Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011619\
Data File : VN053418.D
Acq On : 16 Jan 2019 12:07
Operator : JC/SP
Sample : PB116405ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Quant Time: Jan 17 03:54:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	935341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1444427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1384829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	591206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	471160	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.92%			
35) Dibromofluoromethane	7.59	113	420937	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.12%			
50) Toluene-d8	10.09	98	1835130	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.28%			
62) 4-Bromofluorobenzene	12.40	95	627532	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.66%			
Target Compounds						Qvalue
13) Acrolein	3.62	56	159	22.901	ug/l #	58
16) Acetone	3.82	43	17032	7.852	ug/l	98
20) Methylene Chloride	4.55	84	41736	4.215	ug/l	97
25) 2-Butanone	6.84	43	893	0.267	ug/l	95
29) Tetrahydrofuran	7.21	42	464	0.213	ug/l #	59
31) Cyclohexane	7.67	56	15569	0.738	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	61407	4.668	ug/l #	48
38) Carbon Tetrachloride	7.67	117	79751	6.404	ug/l #	16
41) Methacrylonitrile	7.20	41	296	0.732	ug/l #	20
43) Isopropyl Acetate	8.16	43	39952	2.936	ug/l #	85
45) 1,2-Dichloropropane	9.27	63	2728	0.258	ug/l #	43
48) Methyl methacrylate	9.18	41	13717	1.952	ug/l #	12
49) 1,4-Dioxane	9.26	88	64	0.933	ug/l #	23
51) 4-Methyl-2-Pentanone	10.03	43	15732	2.118	ug/l #	34
54) cis-1,3-Dichloropropene	9.90	75	105656	6.951	ug/l #	62
56) Ethyl methacrylate	10.54	69	1690	2.191	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	21252	1.436	ug/l #	43
59) 2-Hexanone	10.76	43	284680	54.589	ug/l #	49
71) Bromoform	12.40	173	3955	0.563	ug/l #	1
74) N-amyl acetate	11.88	43	35240	3.053	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	294330	37.778	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	10070	0.286	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	294330	93.297	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	1561	2.947	ug/l	92
95) Naphthalene	15.14	128	2961	4.130	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.31	180	1861	4.192	ug/l	83

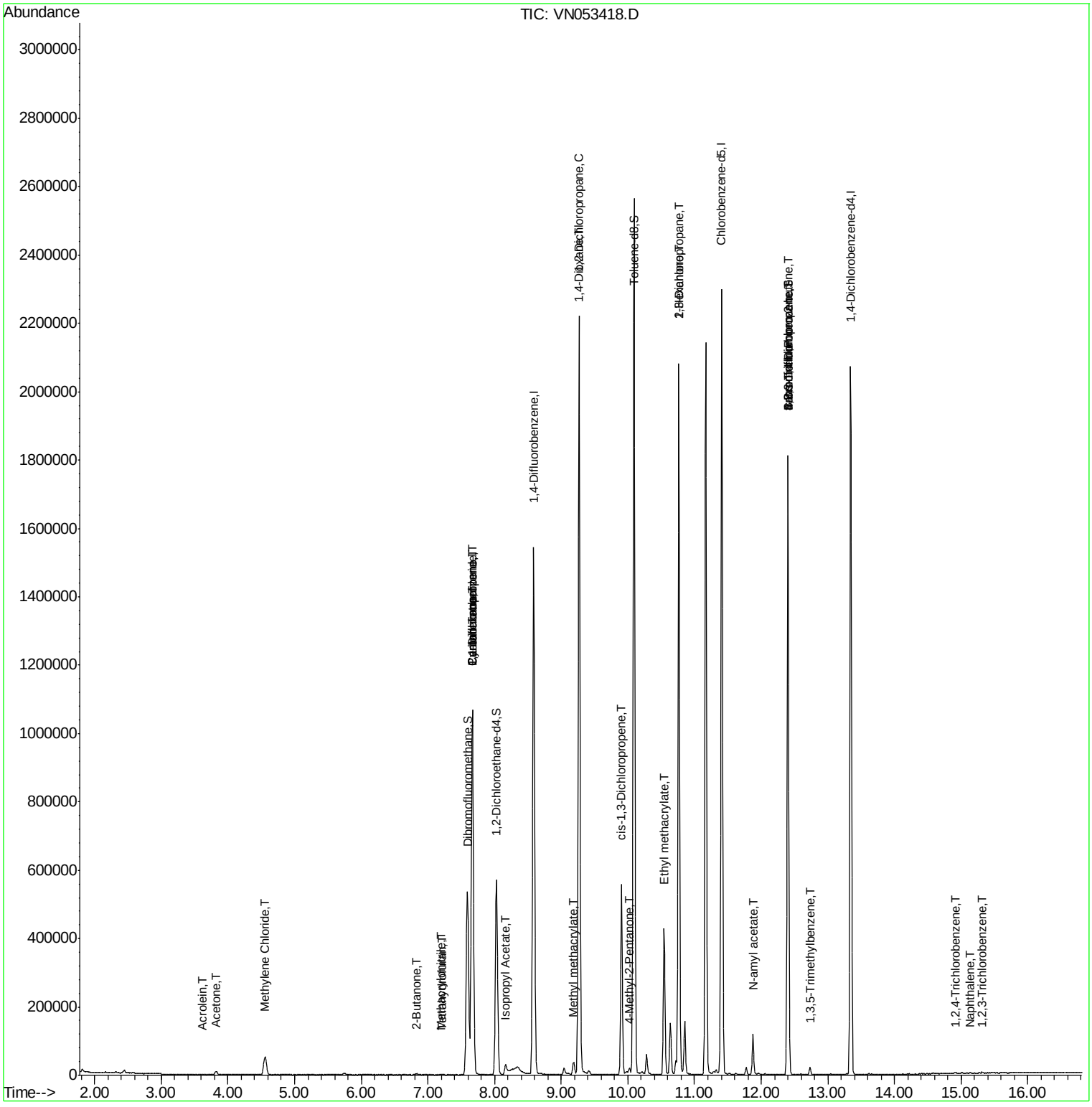
(#) = qualifier out of range (m) = manual integration (+) = signals summed

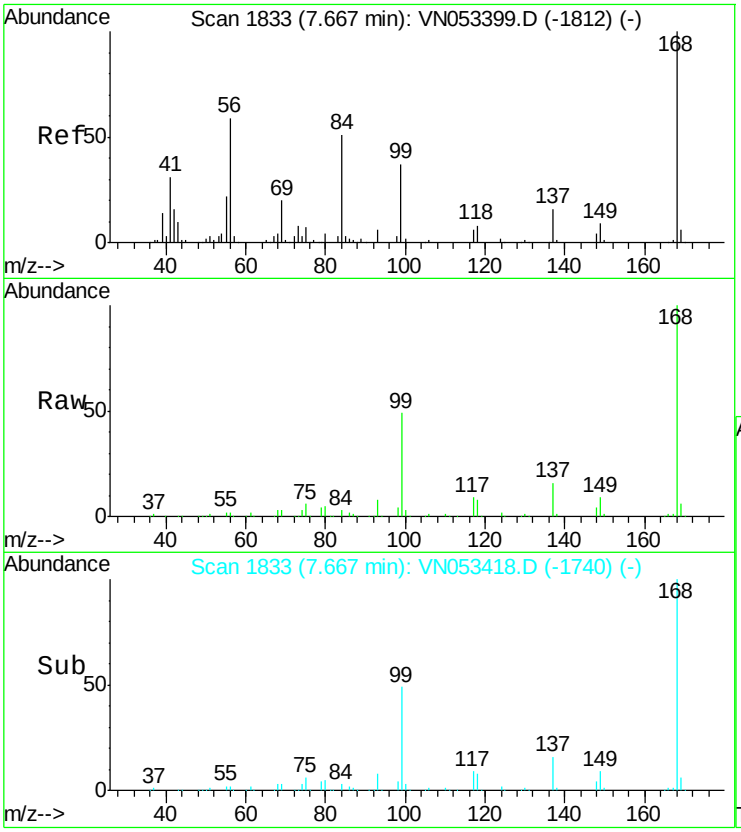
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011619\
Data File : VN053418.D
Acq On : 16 Jan 2019 12:07
Operator : JC/SP
Sample : PB116405ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Quant Time: Jan 17 03:54:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
Response via : Initial Calibration



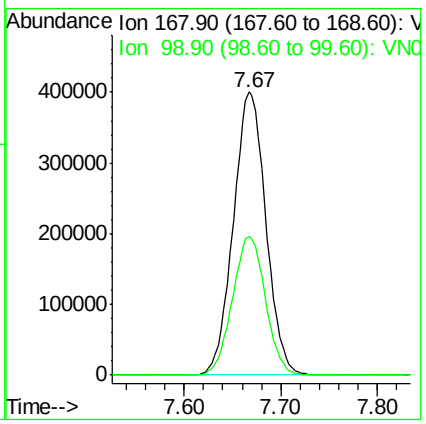


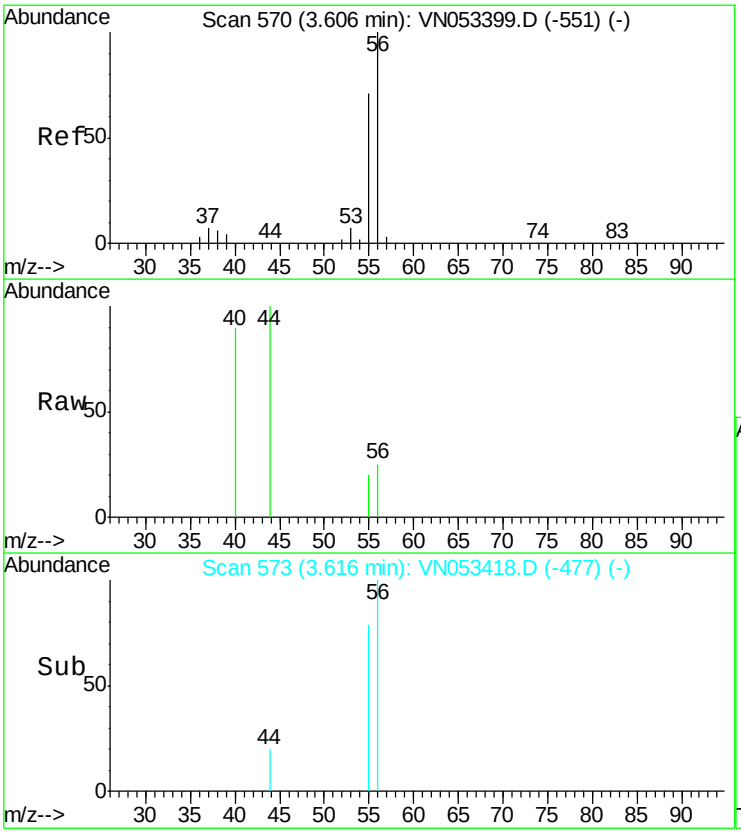
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#01

Tgt Ion:168 Resp: 935341

Ion	Ratio	Lower	Upper
168	100		
99	49.1	39.1	58.7

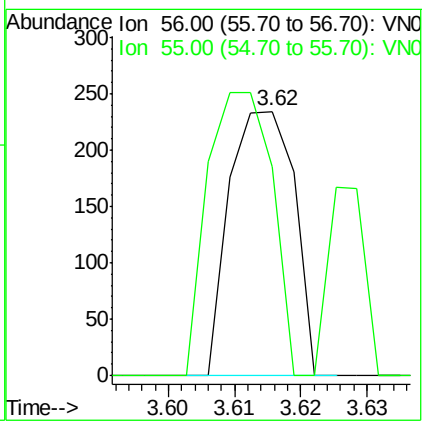


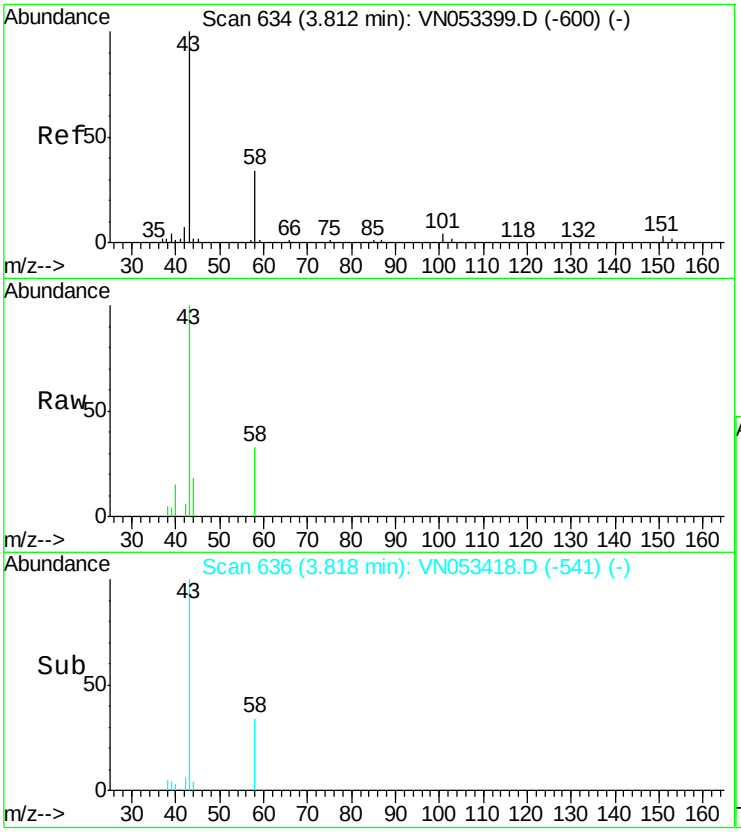


#13
Acrolein
Concen: 22.901 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion: 56 Resp: 159

