10.51 min Scan# 2728
Delta R.T. 0.11 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 69 Resp: 2820

Ion	Ratio	Lower	Upper
69	100		
41	3476.5	61.1	91.7#
39	1547.0	42.2	63.4#



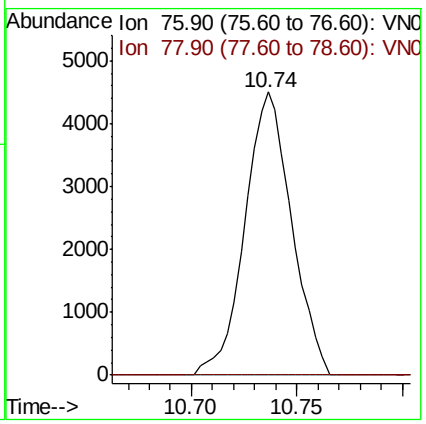


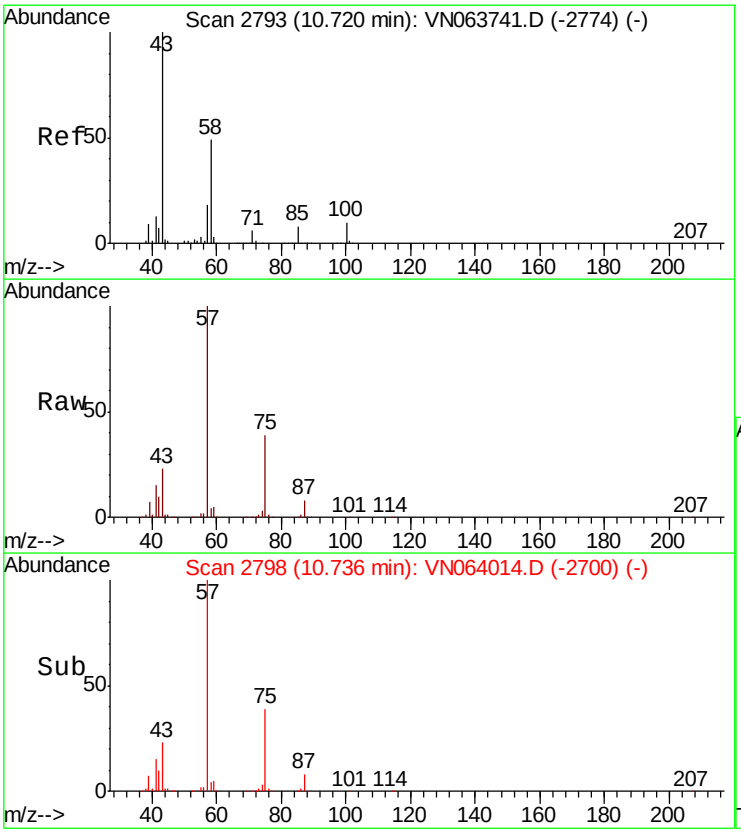
#57
1,3-Dichloropropane
Concen: 1.185 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.06 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tgt Ion: 76 Resp: 6914

