Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052566.D
Acq On : 29 Nov 2018 15:45
Operator : MD\SY
Sample : PB115155ZHE#04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB115155ZHE#04

Quant Time: Nov 30 00:26:29 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	1357507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2051857	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1810626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	691651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	679840	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.98%			
35) Dibromofluoromethane	7.59	113	629554	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.54%			
50) Toluene-d8	10.09	98	2514800	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.14%			
62) 4-Bromofluorobenzene	12.40	95	799089	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.60%			
Target Compounds						Qvalue
13) Acrolein	3.61	56	328	33.694	ug/l #	50
16) Acetone	3.82	43	31835	8.166	ug/l	96
18) Methyl Acetate	4.33	43	4331	0.387	ug/l #	67
20) Methylene Chloride	4.55	84	33785	2.215	ug/l	98
25) 2-Butanone	6.85	43	2590	0.469	ug/l	95
29) Tetrahydrofuran	7.22	42	819	0.230	ug/l #	86
31) Cyclohexane	7.67	56	23667	0.569	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	91809	4.738	ug/l #	50
38) Carbon Tetrachloride	7.67	117	118967	6.782	ug/l #	16
41) Methacrylonitrile	7.22	41	1466	0.227	ug/l #	29
43) Isopropyl Acetate	8.17	43	47559	2.377	ug/l #	84
48) Methyl methacrylate	9.18	41	14953	1.433	ug/l #	13
49) 1,4-Dioxane	9.27	88	108	0.997	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	8424	0.750	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	126568	5.942	ug/l #	63
56) Ethyl methacrylate	10.54	69	1396	2.772	ug/l #	1
57) 1,3-Dichloropropane	10.77	76	22866	1.073	ug/l #	43
59) 2-Hexanone	10.77	43	327085	43.405	ug/l #	52
71) Bromoform	12.40	173	4662	0.542	ug/l #	1
74) N-amyl acetate	11.88	43	40775	2.974	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	380616	35.686	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	28893	0.668	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	380616	119.175	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	4492	3.175	ug/l	91
94) Hexachlorobutadiene	15.01	225	1503	0.208	ug/l	93
95) Naphthalene	15.14	128	11060	3.824	ug/l	96
96) 1,2,3-Trichlorobenzene	15.32	180	4607	3.113	ug/l	97

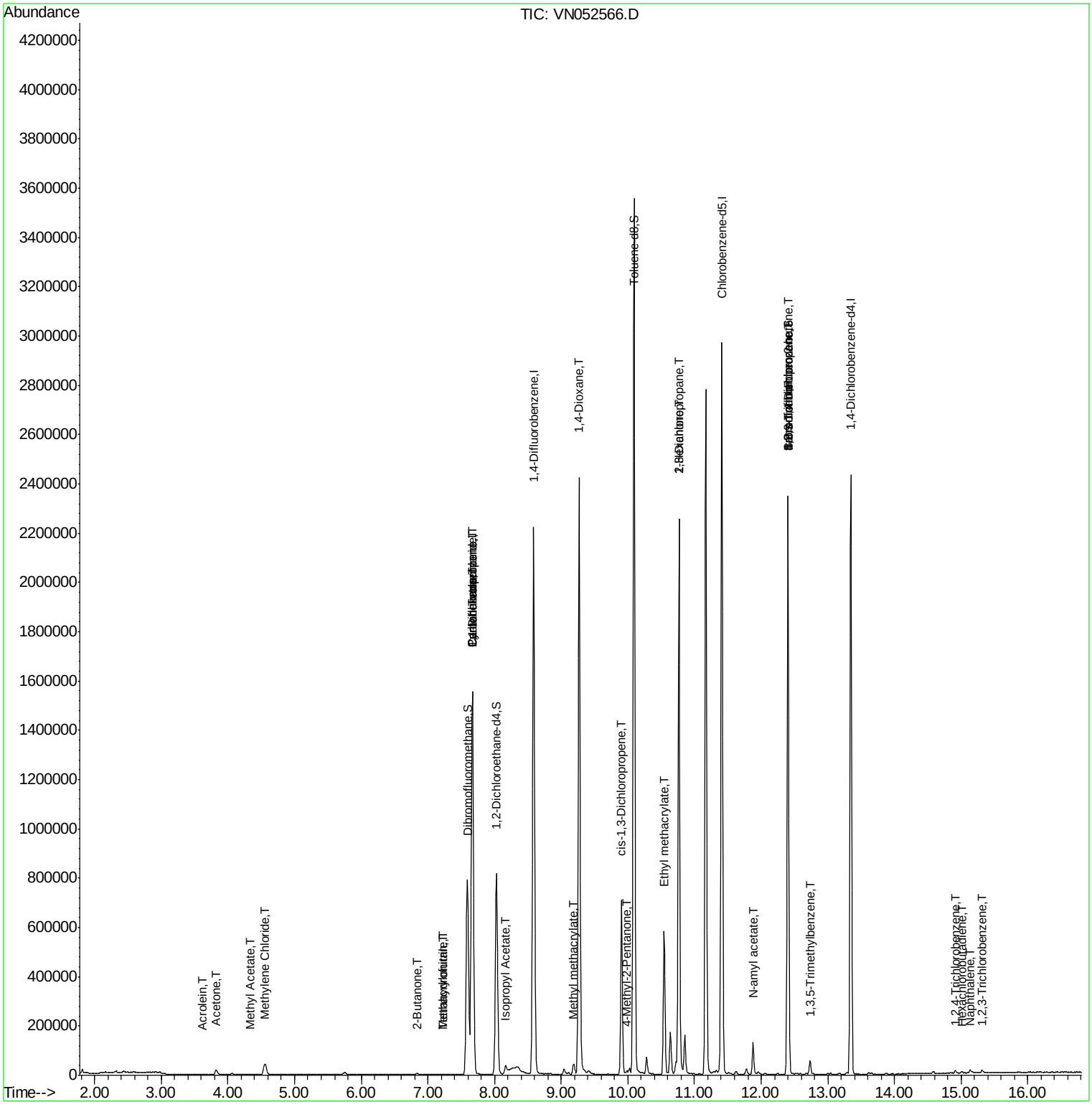
(#) = qualifier out of range (m) = manual integration (+) = signals summed