Ion	Ratio	Lower	Upper
56	100		
55	106.3	57.4	86.0#



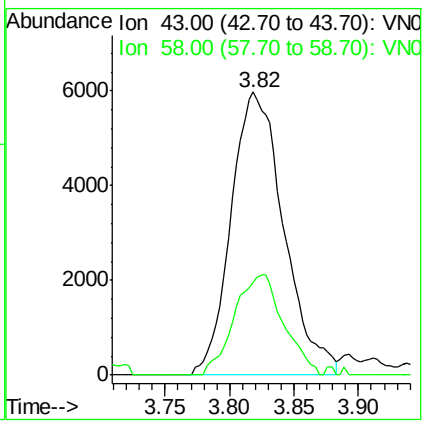


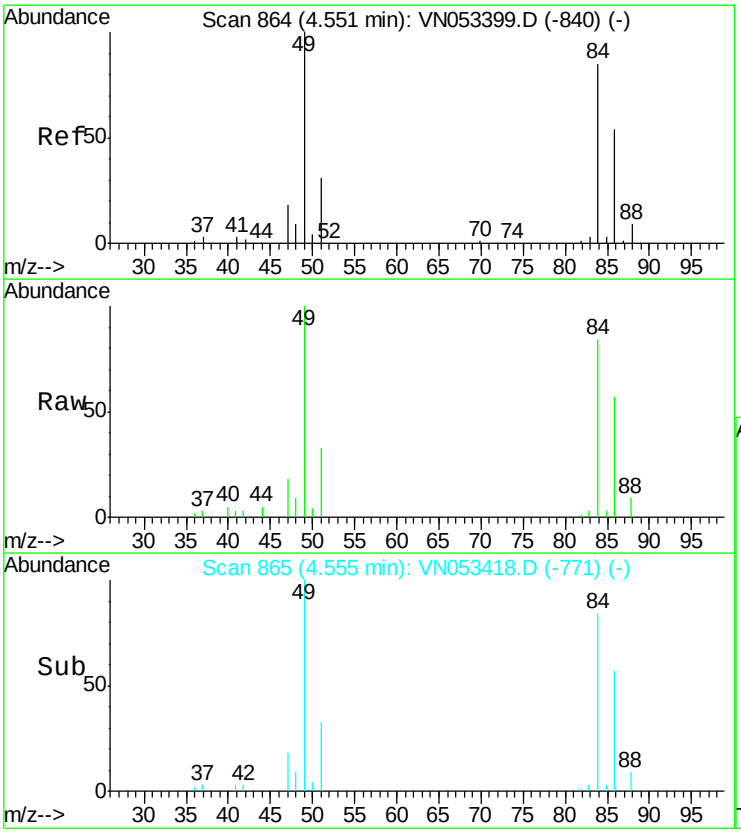
#16
Acetone
Concen: 7.852 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.01 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion: 43 Resp: 17032

Ion	Ratio	Lower	Upper
43	100		
58	32.9	27.1	40.7

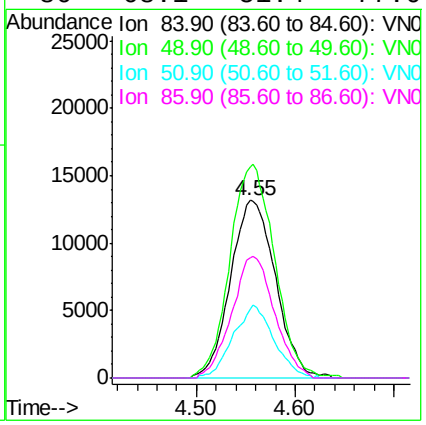


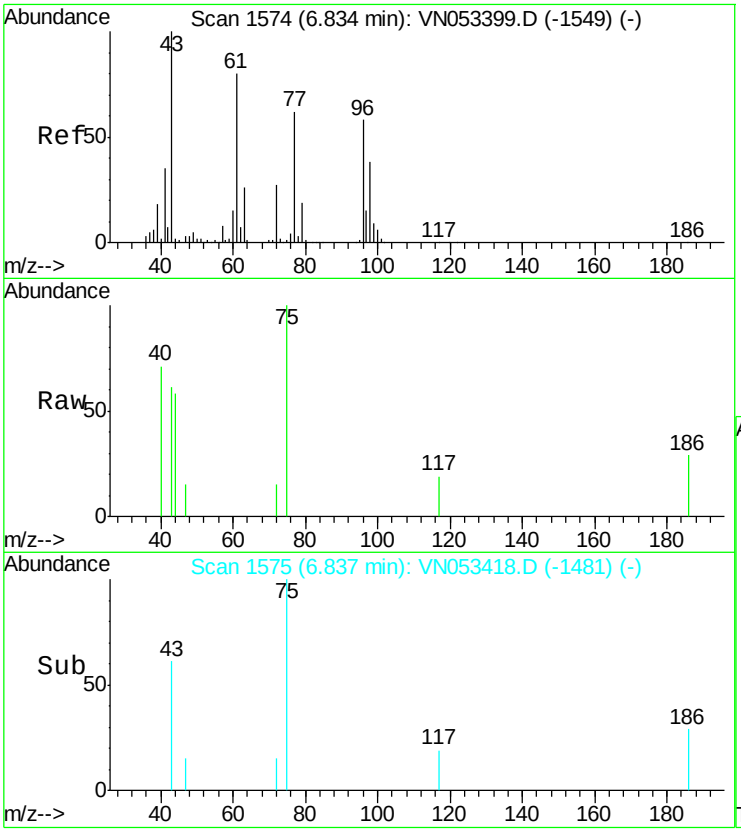


#20
Methylene Chloride
Concen: 4.215 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion: 84 Resp: 41736

Ion	Ratio	Lower	Upper
84	100		
49	118.9	94.3	141.5
51	39.0	29.4	44.2
86	68.1	51.4	77.0



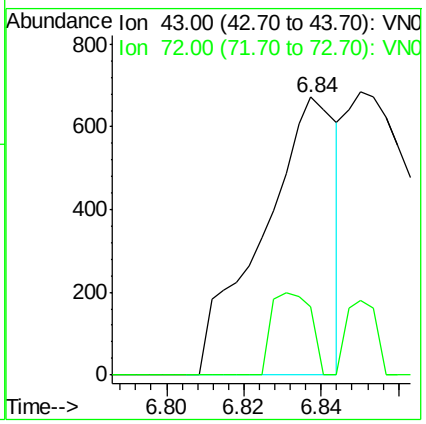


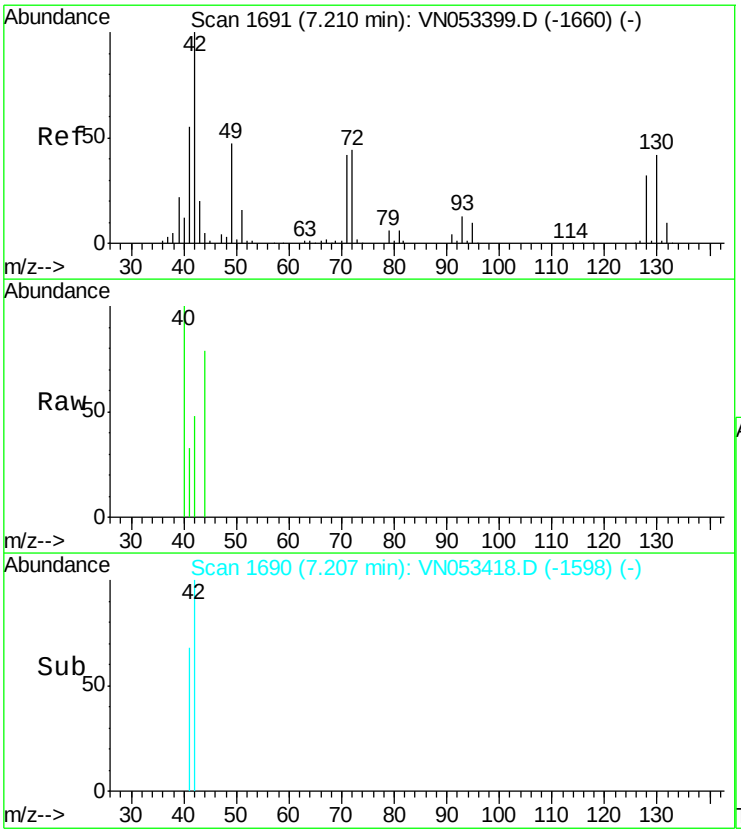
#25
2-Butanone
Concen: 0.267 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion: 43 Resp: 893

Ion	Ratio	Lower	Upper
43	100		
72	24.7	22.0	33.0

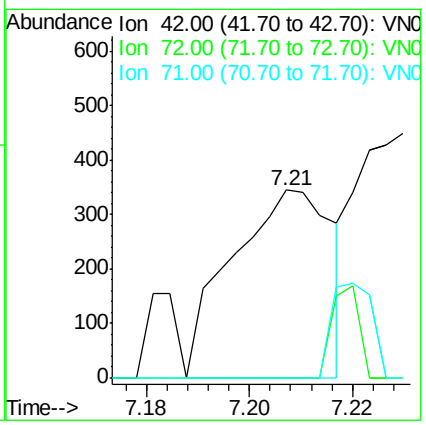


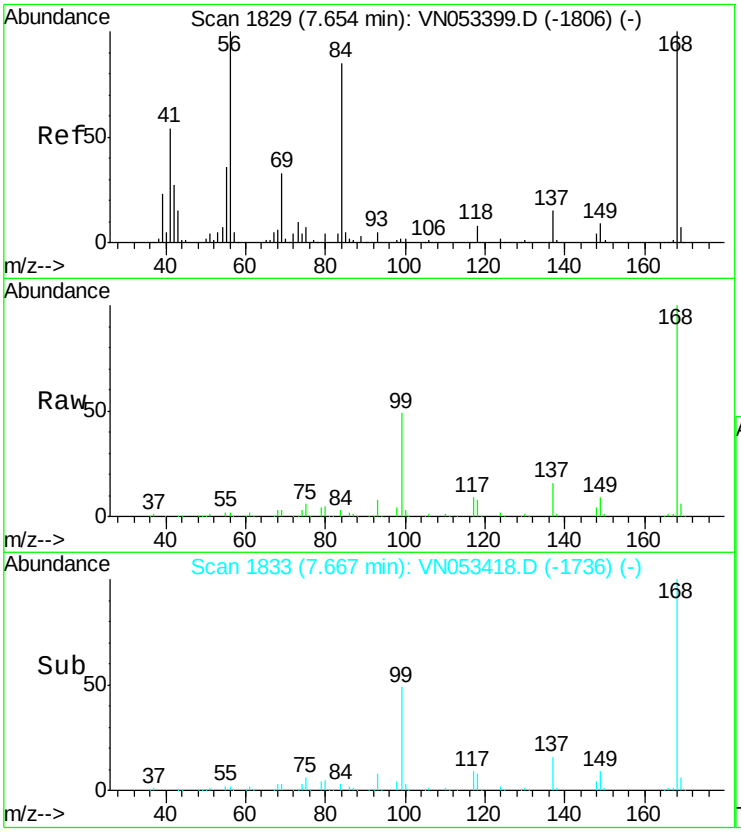


#29
Tetrahydrofuran
Concen: 0.213 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion: 42 Resp: 464

