Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
Data File : VN052413.D
Acq On : 20 Nov 2018 17:45
Operator : MD\SY
Sample : PB114952ZHE#07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Nov 20 23:56:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	296145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	505517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	435731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	228943	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.48%			
35) Dibromofluoromethane	7.59	113	167005	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.44%			
50) Toluene-d8	10.09	98	642760	50.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.22%			
62) 4-Bromofluorobenzene	12.40	95	190336	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.22%			
Target Compounds						Qvalue
13) Acrolein	3.66	56	32	21.858	ug/l #	14
16) Acetone	3.82	43	5874	5.101	ug/l #	86
18) Methyl Acetate	4.34	43	2012	1.050	ug/l #	67
20) Methylene Chloride	4.55	84	9404	2.012	ug/l	96
25) 2-Butanone	6.85	43	623	0.384	ug/l #	52
29) Tetrahydrofuran	7.21	42	288	0.270	ug/l #	60
31) Cyclohexane	7.66	56	9300	0.411	ug/l #	44
36) 1,1-Dichloropropene	7.67	75	28967	5.717	ug/l #	51
38) Carbon Tetrachloride	7.67	117	32365	6.953	ug/l #	15
41) Methacrylonitrile	7.17	41	31	3.709	ug/l #	100
43) Isopropyl Acetate	8.17	43	20722	2.920	ug/l #	93
45) 1,2-Dichloropropane	9.27	63	1012	0.246	ug/l #	44
48) Methyl methacrylate	9.18	41	5434	1.509	ug/l #	16
51) 4-Methyl-2-Pentanone	10.03	43	5384	1.507	ug/l #	41
54) cis-1,3-Dichloropropene	9.90	75	30932	5.513	ug/l #	76
57) 1,3-Dichloropropane	10.76	76	6383	1.148	ug/l #	43
59) 2-Hexanone	10.76	43	116428	47.390	ug/l #	55
71) Bromoform	12.40	173	1507	0.813	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	110809	43.217	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	110809	140.170	ug/l #	5

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

Quantitation Report (Not Reviewed)

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Data File : VN052413.D
Acq On : 20 Nov 2018 17:45
Operator : MD\SY
Sample : PB114952ZHE#07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

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MSVOA_N
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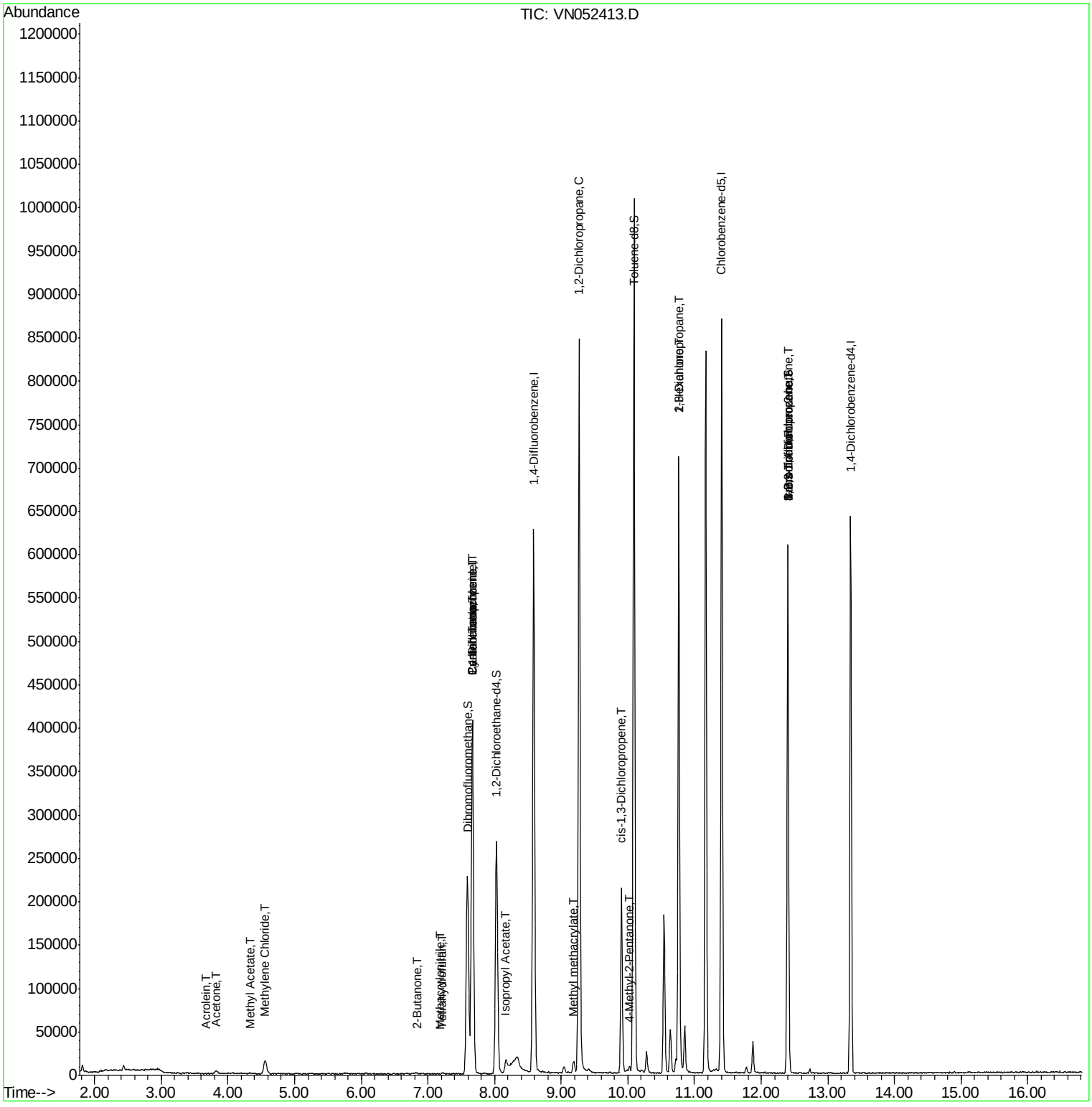
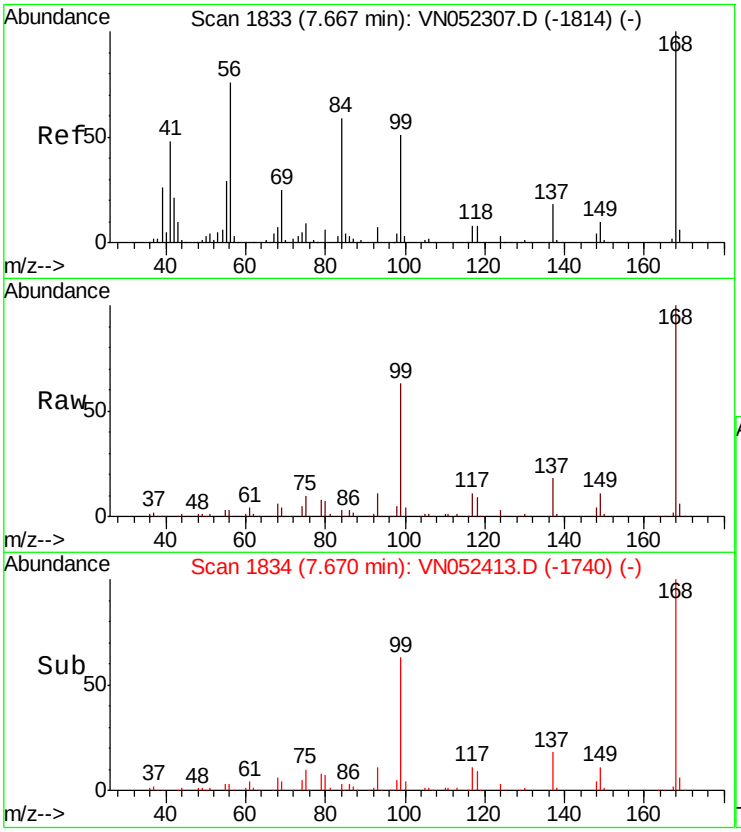


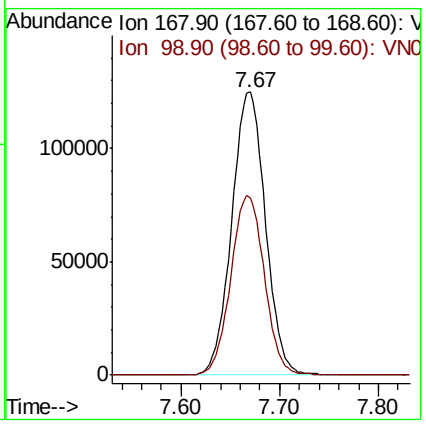


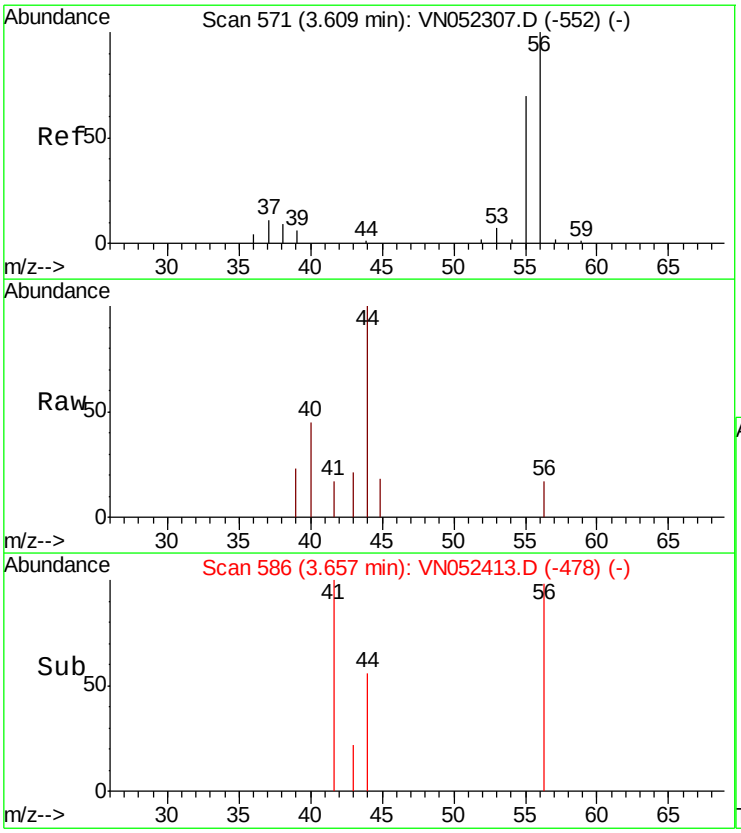
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 296145