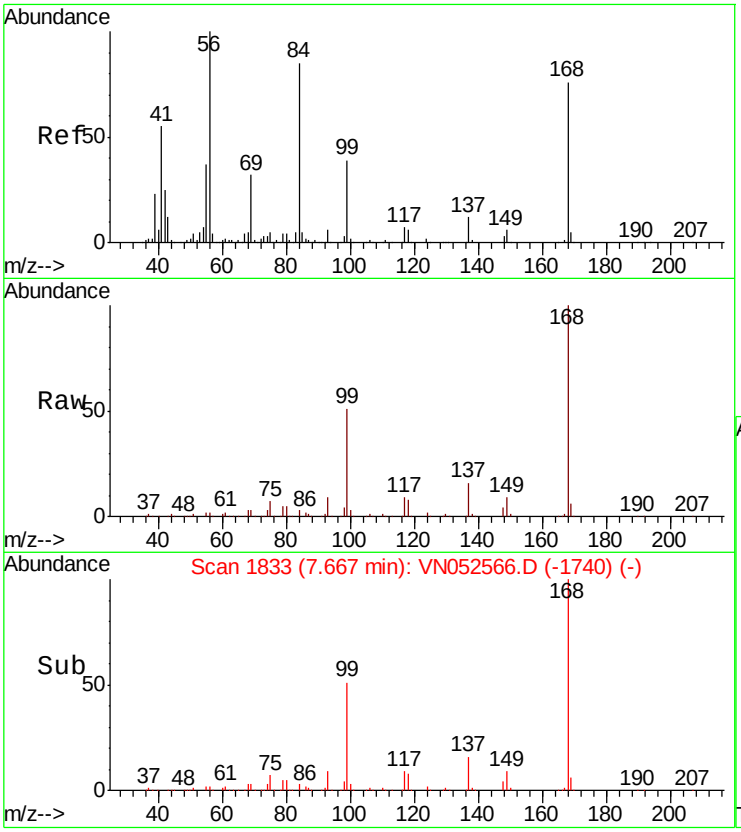
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052566.D
Acq On : 29 Nov 2018 15:45
Operator : MD\SY
Sample : PB115155ZHE#04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Quant Time: Nov 30 00:26:29 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



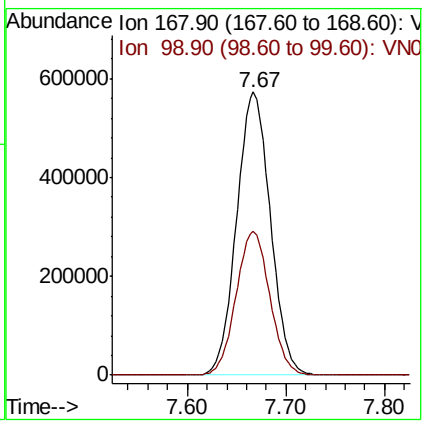


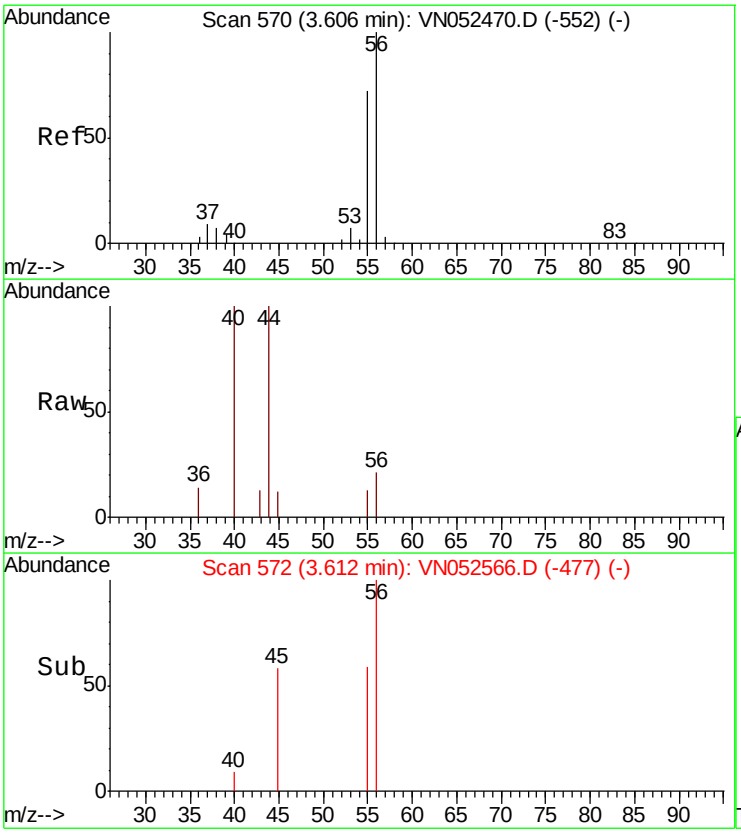
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Tgt Ion:168 Resp: 1357507