Ion	Ratio	Lower	Upper
42	100		
72	13.1	35.2	52.8#
71	20.5	33.0	49.4#



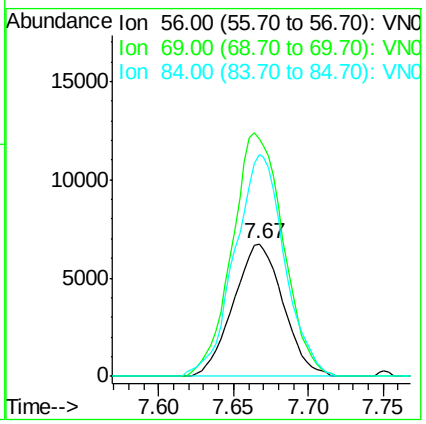


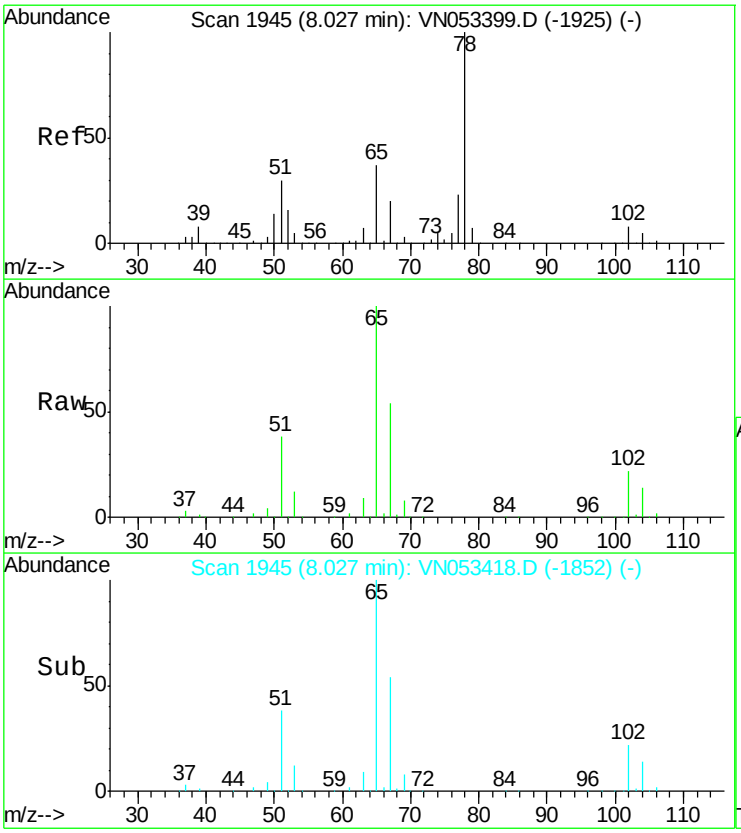
#31
Cyclohexane
Concen: 0.738 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion: 56 Resp: 15569

Ion	Ratio	Lower	Upper
56	100		
69	178.8	26.4	39.6#
84	166.8	67.9	101.9#

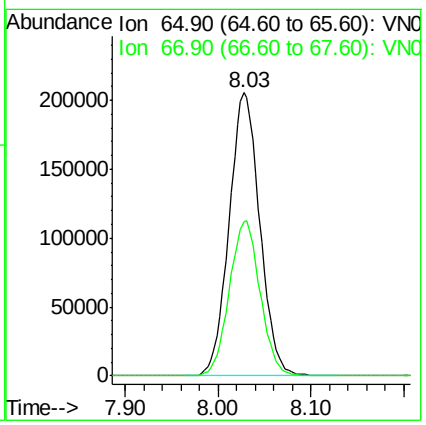


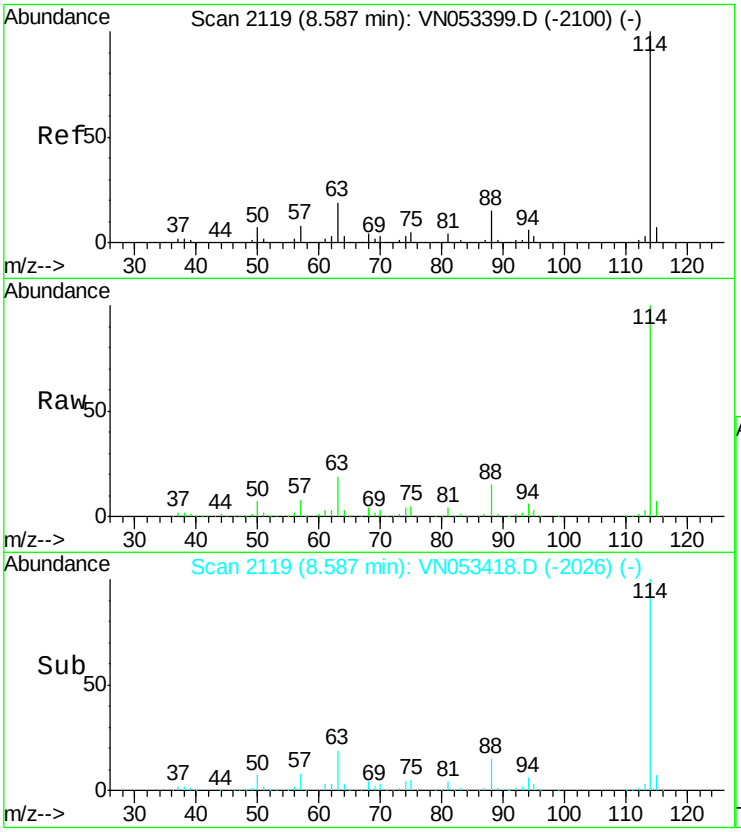


#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion: 65 Resp: 471160

Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	111.2



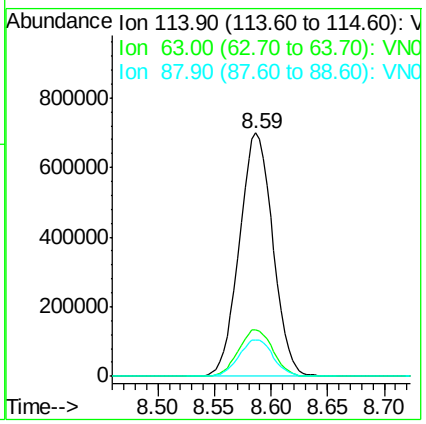


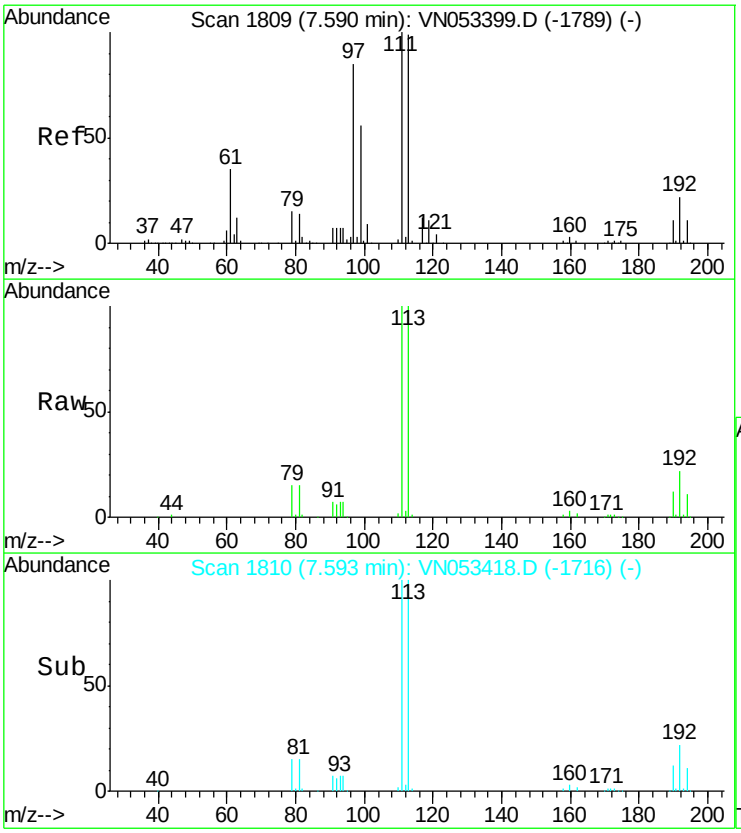
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#01

Tgt Ion:114 Resp: 1444427

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	15.1	0.0	30.4

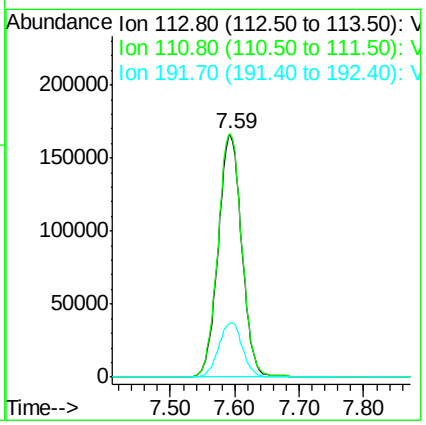


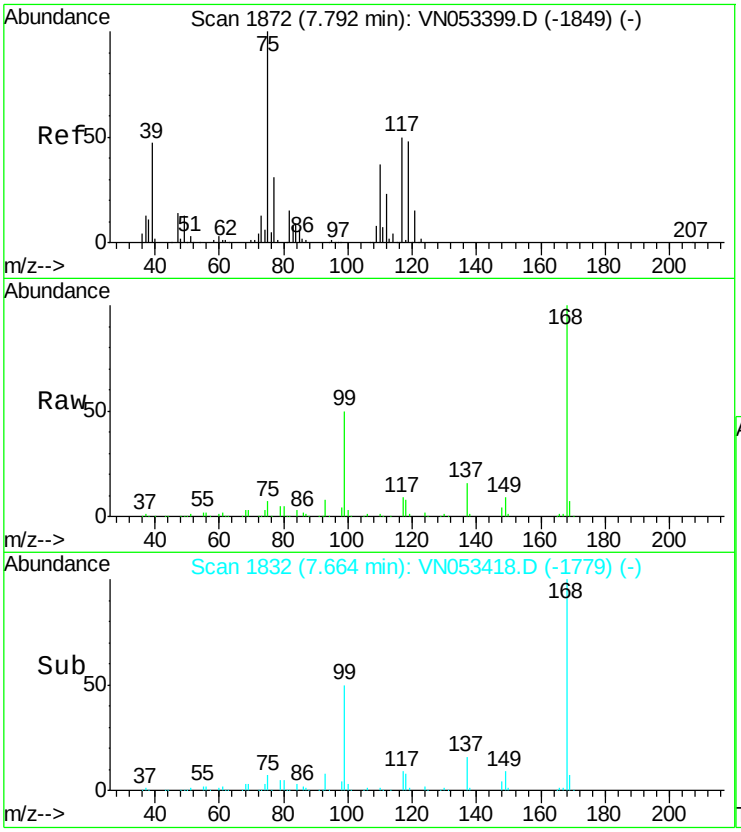


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion:113 Resp: 420937

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	22.5	18.2	27.2



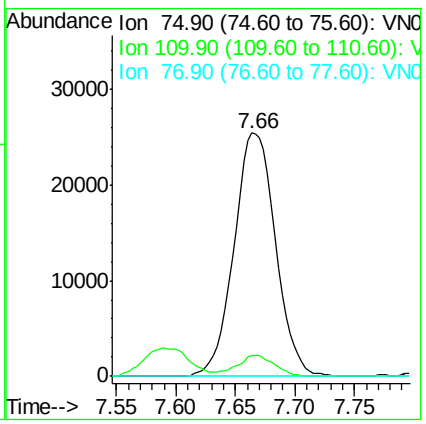


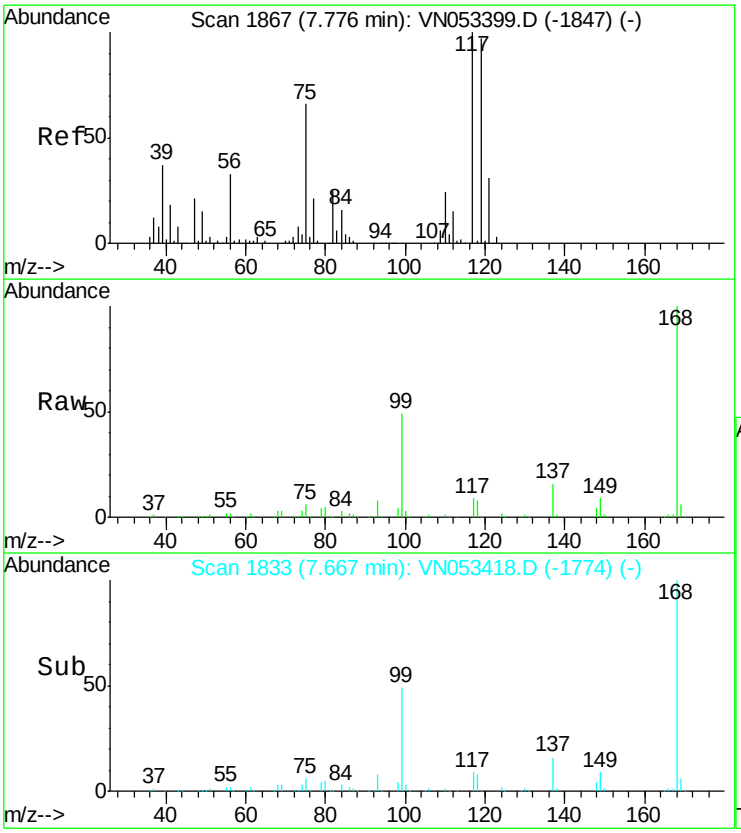
#36
1,1-Dichloropropene
Concen: 4.668 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#01