Ion	Ratio	Lower	Upper
168	100		
99	62.8	47.9	71.9

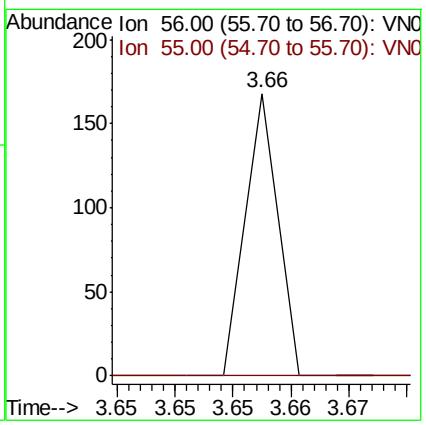


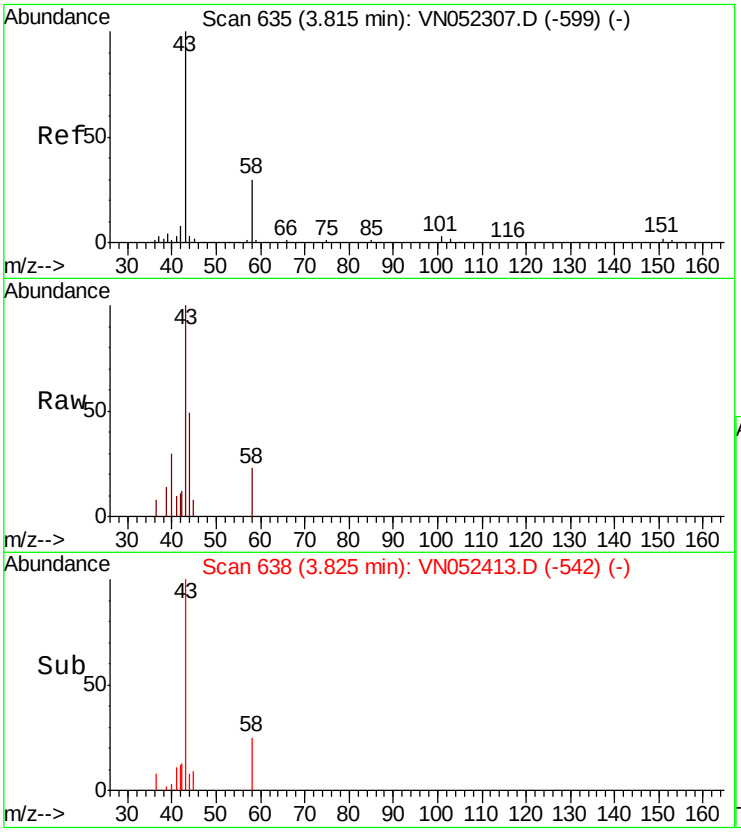


#13
Acrolein
Concen: 21.858 ug/l
RT: 3.66 min Scan# 586
Delta R.T. 0.05 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion: 56 Resp: 32

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#



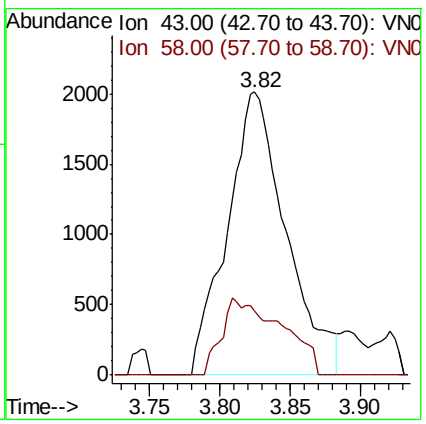


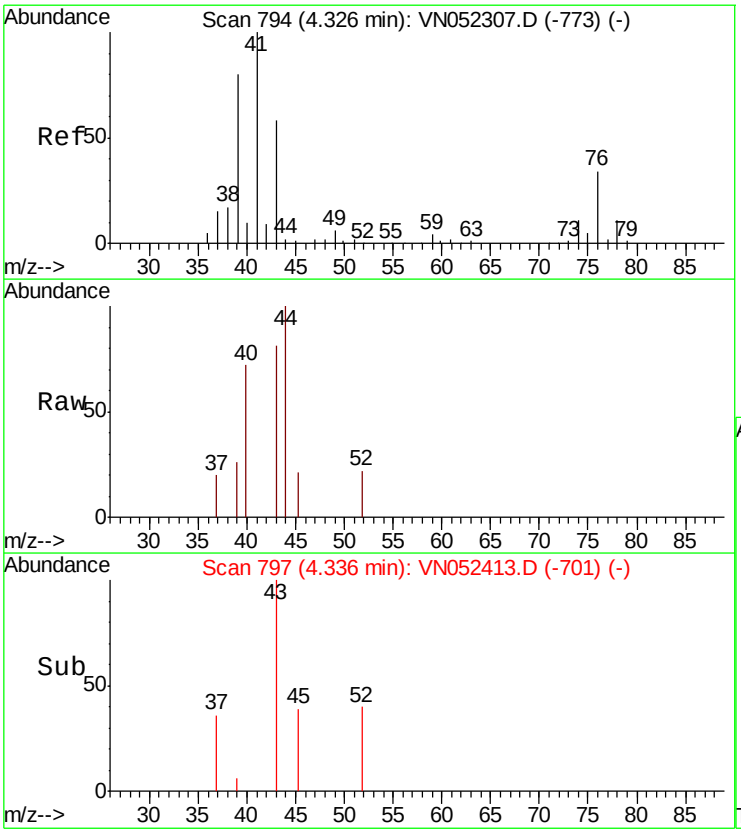
#16
Acetone
Concen: 5.101 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 5874

Ion	Ratio	Lower	Upper
43	100		
58	22.8	24.2	36.4#

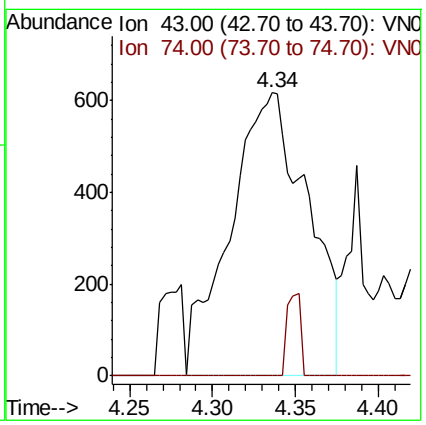


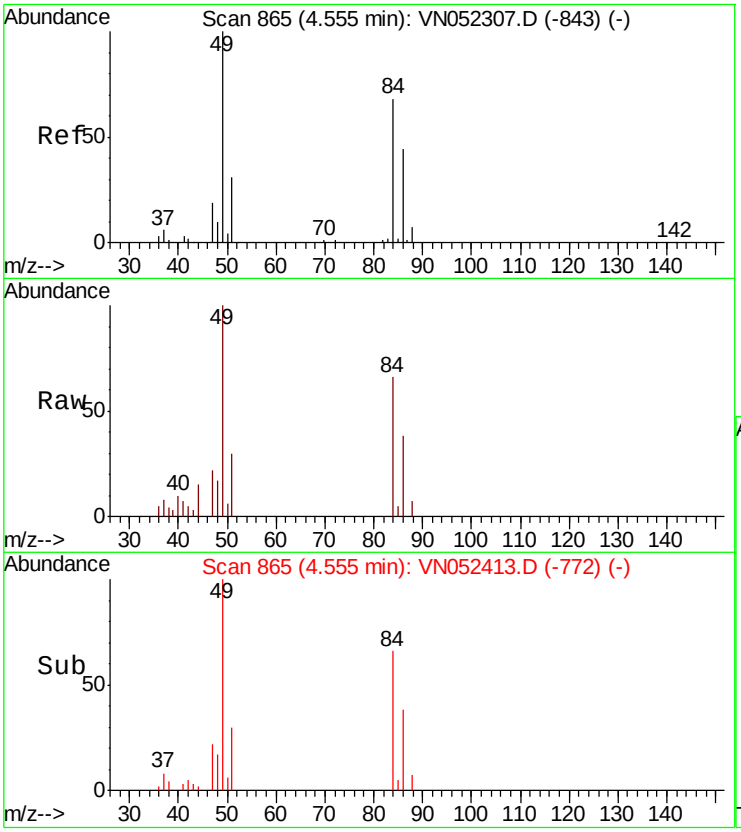


#18
Methyl Acetate
Concen: 1.050 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion: 43 Resp: 2012

Ion	Ratio	Lower	Upper
43	100		
74	4.8	15.9	23.9#



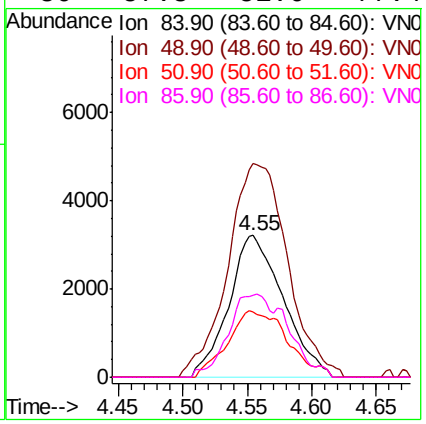


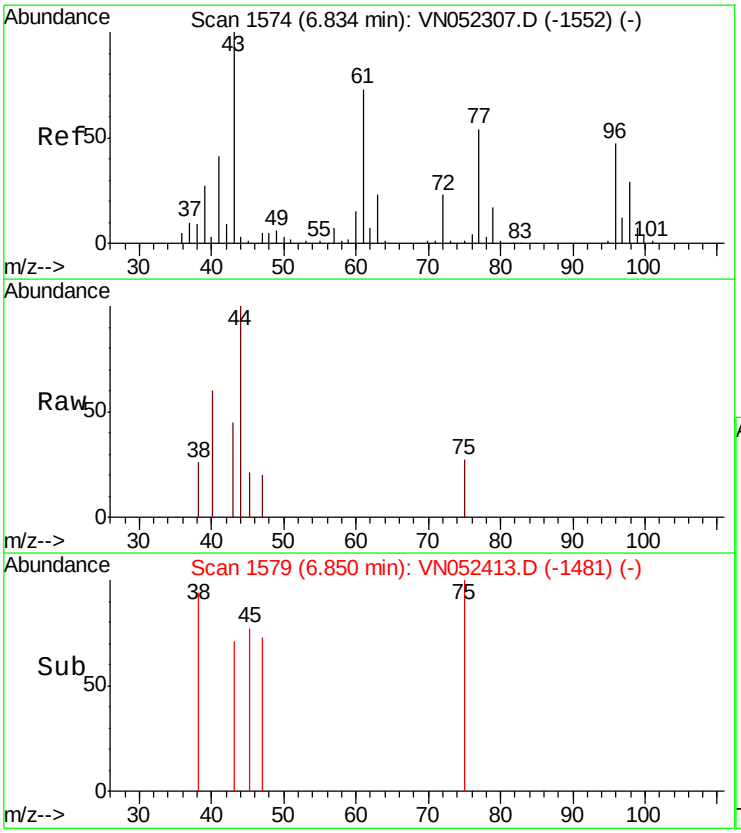
#20
Methylene Chloride
Concen: 2.012 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 84 Resp: 9404