Ion	Ratio	Lower	Upper
168	100		
99	50.9	41.7	62.5

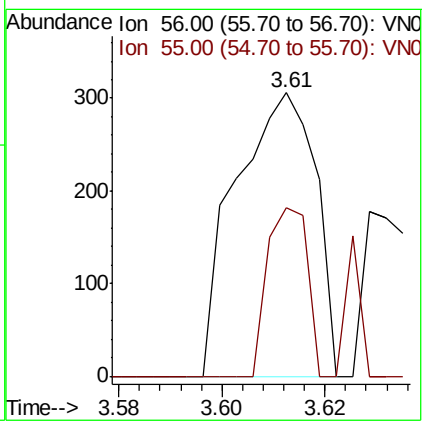


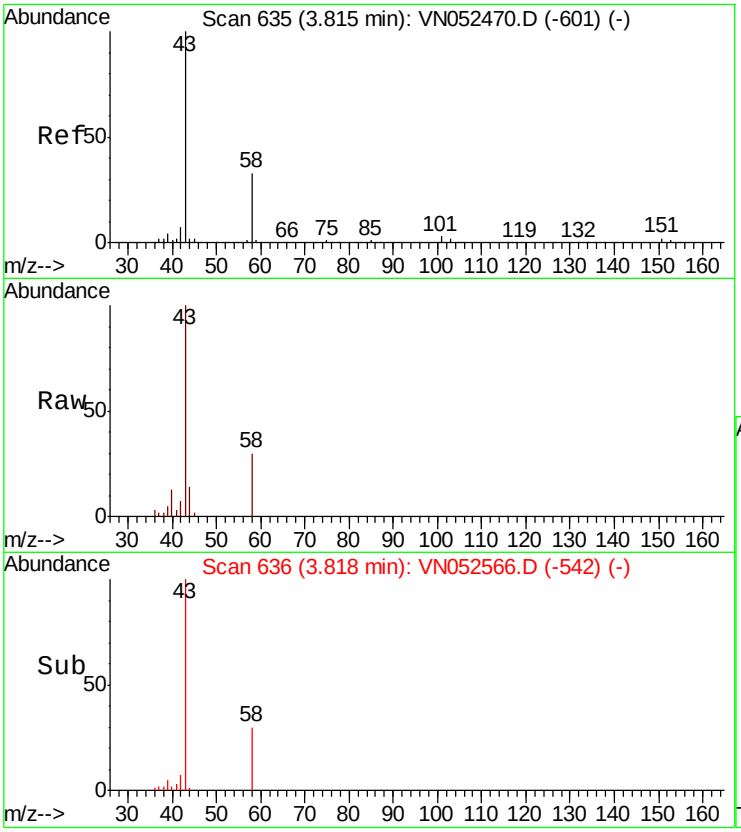


#13
Acrolein
Concen: 33.694 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 56 Resp: 328

Ion	Ratio	Lower	Upper
56	100		
55	29.9	56.8	85.2#



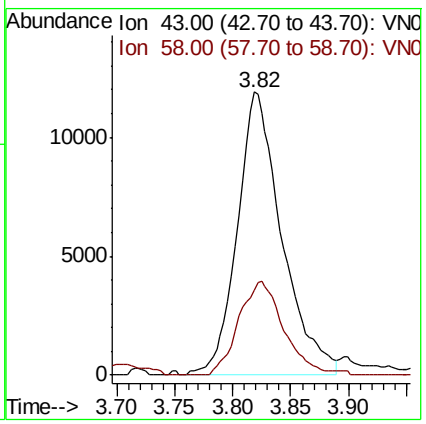


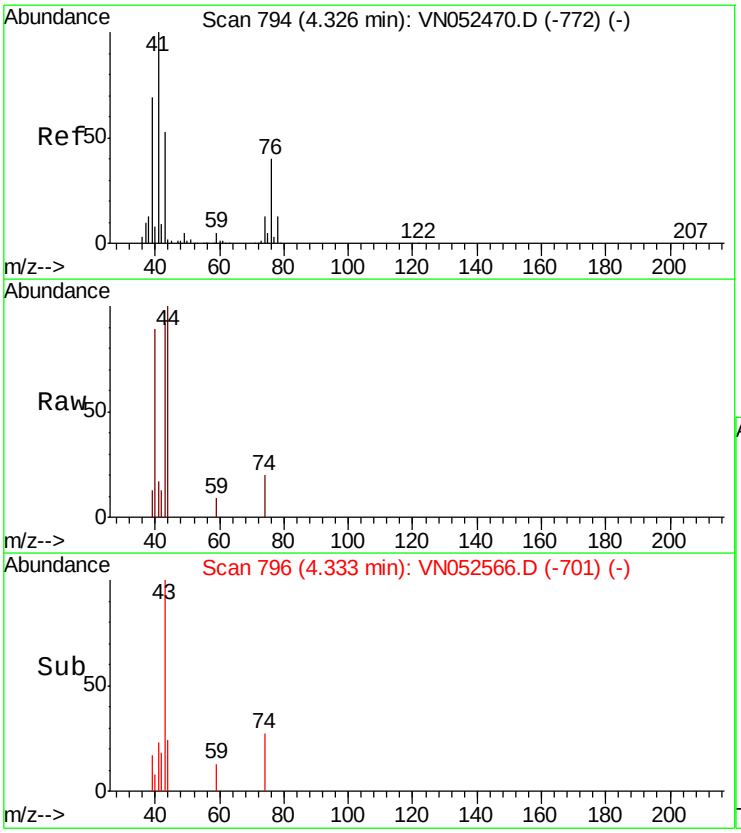
#16
Acetone
Concen: 8.166 ug/l
RT: 3.82 min Scan# 636
Delta R.T. 0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Tgt Ion: 43 Resp: 31835