Tgt Ion: 75 Resp: 61407

Ion	Ratio	Lower	Upper
75	100		
110	7.7	18.1	54.3#
77	0.0	25.1	37.7#

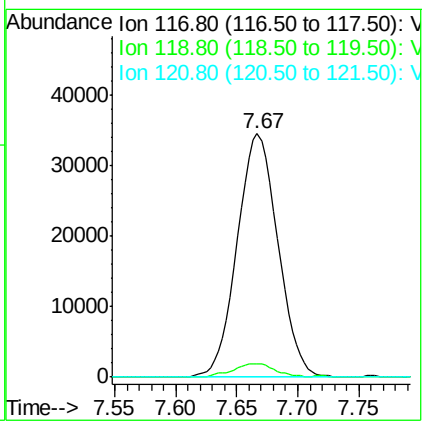


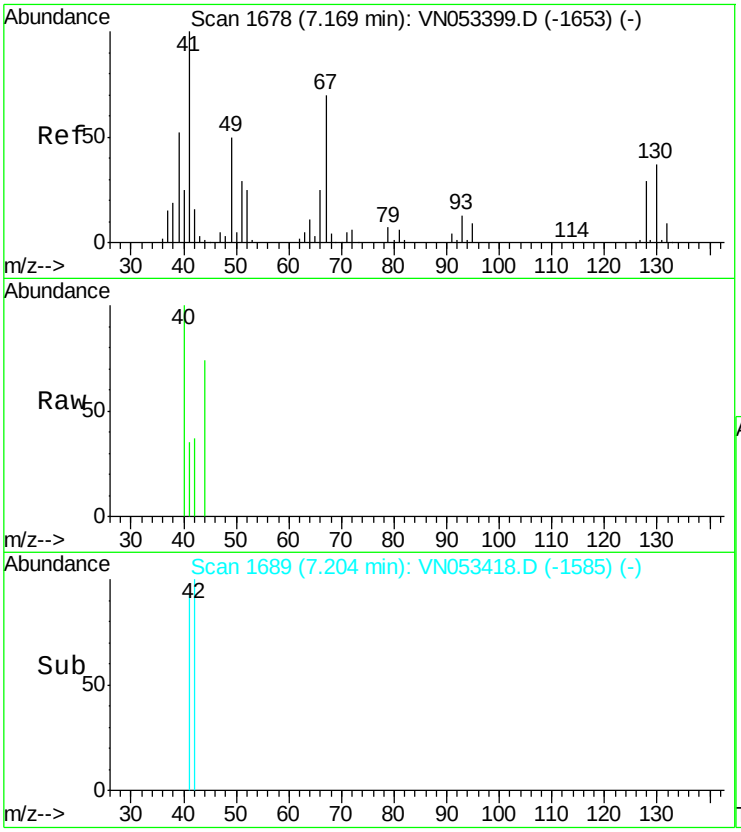


#38
Carbon Tetrachloride
Concen: 6.404 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion:117 Resp: 79751

Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.2	115.8#
121	0.0	24.6	37.0#



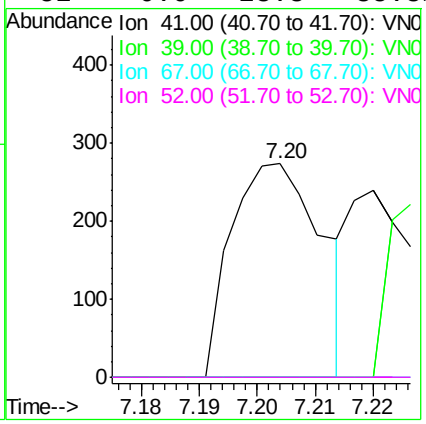


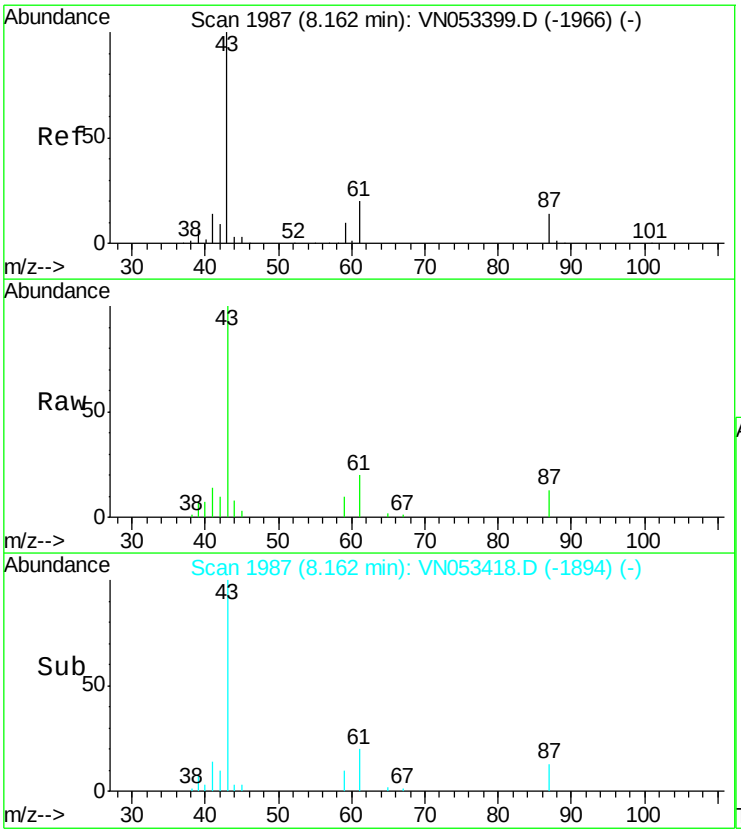
#41
Methacrylonitrile
Concen: 0.732 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.04 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion: 41 Resp: 296

Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.8	70.2#
67	0.0	63.0	94.6#
52	0.0	23.8	35.8#

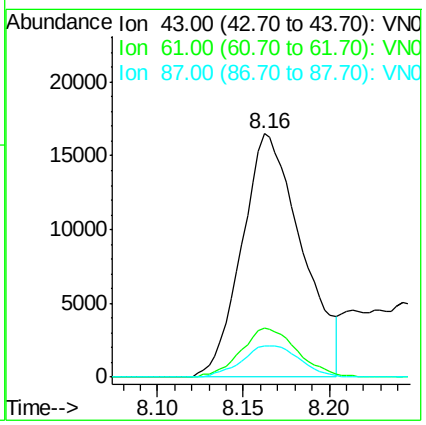


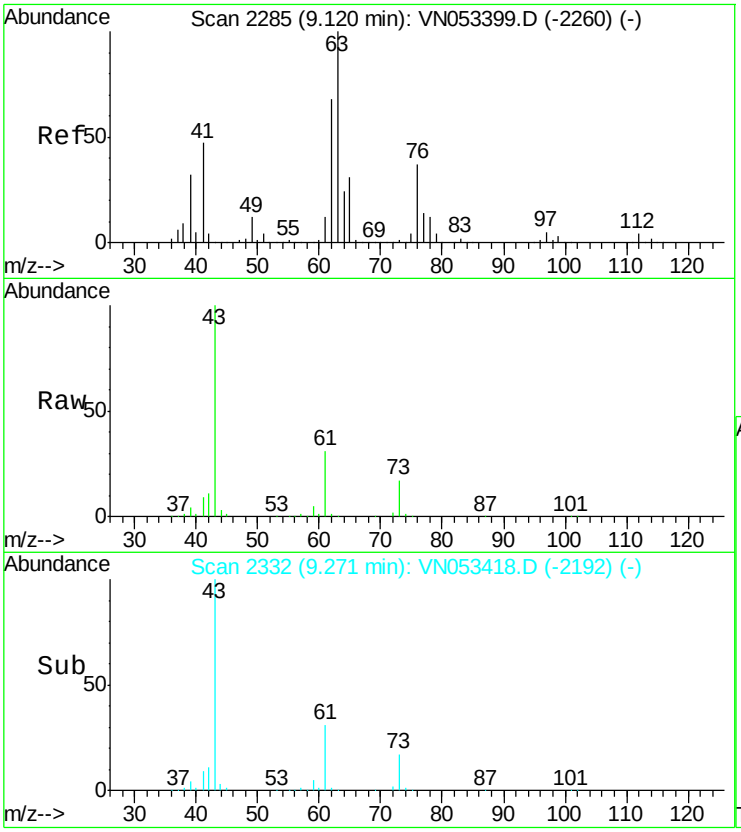


#43
Isopropyl Acetate
Concen: 2.936 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion: 43 Resp: 39952

Ion	Ratio	Lower	Upper
43	100		
61	18.9	23.9	35.9#
87	12.4	11.0	16.6



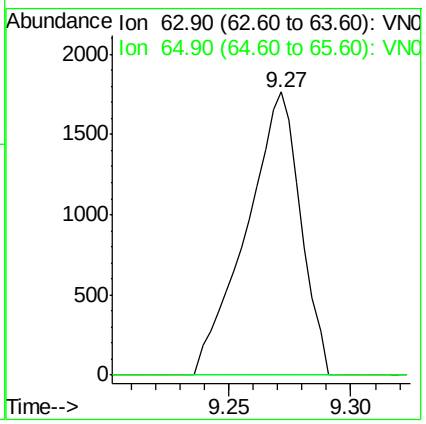


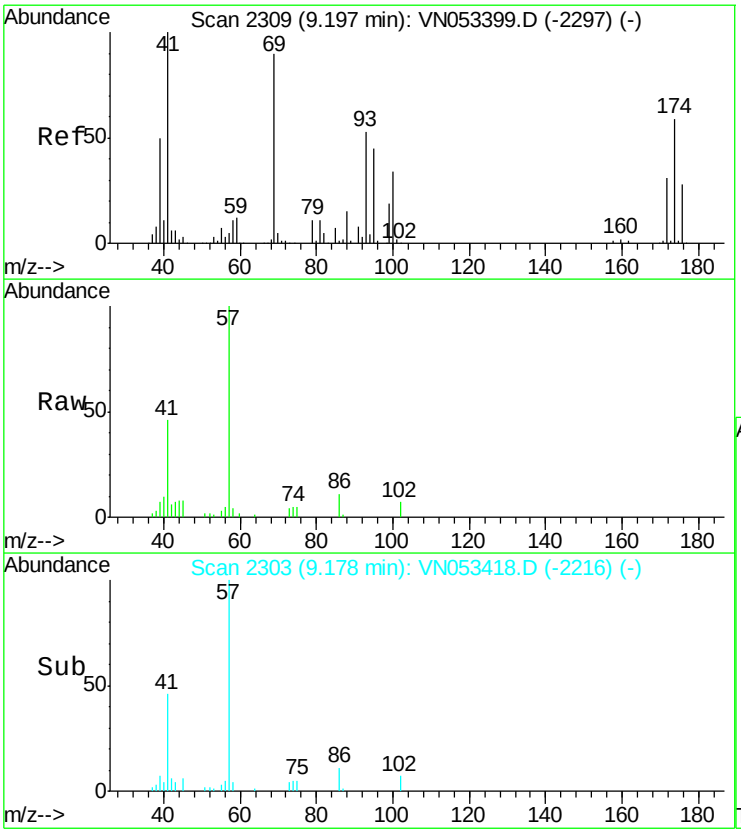
#45
1,2-Dichloropropane
Concen: 0.258 ug/l
RT: 9.27 min Scan# 2332
Delta R.T. 0.15 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion: 63 Resp: 2728