Ion	Ratio	Lower	Upper
84	100		
49	143.9	118.2	177.2
51	45.8	36.1	54.1
86	57.8	51.6	77.4

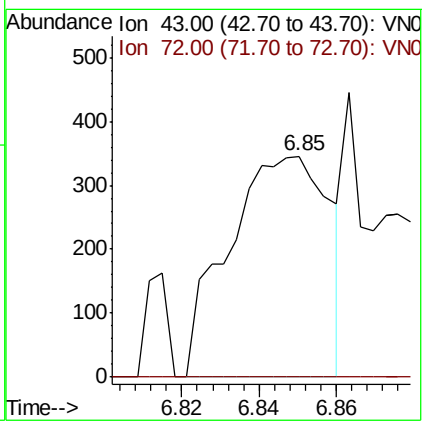


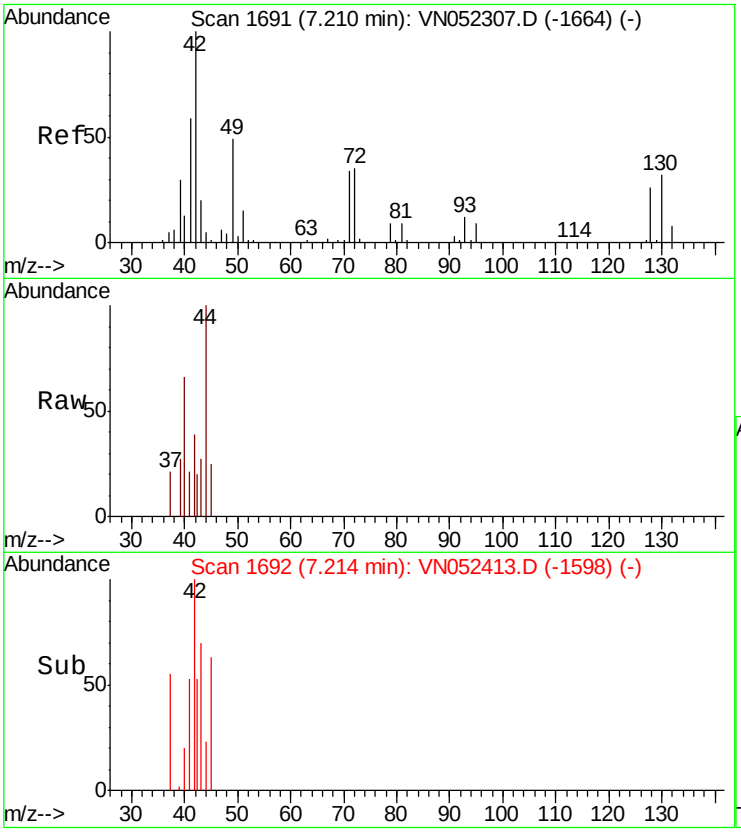


#25
2-Butanone
Concen: 0.384 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion: 43 Resp: 623

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



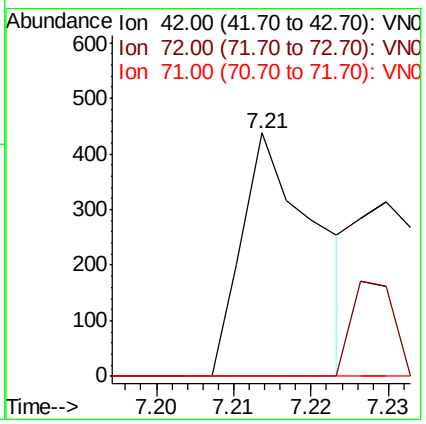


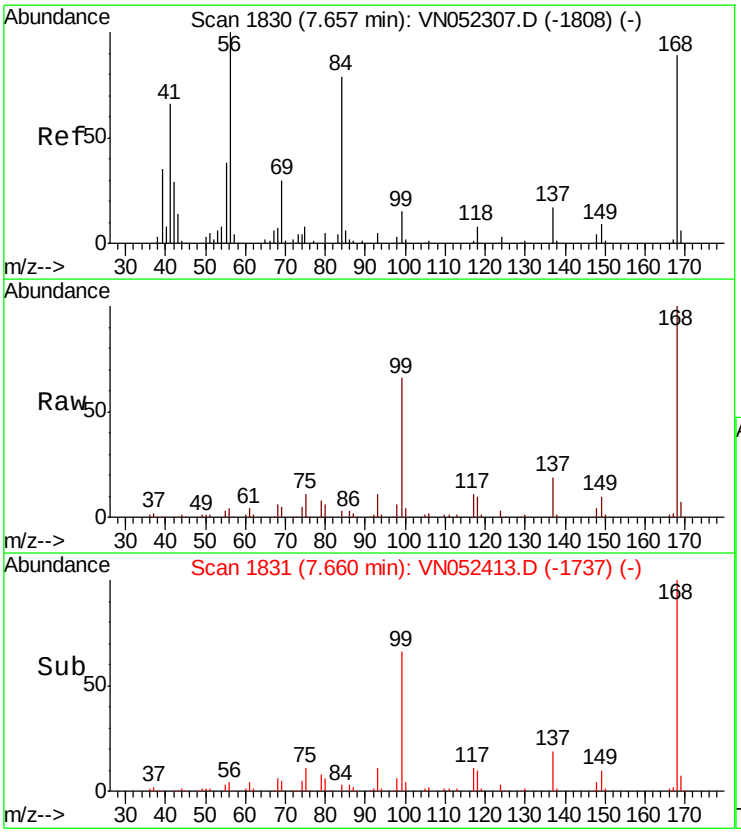
#29
Tetrahydrofuran
Concen: 0.270 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 42 Resp: 288

Ion	Ratio	Lower	Upper
42	100		
72	22.2	28.6	42.8#
71	0.0	26.7	40.1#

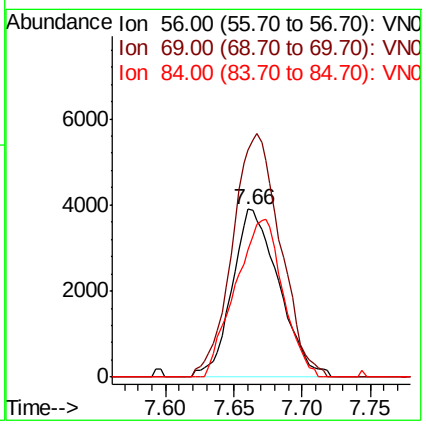


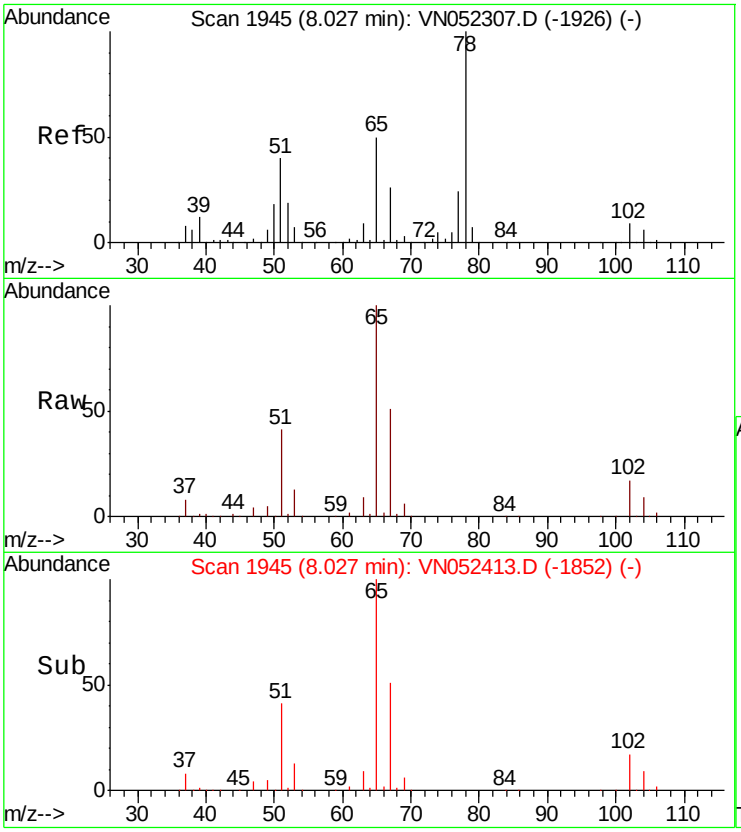


#31
Cyclohexane
Concen: 0.411 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion: 56 Resp: 9300