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#

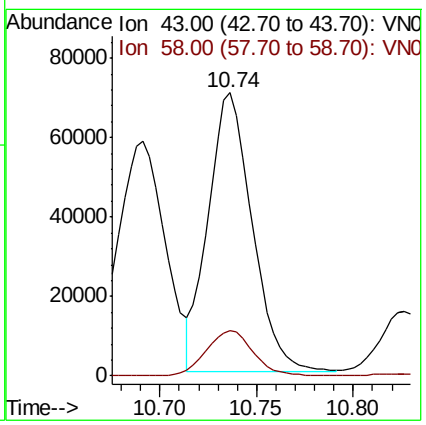


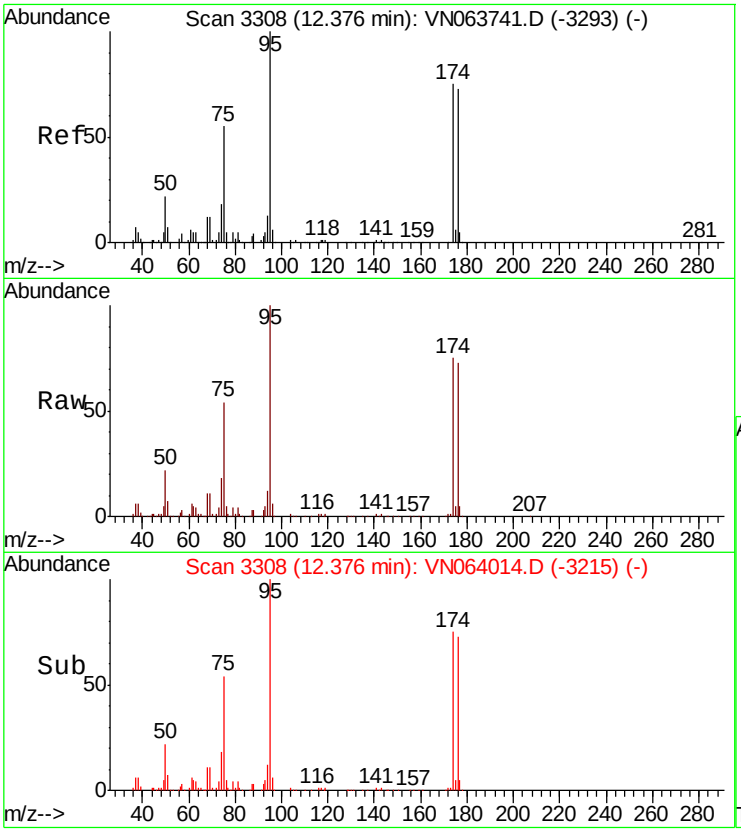


#59
2-Hexanone
Concen: 32.166 ug/l
RT: 10.74 min Scan# 2798
Delta R.T. 0.02 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 43 Resp: 111891

Ion	Ratio	Lower	Upper
43	100		
58	17.1	24.6	73.8#



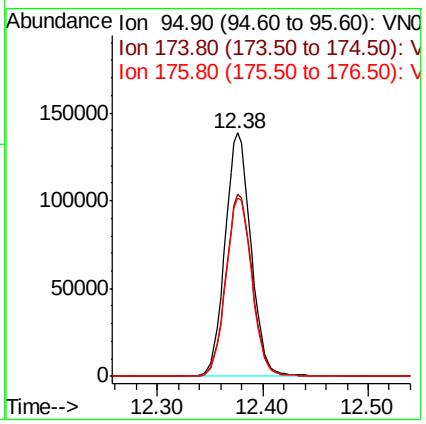


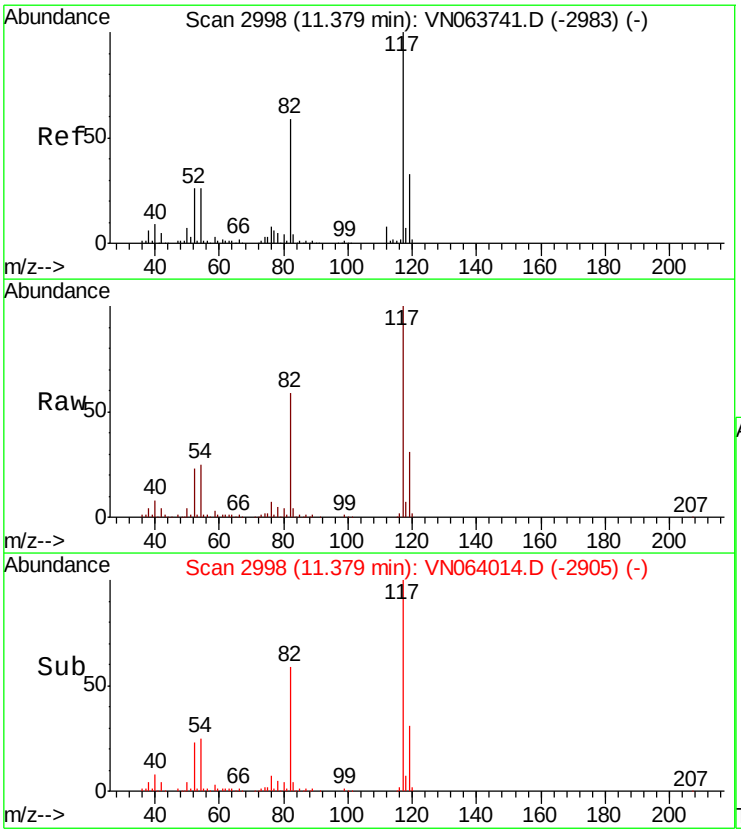
#62
4-Bromofluorobenzene
Concen: 49.315 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tgt Ion: 95 Resp: 234363

