Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
Data File : VN052606.D
Acq On : 30 Nov 2018 14:54
Operator : MD\SY
Sample : PB115186ZHE#04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB115186ZHE#04

Quant Time: Dec 01 01:01:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1200101	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1843243	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1623408	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	588686	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	632601	48.41	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.82%				
35) Dibromofluoromethane	7.59	113	573280	50.45	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.90%				
50) Toluene-d8	10.09	98	2254541	50.97	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.94%				
62) 4-Bromofluorobenzene	12.40	95	702434	47.26	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.52%				
Target Compounds							Qvalue
13) Acrolein	3.61	56	335	33.728	ug/l	#	50
16) Acetone	3.82	43	23273	6.753	ug/l		98
20) Methylene Chloride	4.56	84	18310	1.358	ug/l		98
25) 2-Butanone	6.85	43	3459	0.708	ug/l		99
29) Tetrahydrofuran	7.21	42	986	0.313	ug/l	#	91
31) Cyclohexane	7.66	56	21030	0.574	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	83727	4.810	ug/l	#	49
38) Carbon Tetrachloride	7.67	117	105694	6.708	ug/l	#	16
43) Isopropyl Acetate	8.17	43	61024	3.395	ug/l	#	81
48) Methyl methacrylate	9.18	41	16574	1.768	ug/l	#	13
49) 1,4-Dioxane	9.26	88	232	2.385	ug/l	#	24
51) 4-Methyl-2-Pentanone	10.03	43	20968	2.079	ug/l	#	36
54) cis-1,3-Dichloropropene	9.90	75	141806	7.410	ug/l	#	61
56) Ethyl methacrylate	10.55	69	1803	2.806	ug/l	#	1
57) 1,3-Dichloropropane	10.77	76	26397	1.379	ug/l	#	43
59) 2-Hexanone	10.77	43	366649	54.162	ug/l	#	51
71) Bromoform	12.41	173	4261	0.553	ug/l	#	1
74) N-amyl acetate	11.88	43	44288	3.796	ug/l	#	53
76) 1,2,3-Trichloropropane	12.40	75	336171	37.032	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	32027	0.869	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.40	75	336171	123.669	ug/l	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	295	2.856	ug/l	#	45
95) Naphthalene	15.15	128	1141	3.476	ug/l	#	69
96) 1,2,3-Trichlorobenzene	15.32	180	370	2.763	ug/l	#	60

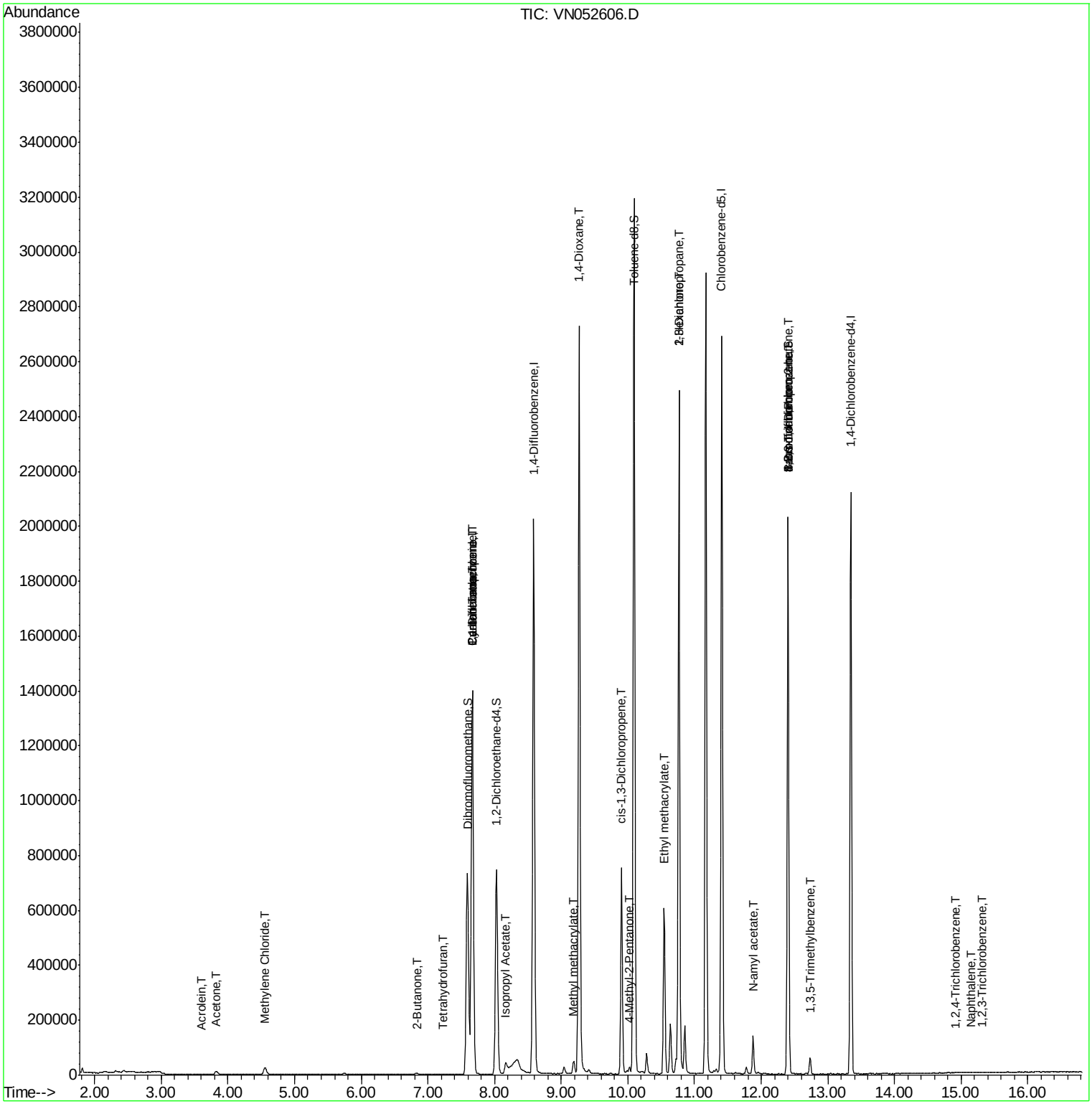
(#) = qualifier out of range (m) = manual integration (+) = signals summed

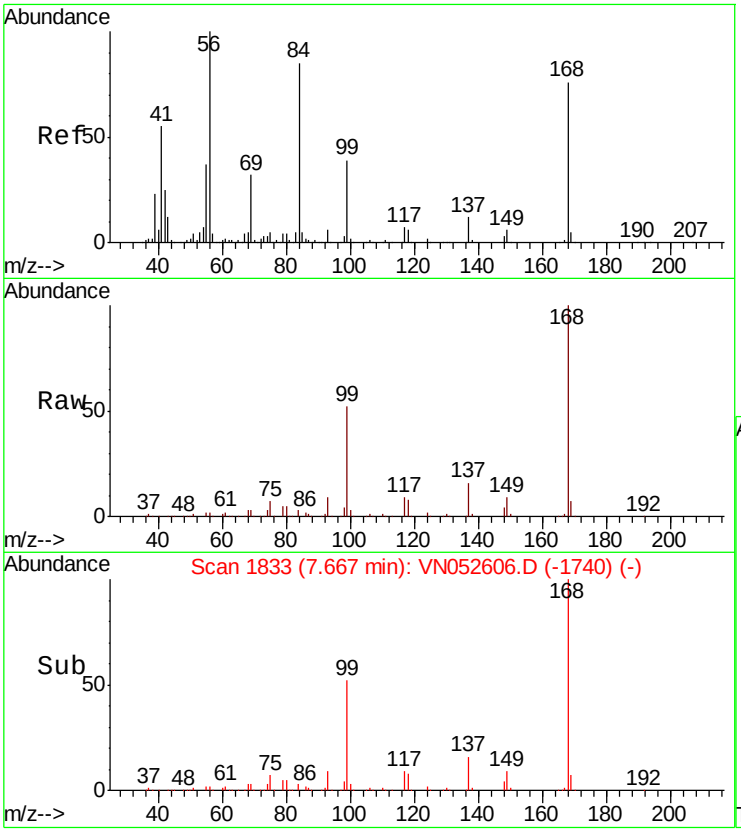
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
Data File : VN052606.D
Acq On : 30 Nov 2018 14:54
Operator : MD\SY
Sample : PB115186ZHE#04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#04

Quant Time: Dec 01 01:01:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 2018
Response via : Initial Calibration



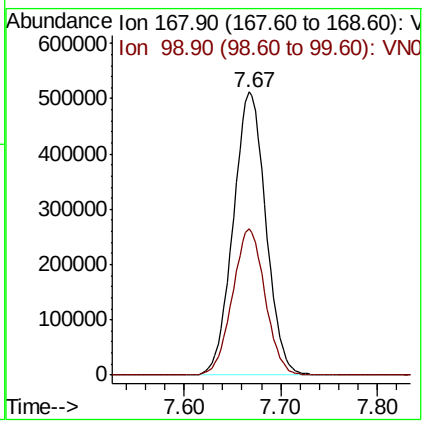


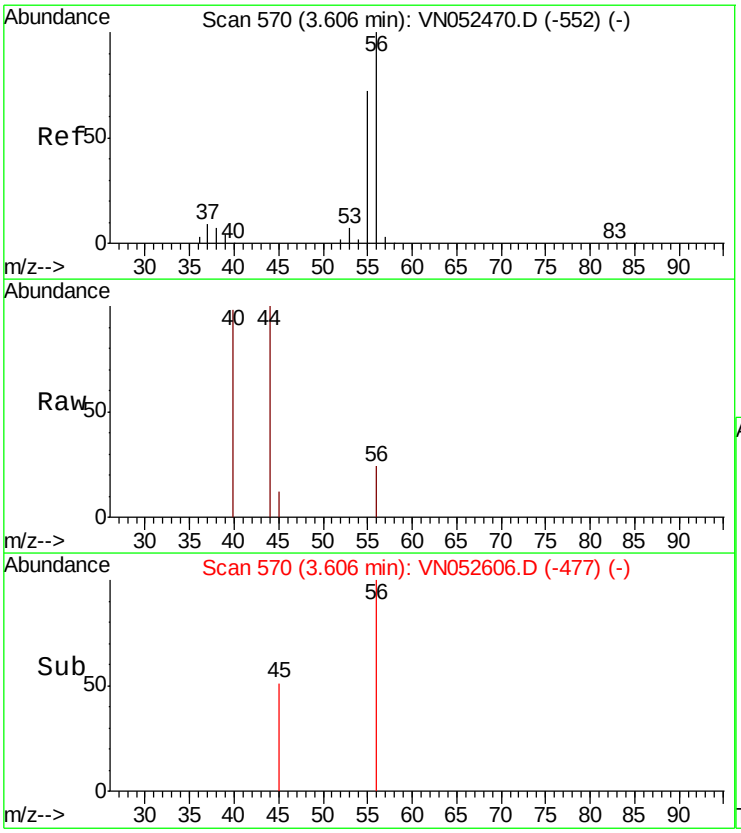
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#04

