Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102120\
Data File : VN064232.D
Acq On : 21 Oct 2020 19:31
Operator : JC/MD
Sample : L4434-06 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 16804

Quant Time: Oct 22 01:50:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	259421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	461769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	460148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	202198	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.96%			
35) Dibromofluoromethane	7.55	113	153418	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.94%			
50) Toluene-d8	10.06	98	577587	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.72%			
62) 4-Bromofluorobenzene	12.38	95	256868	56.90	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.80%			
Target Compounds						Qvalue
3) Chloromethane	2.05	50	658	0.219	ug/l #	43
13) Acrolein	3.58	56	779	2.406	ug/l #	53
14) Allyl chloride	4.01	41	16312	3.352	ug/l #	56
16) Acetone	3.78	43	671093	608.799	ug/l	98
18) Methyl Acetate	4.02	43	45417	16.169	ug/l #	53
22) Diisopropyl ether	5.98	45	91606	10.126	ug/l #	1
23) Vinyl Acetate	5.98	43	238606	29.576	ug/l #	75
25) 2-Butanone	6.79	43	2877	1.643	ug/l	94
29) Tetrahydrofuran	7.18	42	300	0.286	ug/l #	38
31) Cyclohexane	7.62	56	6419	1.406	ug/l #	47
36) 1,1-Dichloropropene	7.62	75	23452	5.094	ug/l #	50
38) Carbon Tetrachloride	7.63	117	29281	5.590	ug/l #	17
43) Isopropyl Acetate	8.22	43	20149	2.587	ug/l #	58
68) m/p-Xylenes	11.59	106	1481	0.228	ug/l #	31
76) 1,2,3-Trichloropropane	12.38	75	139842	30.988	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	139842	78.236	ug/l #	9
95) Naphthalene	15.10	128	3380	0.299	ug/l #	81

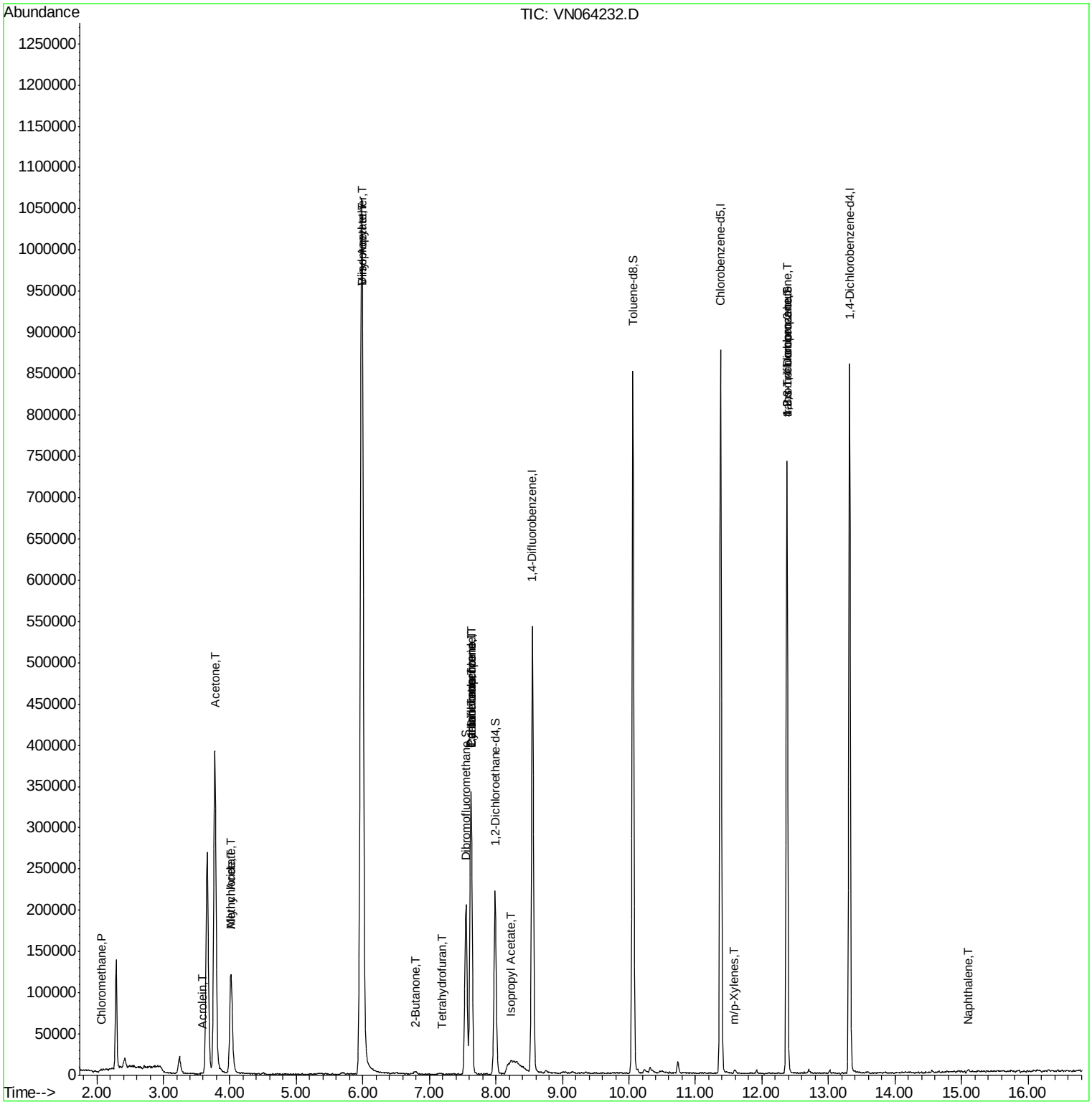
(#) = qualifier out of range (m) = manual integration (+) = signals summed

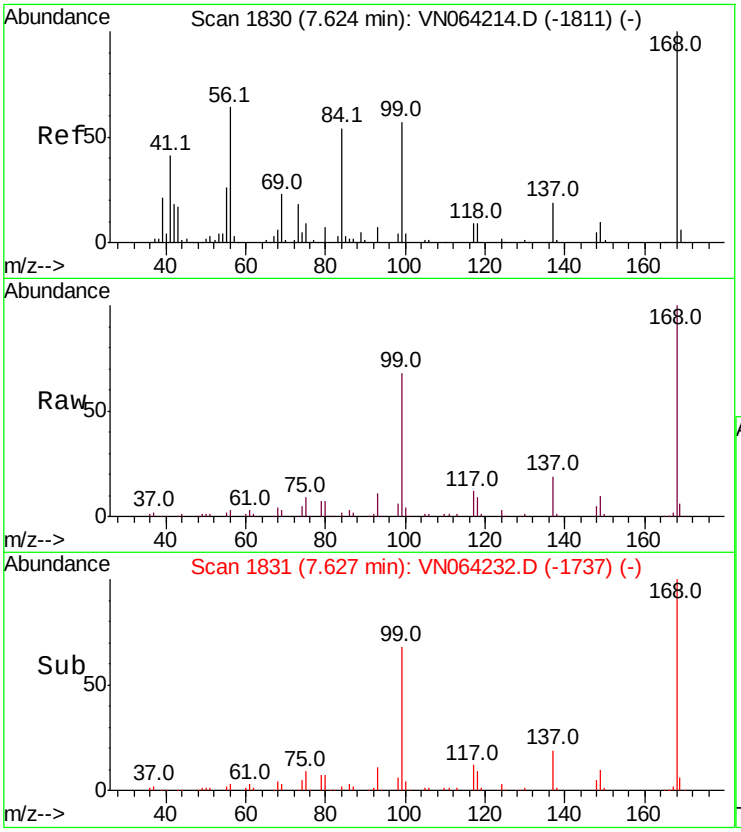
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102120\
Data File : VN064232.D
Acq On : 21 Oct 2020 19:31
Operator : JC/MD
Sample : L4434-06 20X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 16804

Quant Time: Oct 22 01:50:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration



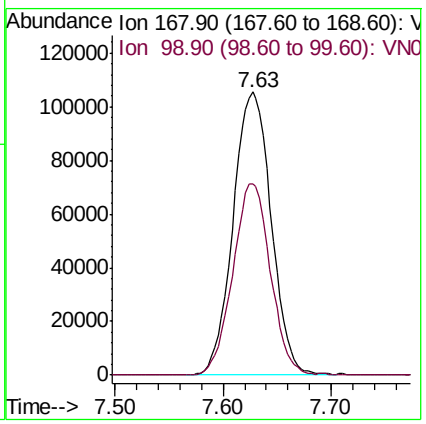


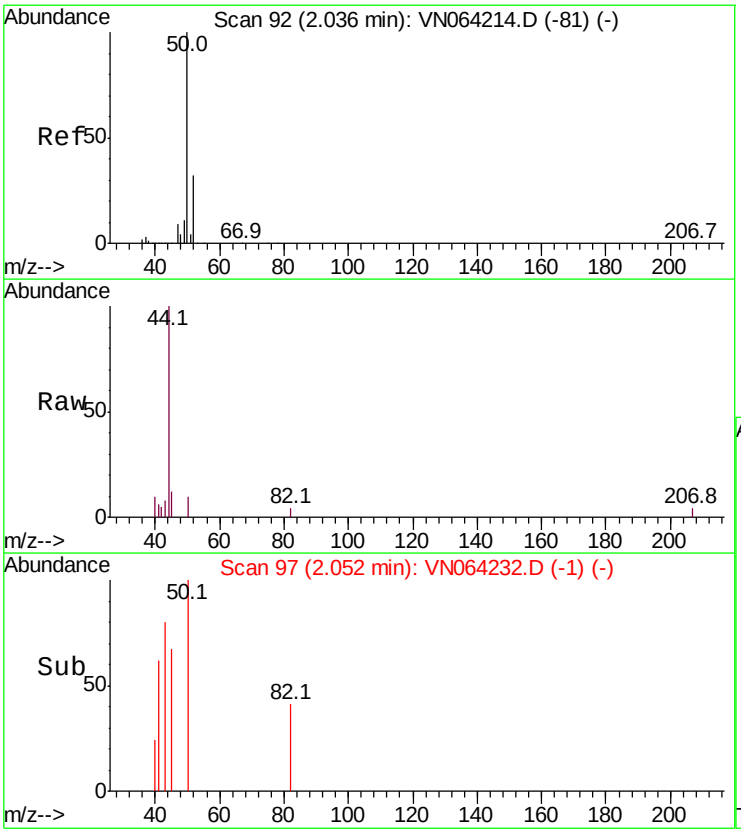
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
16804