Ion	Ratio	Lower	Upper
56	100		
69	135.7	23.8	35.8#
84	75.6	63.0	94.6



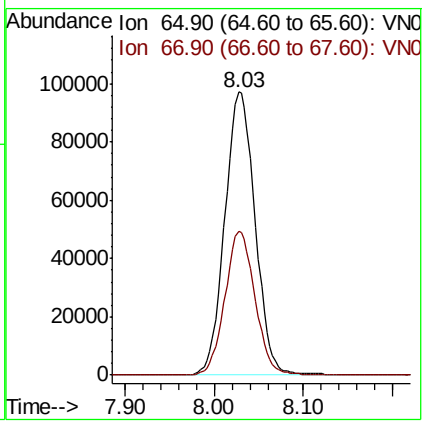


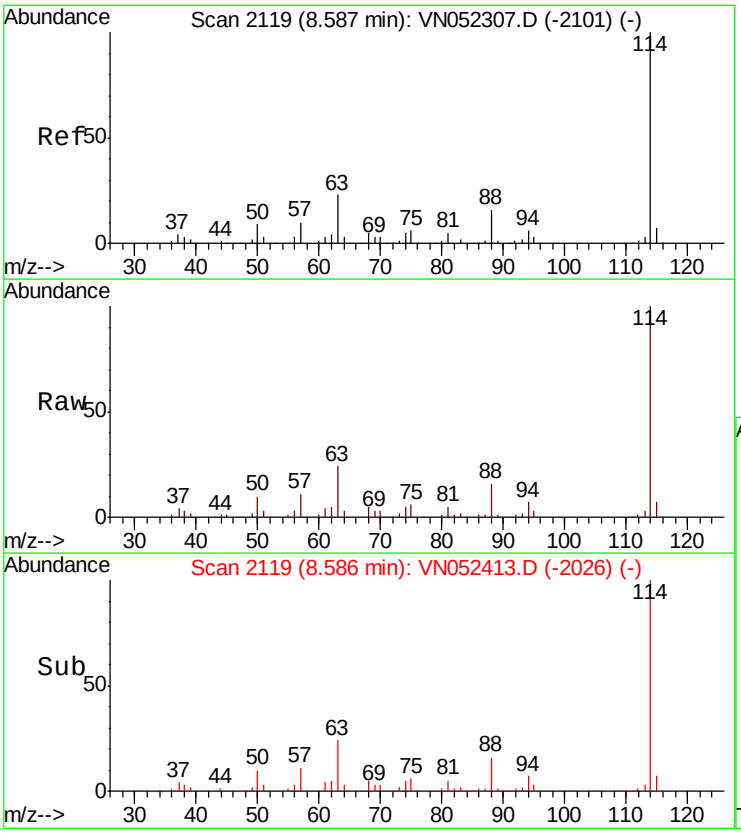
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 228943

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	105.2

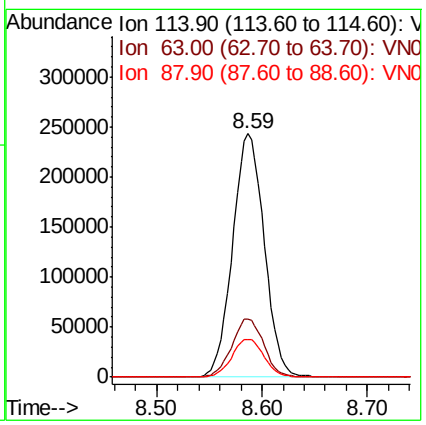


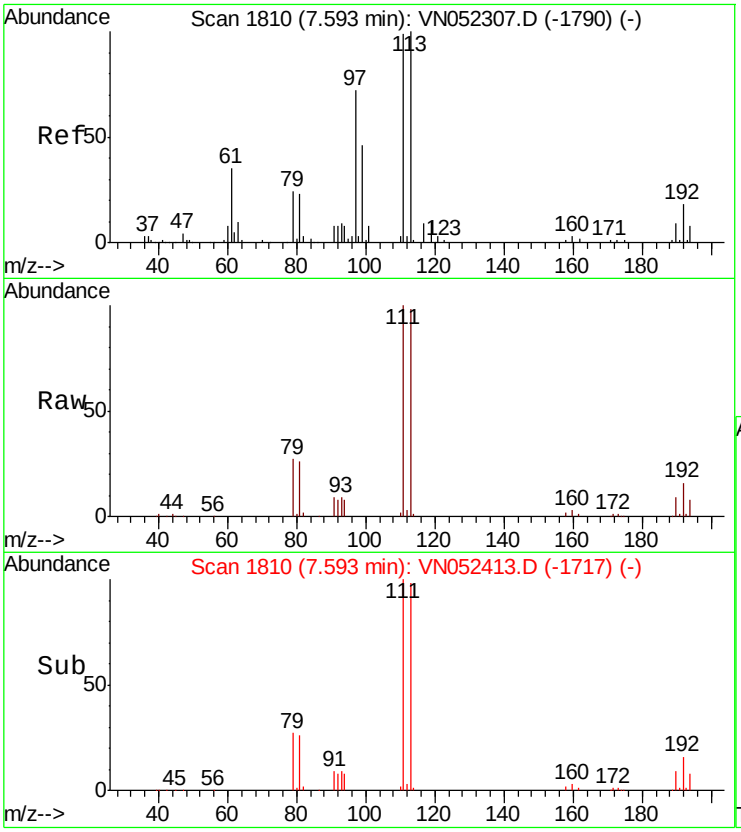


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion:114 Resp: 505517

Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	45.4
88	15.7	0.0	31.2



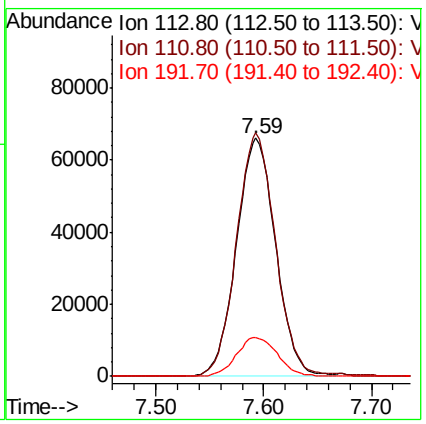


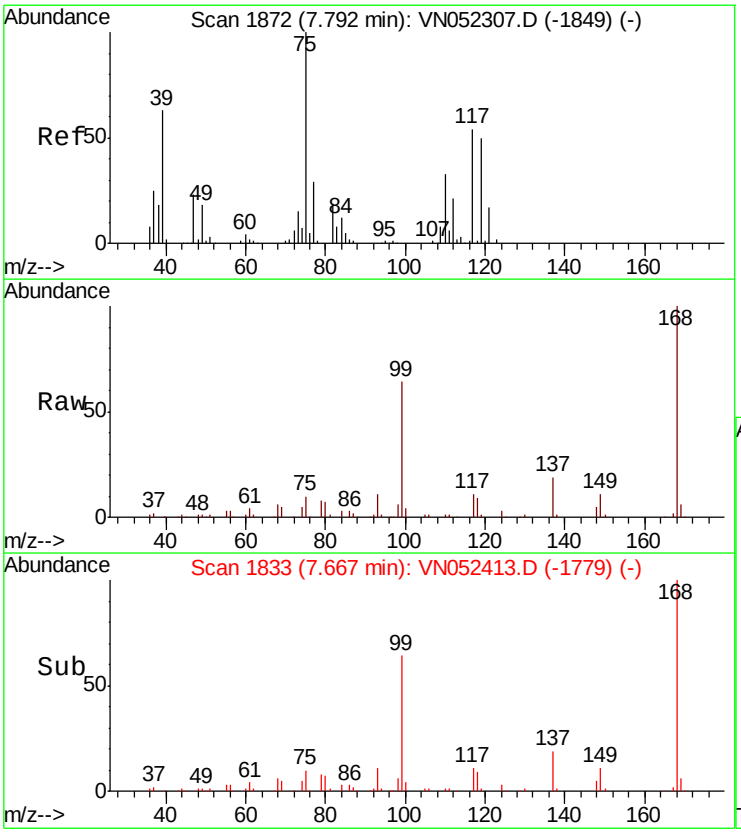
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 167005

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.0	121.6
192	17.0	13.8	20.6

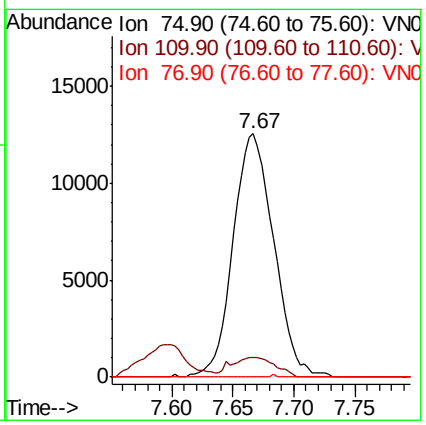


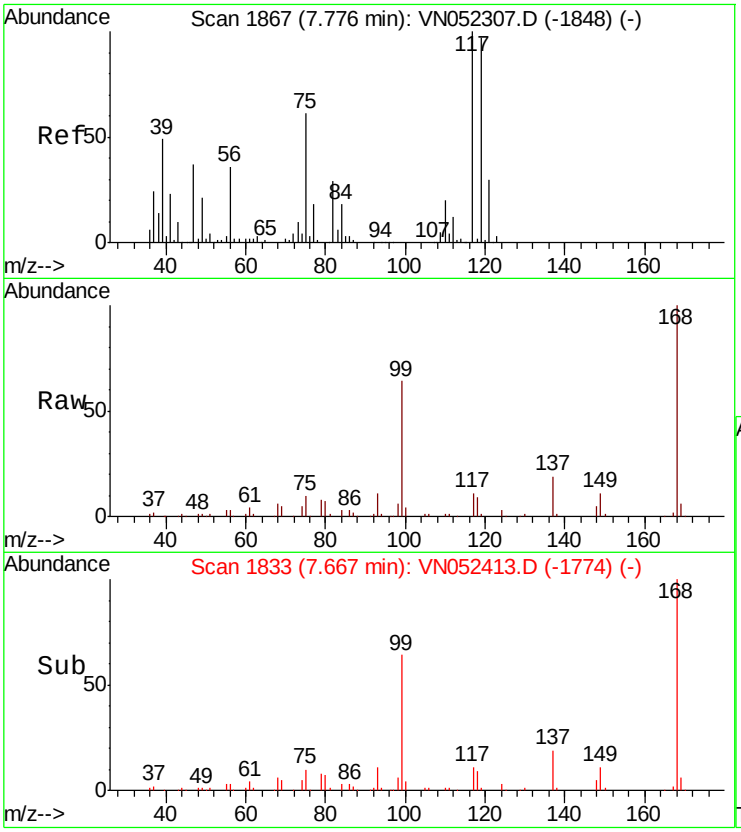


#36
1,1-Dichloropropene
Concen: 5.717 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion: 75 Resp: 28967