Ion	Ratio	Lower	Upper
43	100		
58	30.0	26.0	39.0

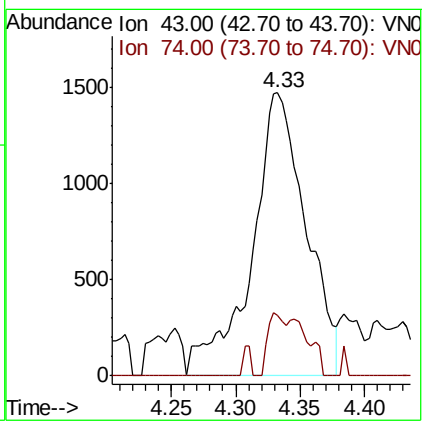


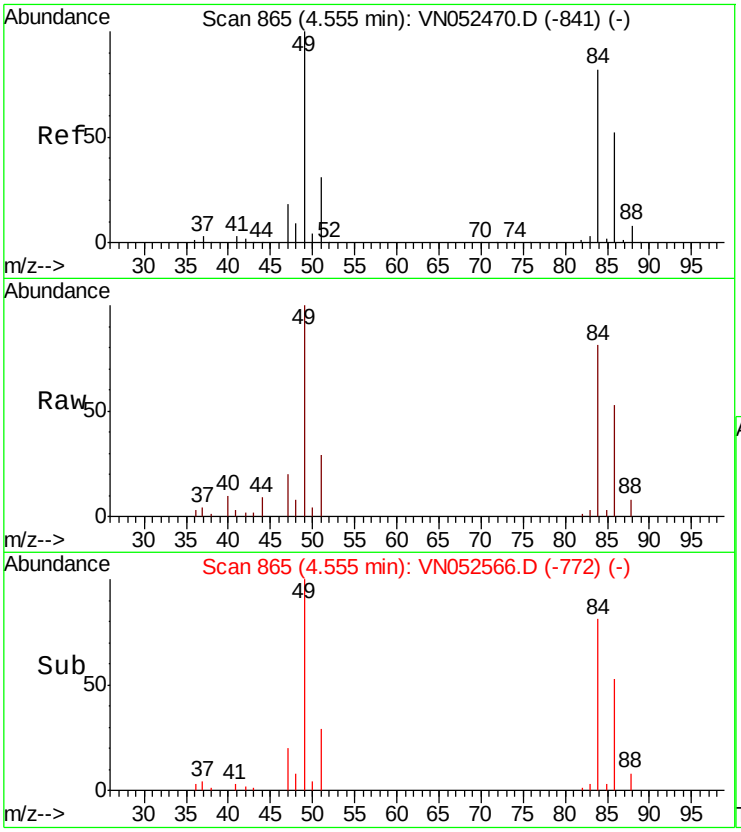


#18
Methyl Acetate
Concen: 0.387 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 43 Resp: 4331

Ion	Ratio	Lower	Upper
43	100		
74	7.3	18.6	27.8#



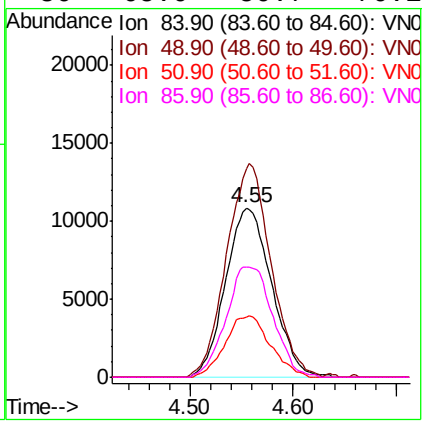


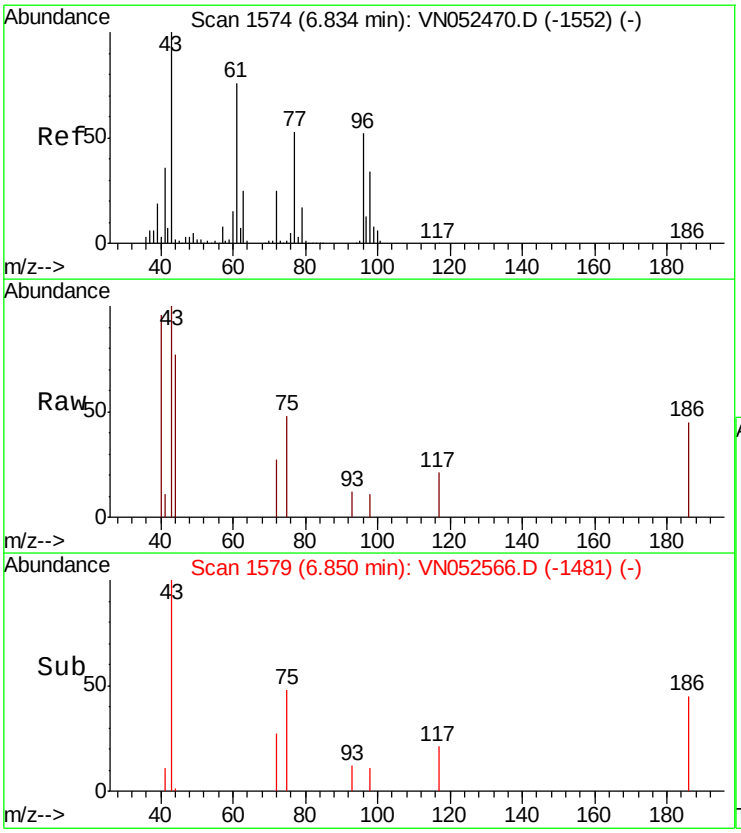
#20
Methylene Chloride
Concen: 2.215 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument : MSVOA_N
ClientSampleId : PB115155ZHE#04

Tgt Ion: 84 Resp: 33785

Ion	Ratio	Lower	Upper
84	100		
49	123.3	98.0	147.0
51	35.5	30.1	45.1
86	65.0	50.7	76.1