Tgt Ion:168 Resp: 1200101

Ion	Ratio	Lower	Upper
168	100		
99	51.7	41.7	62.5

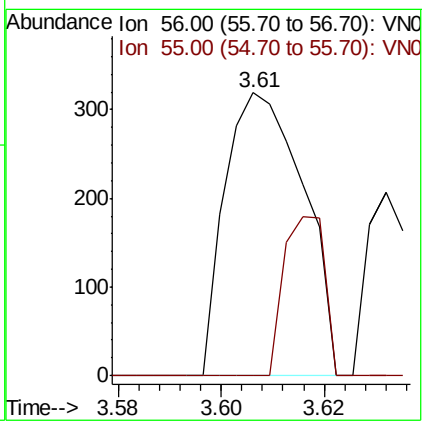


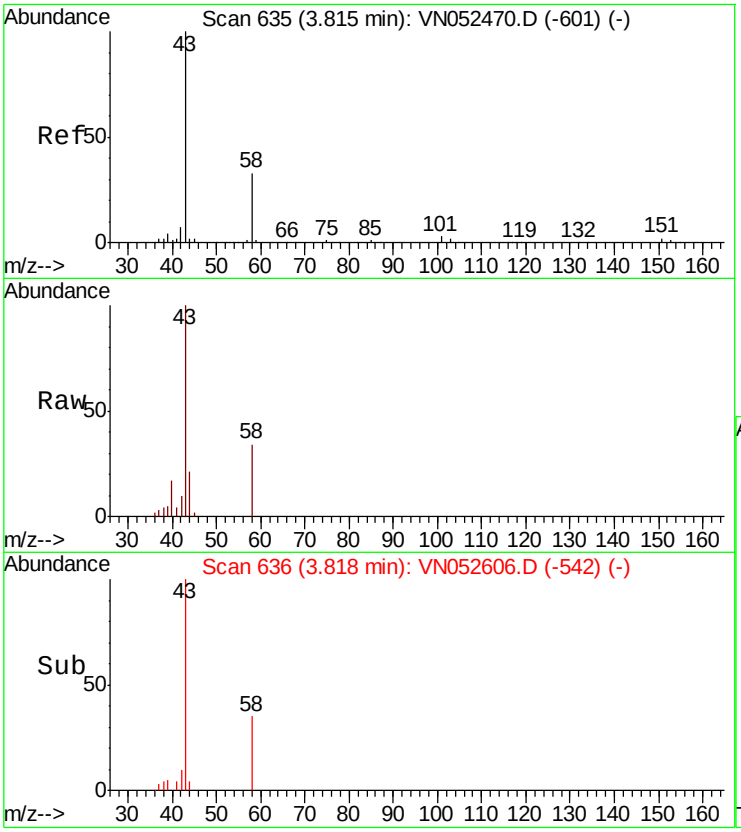


#13
Acrolein
Concen: 33.728 ug/l
RT: 3.61 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 56 Resp: 335

Ion	Ratio	Lower	Upper
56	100		
55	29.3	56.8	85.2#



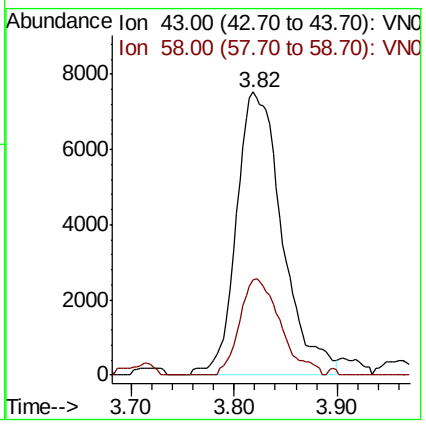


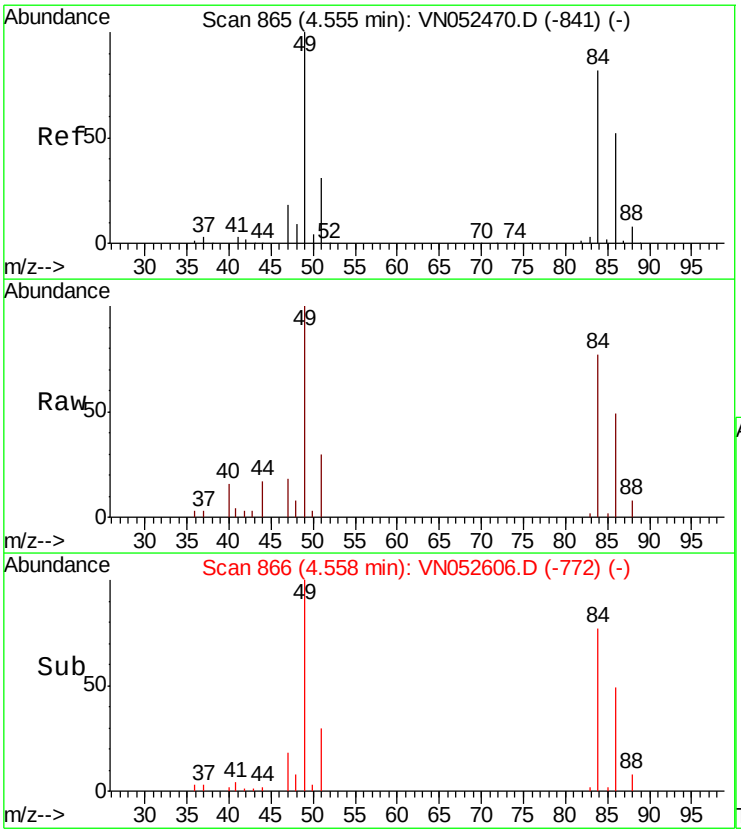
#16
Acetone
Concen: 6.753 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument : MSVOA_N
ClientSampleId : PB115186ZHE#04

Tgt Ion: 43 Resp: 23273

Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.0	39.0

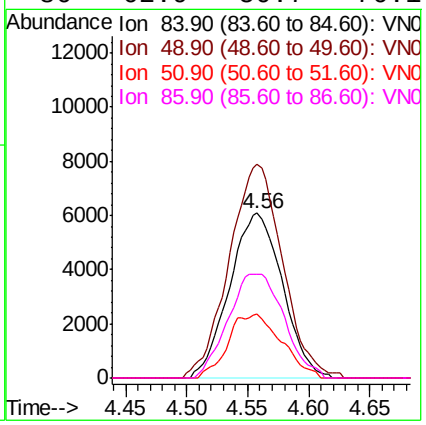


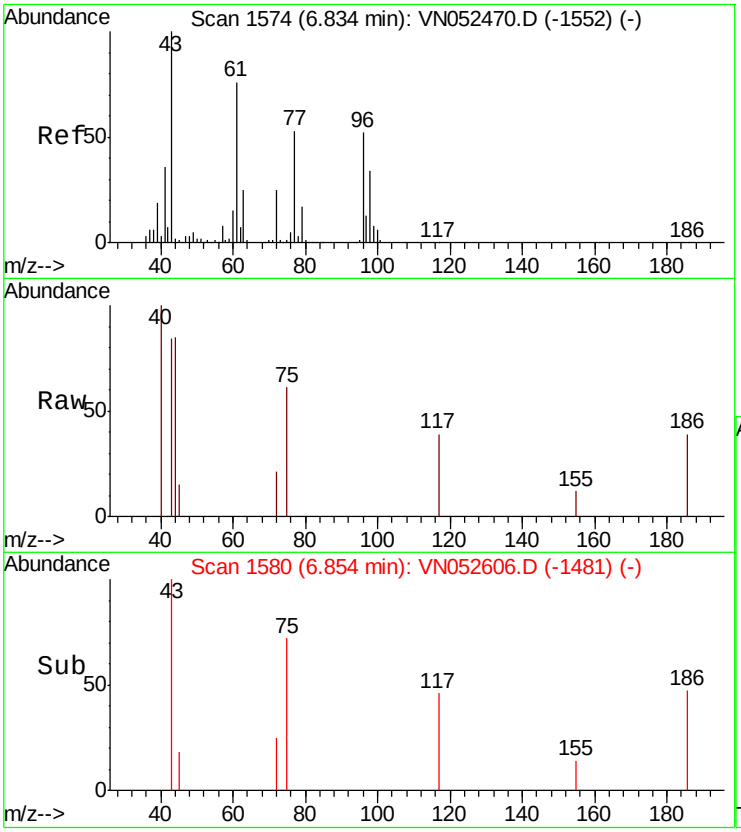


#20
Methylene Chloride
Concen: 1.358 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 84 Resp: 18310

Ion	Ratio	Lower	Upper
84	100		
49	126.2	98.0	147.0
51	38.5	30.1	45.1
86	62.9	50.7	76.1



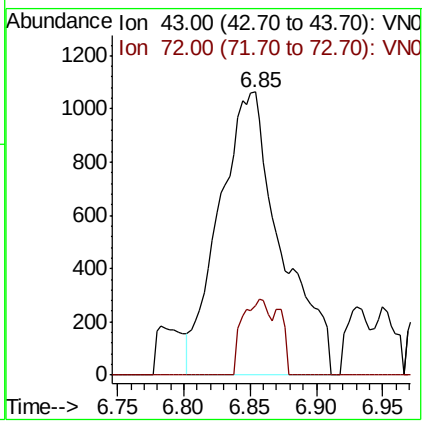


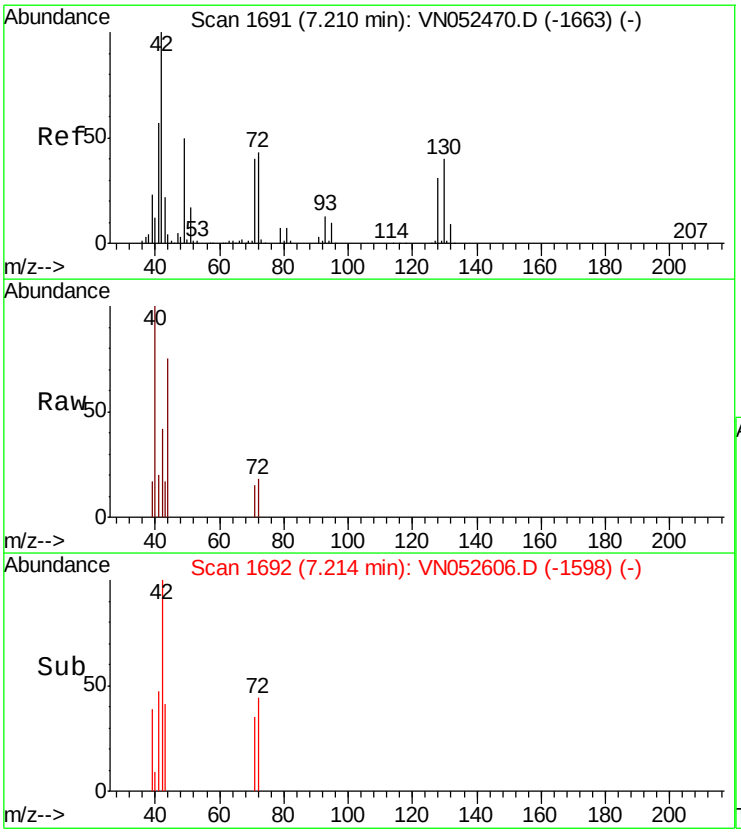
#25
2-Butanone
Concen: 0.708 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument : MSVOA_N
ClientSampleId : PB115186ZHE#04

Tgt Ion: 43 Resp: 3459

Ion	Ratio	Lower	Upper
43	100		
72	24.7	20.1	30.1

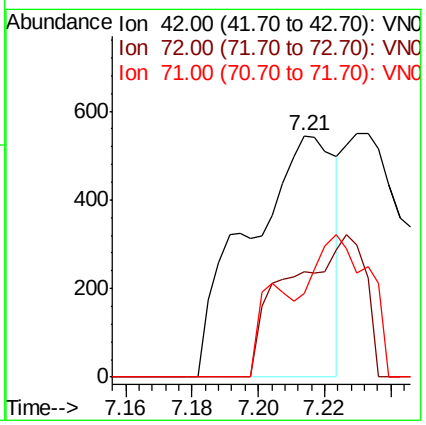


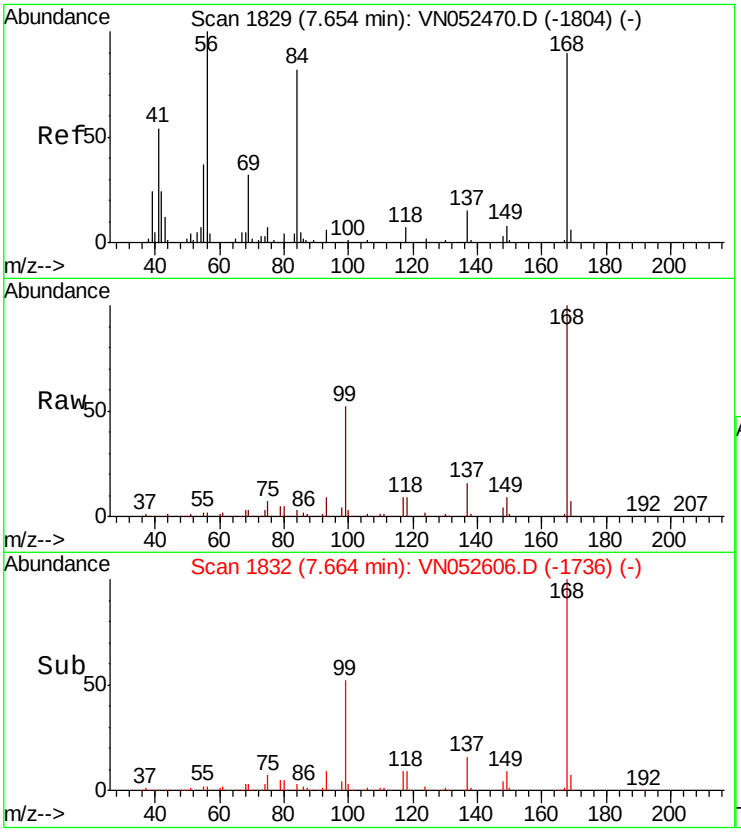


#29
Tetrahydrofuran
Concen: 0.313 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 42 Resp: 986