Tgt Ion:168 Resp: 259421

Ion	Ratio	Lower	Upper
168	100		
99	67.7	54.0	81.0

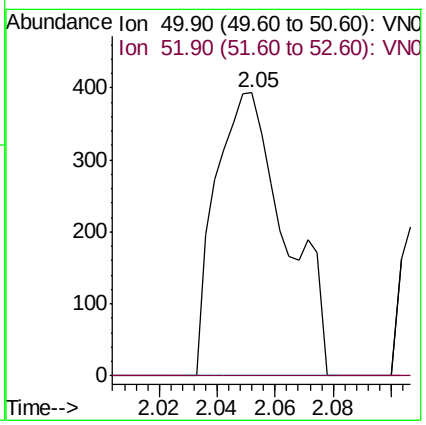


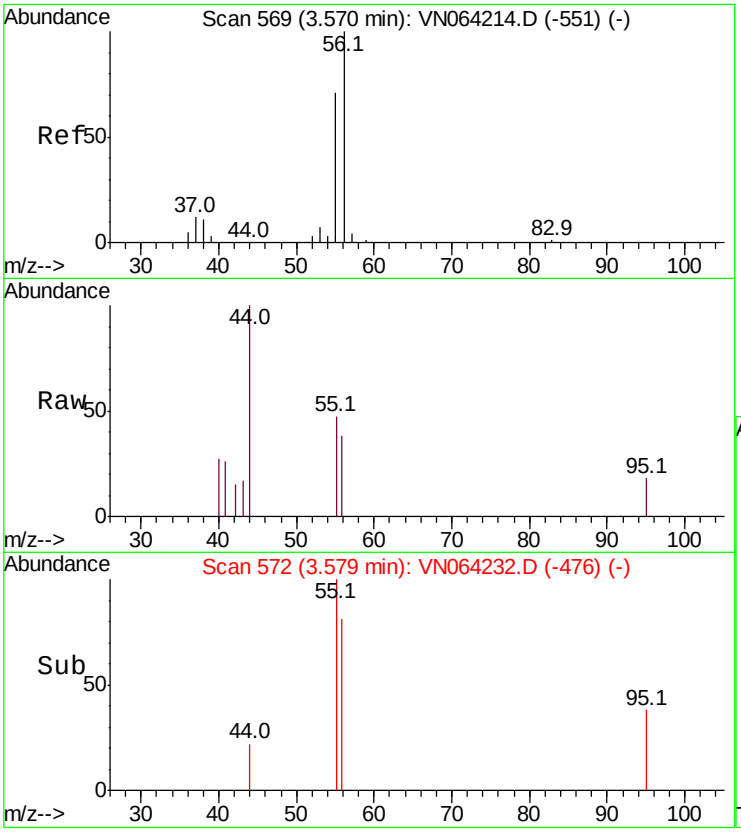


#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.05 min Scan# 97
Delta R.T. 0.02 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion: 50 Resp: 658

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.3	37.9#



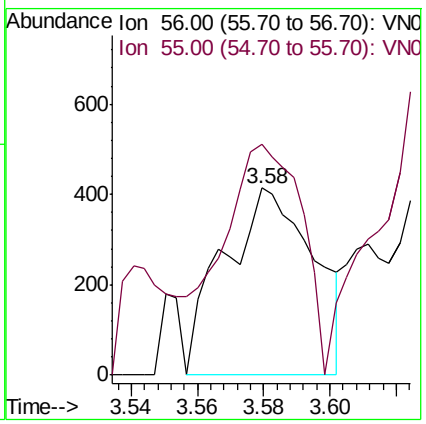


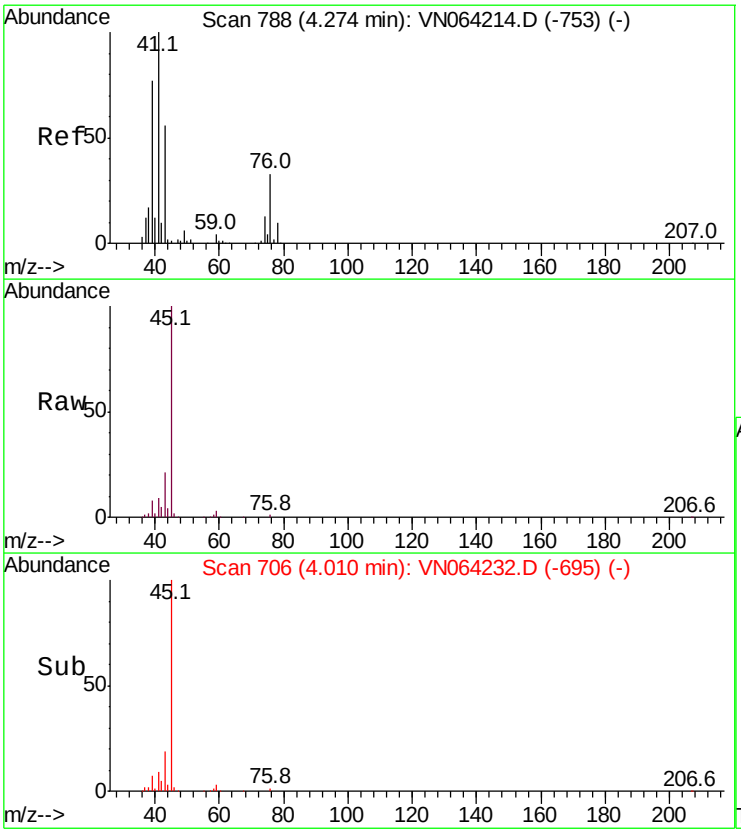
#13
Acrolein
Concen: 2.406 ug/l
RT: 3.58 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
16804

Tgt Ion: 56 Resp: 779

Ion	Ratio	Lower	Upper
56	100		
55	108.6	56.1	84.1#

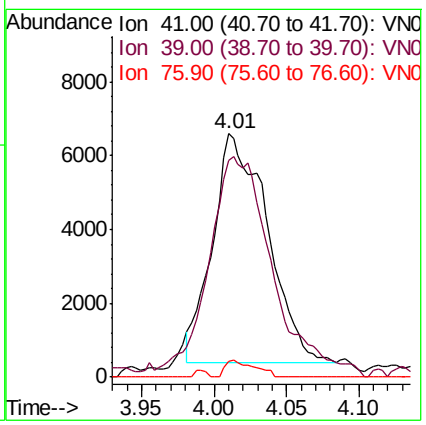


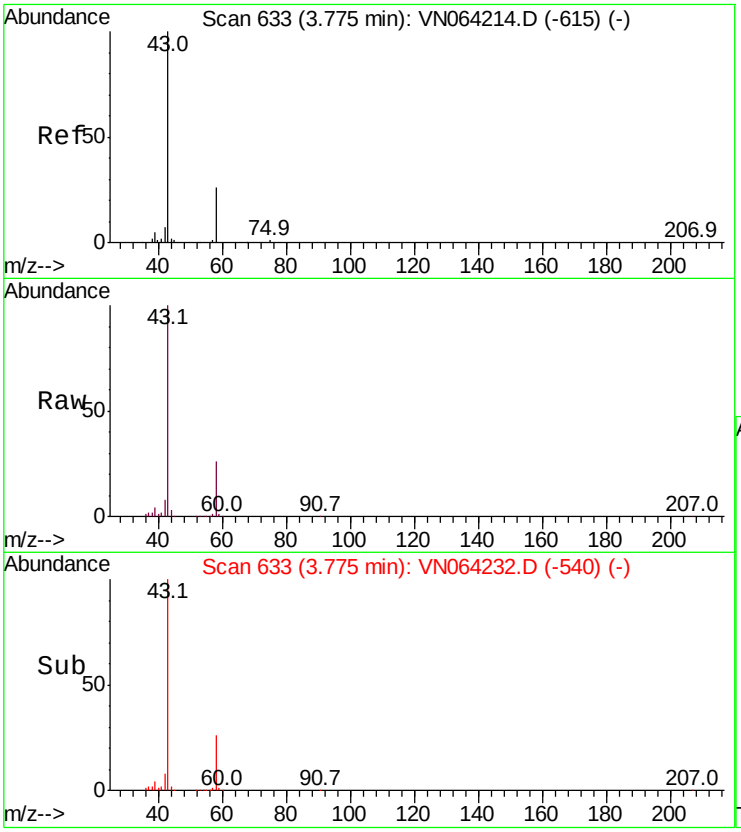


#14
Allyl chloride
Concen: 3.352 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.26 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion: 41 Resp: 16312