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.4#

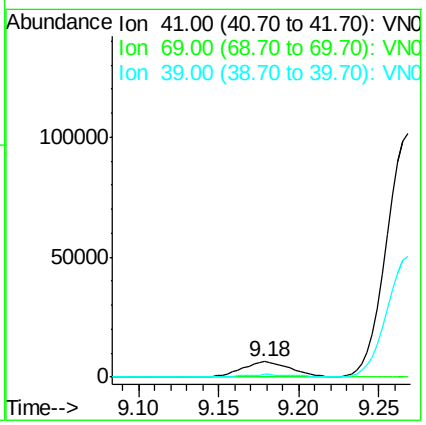


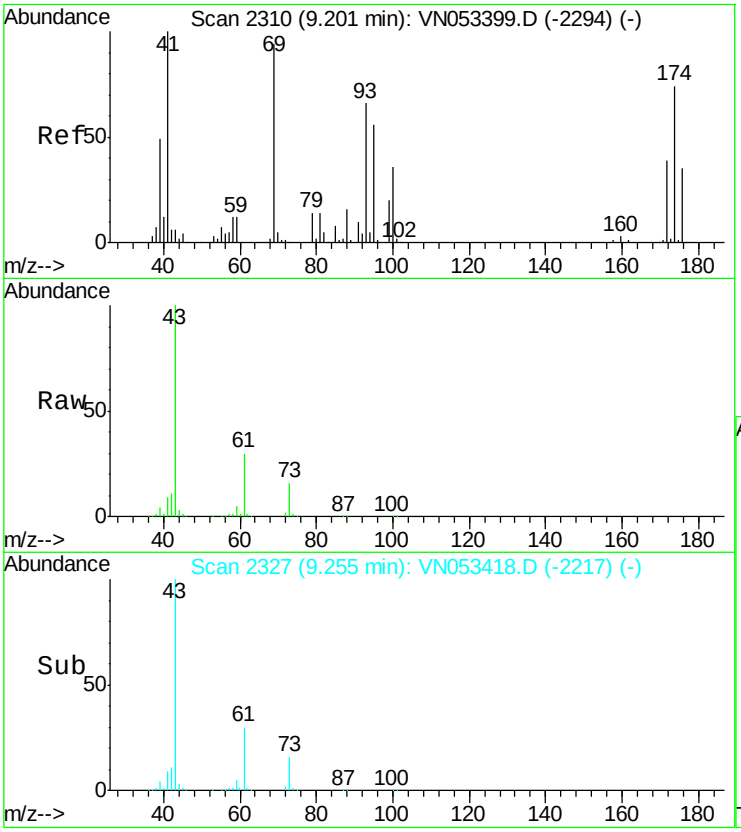


#48
Methyl methacrylate
Concen: 1.952 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion: 41 Resp: 13717

Ion	Ratio	Lower	Upper
41	100		
69	0.0	73.8	110.6#
39	0.0	40.0	60.0#



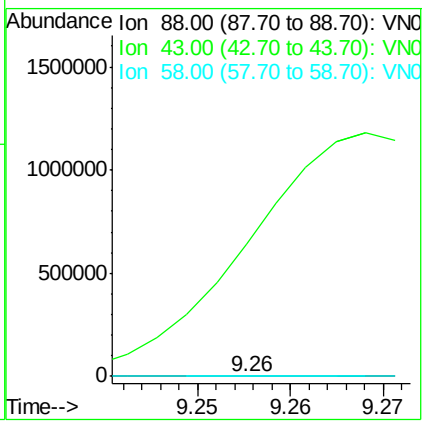


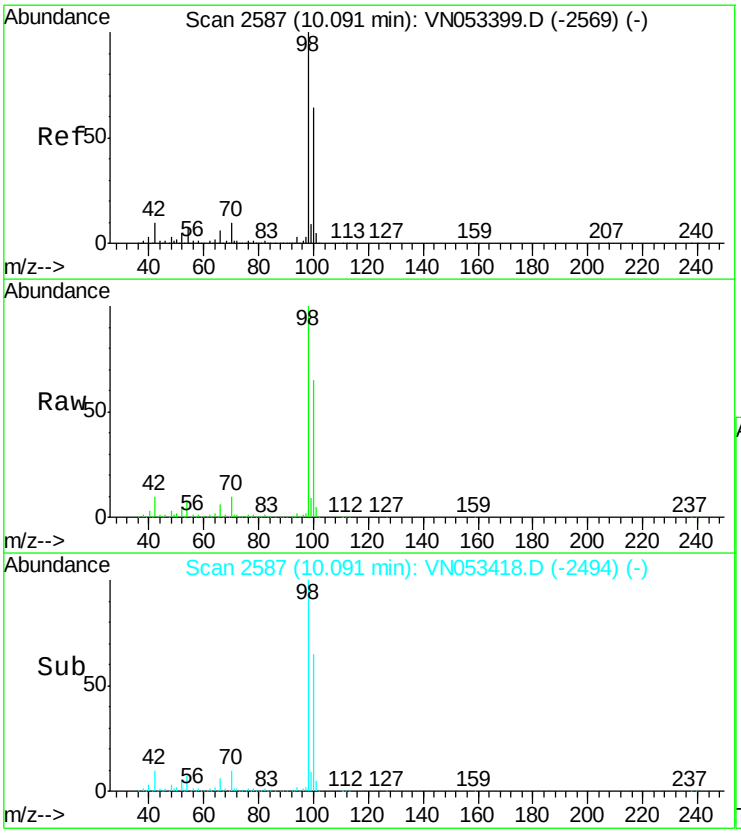
#49
1,4-Dioxane
Concen: 0.933 ug/l
RT: 9.26 min Scan# 2327
Delta R.T. 0.05 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#01

Tgt Ion: 88 Resp: 64

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.8	41.6#
58	0.0	56.5	84.7#

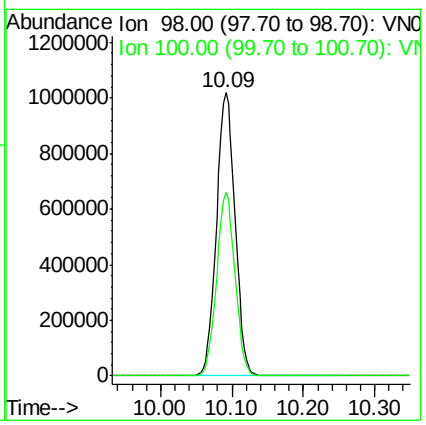


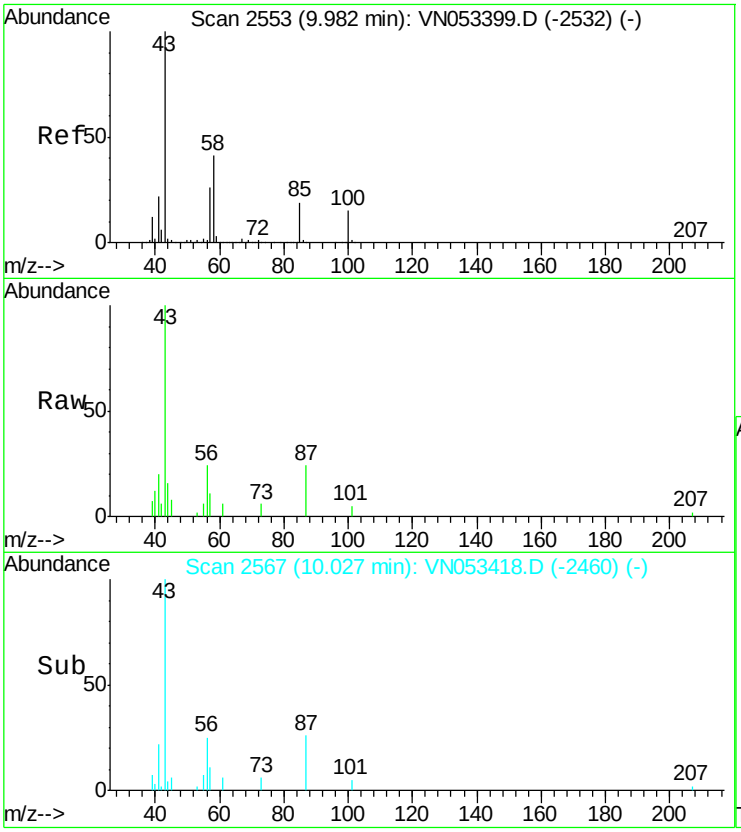


#50
Toluene-d8
Concen: 0.933 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion: 98 Resp: 1835130

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.4	77.0



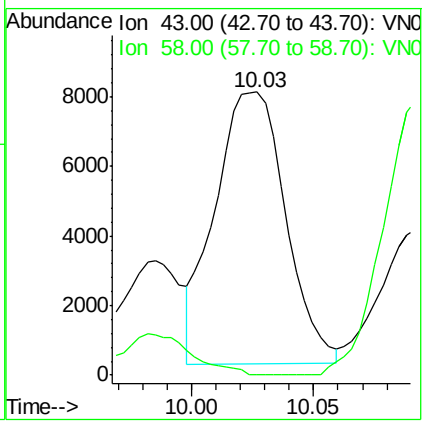


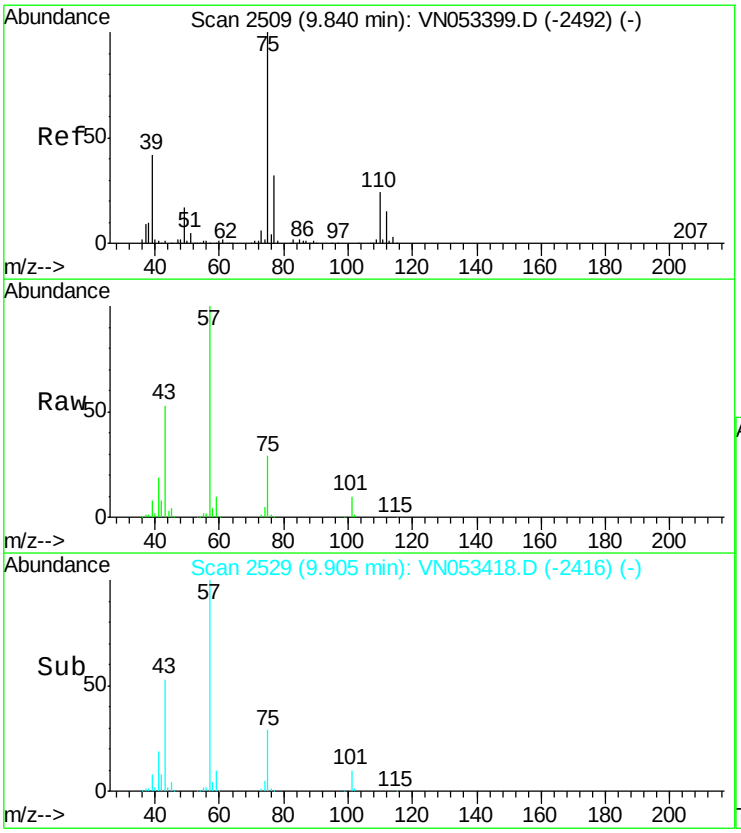
#51
4-Methyl-2-Pentanone
Concen: 2.118 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion: 43 Resp: 15732

Ion	Ratio	Lower	Upper
43	100		
58	0.0	32.8	49.2#

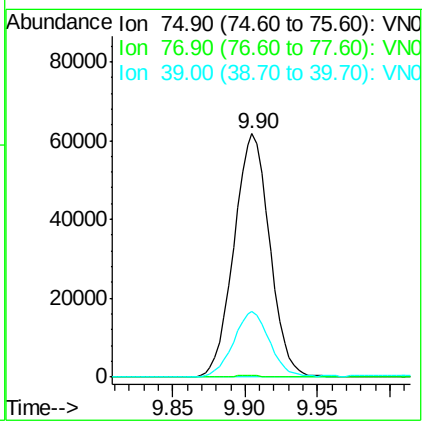


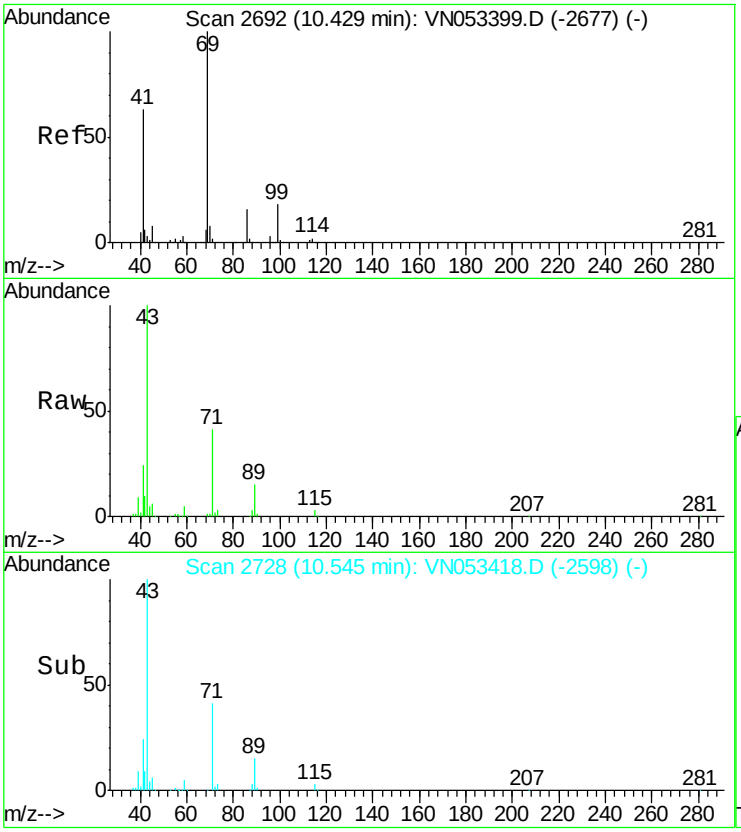


#54
cis-1,3-Dichloropropene
Concen: 6.951 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion: 75 Resp: 105656