Ion	Ratio	Lower	Upper
42	100		
72	52.1	33.3	49.9#
71	39.9	32.0	48.0



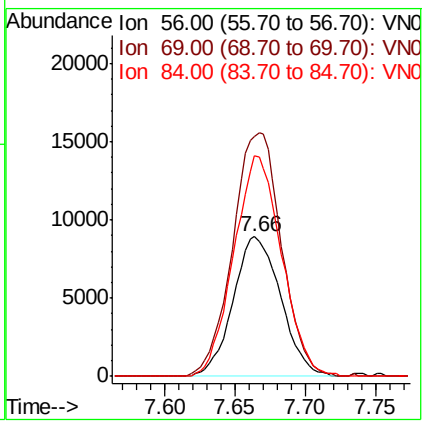


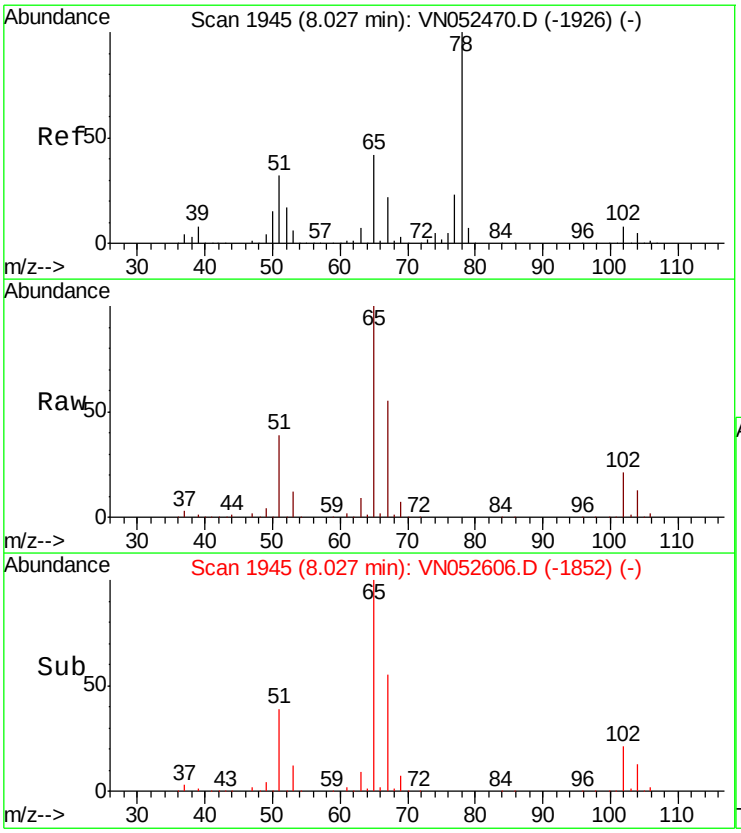
#31
Cyclohexane
Concen: 0.574 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument : MSVOA_N
ClientSampleId : PB115186ZHE#04

Tgt Ion: 56 Resp: 21030

Ion	Ratio	Lower	Upper
56	100		
69	171.8	25.8	38.6#
84	158.0	65.3	97.9#

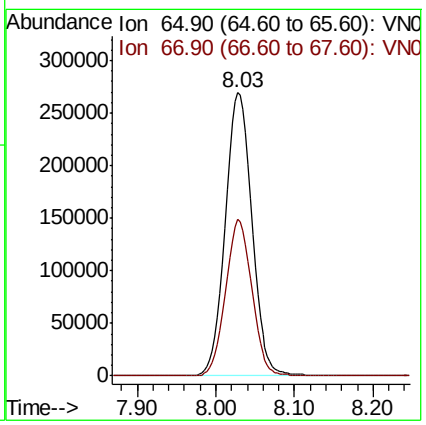


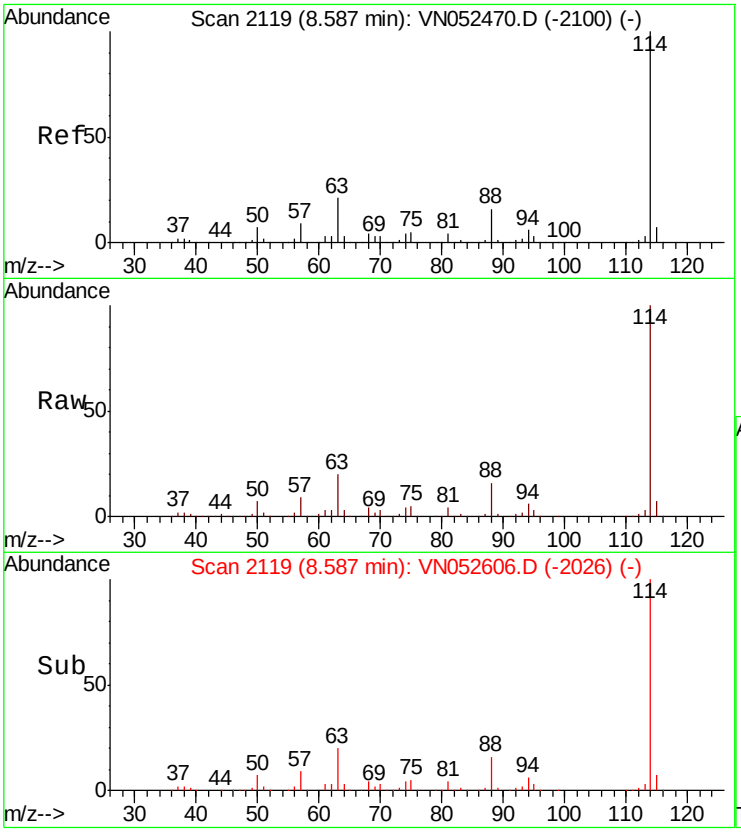


#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 65 Resp: 632601

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	109.8



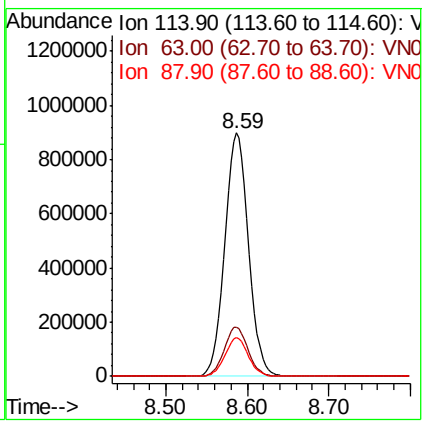


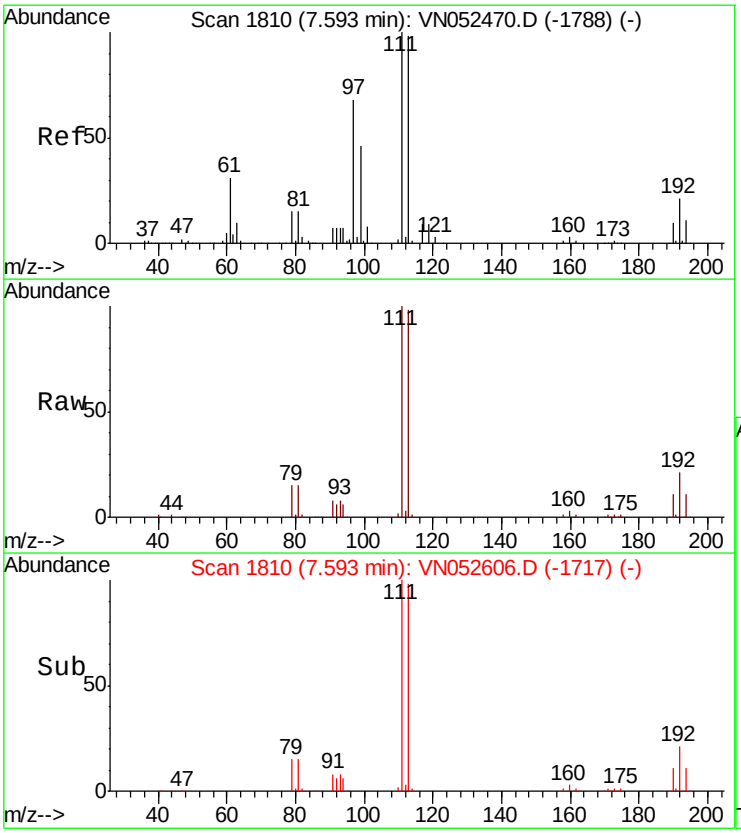
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument : MSVOA_N
ClientSampleId : PB115186ZHE#04