Ion	Ratio	Lower	Upper
41	100		
39	108.5	58.6	88.0#
76	3.9	24.5	36.7#



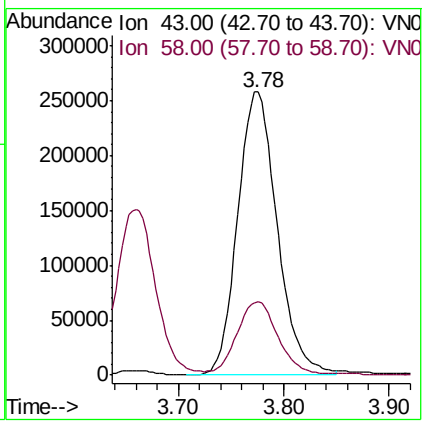


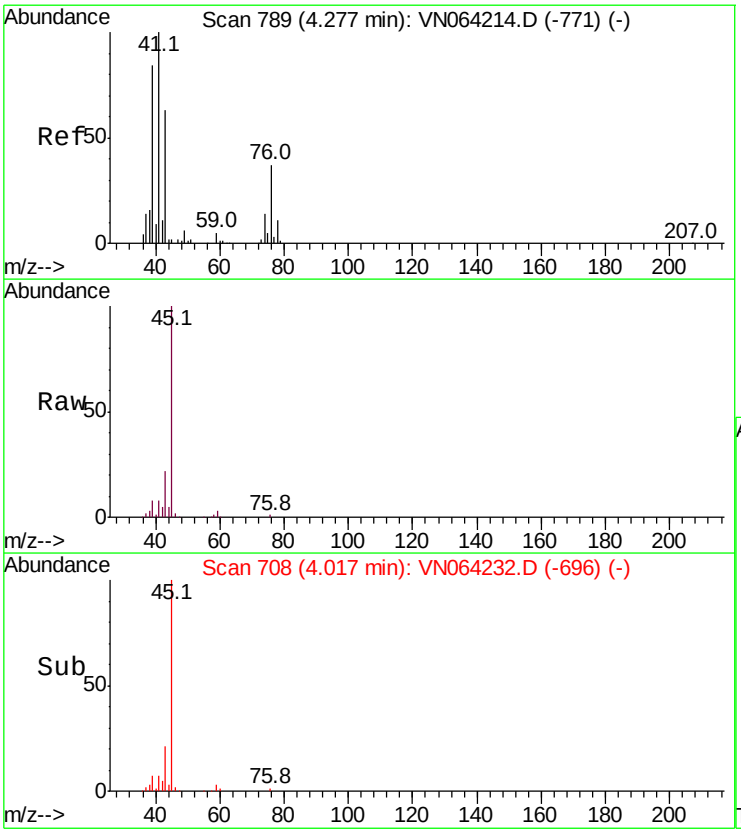
#16
Acetone
Concen: 608.799 ug/l
RT: 3.78 min Scan# 633
Delta R.T. 0.00 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
16804

Tgt Ion: 43 Resp: 671093

Ion	Ratio	Lower	Upper
43	100		
58	25.3	21.0	31.4

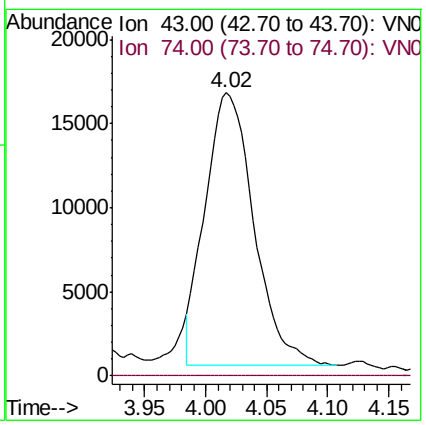


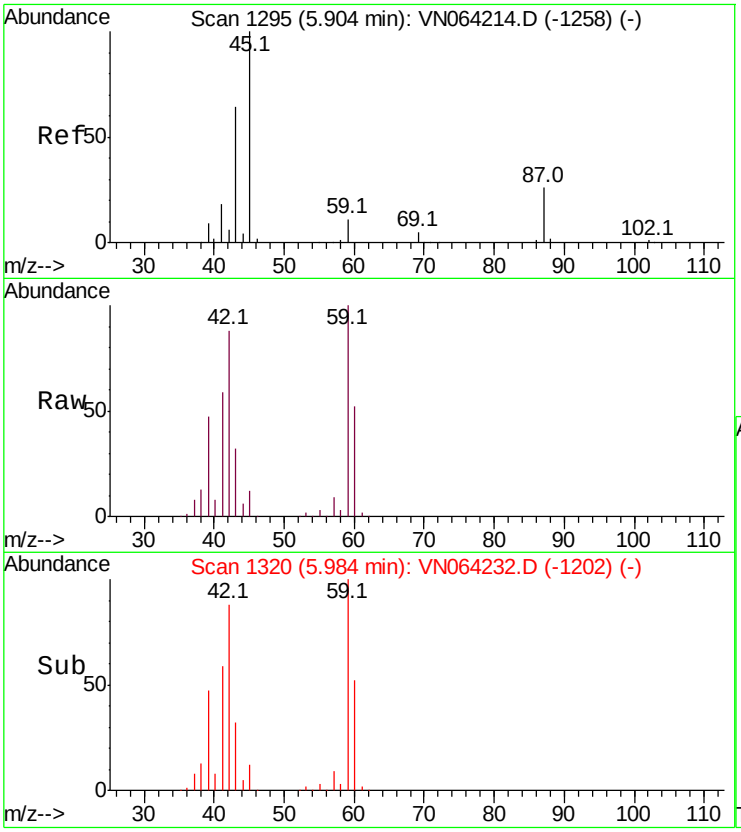


#18
Methyl Acetate
Concen: 16.169 ug/l
RT: 4.02 min Scan# 708
Delta R.T. -0.26 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion: 43 Resp: 45417

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.9	26.9#



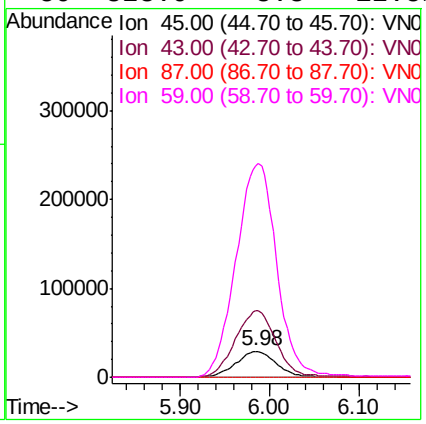


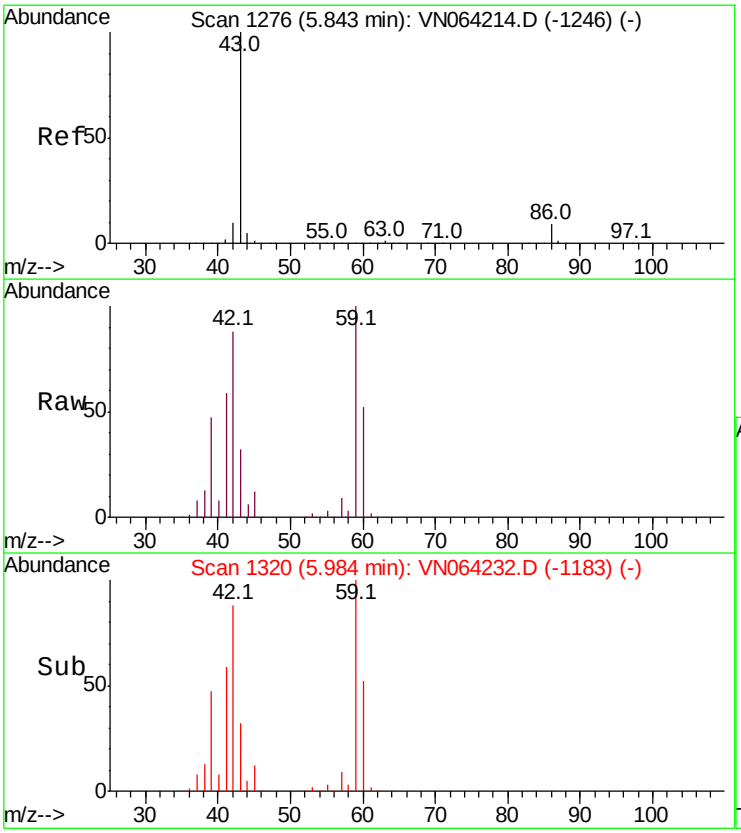
#22
Diisopropyl ether
Concen: 10.126 ug/l
RT: 5.98 min Scan# 1320
Delta R.T. 0.08 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
16804

Tgt Ion: 45 Resp: 91606

Ion	Ratio	Lower	Upper
45	100		
43	259.1	52.2	78.4#
87	0.0	21.4	32.0#
59	823.9	8.3	12.5#