Ion	Ratio	Lower	Upper
75	100		
110	8.9	16.5	49.5#
77	0.1	24.2	36.2#



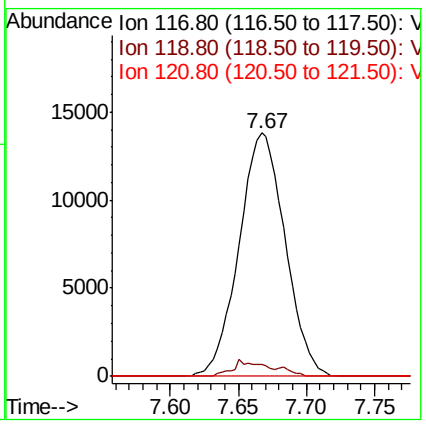


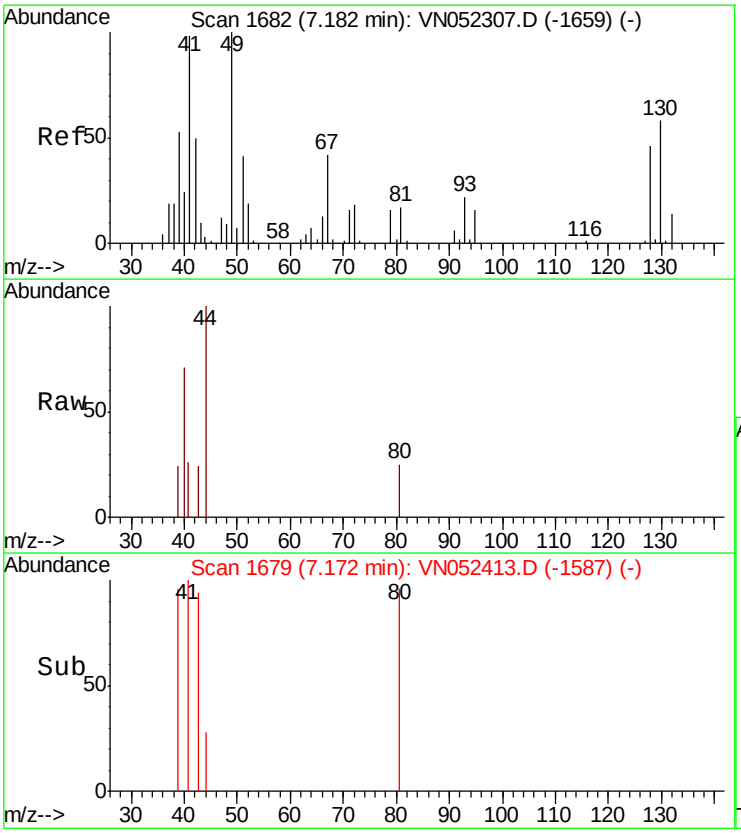
#38
Carbon Tetrachloride
Concen: 6.953 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 32365

Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.4	116.0#
121	0.0	24.0	36.0#

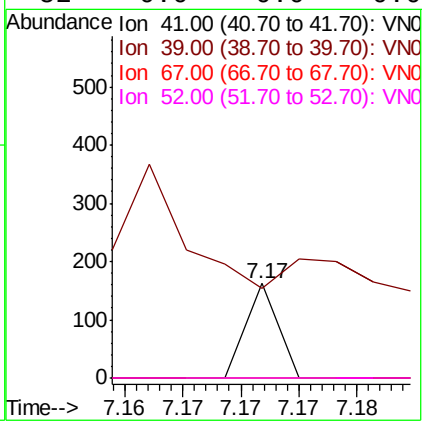


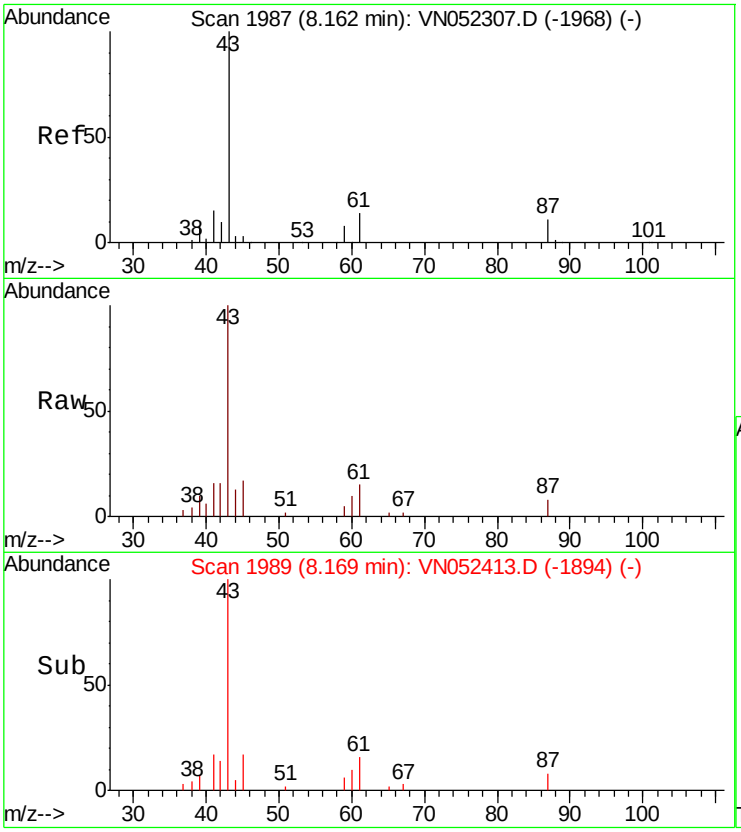


#41
Methacrylonitrile
Concen: 3.709 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion: 41 Resp: 31

Ion	Ratio	Lower	Upper
41	100		
39	751.6	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



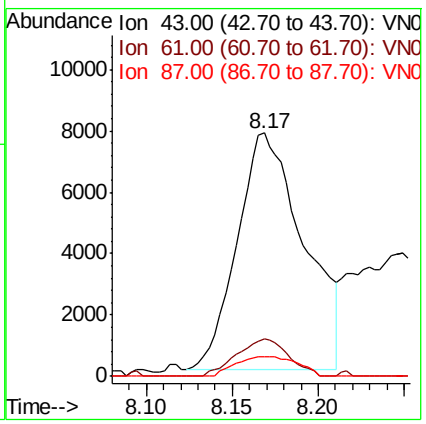


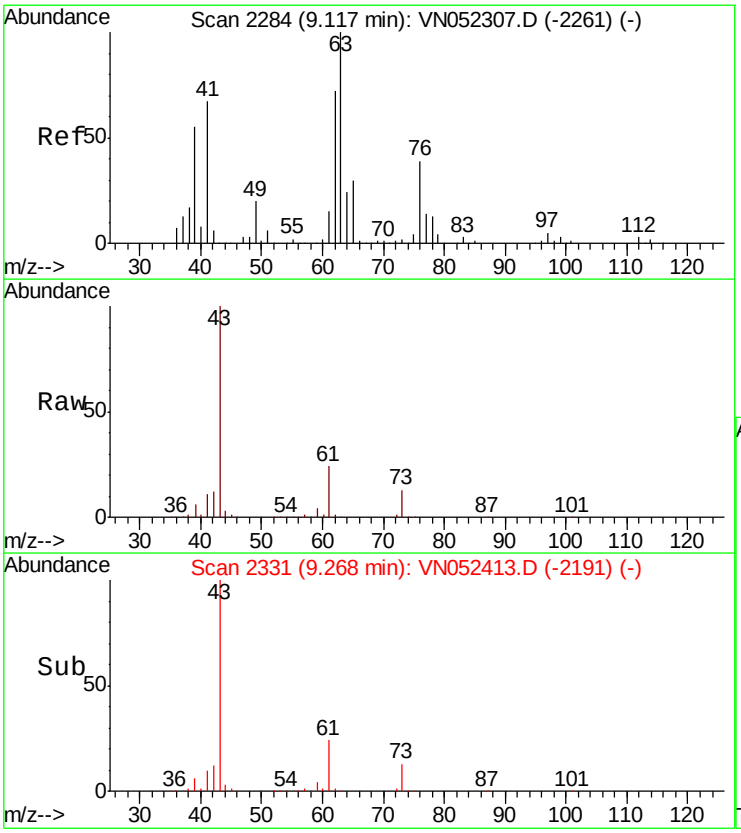
#43
Isopropyl Acetate
Concen: 2.920 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 20722

Ion	Ratio	Lower	Upper
43	100		
61	12.2	12.0	18.0
87	7.8	8.3	12.5#

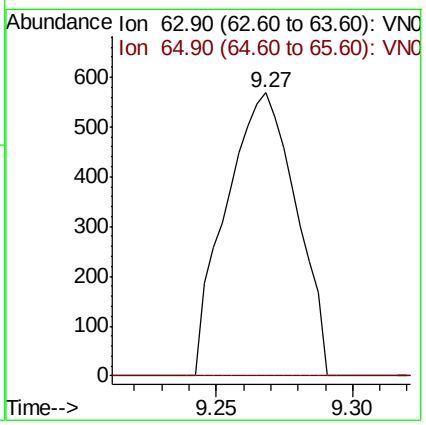


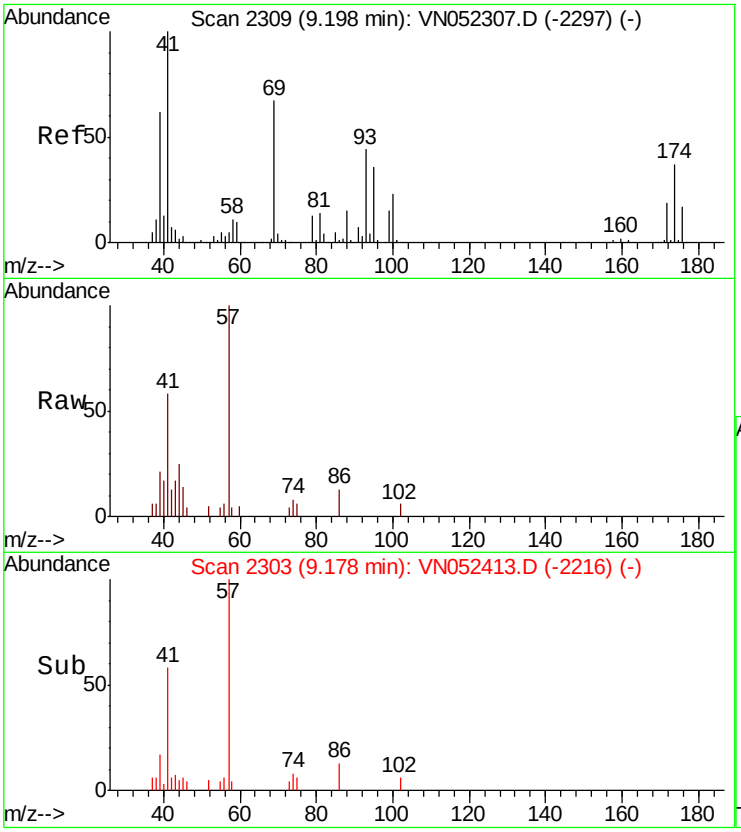


#45
1,2-Dichloropropane
Concen: 0.246 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion: 63 Resp: 1012