Tgt Ion:114 Resp: 1843243

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.8
88	15.8	0.0	31.6

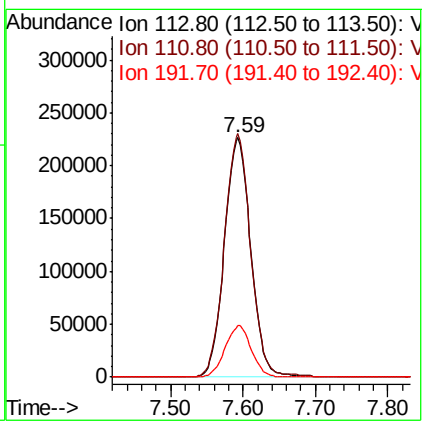


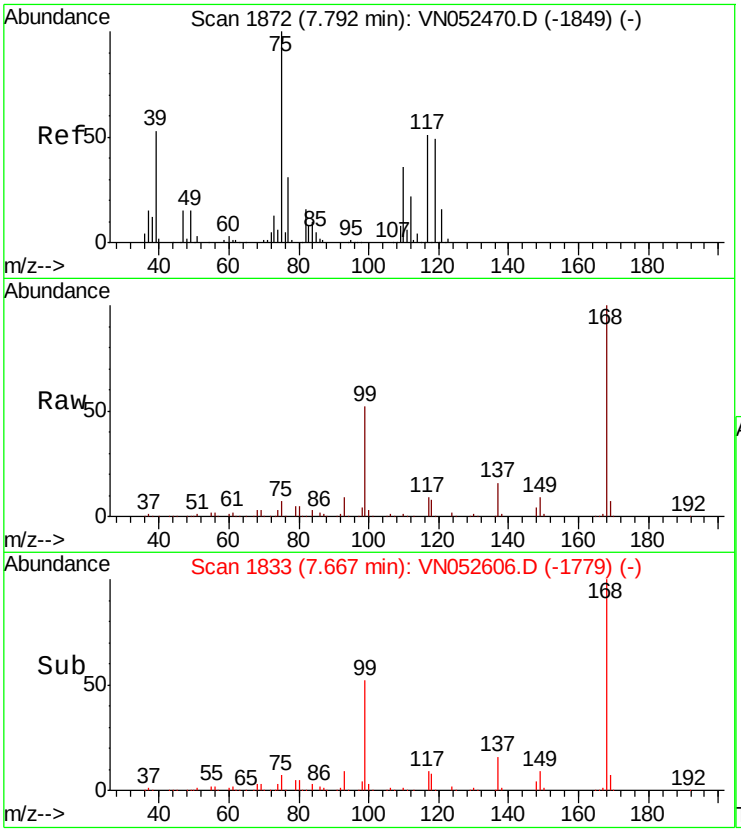


#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion:113 Resp: 573280

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.0	123.0
192	21.3	17.0	25.6



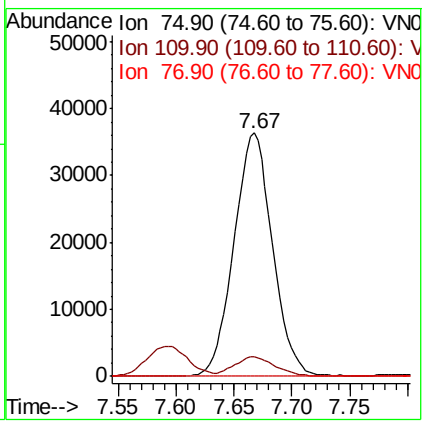


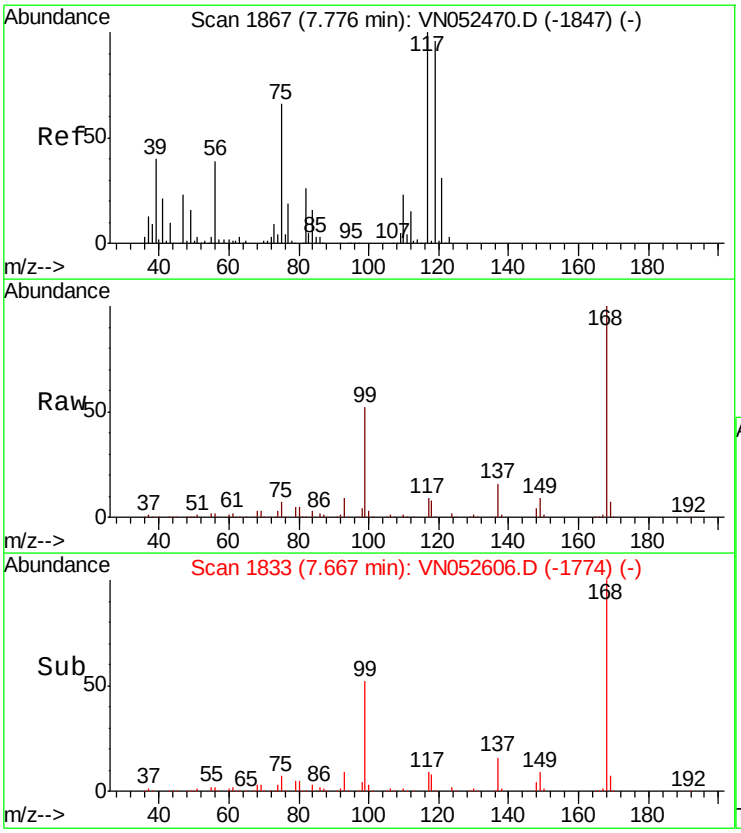
#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#04

Tgt Ion: 75 Resp: 83727

Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.5	52.6#
77	0.0	24.5	36.7#

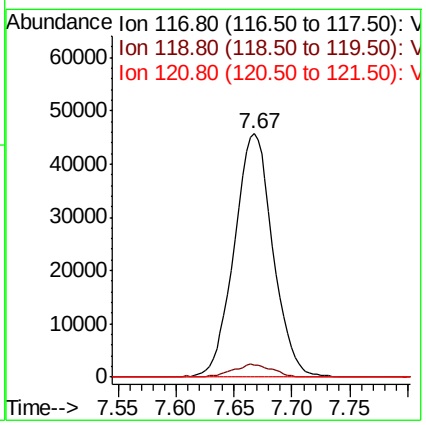


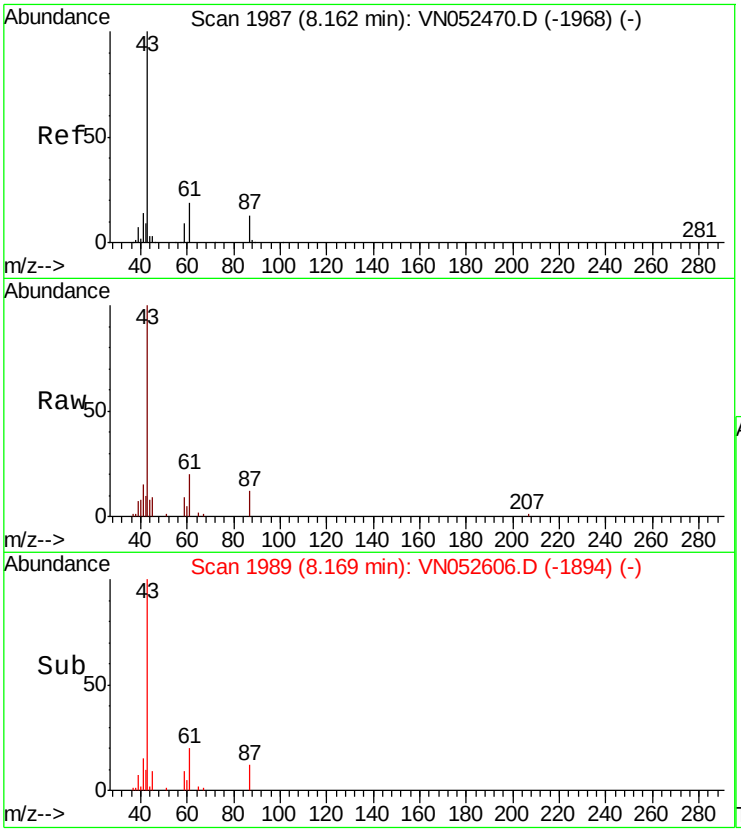


#38
Carbon Tetrachloride
Concen: 6.708 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion:117 Resp: 105694

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.8	115.2#
121	0.0	24.9	37.3#



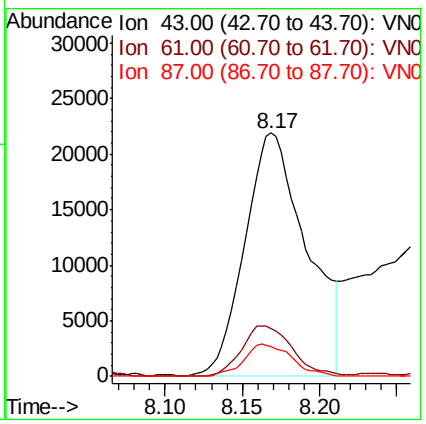


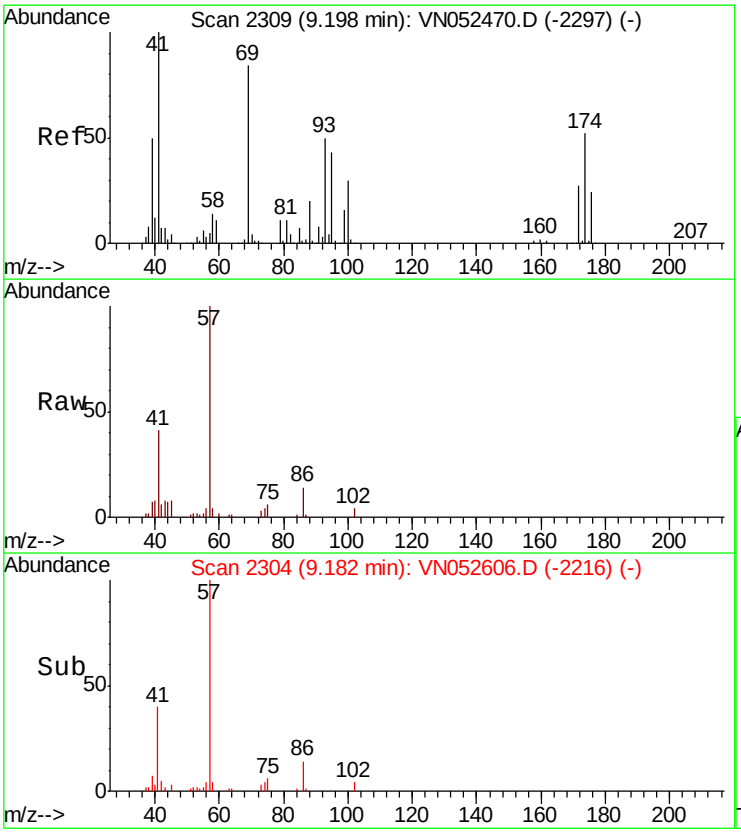
#43
Isopropyl Acetate
Concen: 3.395 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument : MSVOA_N
ClientSampleId : PB115186ZHE#04

Tgt Ion: 43 Resp: 61024

Ion	Ratio	Lower	Upper
43	100		
61	17.0	24.1	36.1#
87	10.3	10.6	15.8#

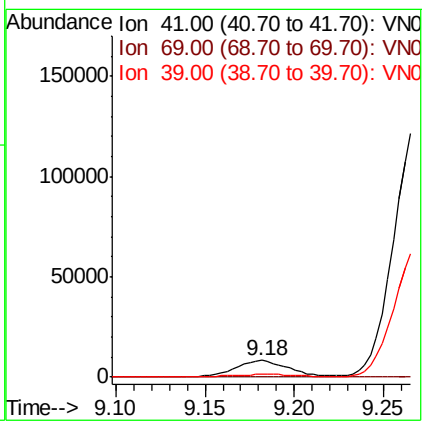


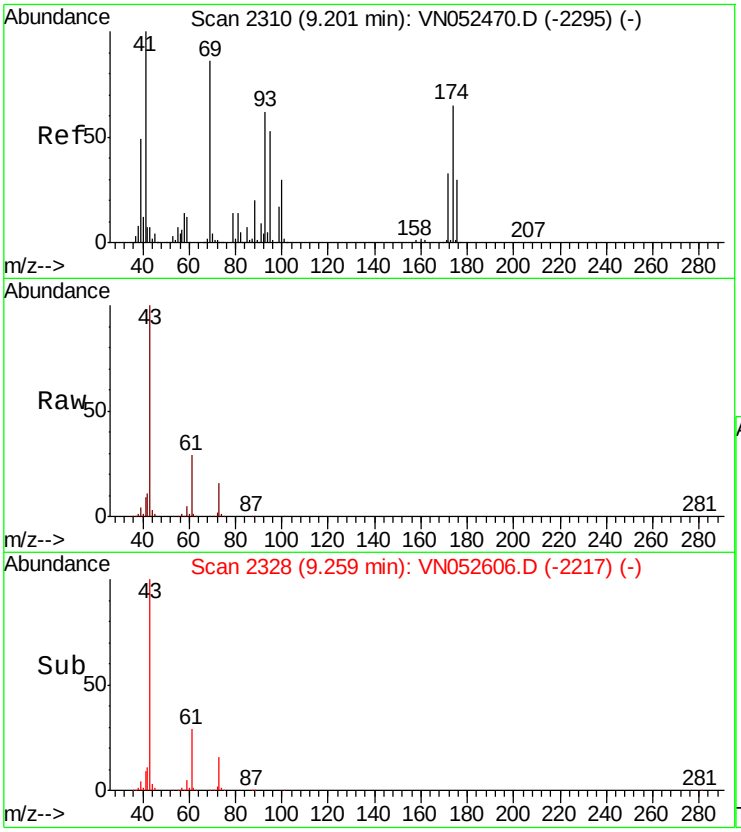


#48
Methyl methacrylate
Concen: 1.768 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 41 Resp: 16574