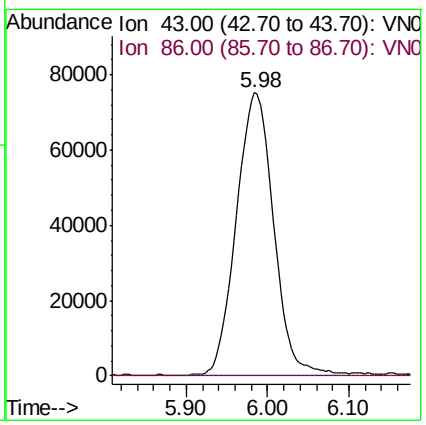


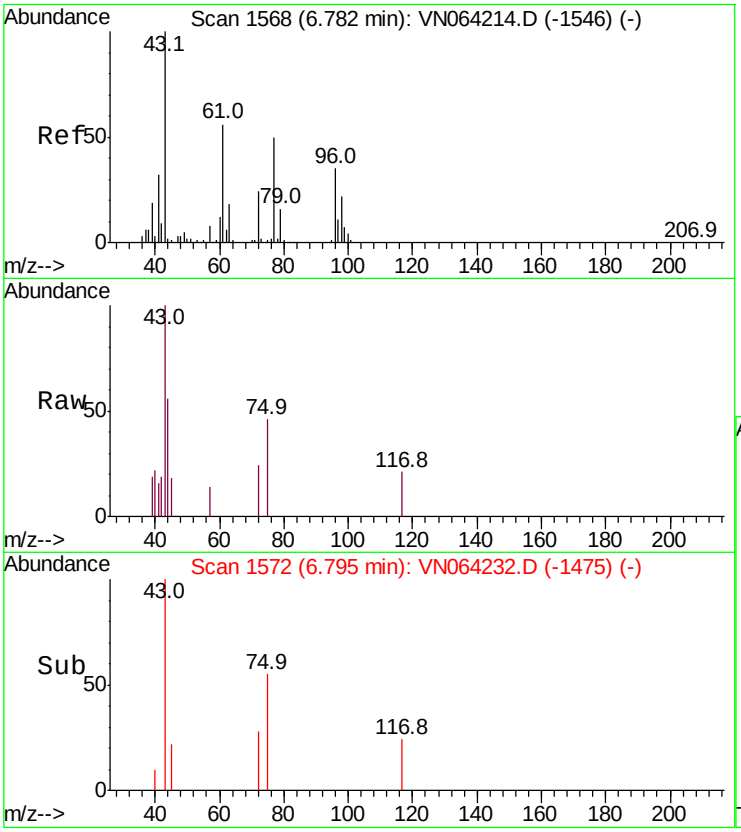


#23
Vinyl Acetate
Concen: 29.576 ug/l
RT: 5.98 min Scan# 1320
Delta R.T. 0.14 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion: 43 Resp: 238606

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.4	11.0#



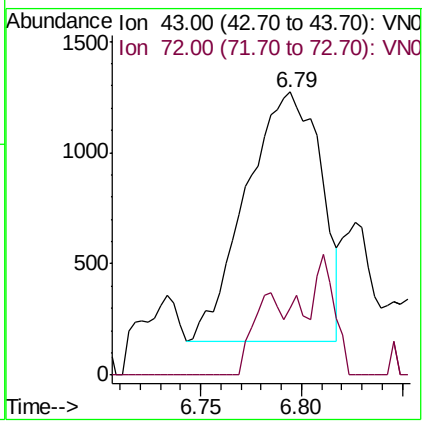


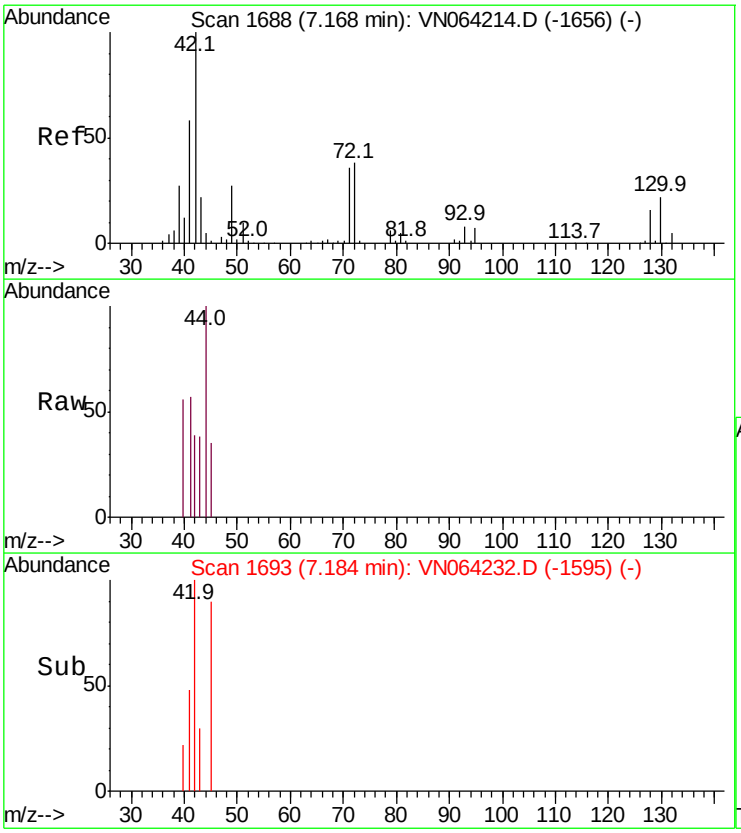
#25
2-Butanone
Concen: 1.643 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
16804

Tgt Ion: 43 Resp: 2877

Ion	Ratio	Lower	Upper
43	100		
72	26.9	19.4	29.0

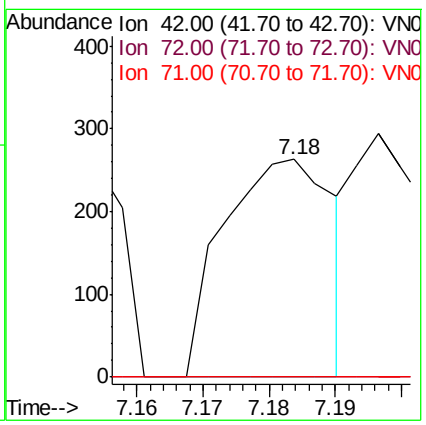


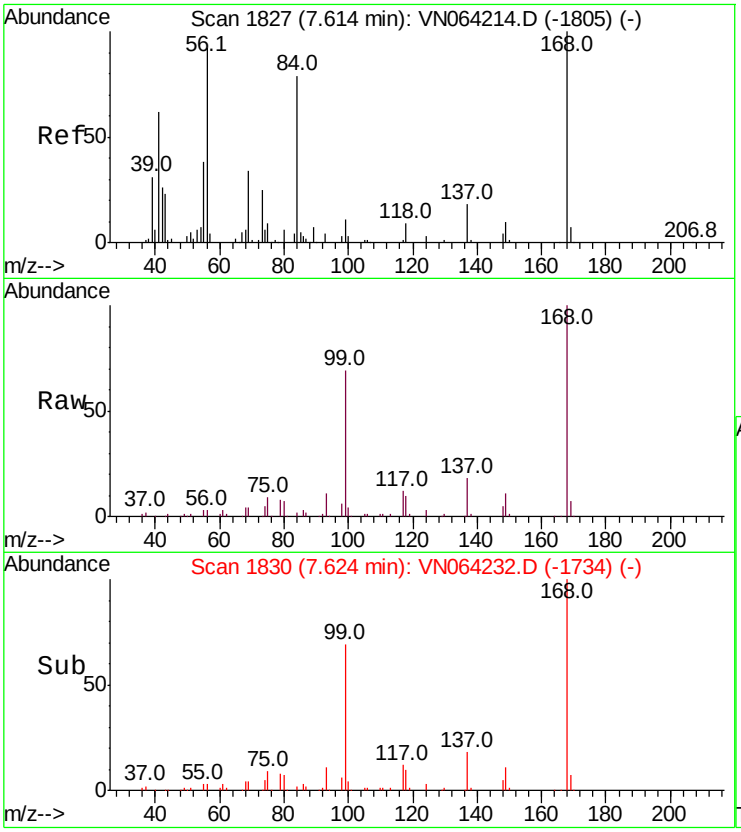


#29
Tetrahydrofuran
Concen: 0.286 ug/l
RT: 7.18 min Scan# 1693
Delta R.T. 0.02 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion: 42 Resp: 300

Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.8	46.2#
71	0.0	29.0	43.6#



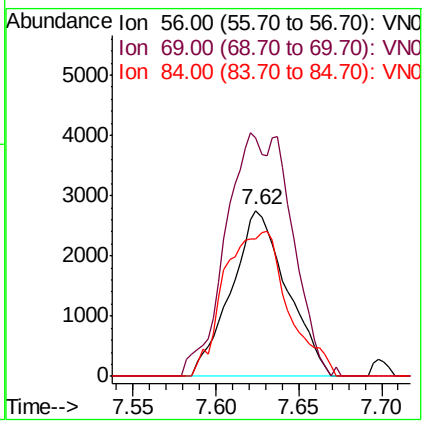


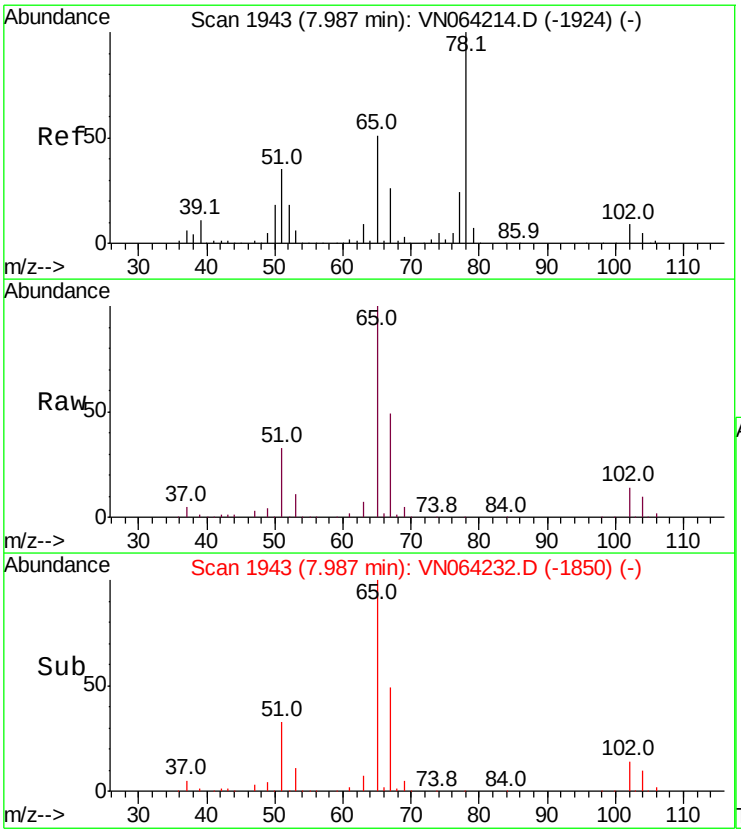
#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument : MSVOA_N
ClientSampleId : 16804