Ion	Ratio	Lower	Upper
95	100		
174	75.8	0.0	150.6
176	73.8	0.0	145.4

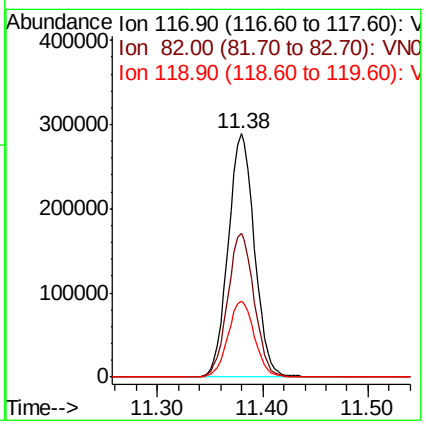


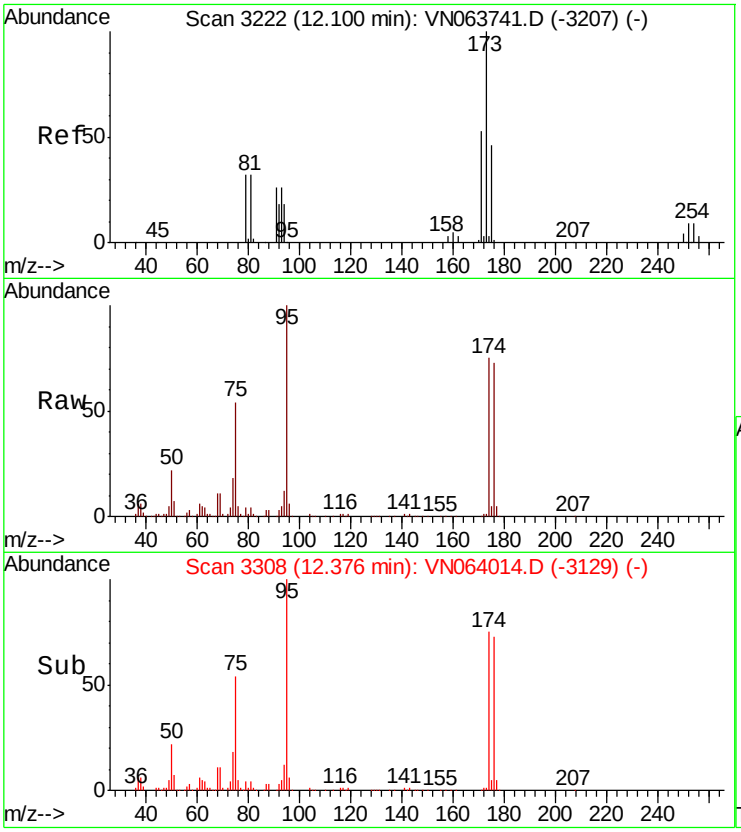


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion:117 Resp: 497709

Ion	Ratio	Lower	Upper
117	100		
82	59.2	47.4	71.2
119	31.2	26.4	39.6



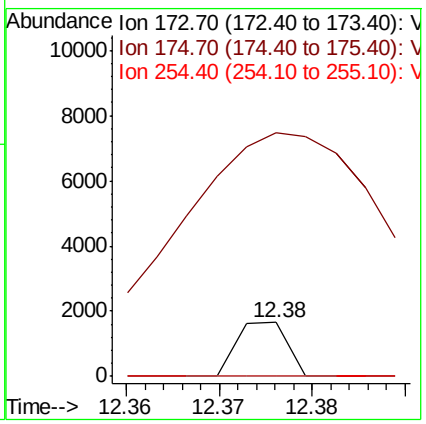


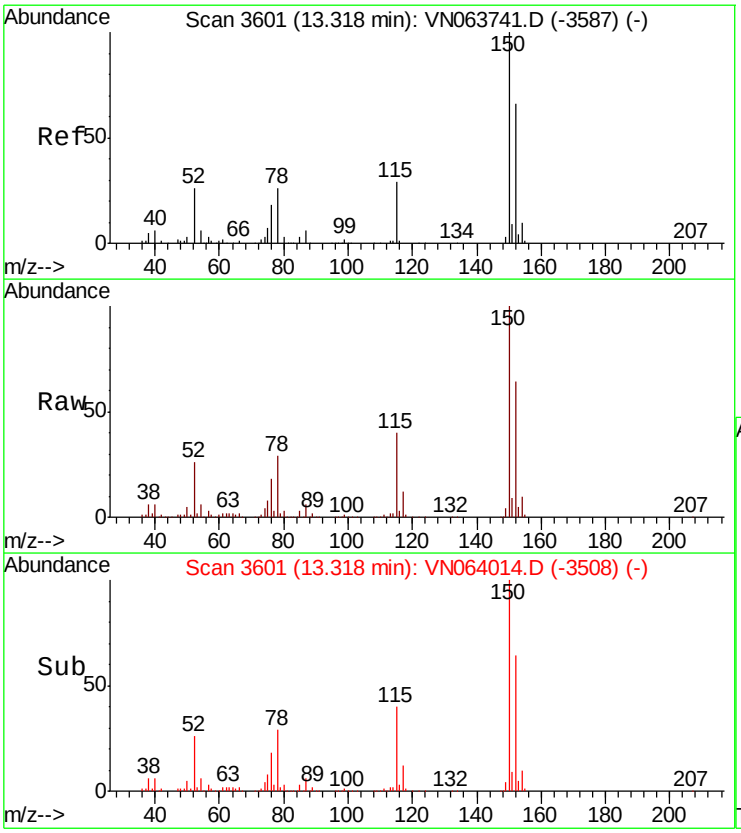
#71
Bromoform
Concen: 0.210 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132189ZHE#03