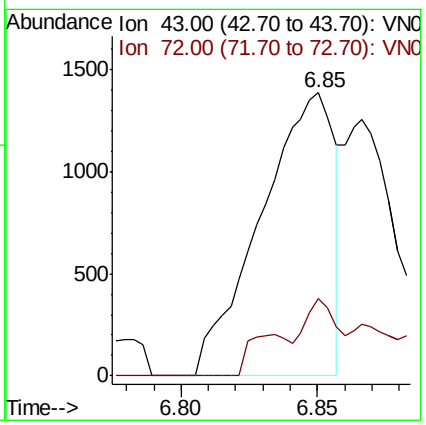


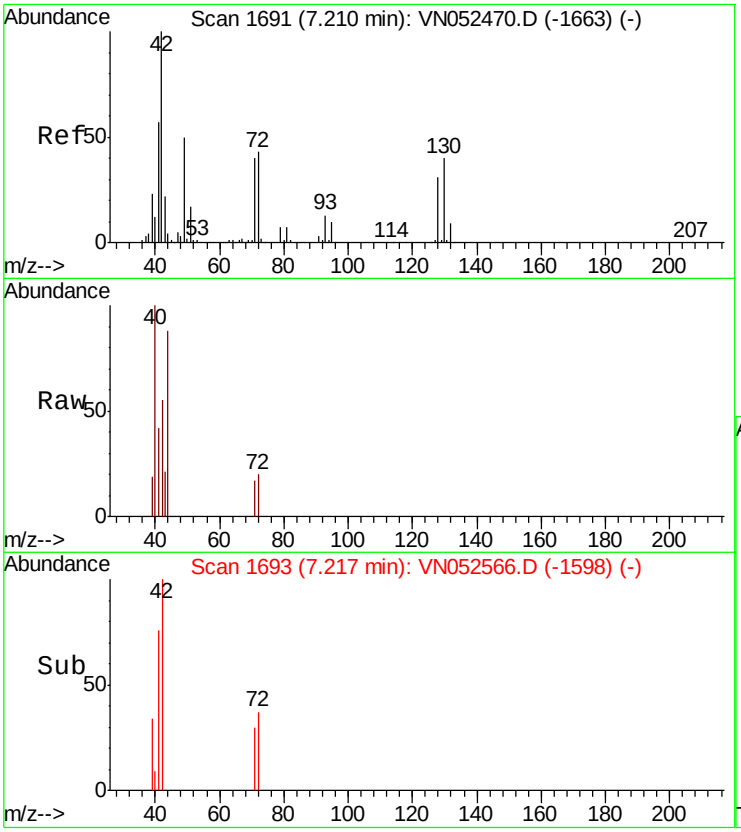


#25
2-Butanone
Concen: 0.469 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 43 Resp: 2590

Ion	Ratio	Lower	Upper
43	100		
72	27.4	20.1	30.1



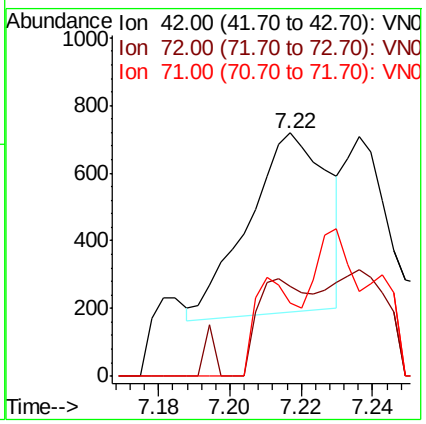


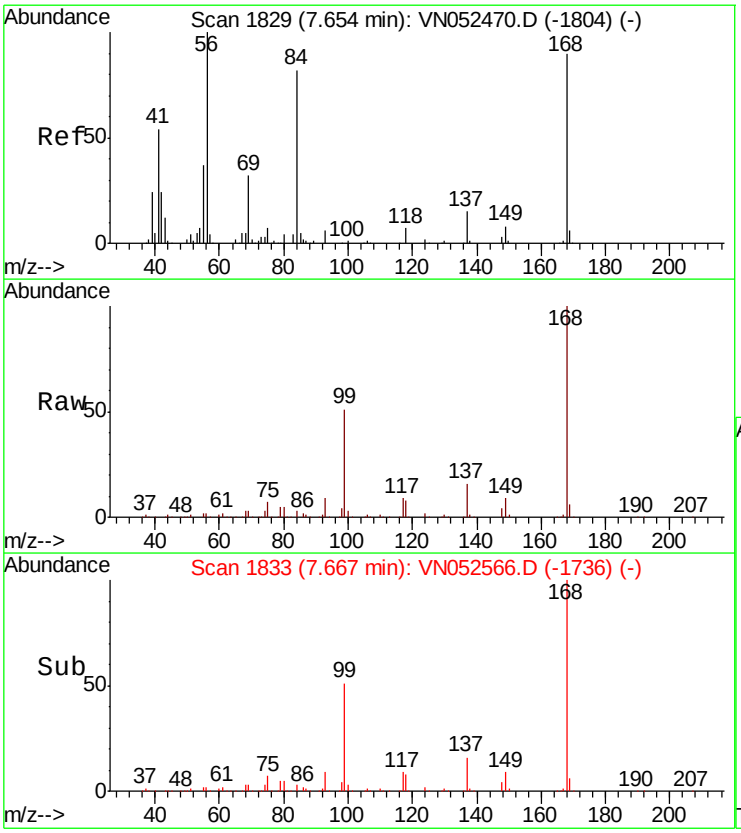
#29
Tetrahydrofuran
Concen: 0.230 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Tgt Ion: 42 Resp: 819

Ion	Ratio	Lower	Upper
42	100		
72	35.5	33.3	49.9
71	28.4	32.0	48.0#

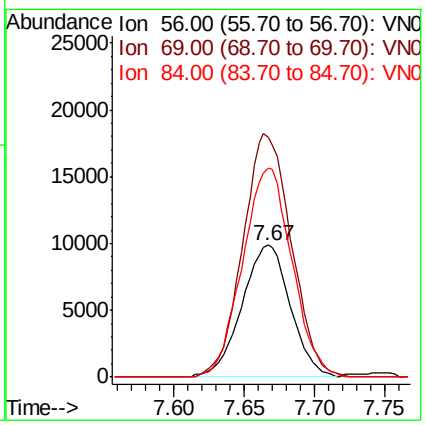


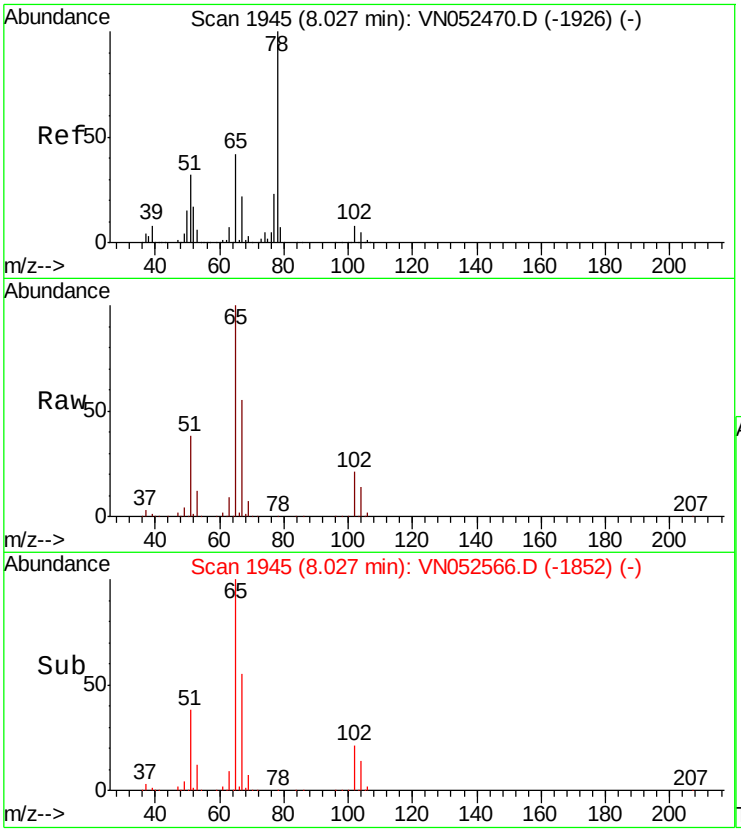


#31
Cyclohexane
Concen: 0.569 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 56 Resp: 23667