Tgt Ion: 56 Resp: 6419

Ion	Ratio	Lower	Upper
56	100		
69	137.5	29.8	44.6#
84	82.9	68.1	102.1

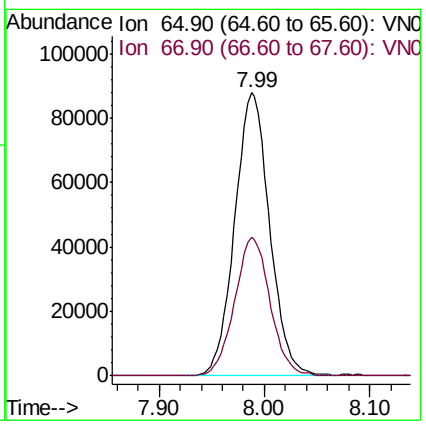


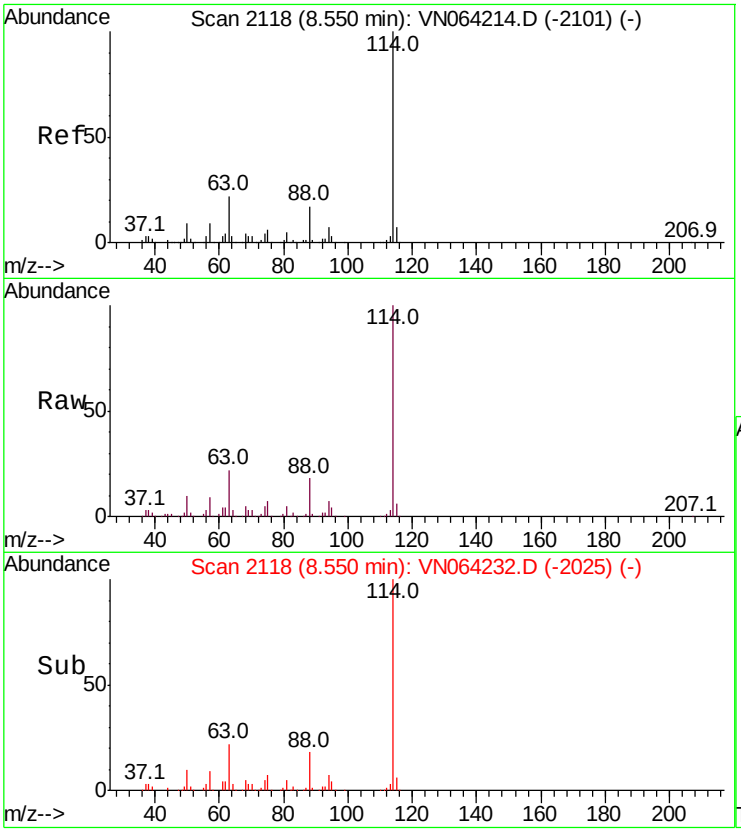


#33
1,2-Dichloroethane-d4
Concen: 52.484 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion: 65 Resp: 202198

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	100.2



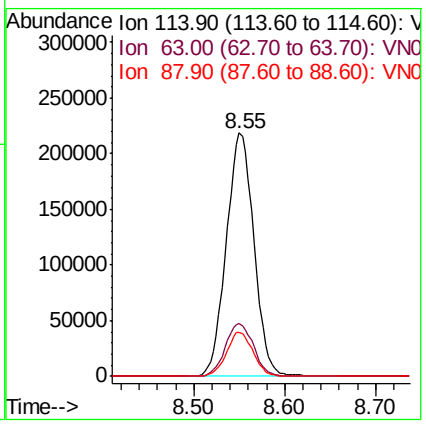


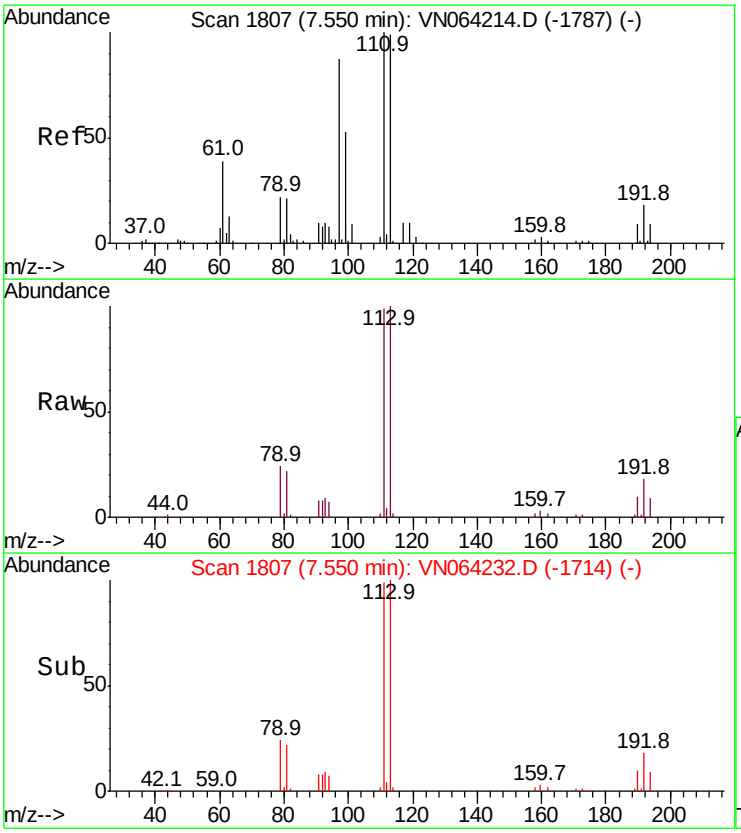
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
16804

Tgt Ion:114 Resp: 461769

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.0
88	18.1	0.0	34.2

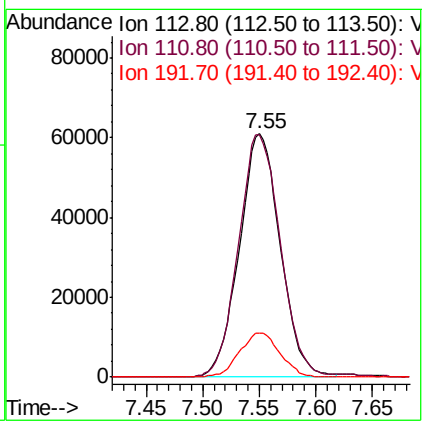


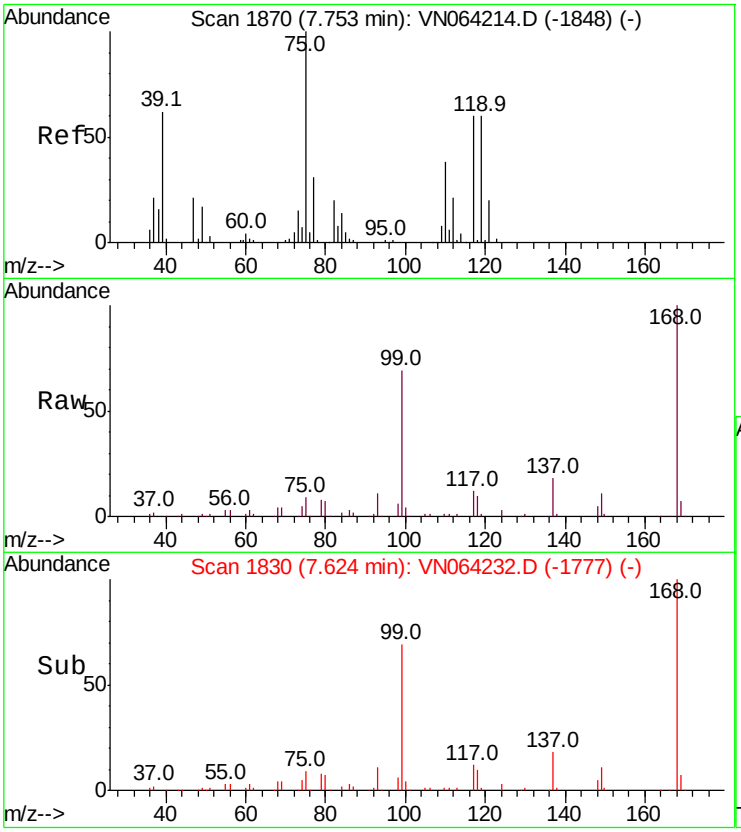


#35
Dibromofluoromethane
Concen: 49.972 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion:113 Resp: 153418