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.0	105.0#
39	0.0	42.6	64.0#



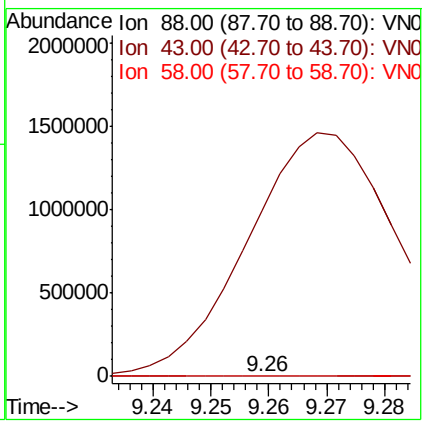


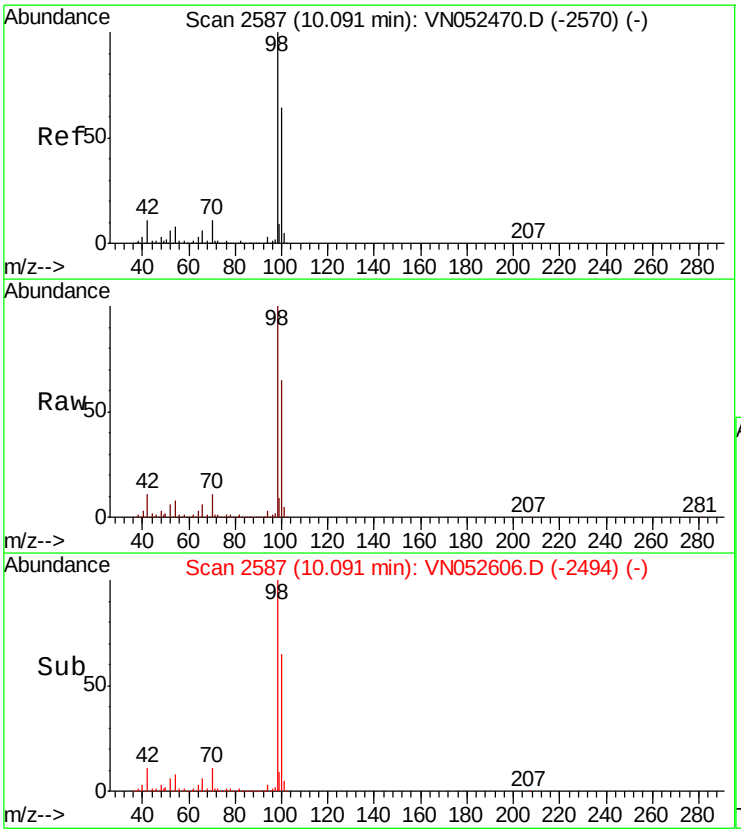
#49
1,4-Dioxane
Concen: 2.385 ug/l
RT: 9.26 min Scan# 2328
Delta R.T. 0.06 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#04

Tgt Ion: 88 Resp: 232

Ion	Ratio	Lower	Upper
88	100		
43	0.0	26.4	39.6#
58	0.0	55.4	83.0#

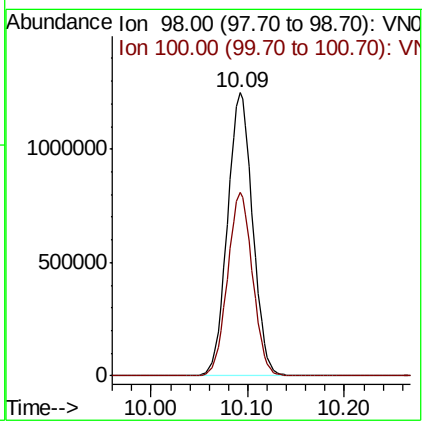


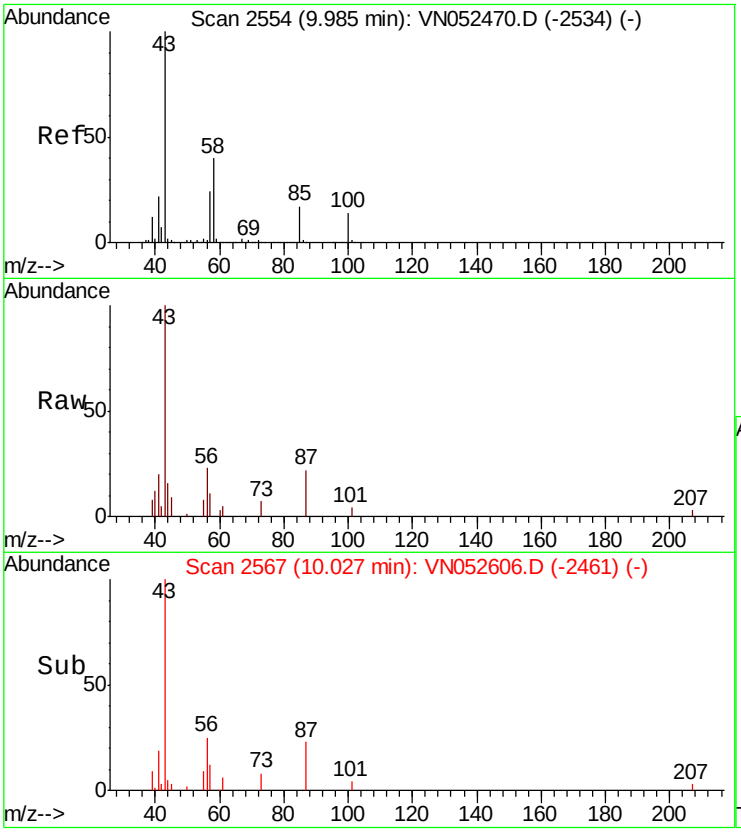


#50
Toluene-d8
Concen: 2.385 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 98 Resp: 2254541

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.3	76.9



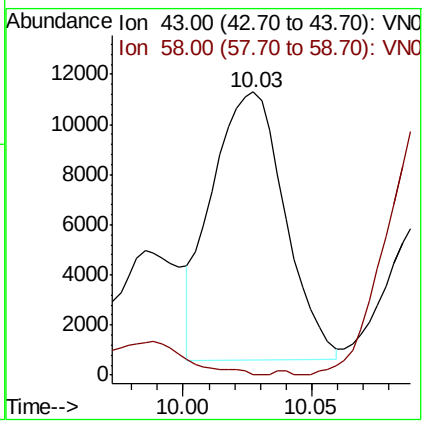


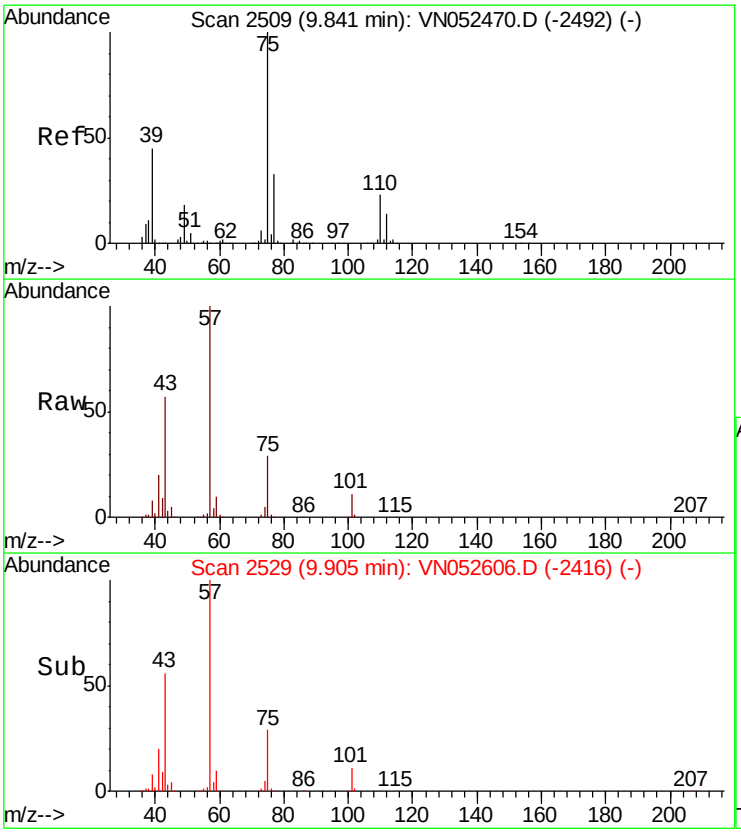
#51
4-Methyl-2-Pentanone
Concen: 2.079 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument : MSVOA_N
ClientSampleId : PB115186ZHE#04

Tgt Ion: 43 Resp: 20968

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.5	47.3#

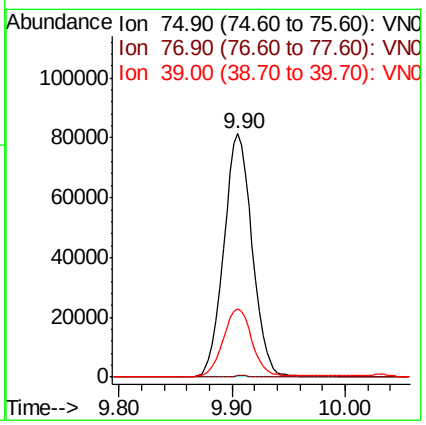


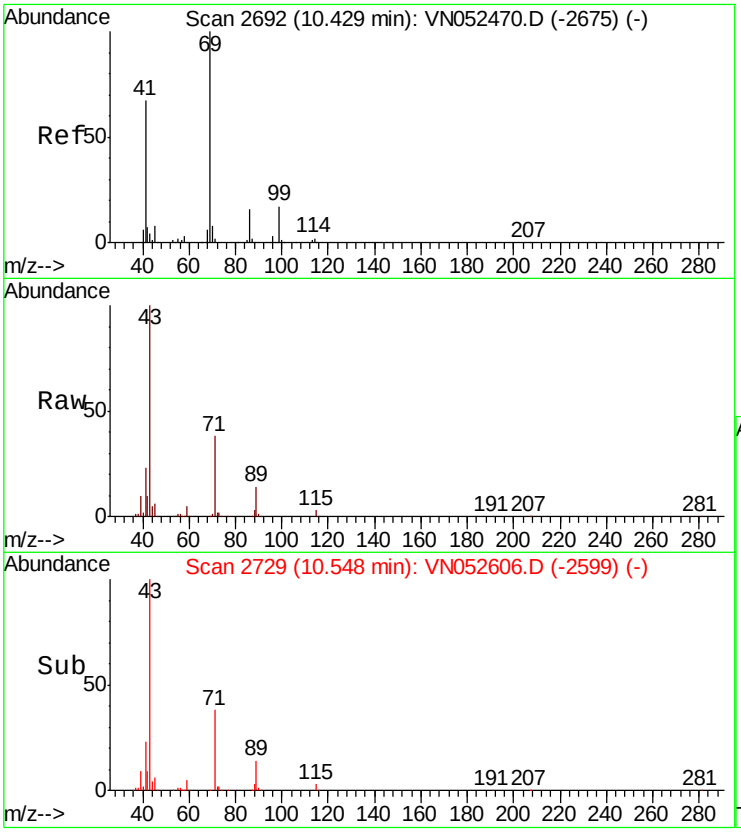


#54
cis-1,3-Dichloropropene
Concen: 7.410 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 75 Resp: 141806