Tgt Ion:173 Resp: 629

Ion	Ratio	Lower	Upper
173	100		
175	1698.1	23.5	70.5#
254	0.0	0.0	0.0

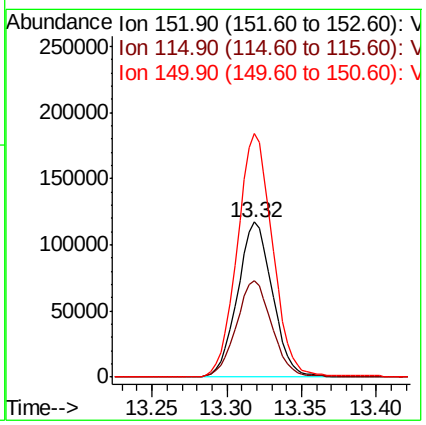


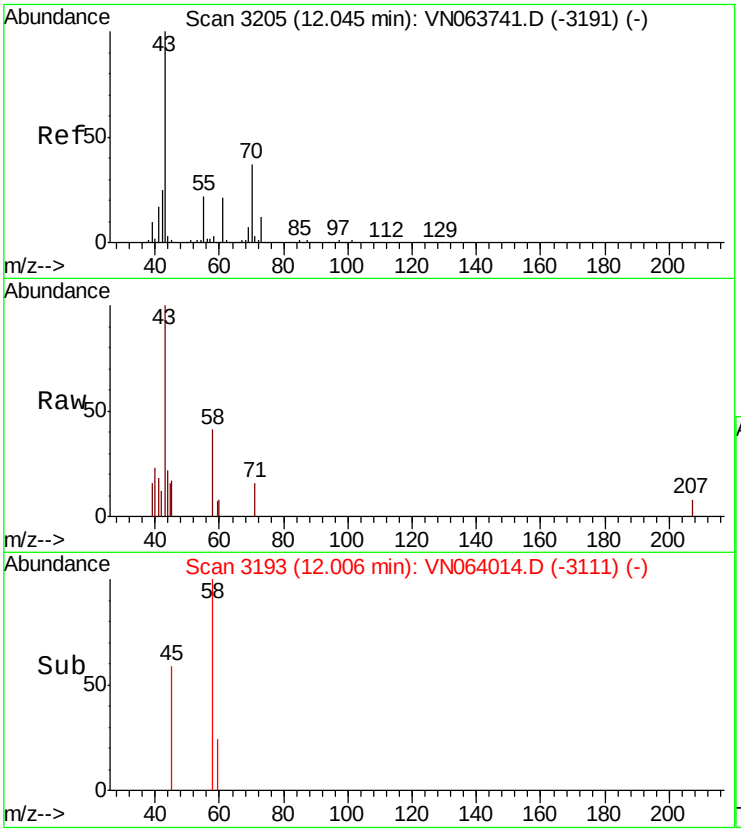


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion:152 Resp: 191122

Ion	Ratio	Lower	Upper
152	100		
115	63.3	31.3	93.8