Ion	Ratio	Lower	Upper
113	100		
111	102.0	84.2	126.2
192	17.9	15.2	22.8



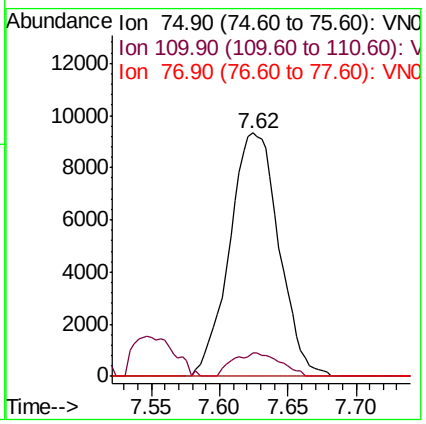


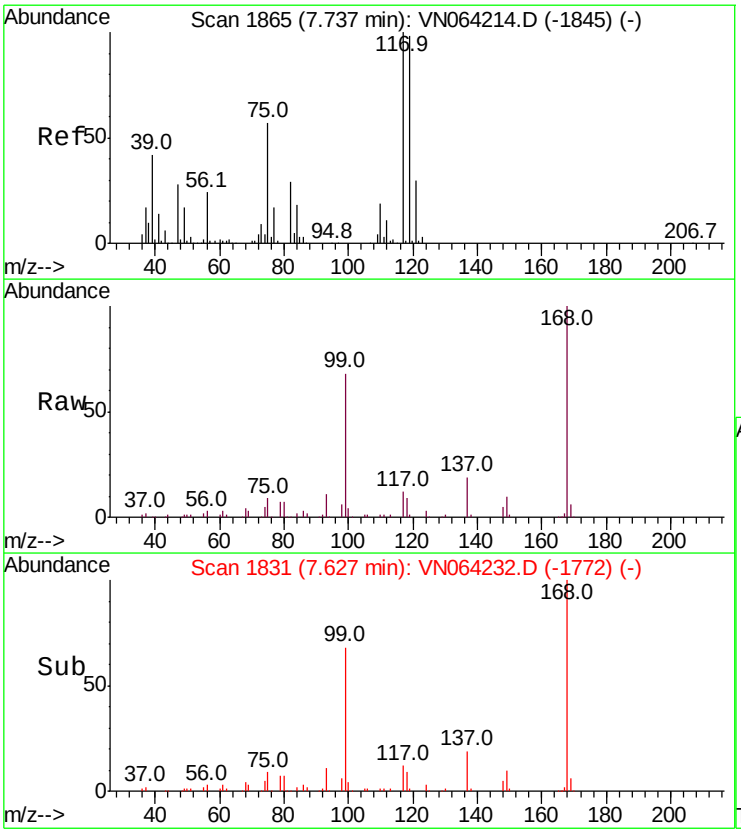
#36
1,1-Dichloropropene
Concen: 5.094 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.13 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
16804

Tgt Ion: 75 Resp: 23452

Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.2	51.6#
77	0.0	24.9	37.3#

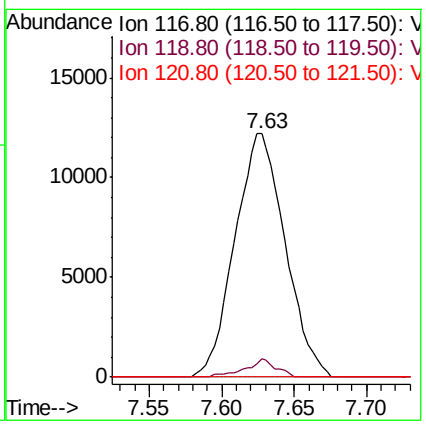


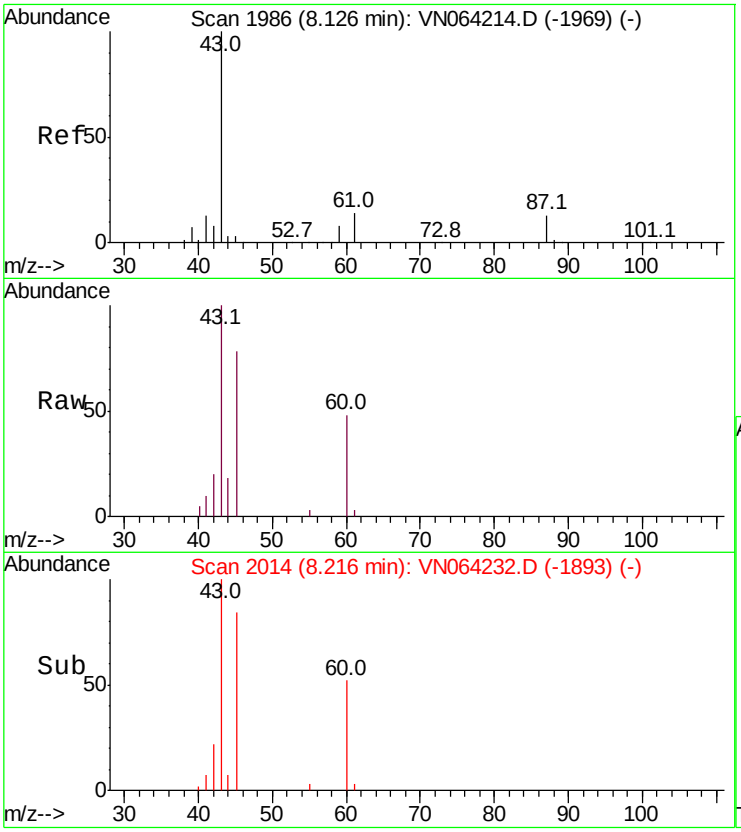


#38
Carbon Tetrachloride
Concen: 5.590 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion:117 Resp: 29281

Ion	Ratio	Lower	Upper
117	100		
119	7.3	78.5	117.7#
121	0.0	24.3	36.5#



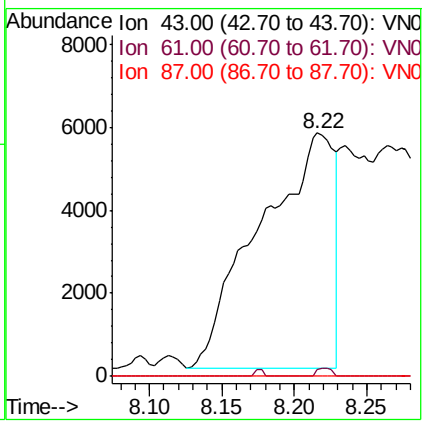


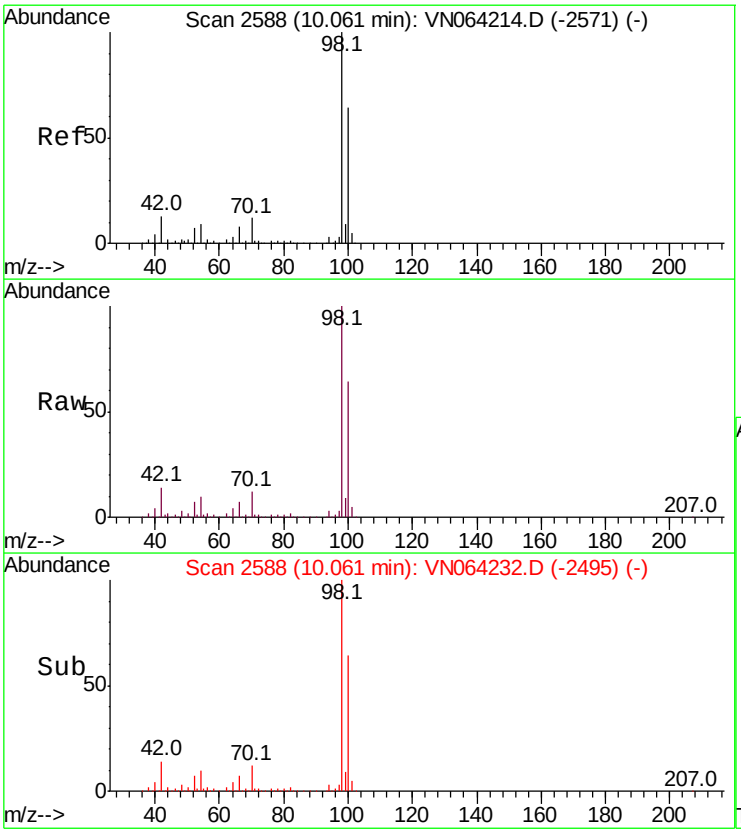
#43
Isopropyl Acetate
Concen: 2.587 ug/l
RT: 8.22 min Scan# 2014
Delta R.T. 0.09 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument : MSVOA_N
ClientSampleId : 16804