Ion	Ratio	Lower	Upper
56	100		
69	181.5	25.8	38.6#
84	158.3	65.3	97.9#



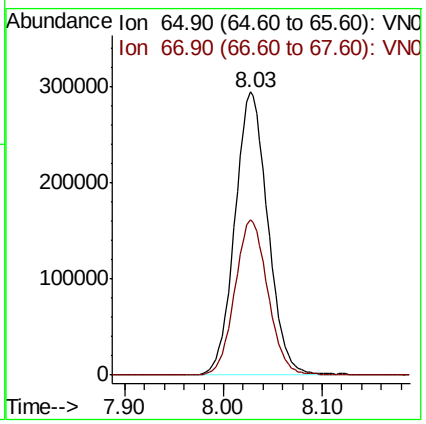


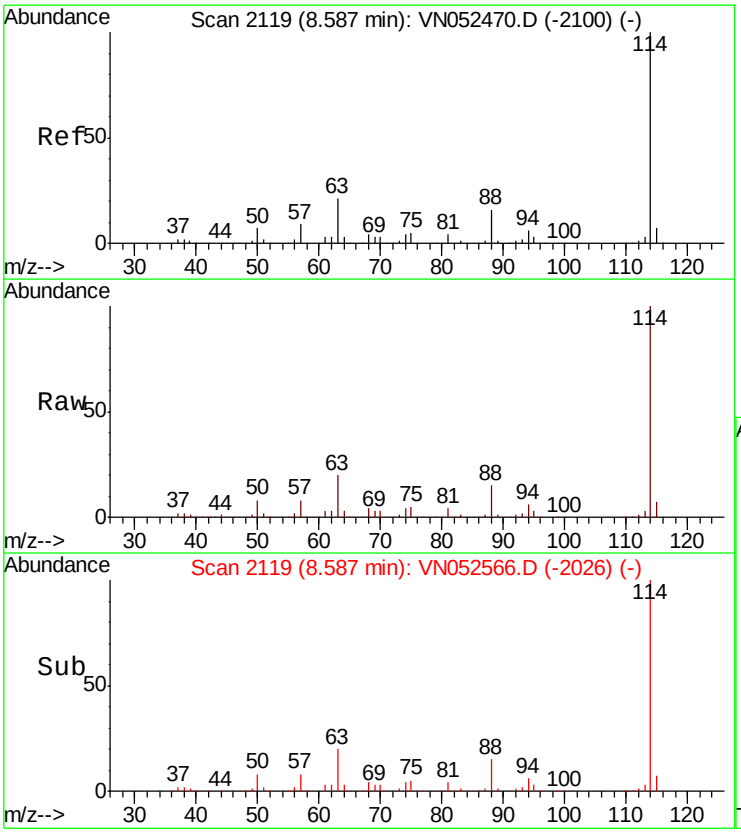
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument : MSVOA_N
ClientSampleId : PB115155ZHE#04