Ion	Ratio	Lower	Upper
75	100		
77	0.8	25.8	38.6#
39	26.9	33.4	50.0#



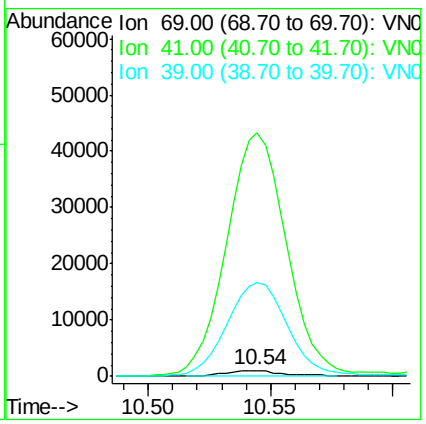


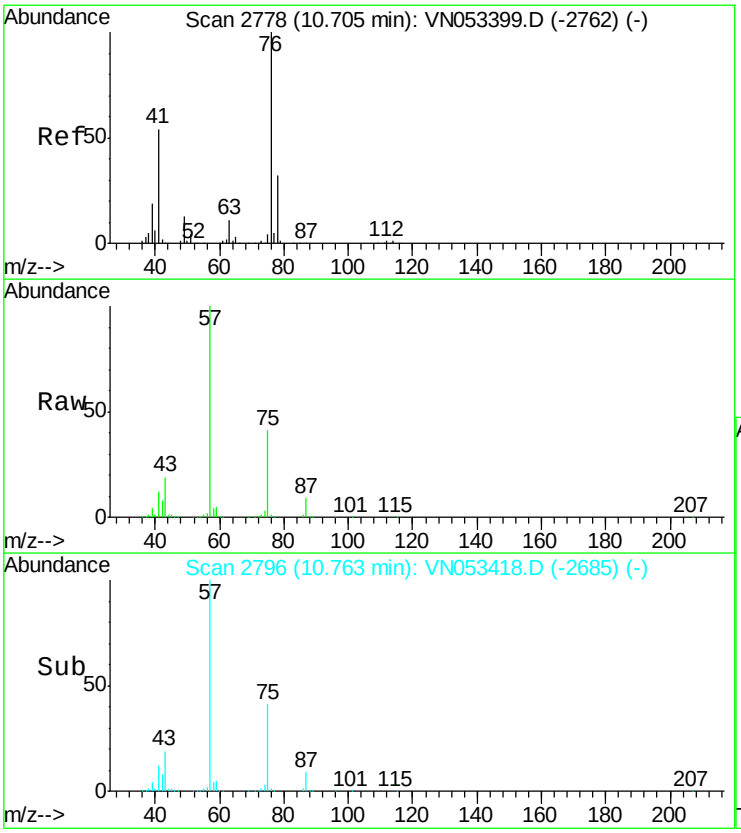
#56
Ethyl methacrylate
Concen: 2.191 ug/l
RT: 10.54 min Scan# 2728
Delta R.T. 0.12 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion: 69 Resp: 1690

Ion	Ratio	Lower	Upper
69	100		
41	4373.1	49.4	74.0#
39	1709.8	23.3	34.9#

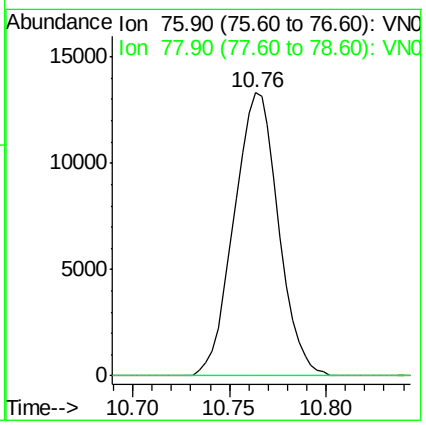


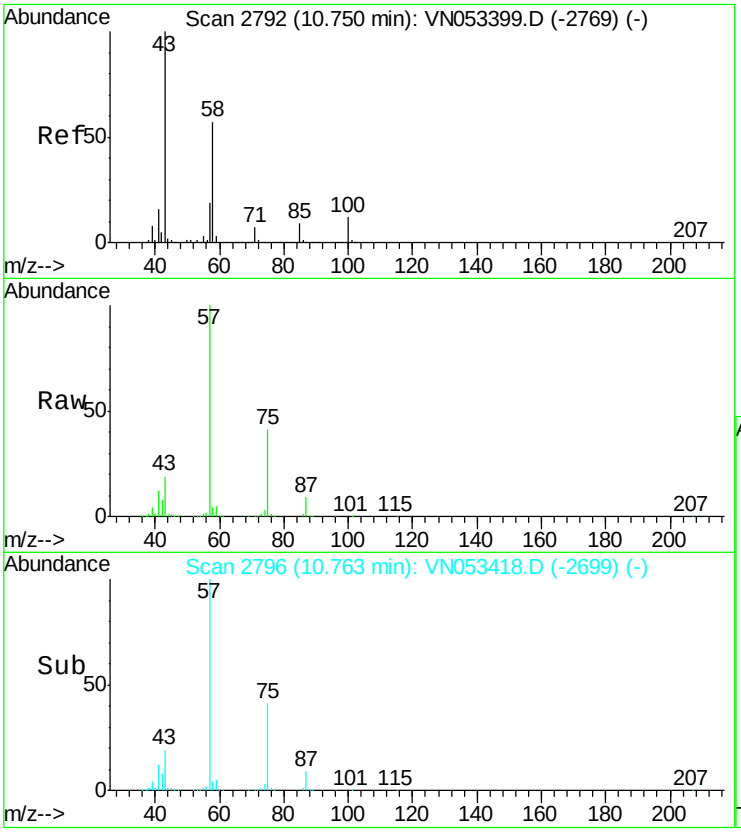


#57
1,3-Dichloropropane
Concen: 1.436 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion: 76 Resp: 21252

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



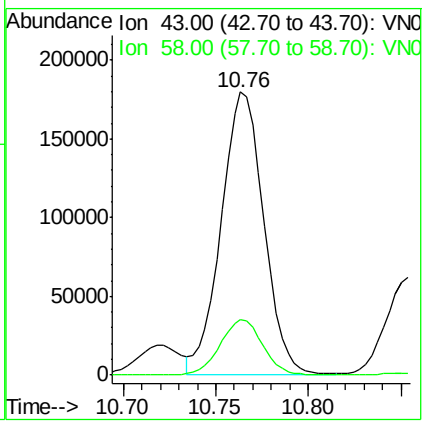


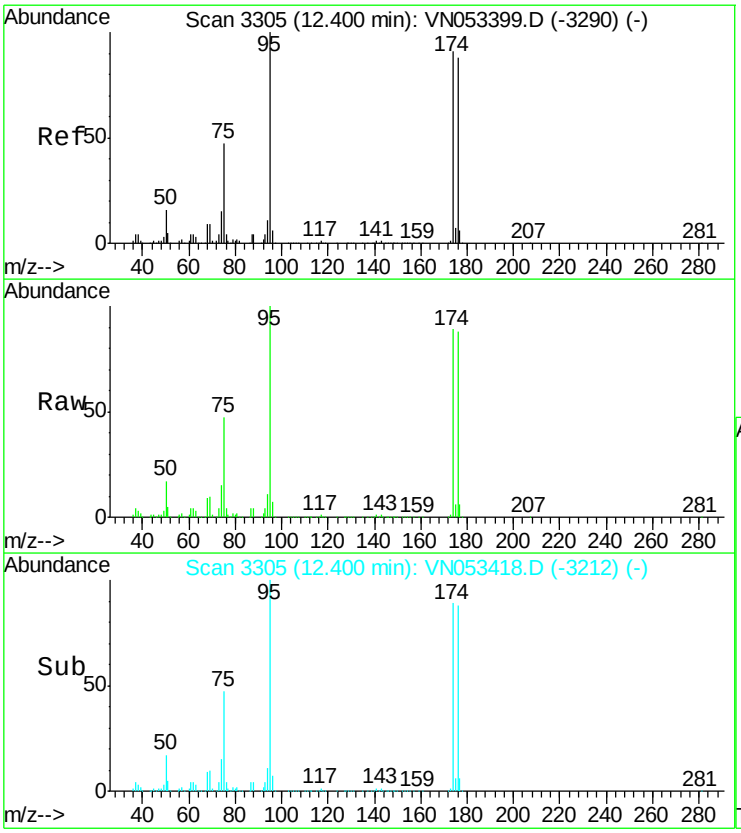
#59
2-Hexanone
Concen: 54.589 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion: 43 Resp: 284680