Tgt Ion: 43 Resp: 20149

Ion	Ratio	Lower	Upper
43	100		
61	0.7	19.6	29.4#
87	0.0	9.8	14.6#

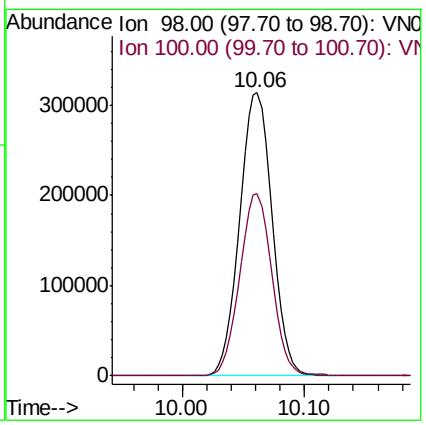


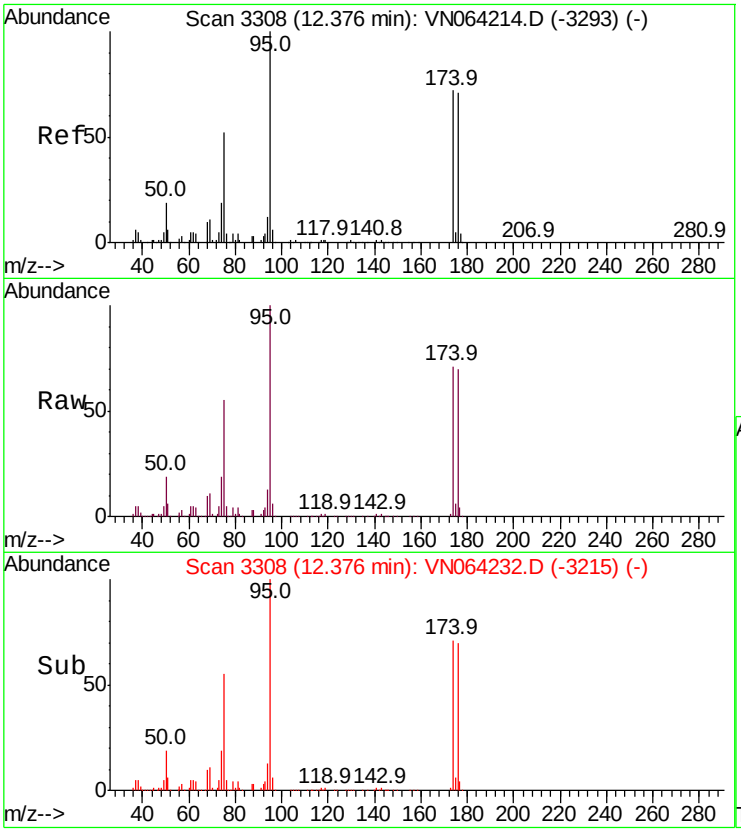


#50
Toluene-d8
Concen: 51.863 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion: 98 Resp: 577587

Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2



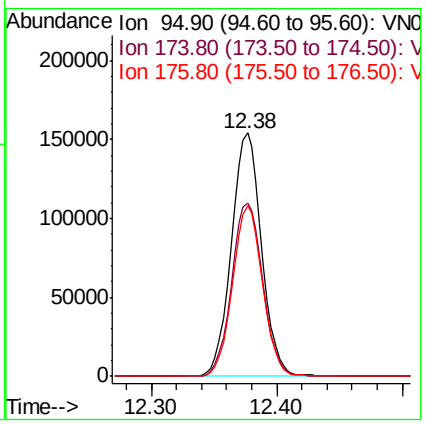


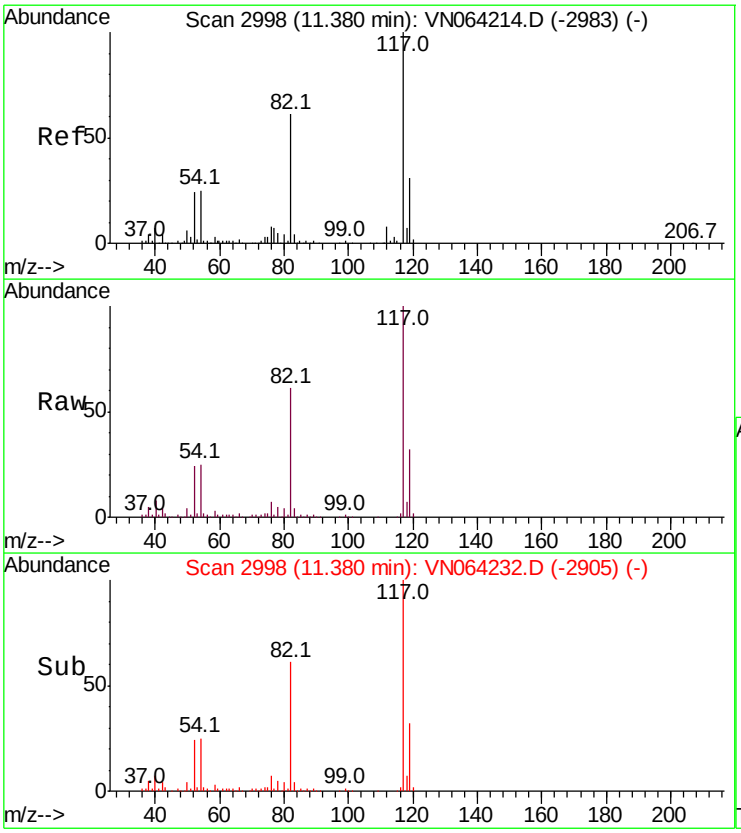
#62
4-Bromofluorobenzene
Concen: 56.896 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
16804

Tgt Ion: 95 Resp: 256868

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	144.4
176	69.9	0.0	139.2

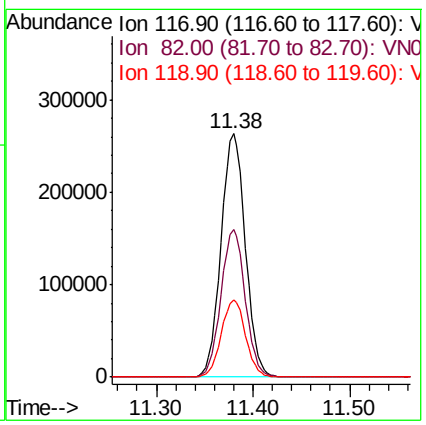


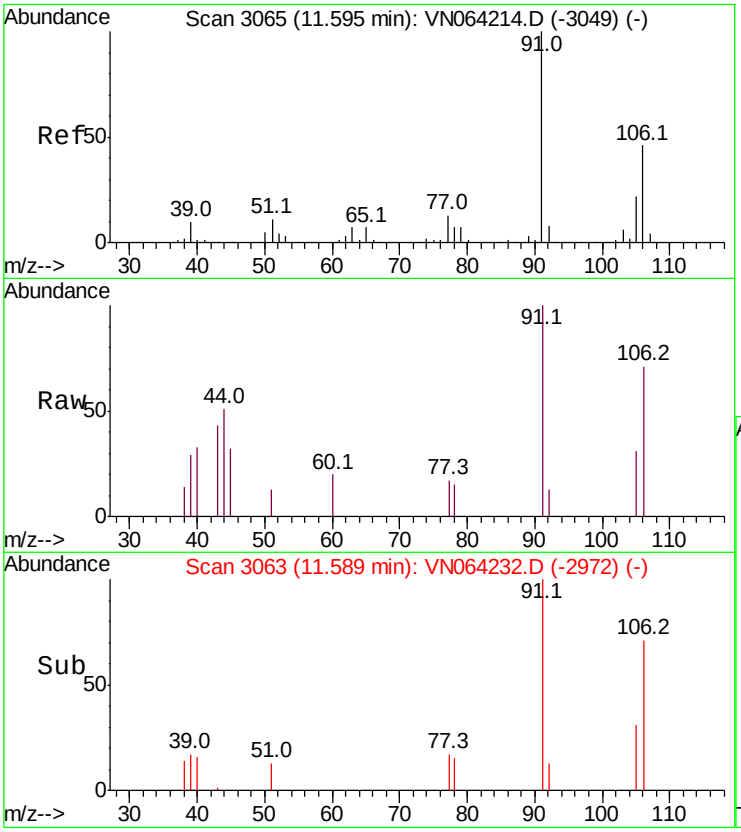


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion:117 Resp: 460148

Ion	Ratio	Lower	Upper
117	100		
82	60.9	48.8	73.2
119	31.8	24.7	37.1



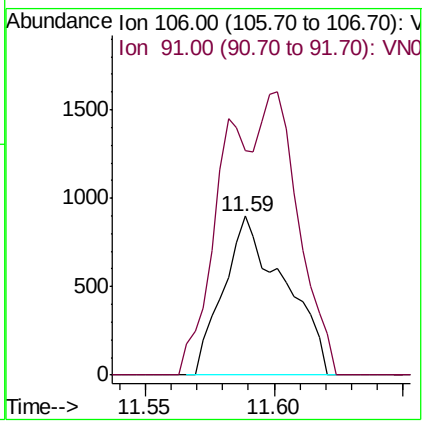


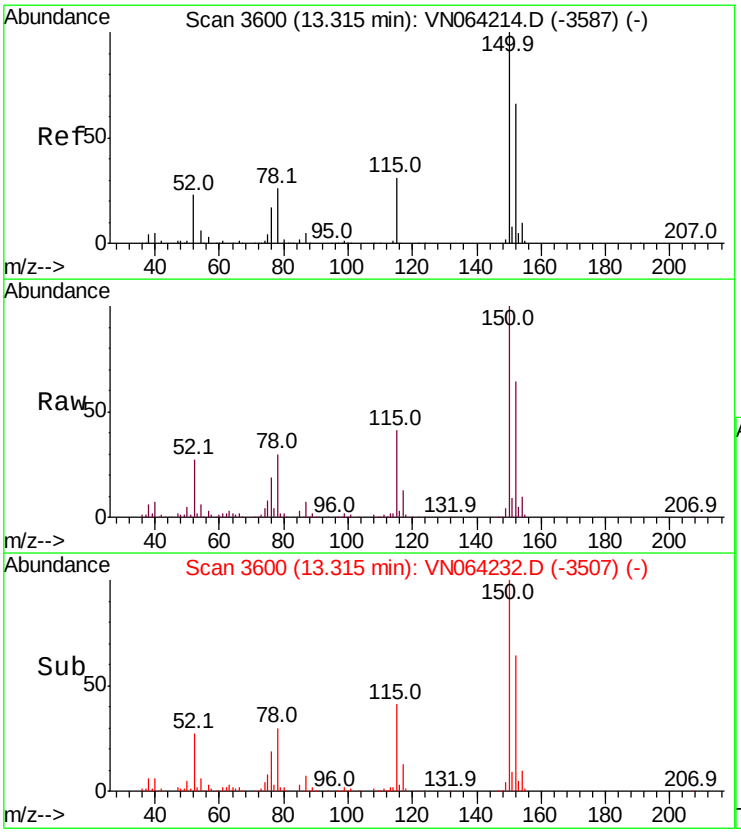
#68
m/p-Xylenes
Concen: 0.228 ug/l
RT: 11.59 min Scan# 3063
Delta R.T. -0.01 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument : MSVOA_N
ClientSampleId : 16804