150	158.3	0.0	341.8



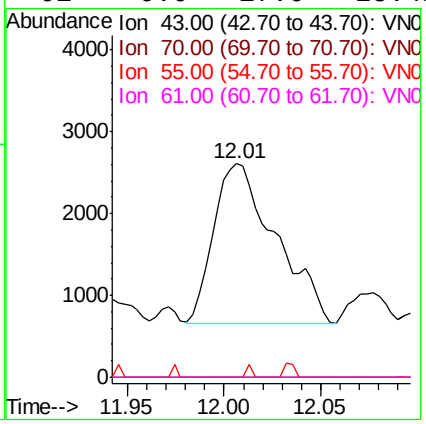


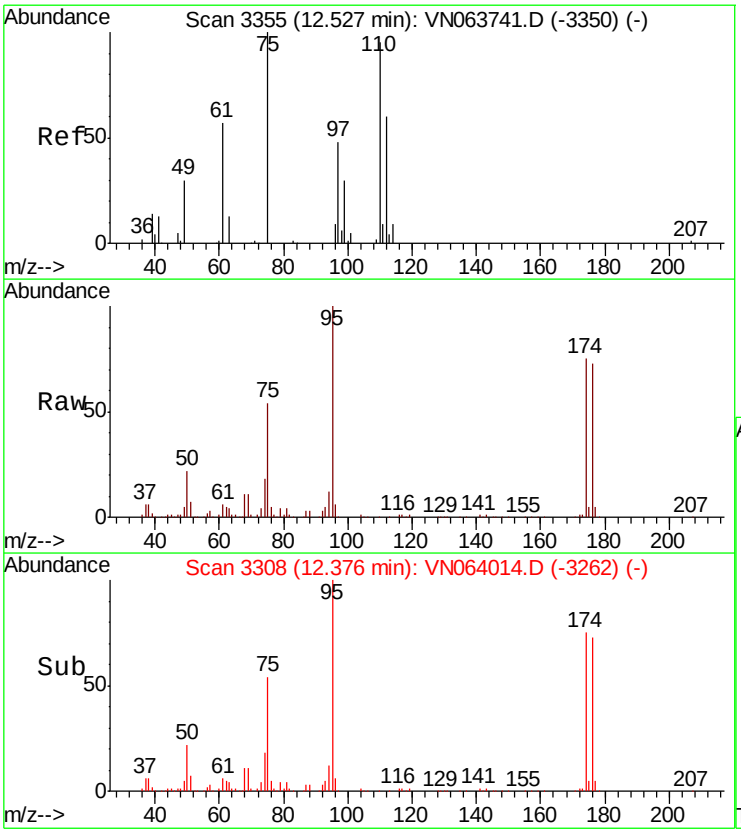
#74
N-amyl acetate
Concen: 2.855 ug/l
RT: 12.01 min Scan# 3193
Delta R.T. -0.04 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument : MSVOA_N
ClientSampleId : PB132189ZHE#03