Ion	Ratio	Lower	Upper
43	100		
58	19.8	28.6	85.8#

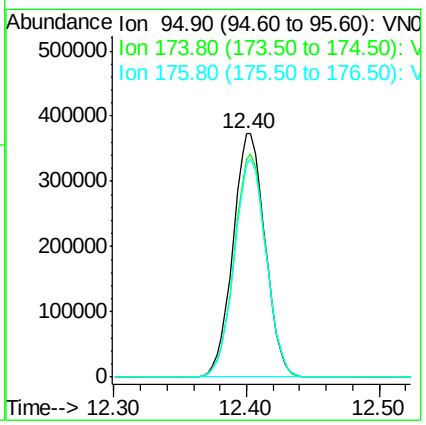


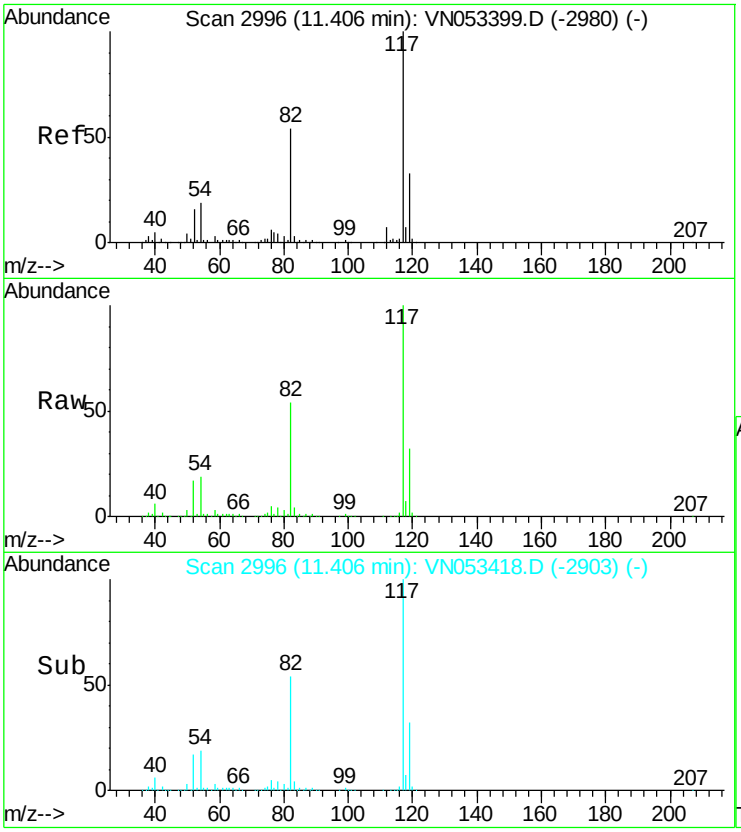


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion: 95 Resp: 627532

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	183.2
176	88.7	0.0	177.4



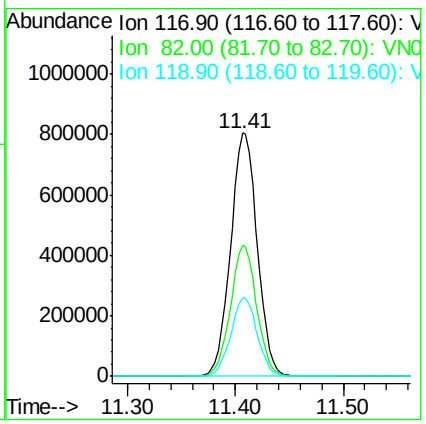


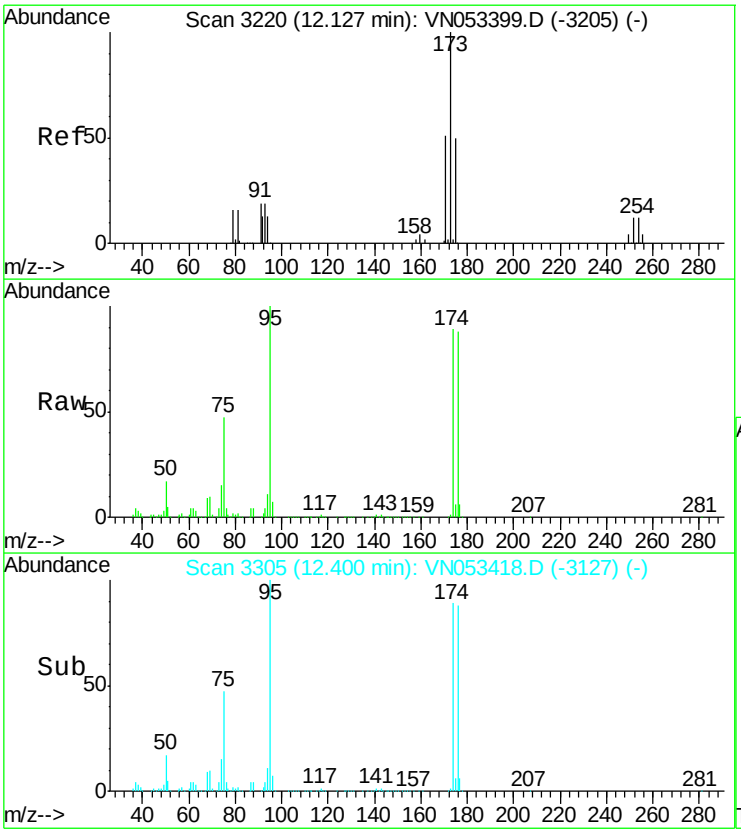
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion:117 Resp: 1384829

Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.9	64.3
119	32.0	26.0	39.0

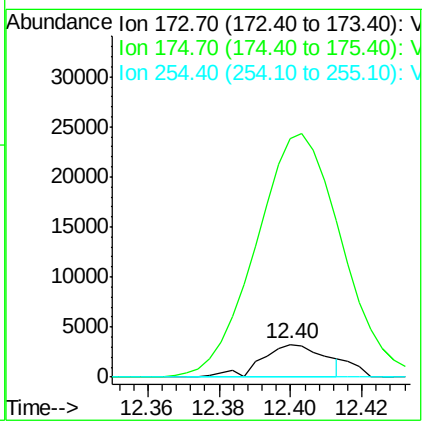


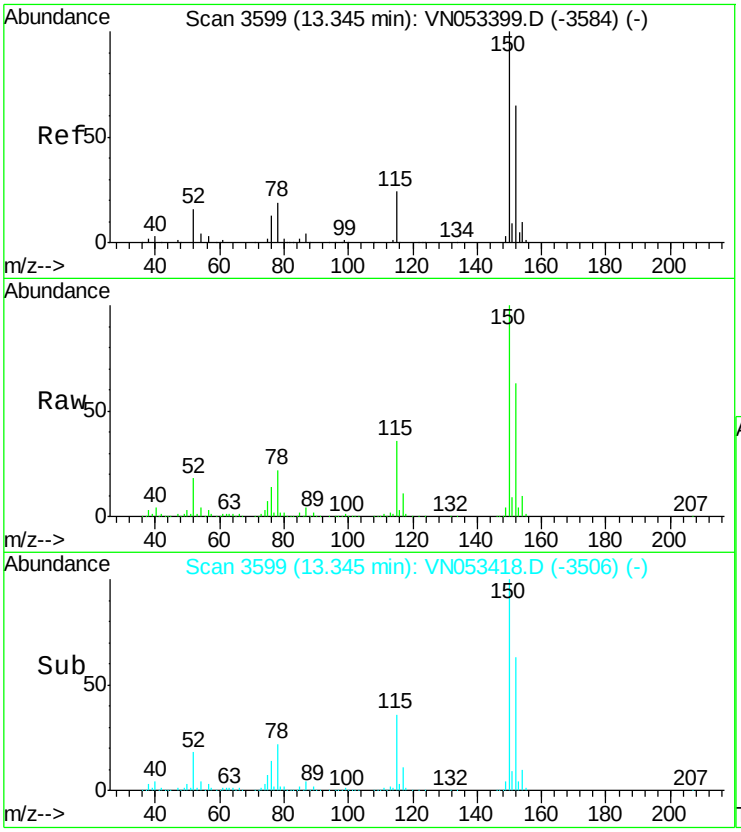


#71
Bromoform
Concen: 0.563 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion:173 Resp: 3955

Ion	Ratio	Lower	Upper
173	100		
175	876.6	24.6	74.0#
254	0.0	0.2	0.2#



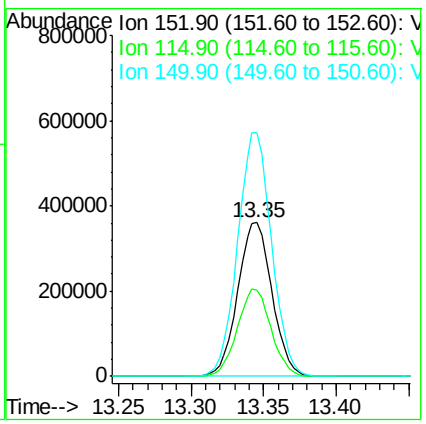


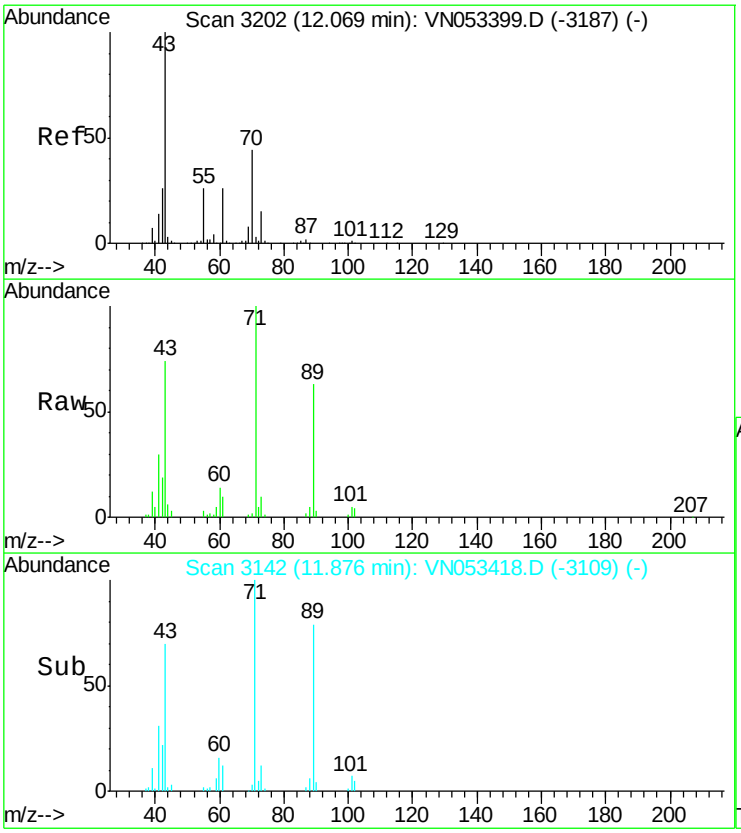
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion:152 Resp: 591206

Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.8	83.4
150	157.2	0.0	349.0

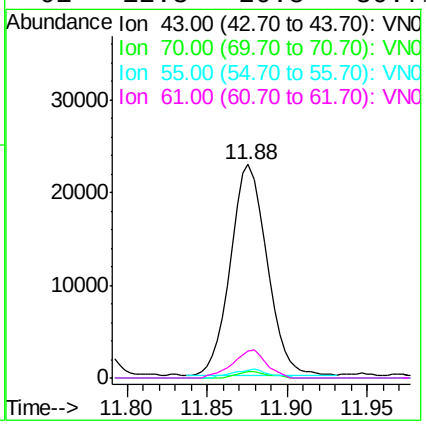


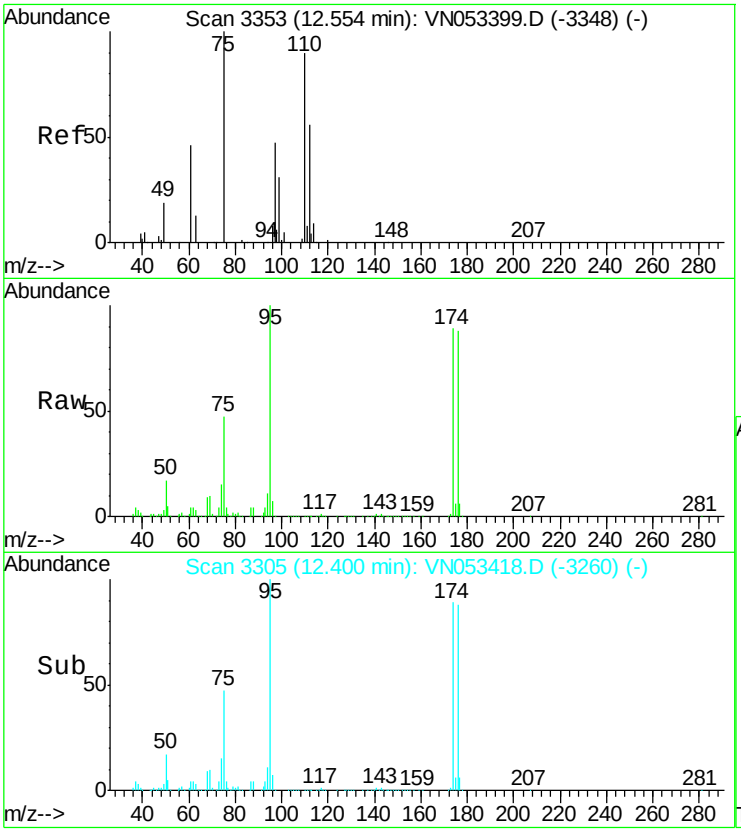


#74
N-amyl acetate
Concen: 3.053 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion: 43 Resp: 35240

Ion	Ratio	Lower	Upper
43	100		
70	2.5	35.4	53.2#
55	4.2	20.9	31.3#
61	12.3	20.5	30.7#



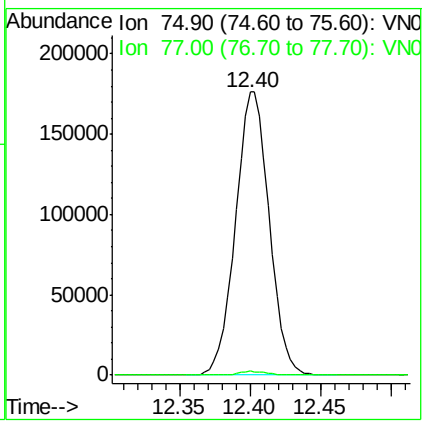


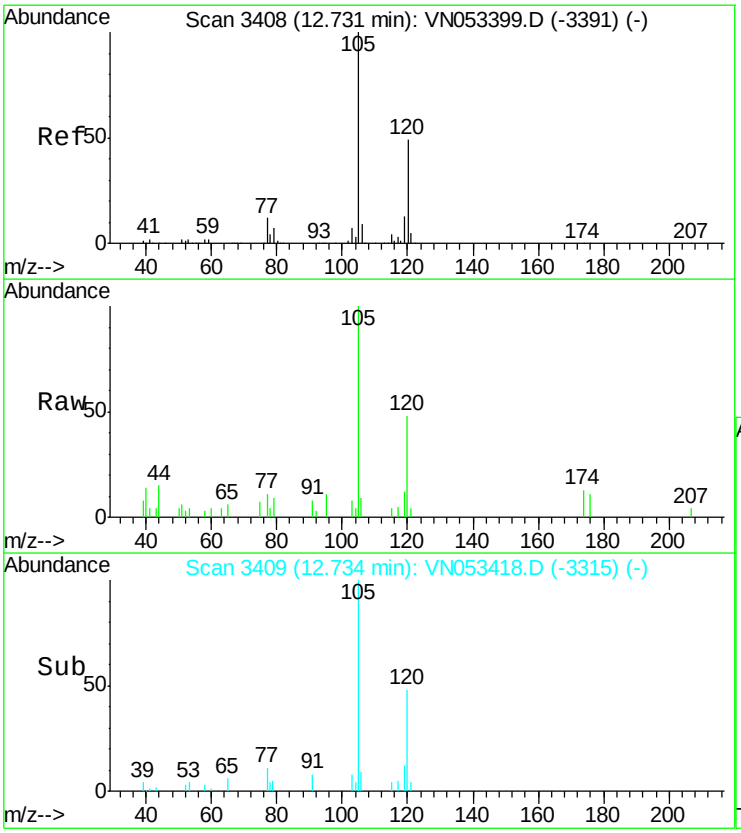
#76
1,2,3-Trichloropropane
Concen: 37.778 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument :
MSVOA_N
ClientSampleId :
PB116405ZHE#01