Tgt Ion:106 Resp: 1481

Ion	Ratio	Lower	Upper
106	100		
91	105.0	172.2	258.2#

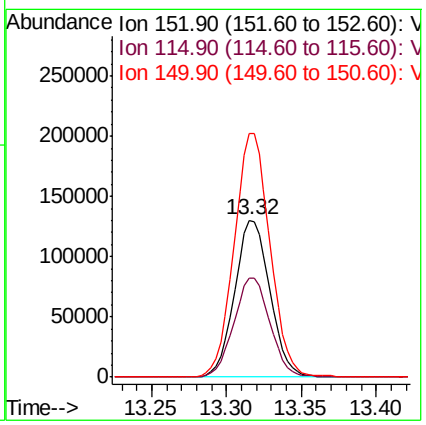


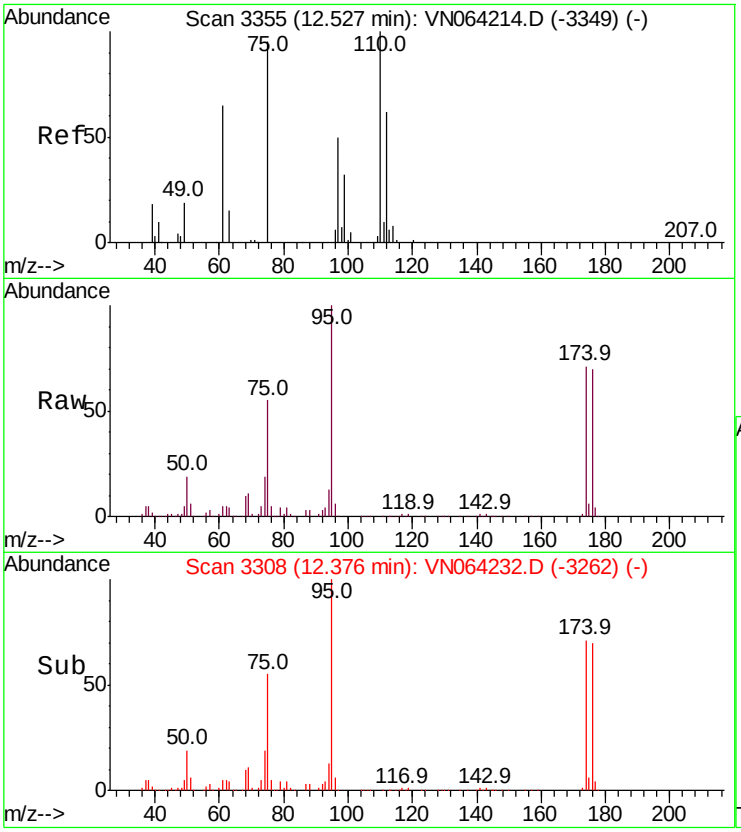


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion:152 Resp: 214061

Ion	Ratio	Lower	Upper
152	100		
115	64.4	32.0	96.2
150	157.6	0.0	356.6



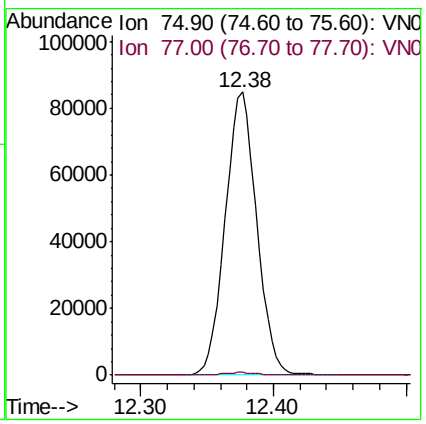


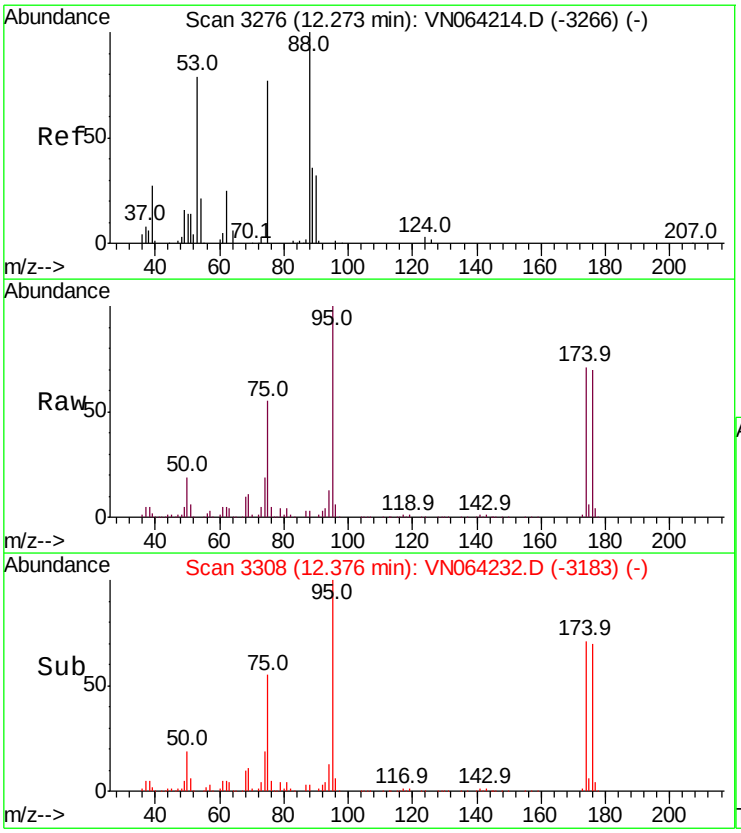
#76
1,2,3-Trichloropropane
Concen: 30.988 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.15 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
16804

Tgt Ion: 75 Resp: 139842

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#

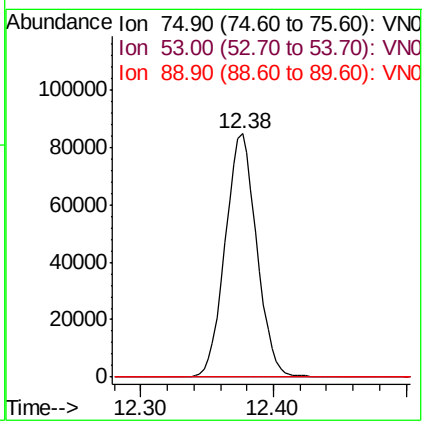


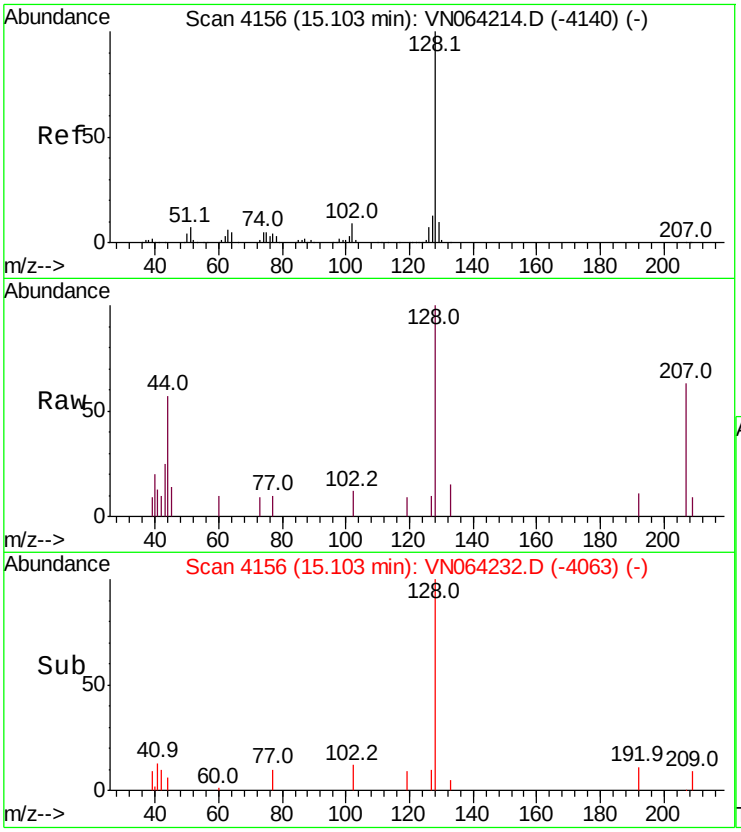


#81
trans-1,4-Dichloro-2-butene
Concen: 78.236 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.10 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Tgt Ion: 75 Resp: 139842

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.0	121.4#
89	0.0	38.7	58.1#





#95
Naphthalene
Concen: 0.299 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064232.D
Acq: 21 Oct 2020 19:31

Instrument :
MSVOA_N
ClientSampleId :
16804

Tgt Ion:128 Resp: 3380

Ion	Ratio	Lower	Upper
128	100		
127	5.5	10.5	15.7#
129	3.6	8.6	12.8#