Ion	Ratio	Lower	Upper
75	100		
77	0.5	26.2	39.2#
39	28.1	36.0	54.0#



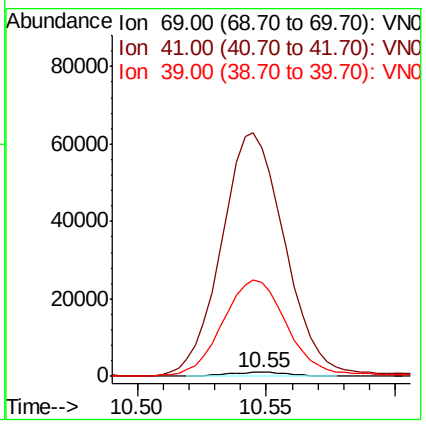


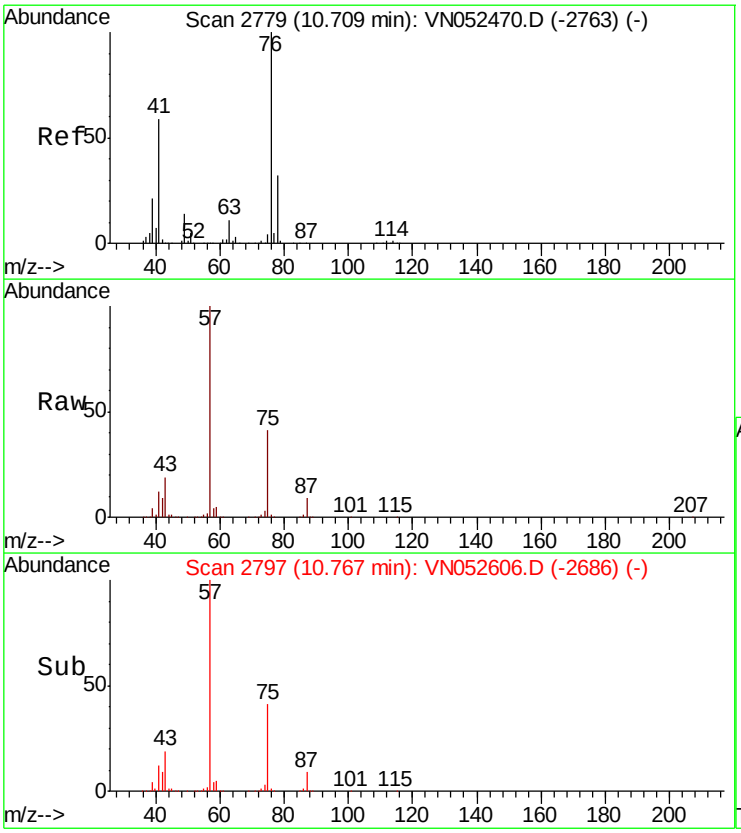
#56
Ethyl methacrylate
Concen: 2.806 ug/l
RT: 10.55 min Scan# 2729
Delta R.T. 0.12 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument : MSVOA_N
ClientSampleId : PB115186ZHE#04

Tgt Ion: 69 Resp: 1803

Ion	Ratio	Lower	Upper
69	100		
41	6042.8	52.6	79.0#
39	2423.0	25.9	38.9#

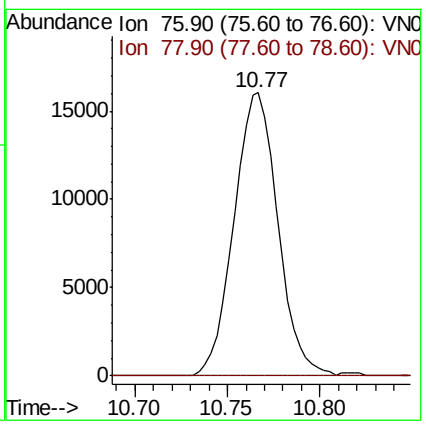


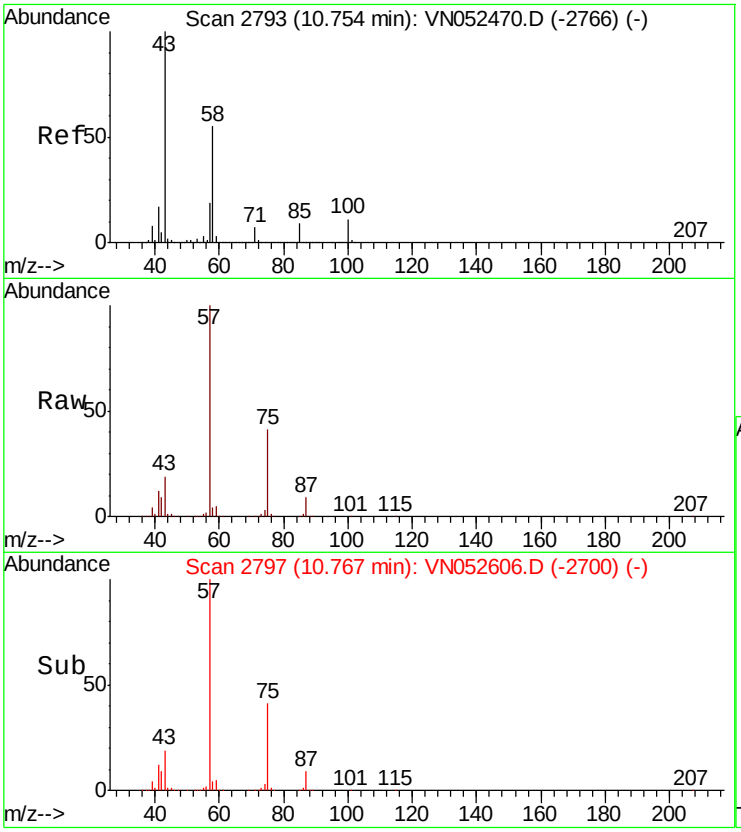


#57
1,3-Dichloropropane
Concen: 1.379 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 76 Resp: 26397

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



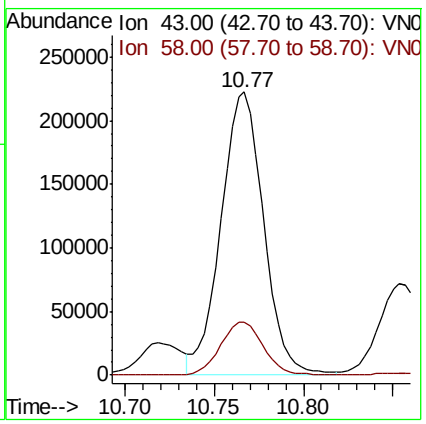


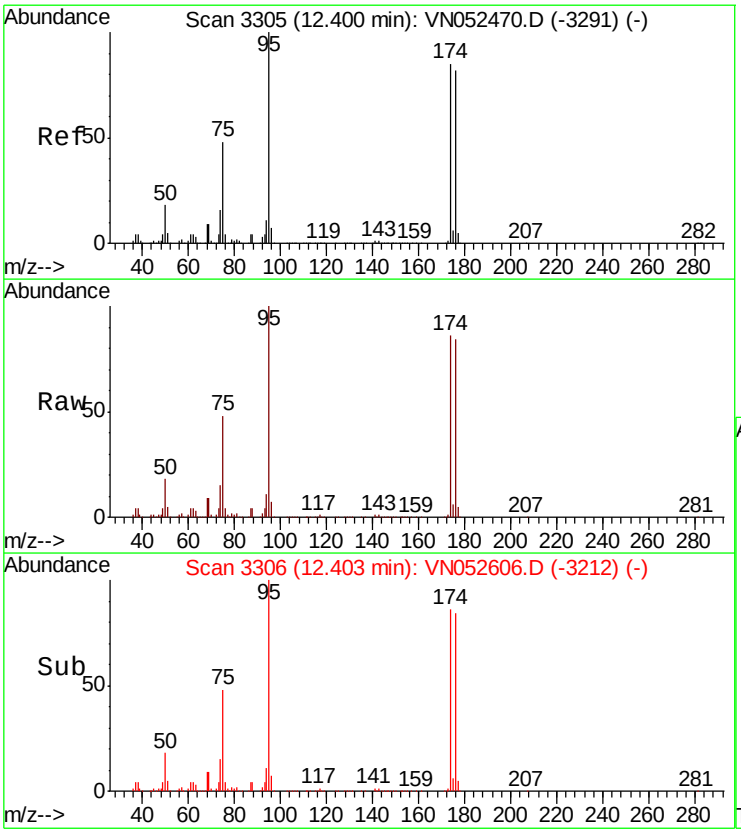
#59
2-Hexanone
Concen: 54.162 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument : MSVOA_N
ClientSampleId : PB115186ZHE#04

Tgt Ion: 43 Resp: 366649

Ion	Ratio	Lower	Upper
43	100		
58	19.3	27.4	82.0#

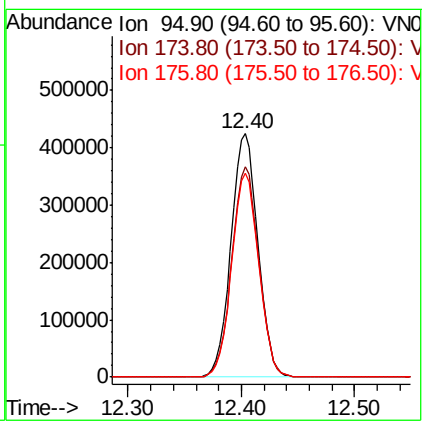


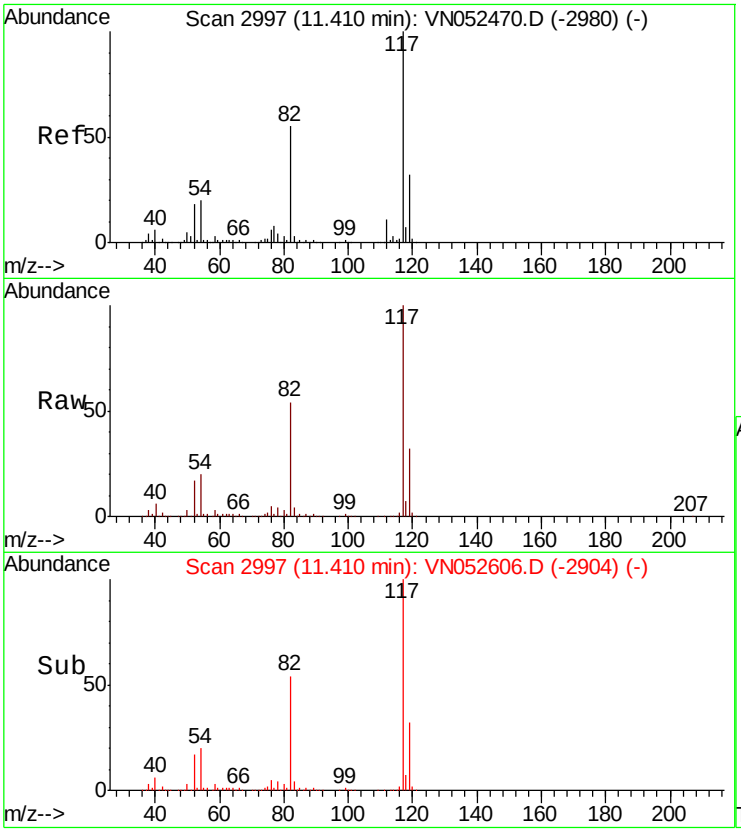


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 95 Resp: 702434

Ion	Ratio	Lower	Upper
95	100		
174	87.1	0.0	173.0
176	84.5	0.0	166.2



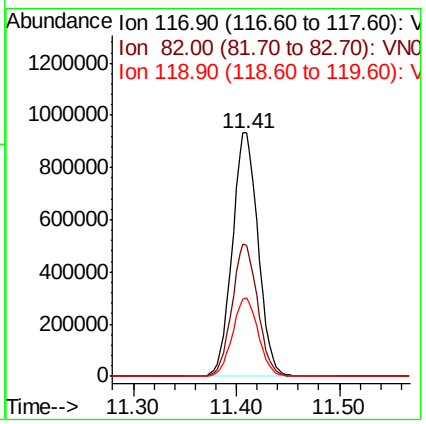


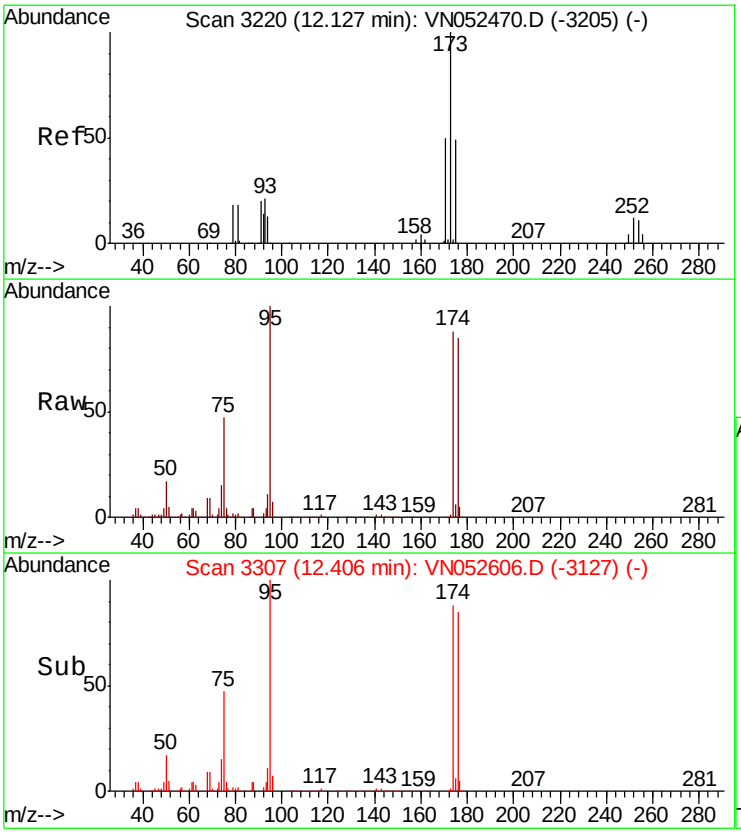
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument : MSVOA_N
ClientSampleId : PB115186ZHE#04