Tgt Ion: 75 Resp: 294330

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

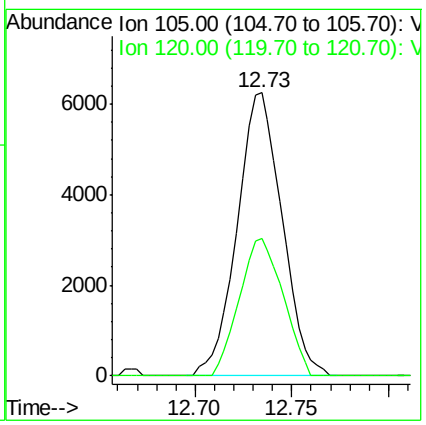


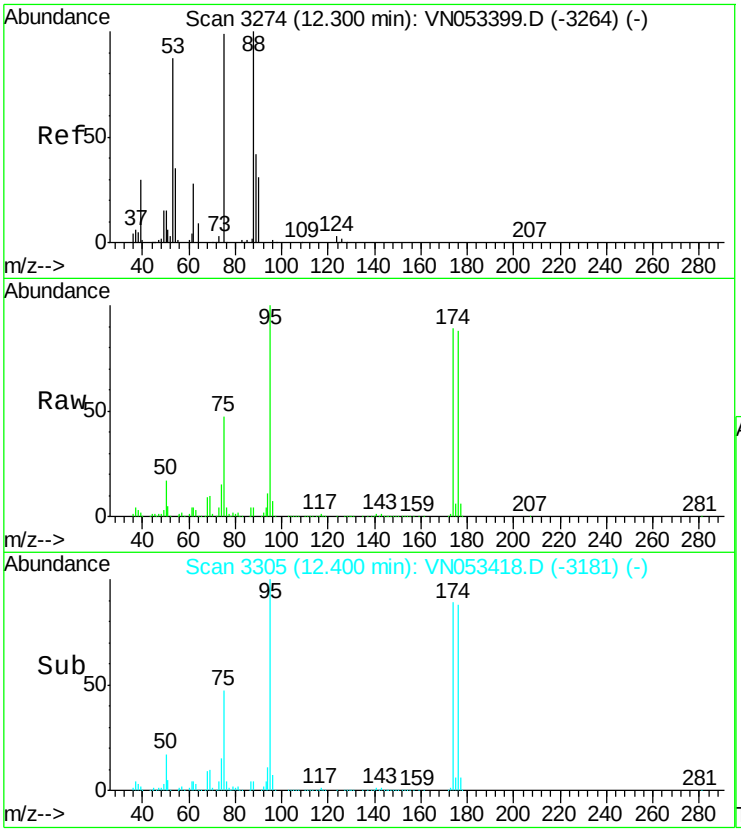


#80
1,3,5-Trimethylbenzene
Concen: 0.286 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion:105 Resp: 10070

Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.9	74.6



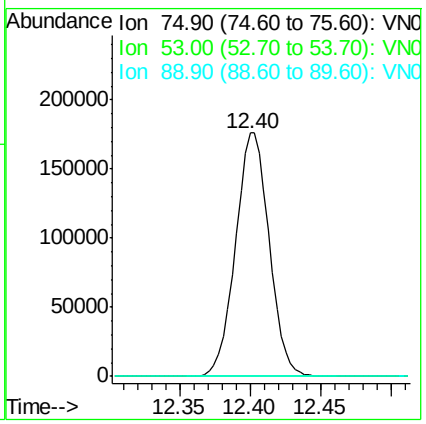


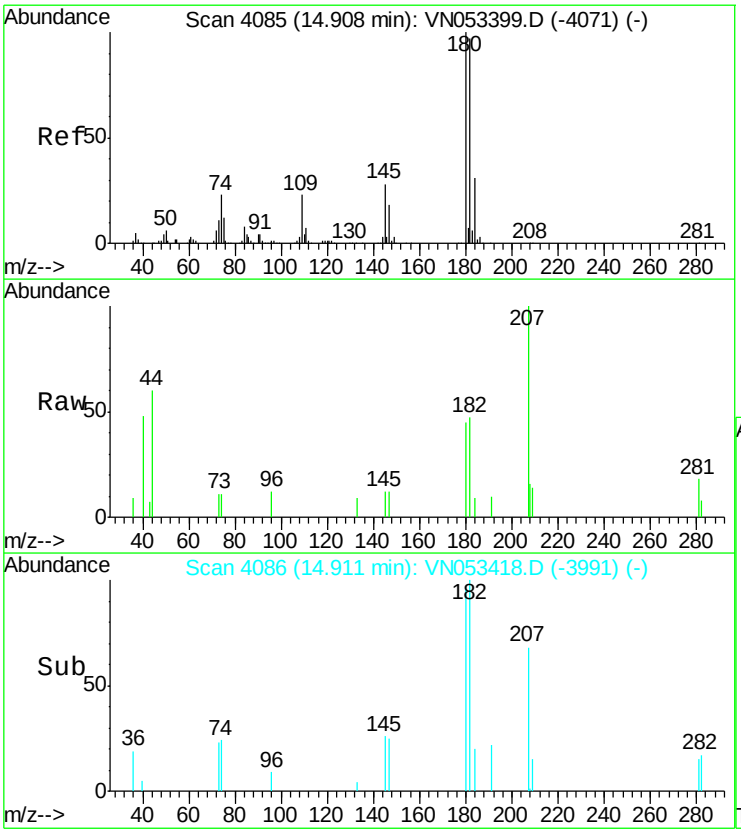
#81
trans-1,4-Dichloro-2-butene
Concen: 93.297 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion: 75 Resp: 294330

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.6#
89	0.0	35.6	53.4#

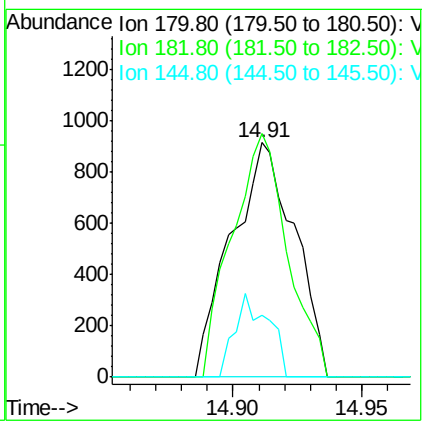


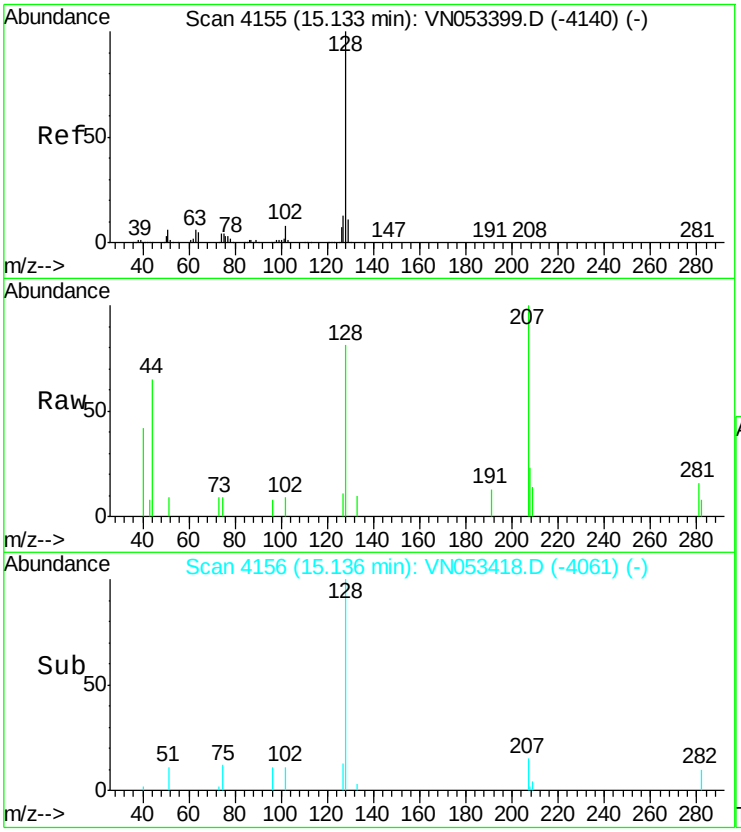


#93
1,2,4-Trichlorobenzene
Concen: 2.947 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion:180 Resp: 1561

Ion	Ratio	Lower	Upper
180	100		
182	91.2	48.1	144.3
145	18.8	13.9	41.6



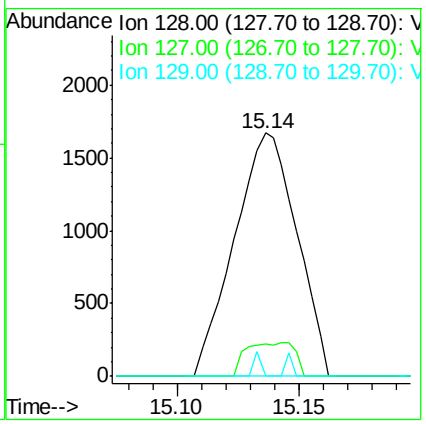


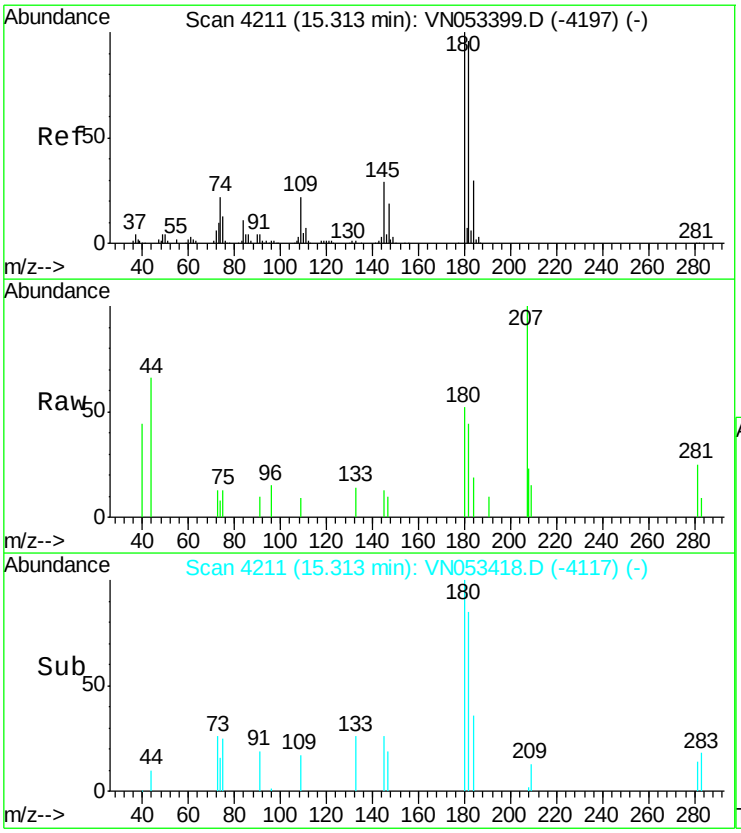
#95
Naphthalene
Concen: 4.130 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Instrument : MSVOA_N
ClientSampleId : PB116405ZHE#01

Tgt Ion:128 Resp: 2961

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	1.1	8.6	13.0#





#96
1,2,3-Trichlorobenzene
Concen: 4.192 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053418.D
Acq: 16 Jan 2019 12:07

Tgt Ion:180 Resp: 1861

Ion	Ratio	Lower	Upper
180	100		
182	77.6	47.9	143.8
145	22.1	14.7	44.1