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.2	36.4#



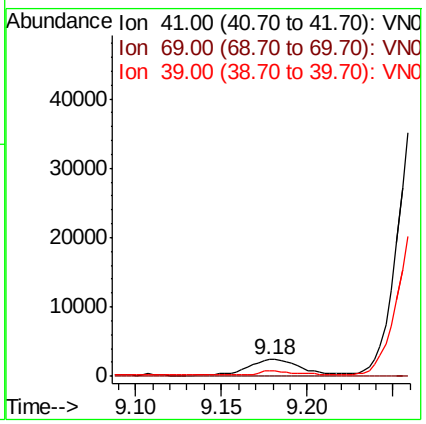


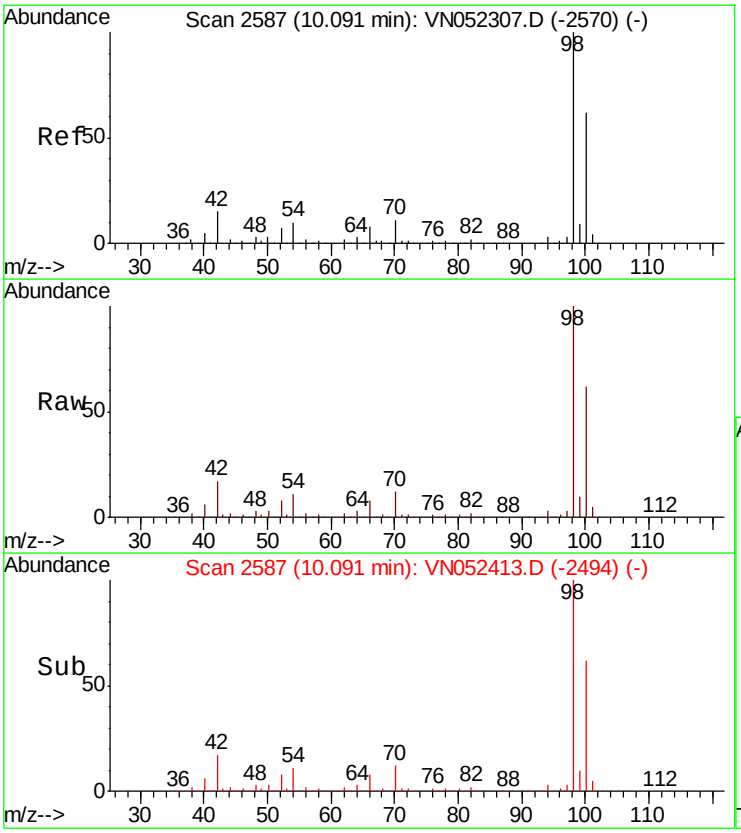
#48
Methyl methacrylate
Concen: 1.509 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 5434

Ion	Ratio	Lower	Upper
41	100		
69	0.0	57.1	85.7#
39	0.0	52.5	78.7#

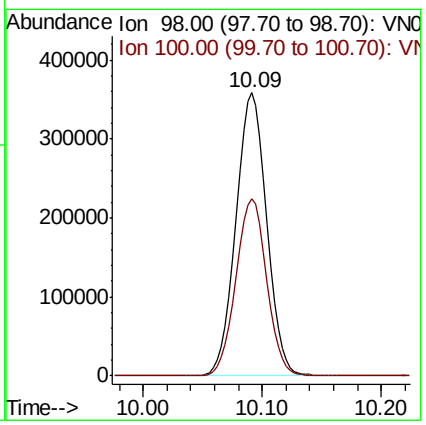


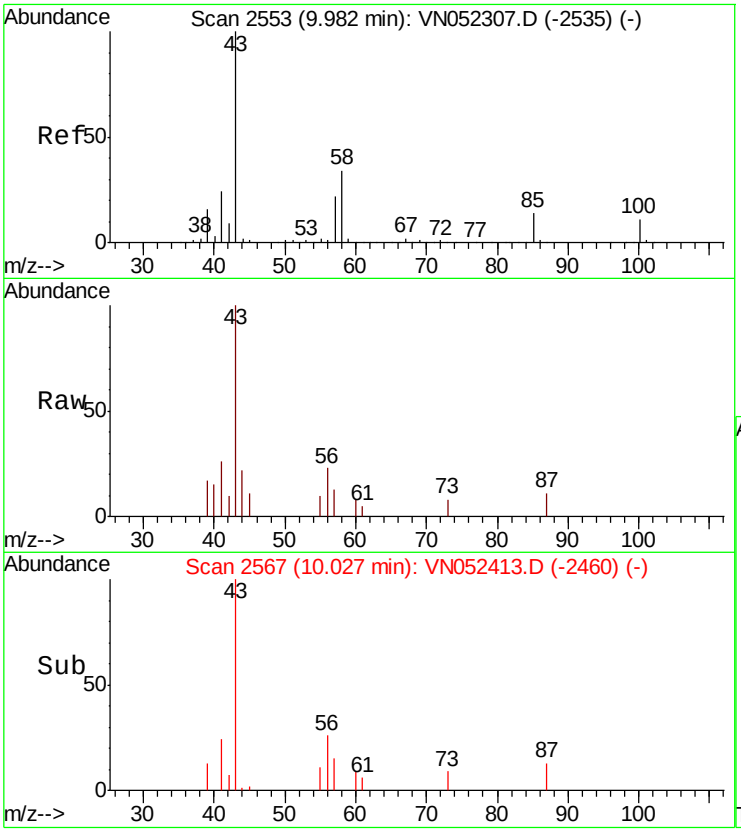


#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion: 98 Resp: 642760

Ion	Ratio	Lower	Upper
98	100		
100	62.5	49.5	74.3



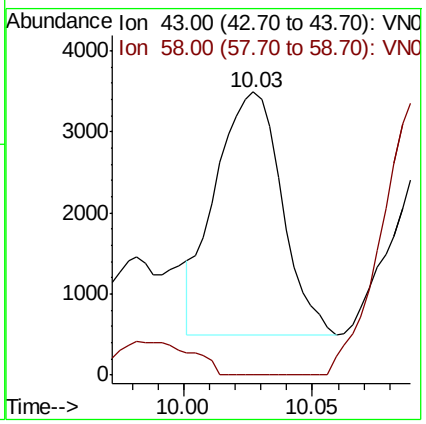


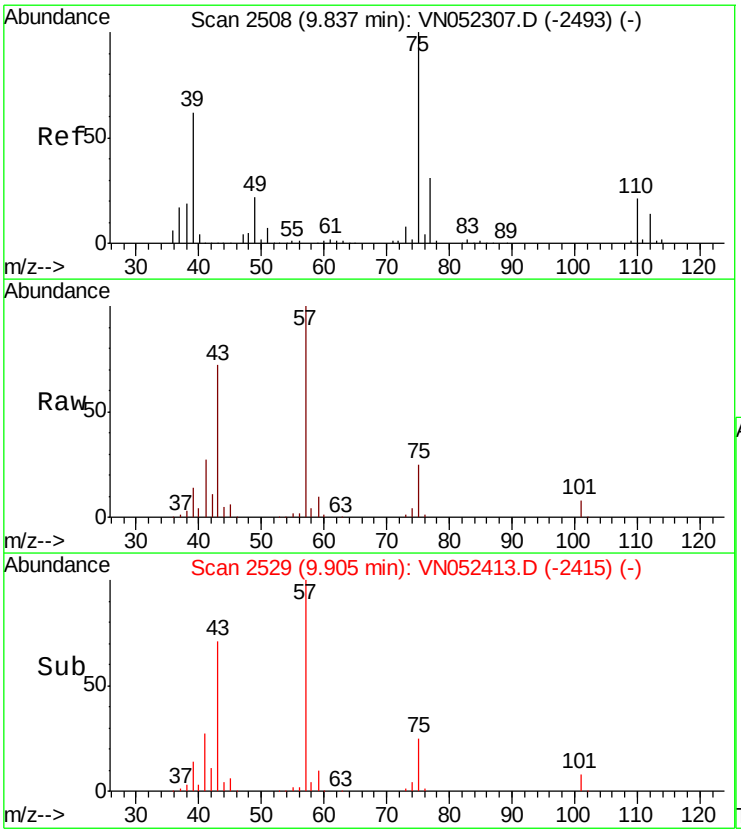
#51
4-Methyl-2-Pentanone
Concen: 1.507 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 5384

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.0	40.6#

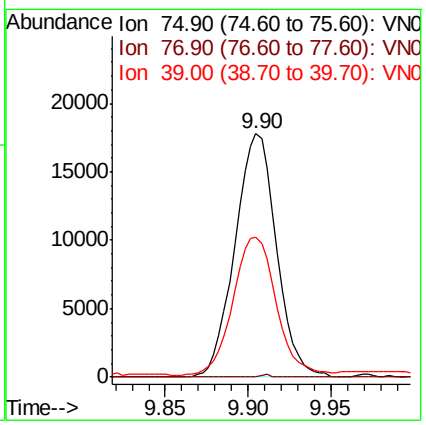


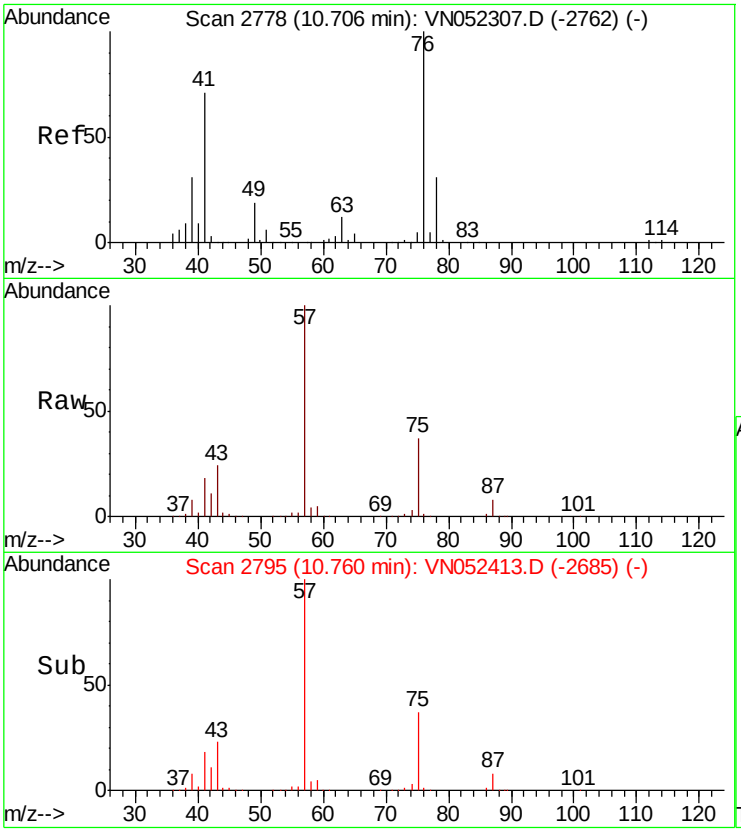


#54
cis-1,3-Dichloropropene
Concen: 5.513 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.07 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion: 75 Resp: 30932