Tgt Ion:117 Resp: 1623408

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.6	65.4
119	32.1	25.4	38.2

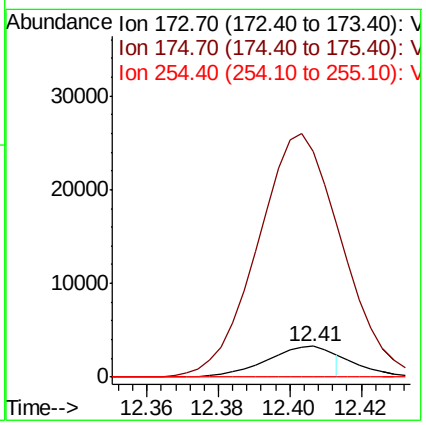


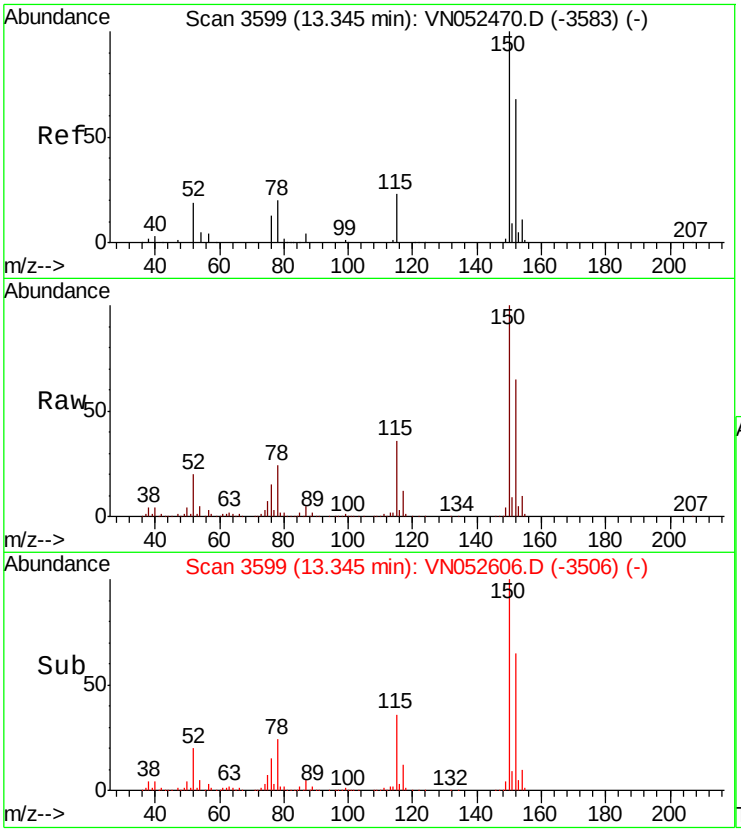


#71
Bromoform
Concen: 0.553 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.28 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion:173 Resp: 4261

Ion	Ratio	Lower	Upper
173	100		
175	849.0	24.4	73.2#
254	0.0	0.1	0.1#



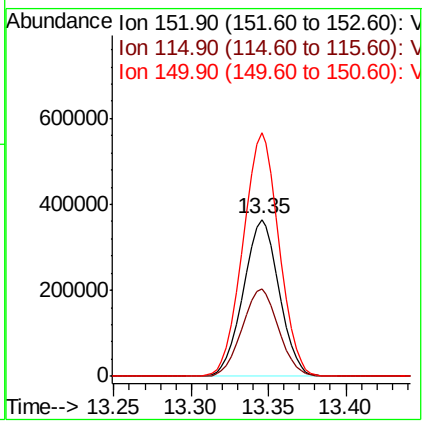


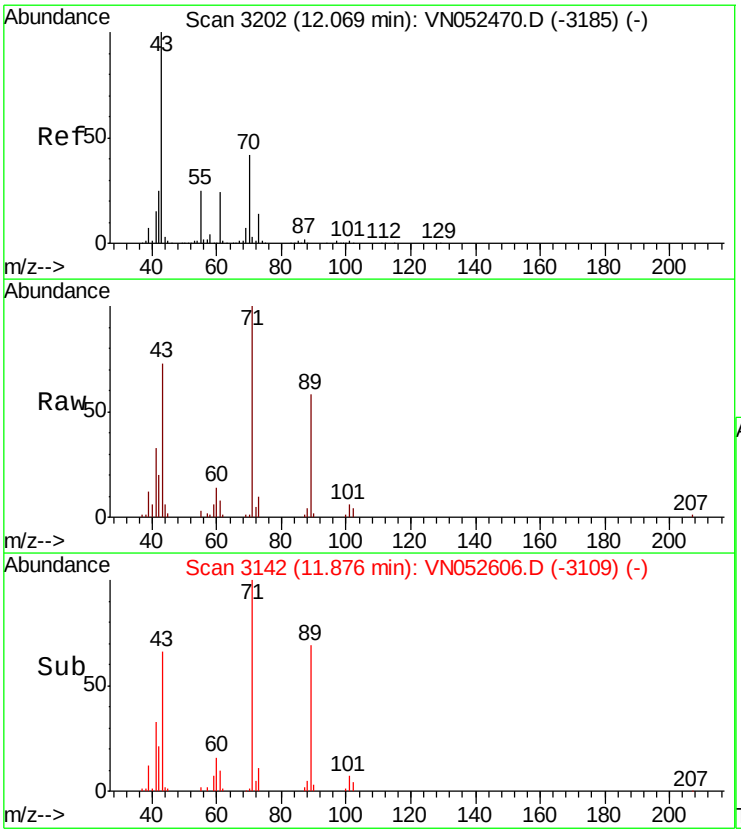
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument : MSVOA_N
ClientSampleId : PB115186ZHE#04

Tgt Ion:152 Resp: 588686

Ion	Ratio	Lower	Upper
152	100		
115	56.5	28.4	85.2
150	156.2	0.0	346.0

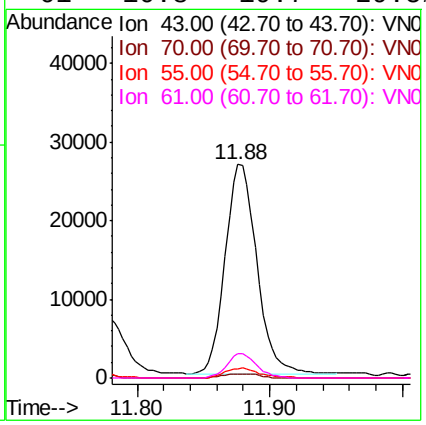


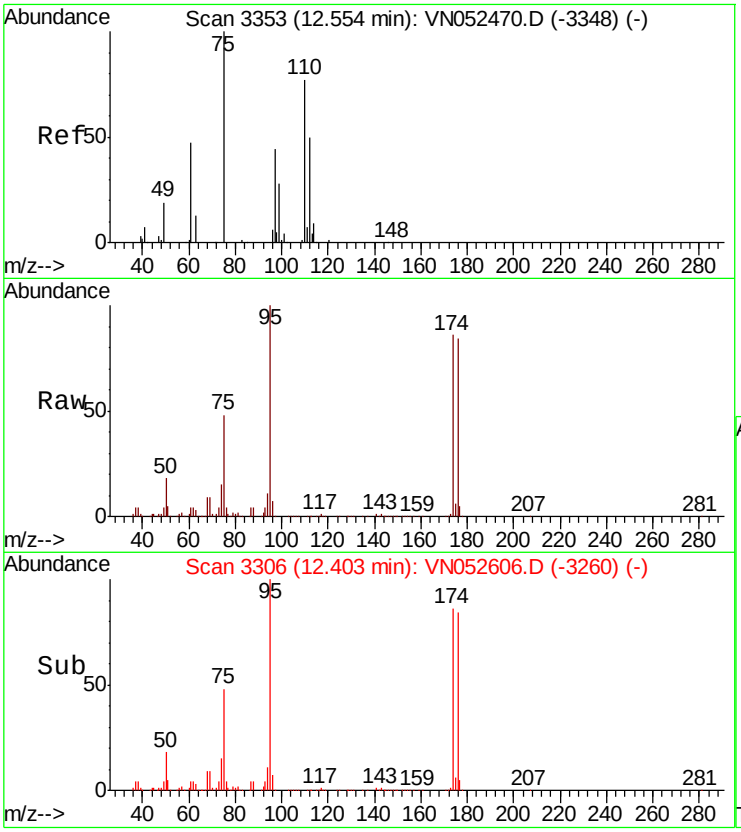


#74
N-amyl acetate
Concen: 3.796 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion: 43 Resp: 44288

Ion	Ratio	Lower	Upper
43	100		
70	2.2	33.8	50.8#
55	5.1	20.0	30.0#
61	10.8	19.7	29.5#



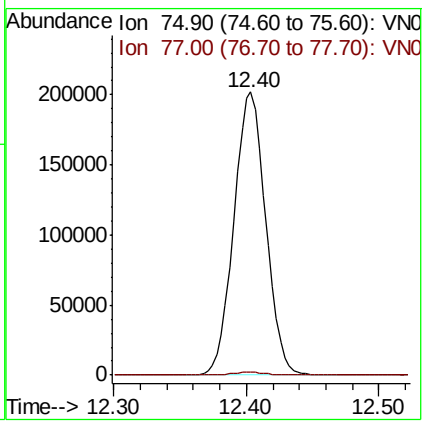


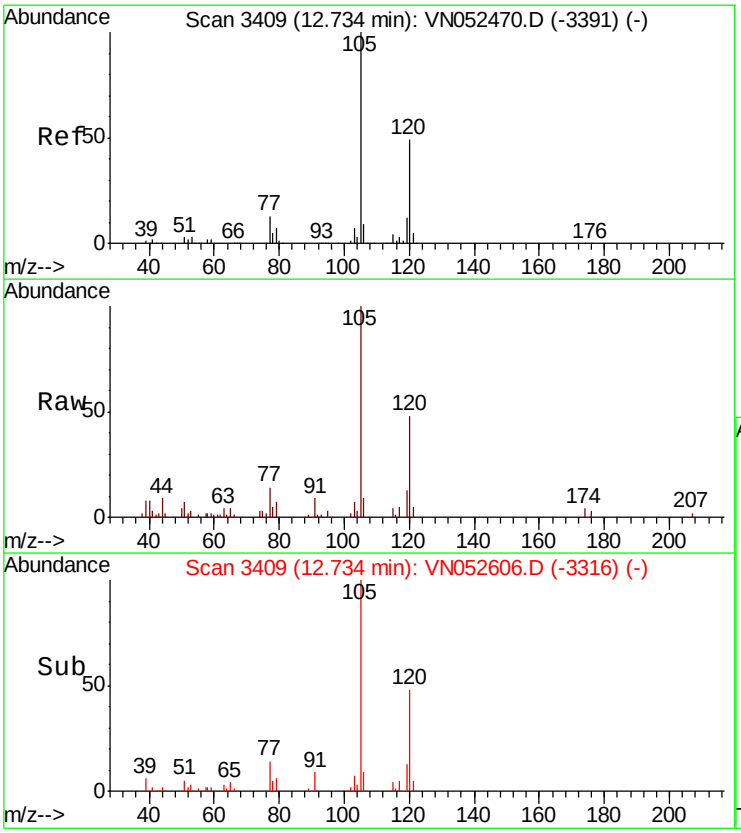
#76
1,2,3-Trichloropropane
Concen: 37.032 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#04