Tgt Ion: 65 Resp: 679840

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	109.8

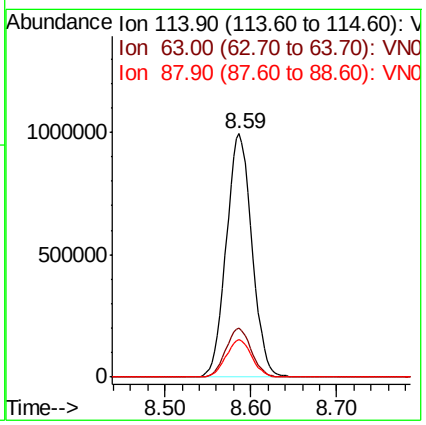


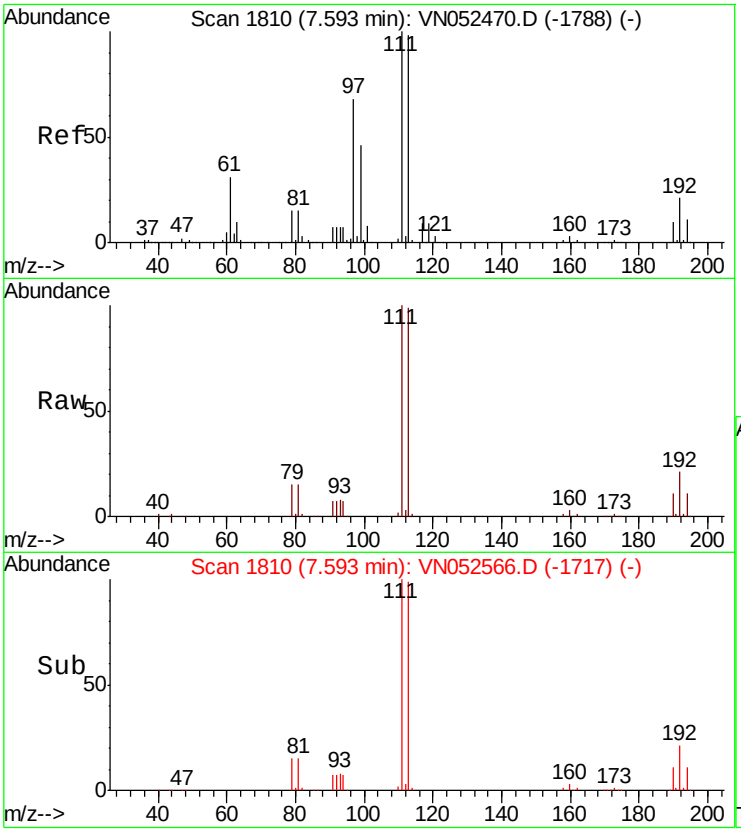


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion:114 Resp: 2051857

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.8
88	15.4	0.0	31.6



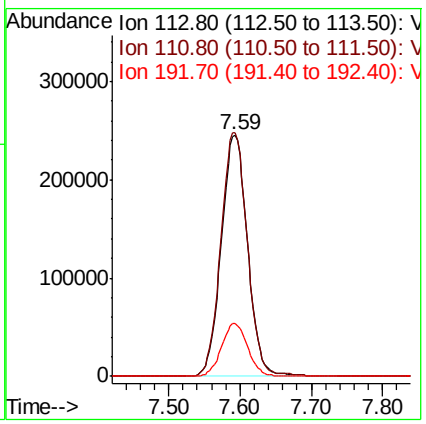


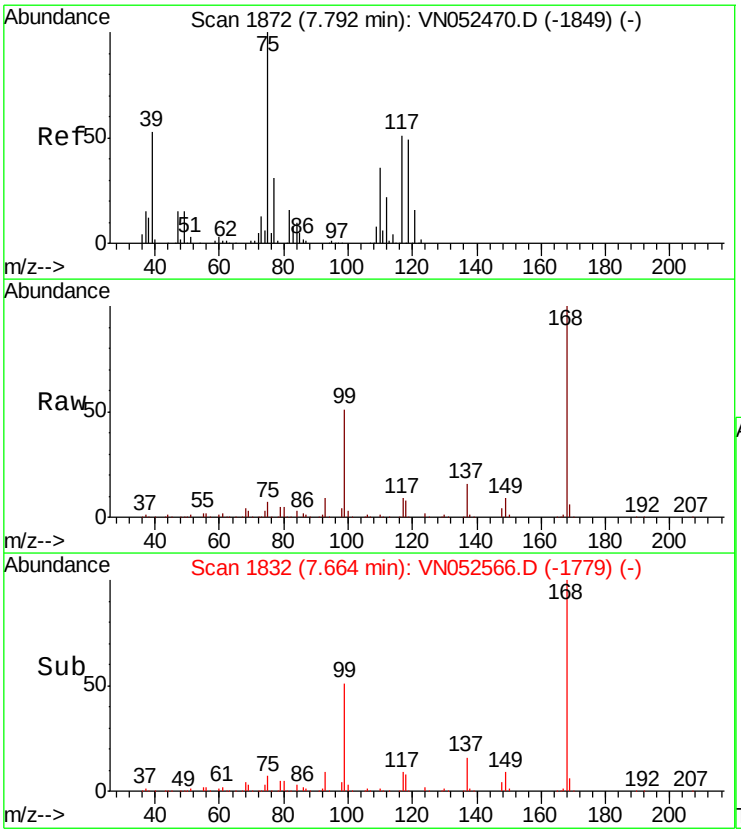
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Tgt Ion:113 Resp: 629554

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	21.9	17.0	25.6

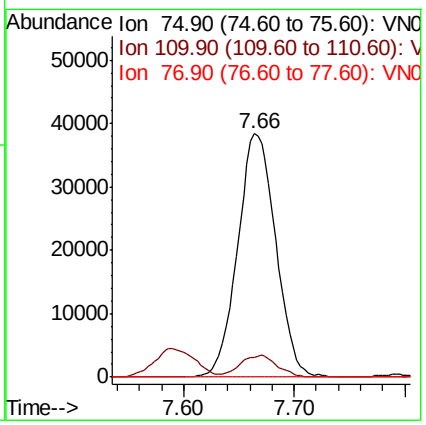


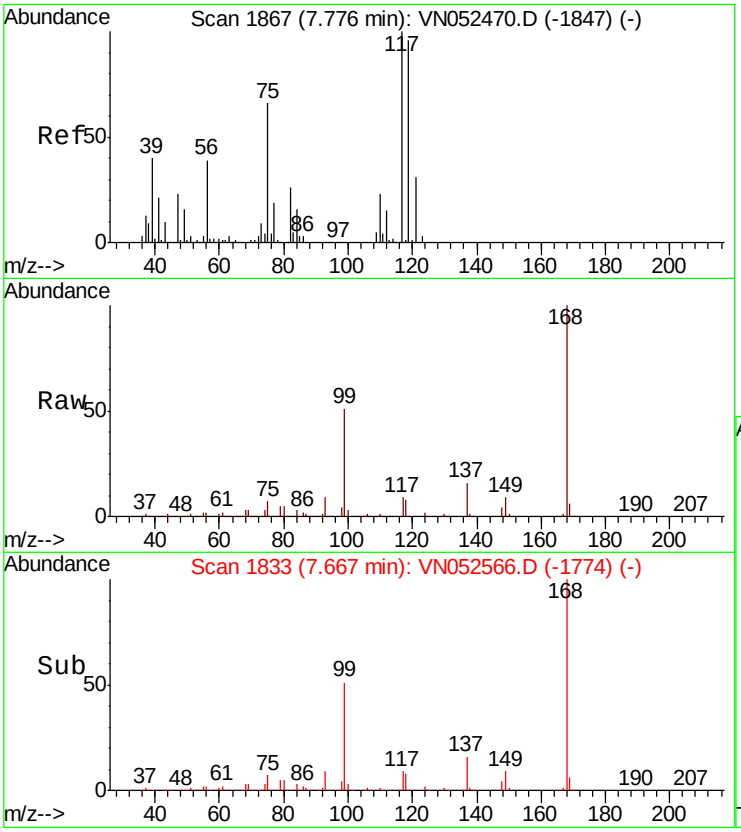


#36
1,1-Dichloropropene
Concen: 4.738 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 75 Resp: 91809