Ion	Ratio	Lower	Upper
75	100		
77	0.0	24.6	36.8#
39	56.5	49.9	74.9



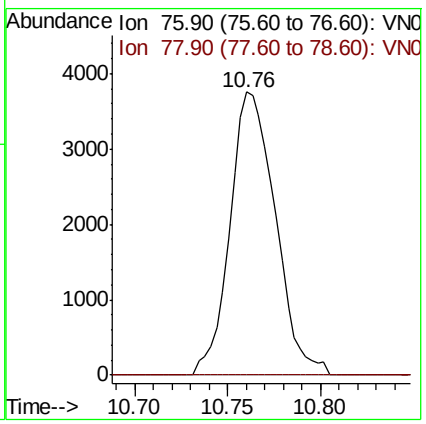


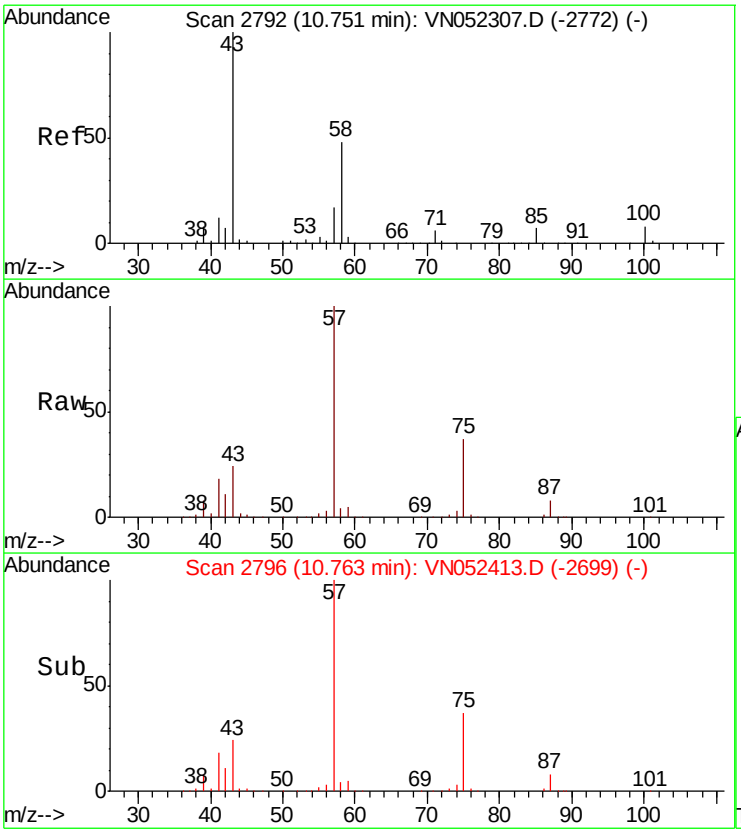
#57
1,3-Dichloropropane
Concen: 1.148 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.05 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 6383

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#

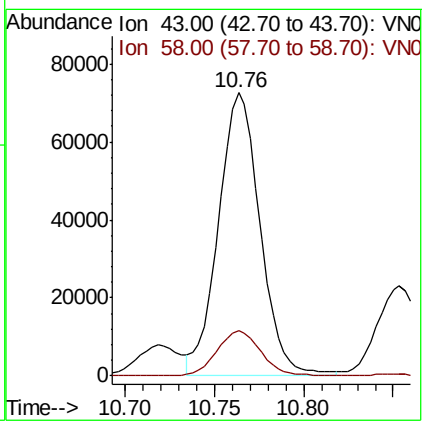


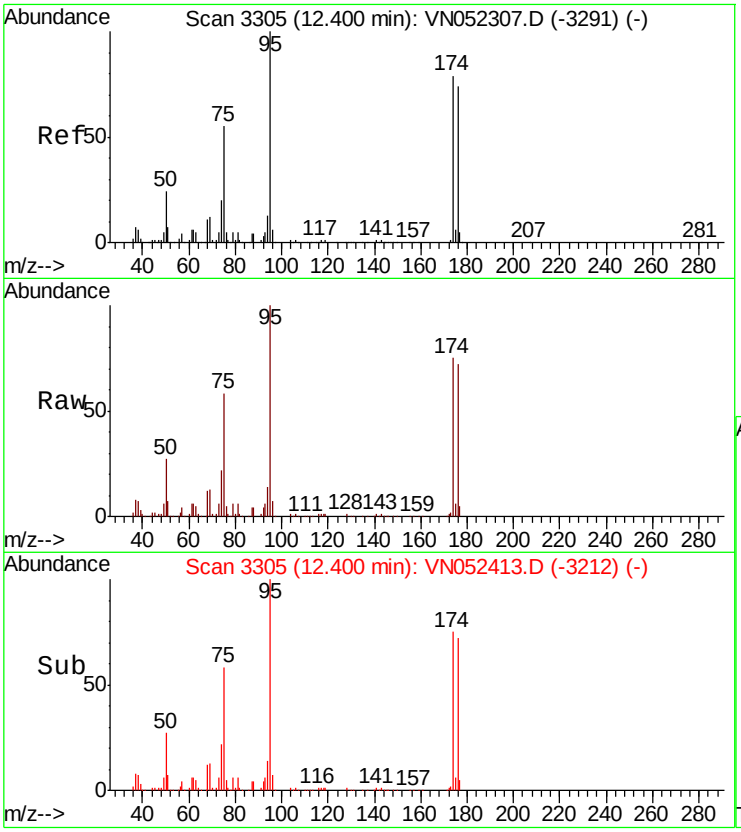


#59
2-Hexanone
Concen: 47.390 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion: 43 Resp: 116428

Ion	Ratio	Lower	Upper
43	100		
58	16.9	23.5	70.6#



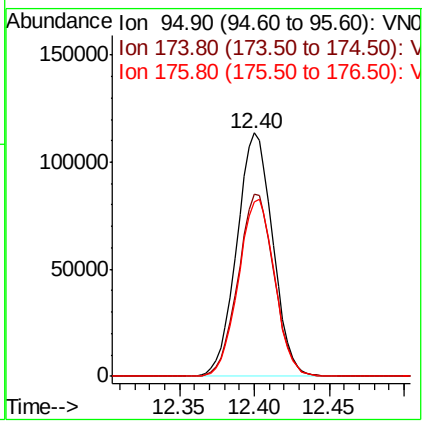


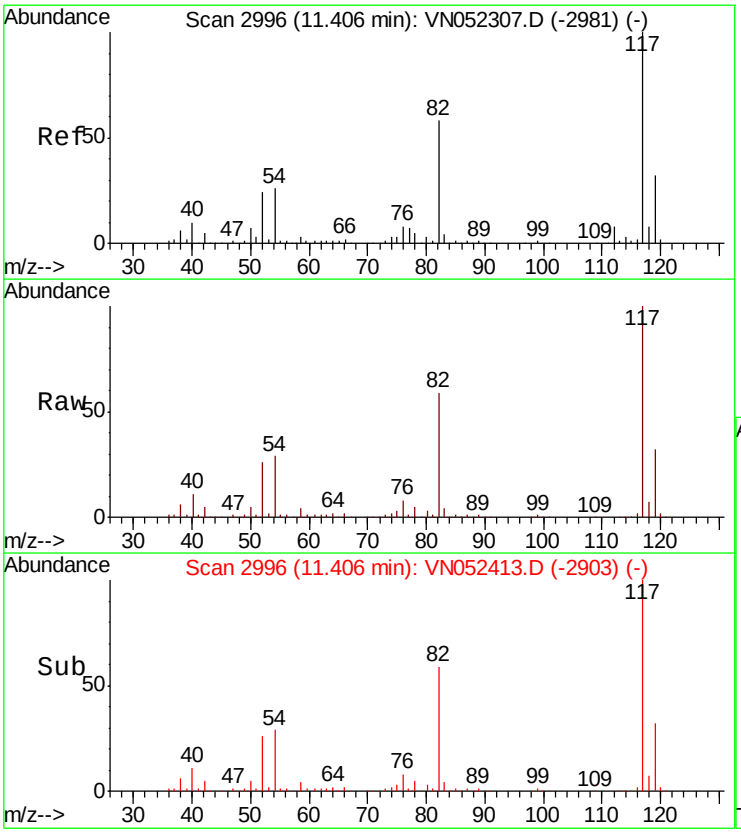
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 190336