Tgt Ion: 75 Resp: 336171

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

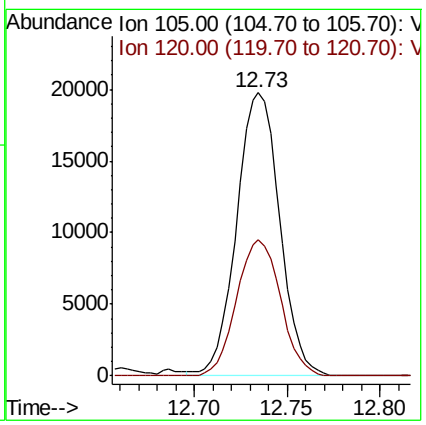


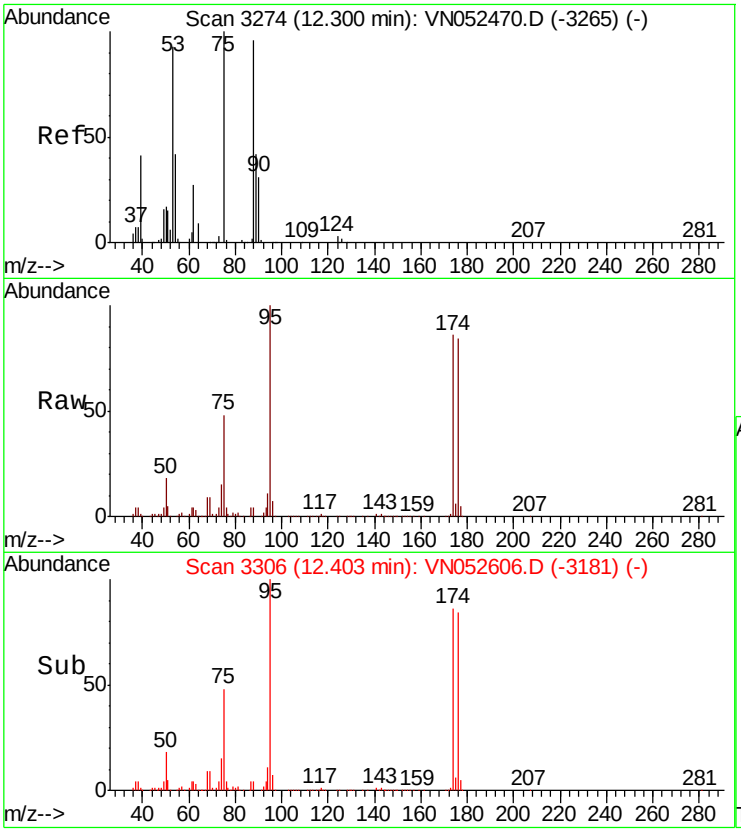


#80
1,3,5-Trimethylbenzene
Concen: 0.869 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion:105 Resp: 32027

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.3	73.0



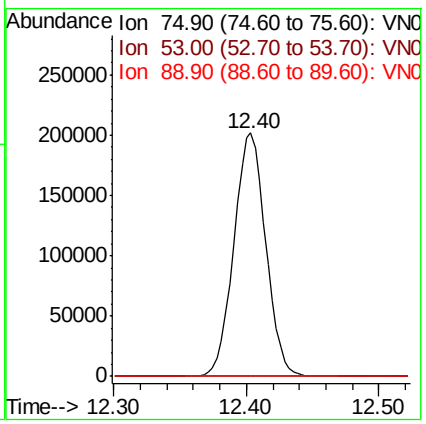


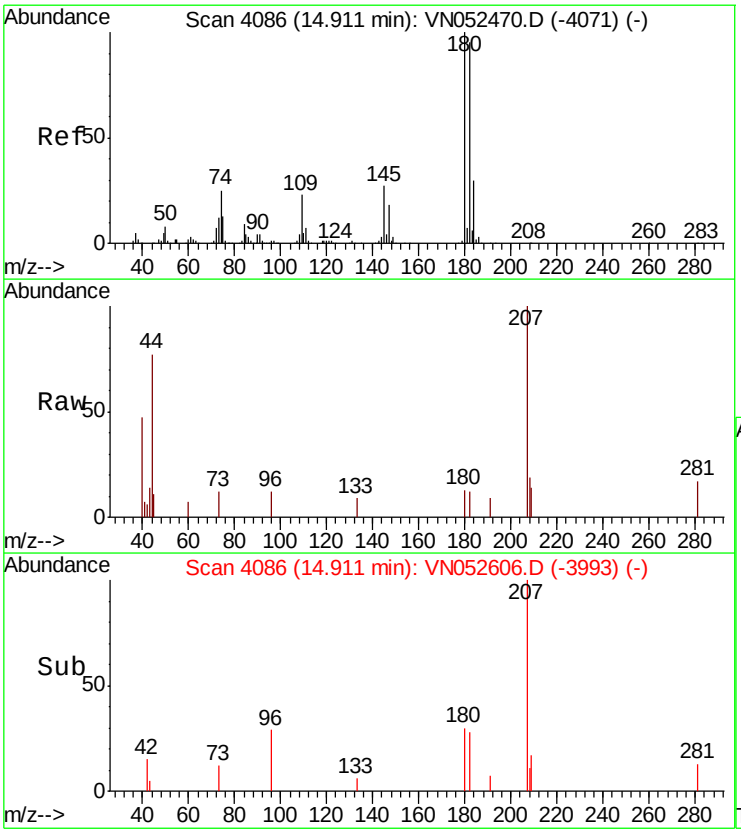
#81
trans-1,4-Dichloro-2-butene
Concen: 123.669 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#04

Tgt Ion: 75 Resp: 336171

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.4	116.0#
89	0.0	35.4	53.2#

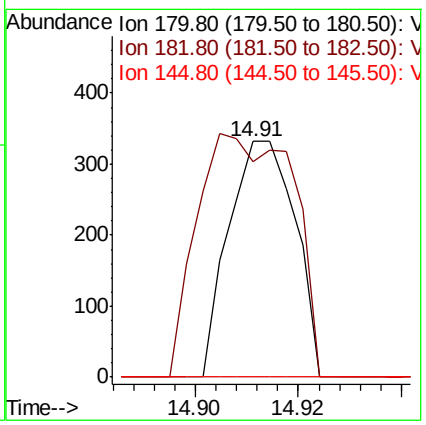


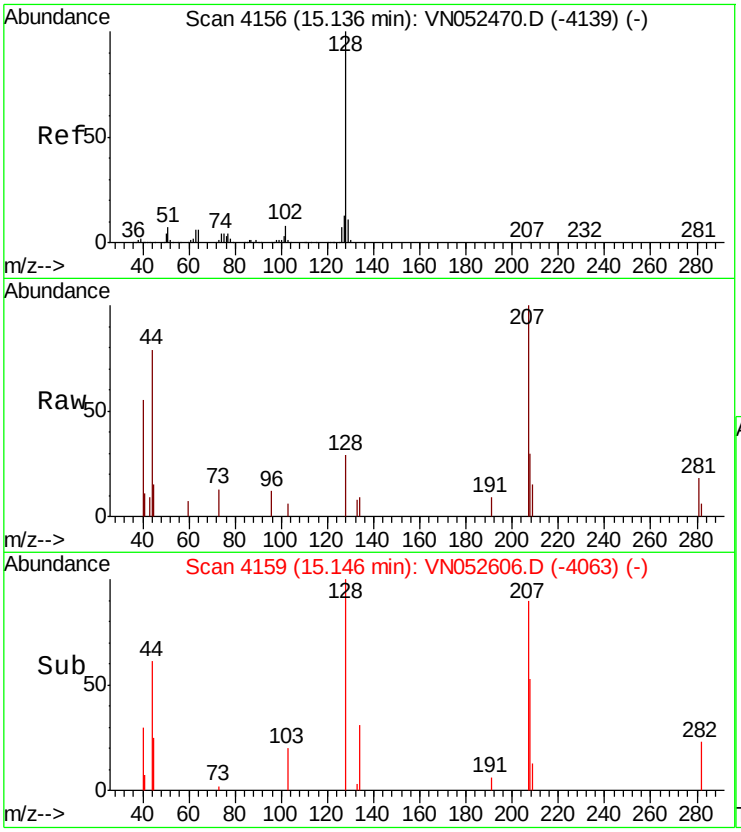


#93
1,2,4-Trichlorobenzene
Concen: 2.856 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion:180 Resp: 295

Ion	Ratio	Lower	Upper
180	100		
182	149.2	47.8	143.4#
145	0.0	14.1	42.3#



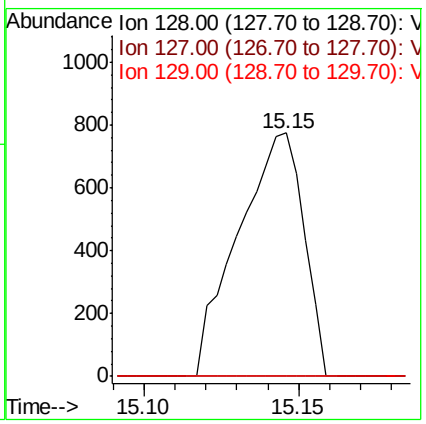


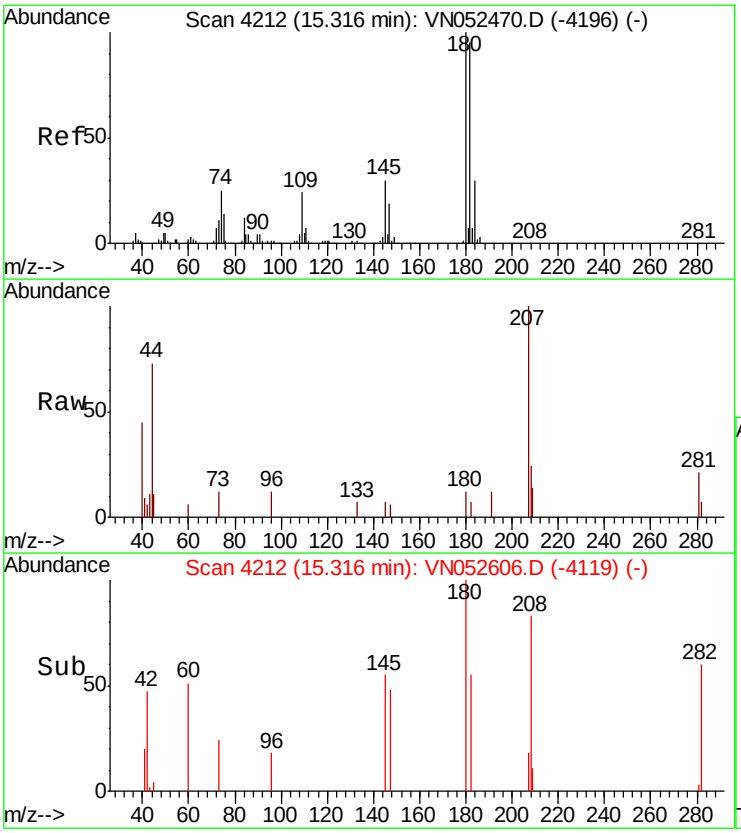
#95
Naphthalene
Concen: 3.476 ug/l
RT: 15.15 min Scan# 4159
Delta R.T. 0.01 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#04

Tgt Ion:128 Resp: 1141

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.7	13.1#





#96
1,2,3-Trichlorobenzene
Concen: 2.763 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052606.D
Acq: 30 Nov 2018 14:54

Tgt Ion:180 Resp: 370

Ion	Ratio	Lower	Upper
180	100		
182	45.1	47.8	143.3#
145	28.1	15.2	45.5