Tgt Ion: 43 Resp: 4332

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

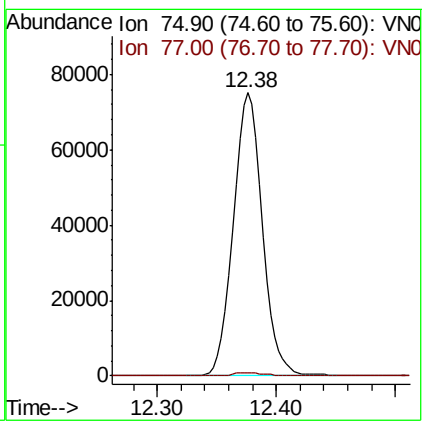


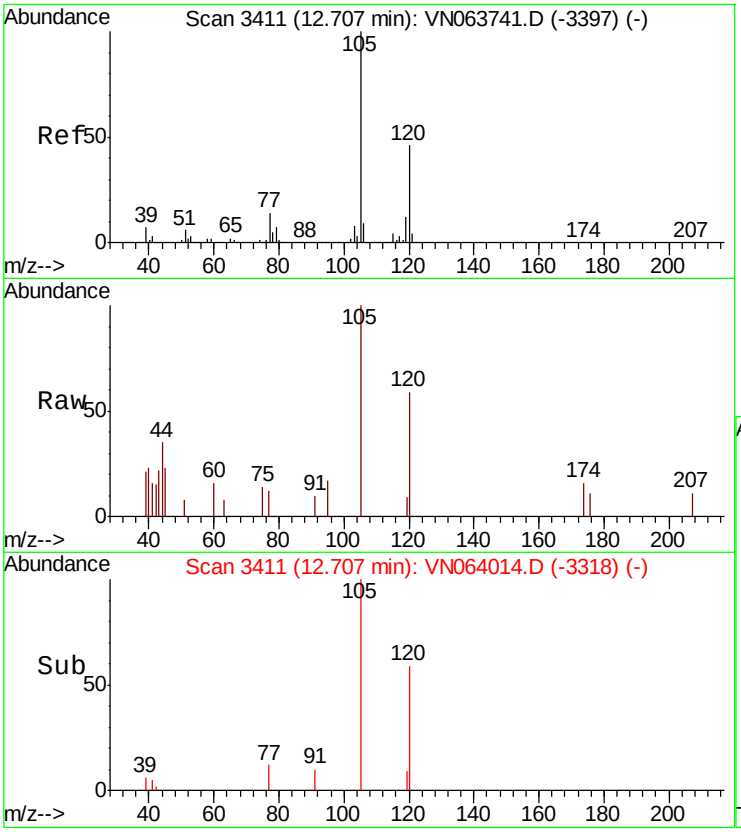


#76
1,2,3-Trichloropropane
Concen: 30.163 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 75 Resp: 127081

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



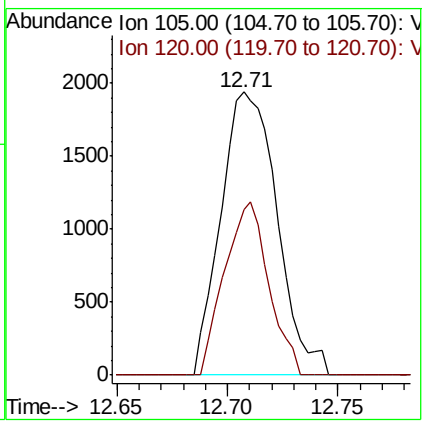


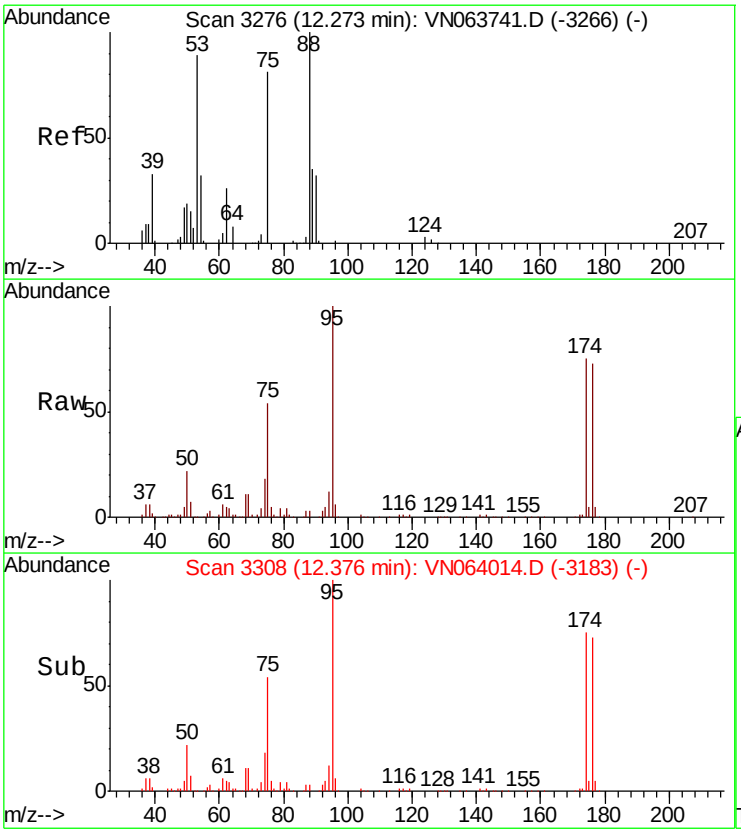
#80
1,3,5-Trimethylbenzene
Concen: 0.294 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tgt Ion:105 Resp: 3442

Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.3	69.9

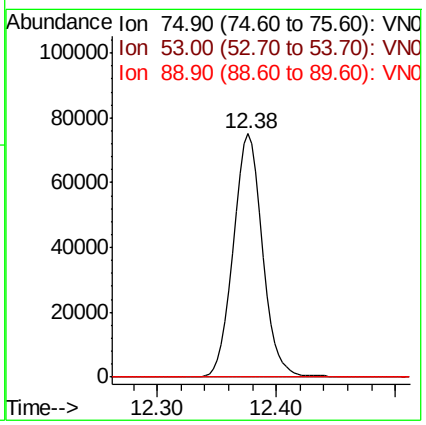


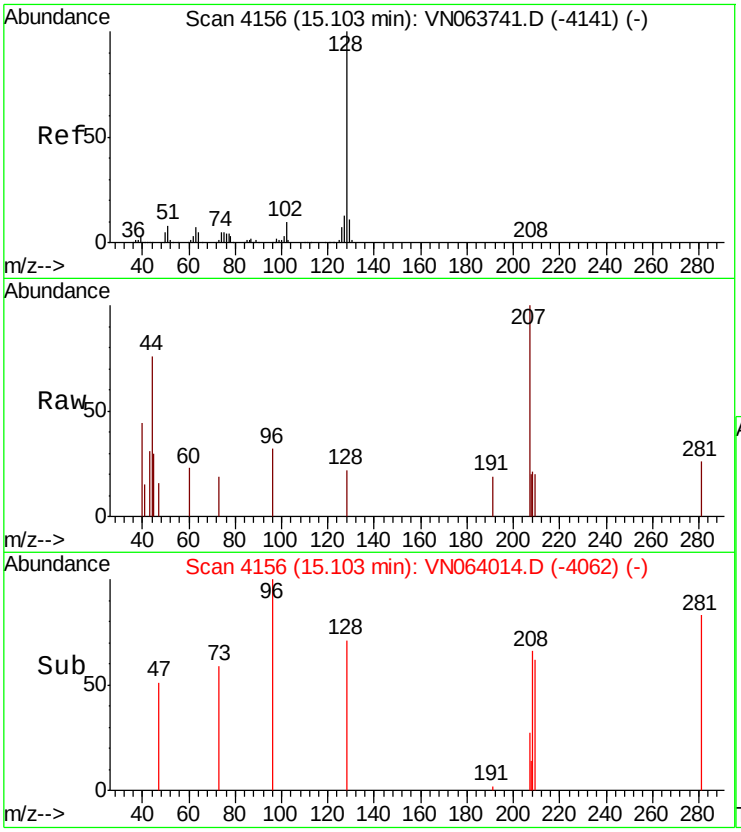


#81
trans-1,4-Dichloro-2-butene
Concen: 86.875 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Tgt Ion: 75 Resp: 127081

Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.2	132.2#
89	0.0	36.0	54.0#





#95
Naphthalene
Concen: 1.939 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064014.D
Acq: 9 Oct 2020 2:29

Instrument :
MSVOA_N
ClientSampleId :
PB132189ZHE#03

Tgt Ion:128 Resp: 152

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.7	13.1#