Ion	Ratio	Lower	Upper
95	100		
174	74.8	0.0	156.0
176	72.8	0.0	148.4

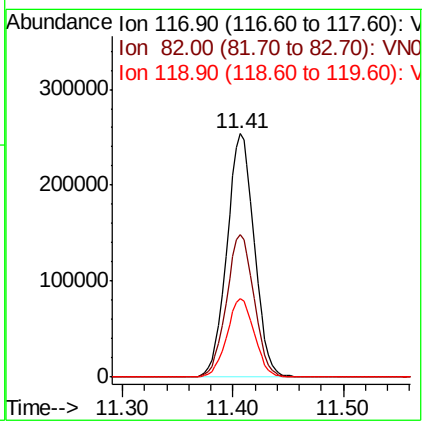


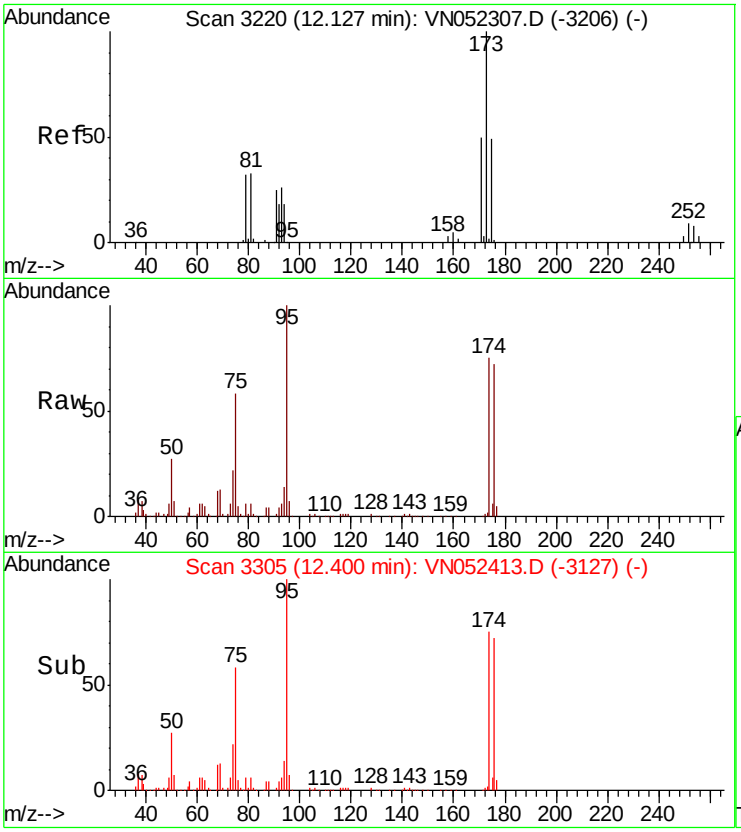


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion:117 Resp: 435731

Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.5	69.7
119	32.0	25.7	38.5



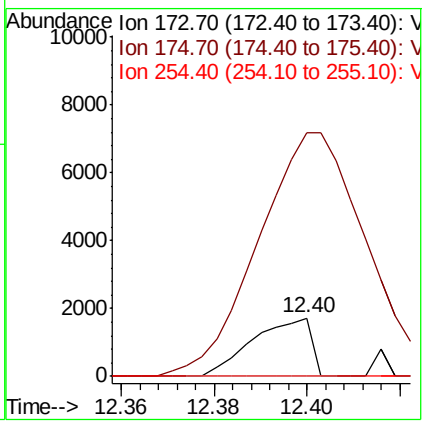


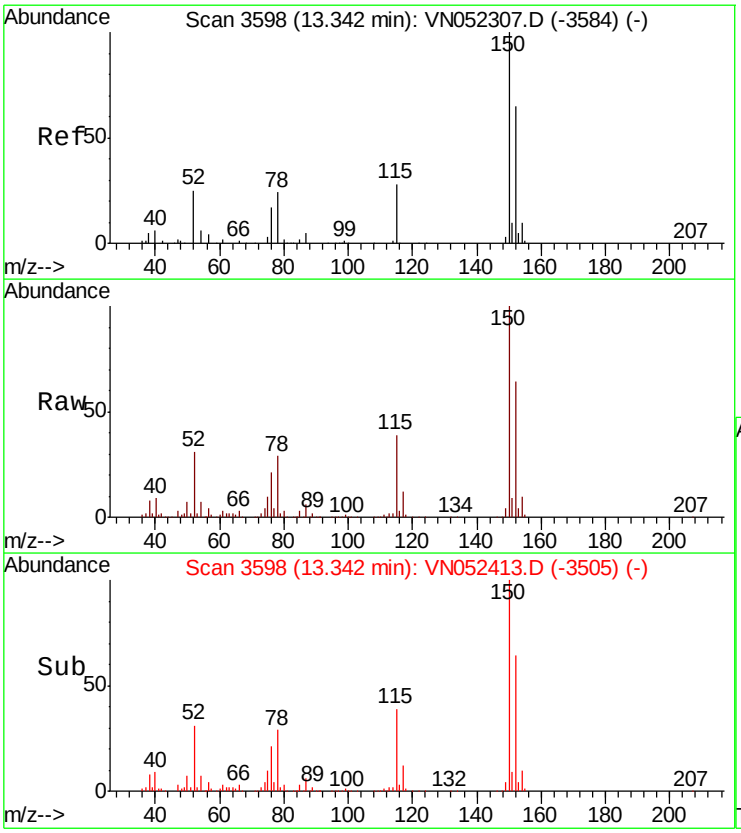
#71
Bromoform
Concen: 0.813 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 1507

Ion	Ratio	Lower	Upper
173	100		
175	681.9	25.0	75.0#
254	0.0	0.0	0.0

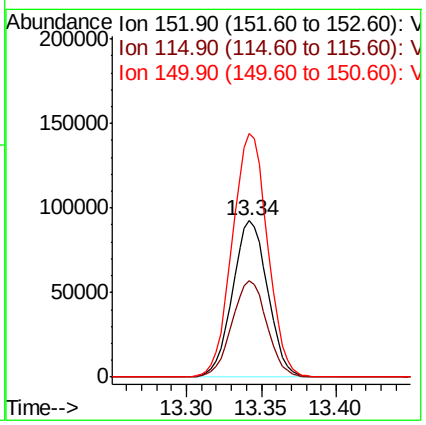


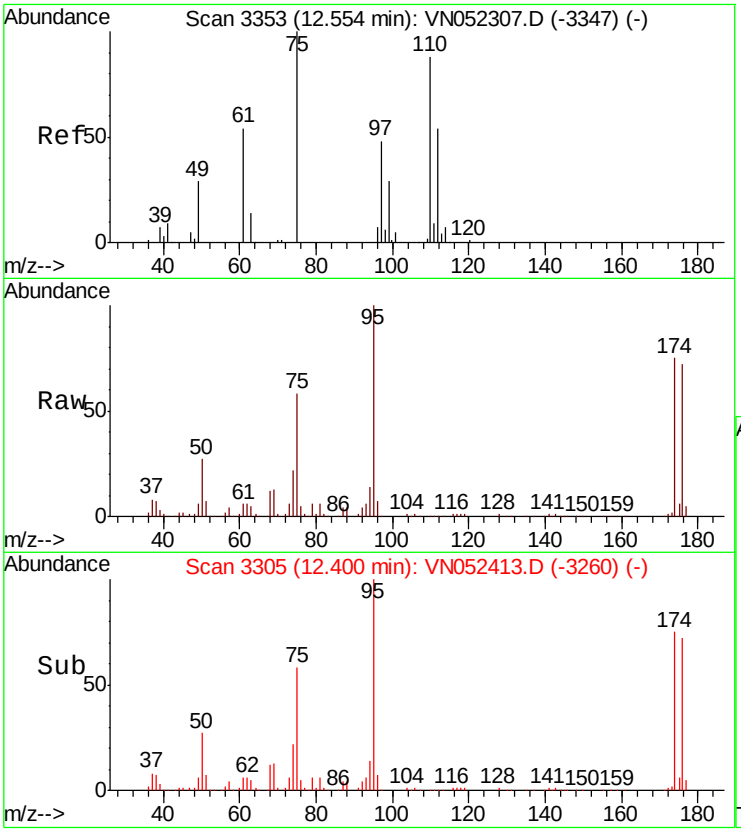


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion:152 Resp: 151107

Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.3	91.0
150	156.7	0.0	348.2



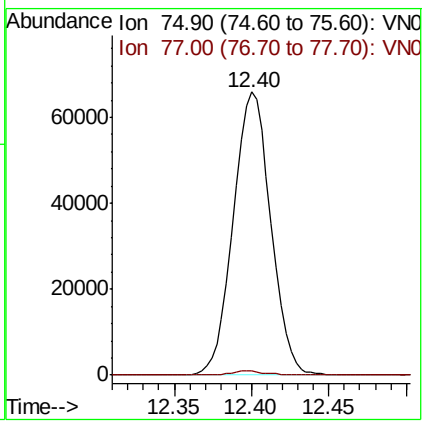


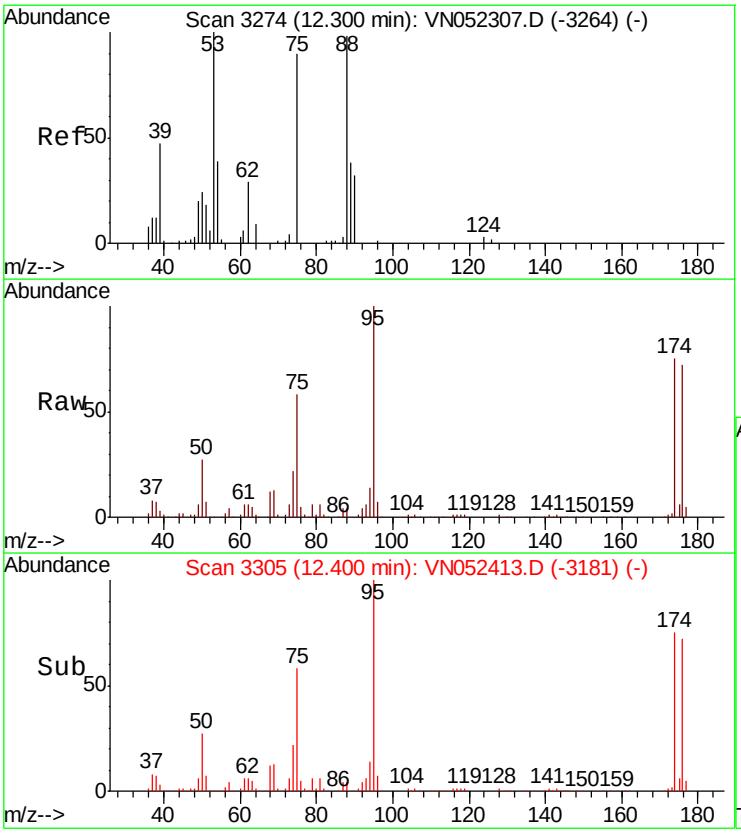
#76
1,2,3-Trichloropropane
Concen: 43.217 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 110809

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 140.170 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052413.D
Acq: 20 Nov 2018 17:45

Tgt Ion: 75 Resp: 110809

Ion	Ratio	Lower	Upper
75	100		
53	0.1	90.2	135.2#
89	0.0	35.4	53.0#