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.5	52.6#
77	0.0	24.5	36.7#



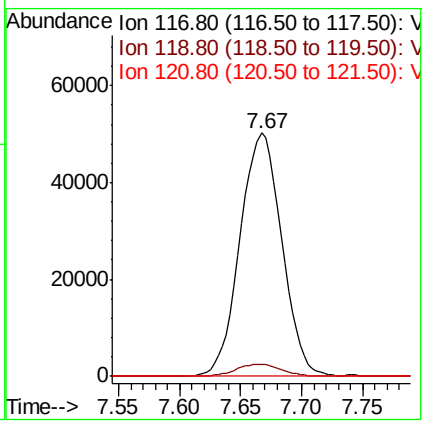


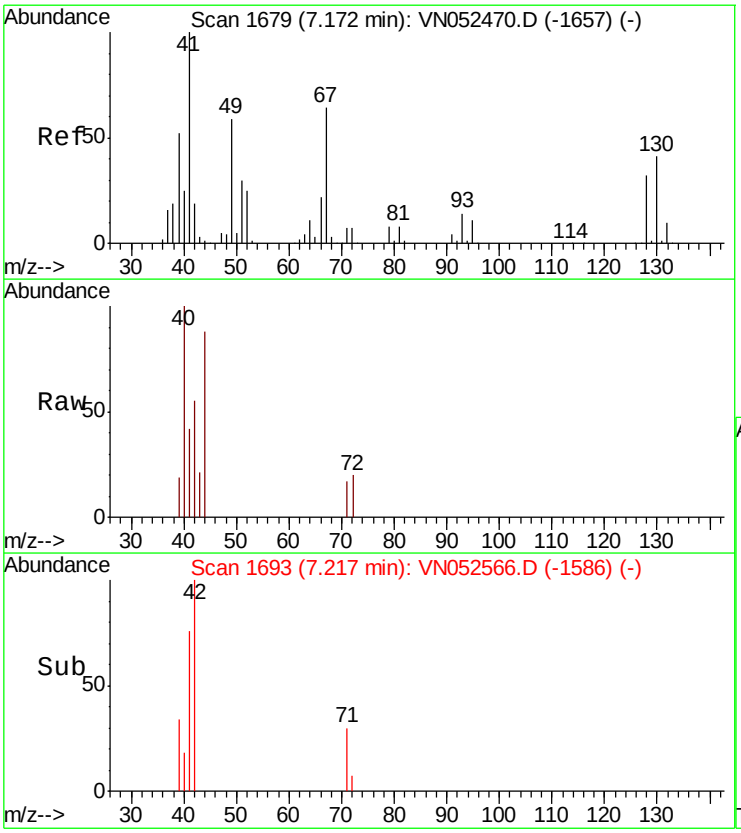
#38
Carbon Tetrachloride
Concen: 6.782 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Tgt Ion:117 Resp: 118967

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

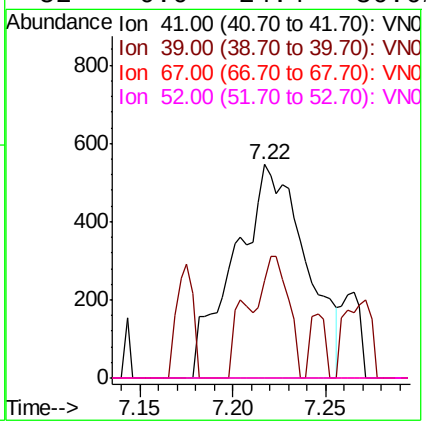


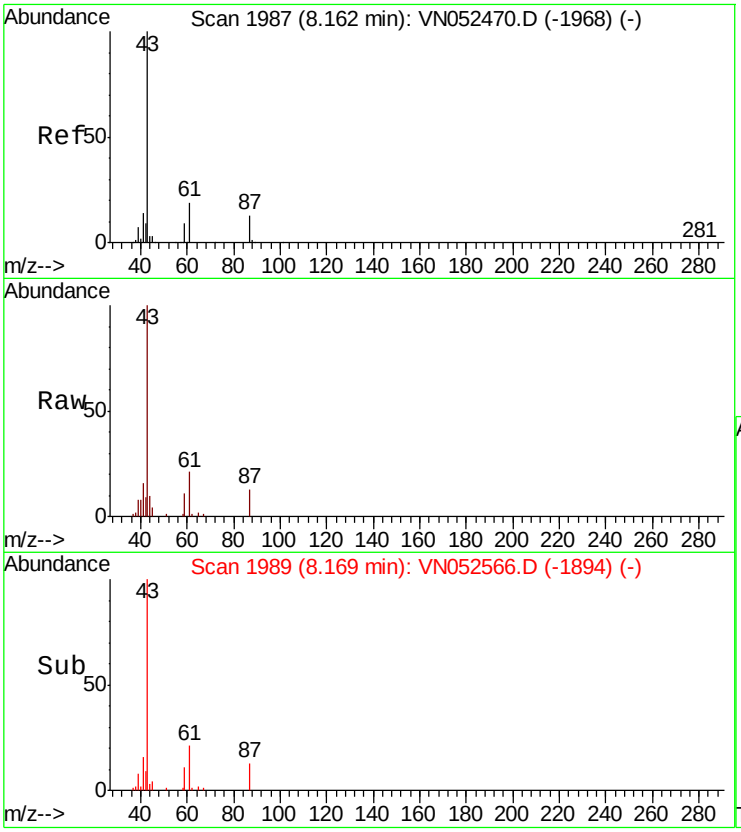


#41
Methacrylonitrile
Concen: 0.227 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.04 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 41 Resp: 1466

Ion	Ratio	Lower	Upper
41	100		
39	21.7	50.9	76.3#
67	0.0	63.6	95.4#
52	0.0	24.4	36.6#



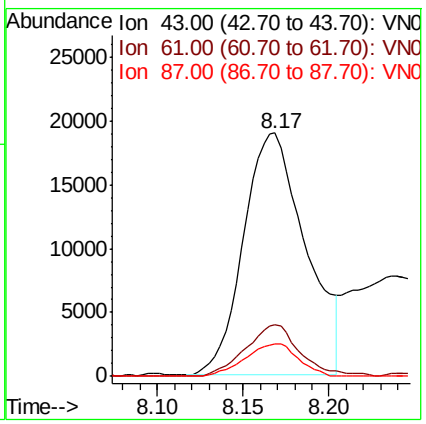


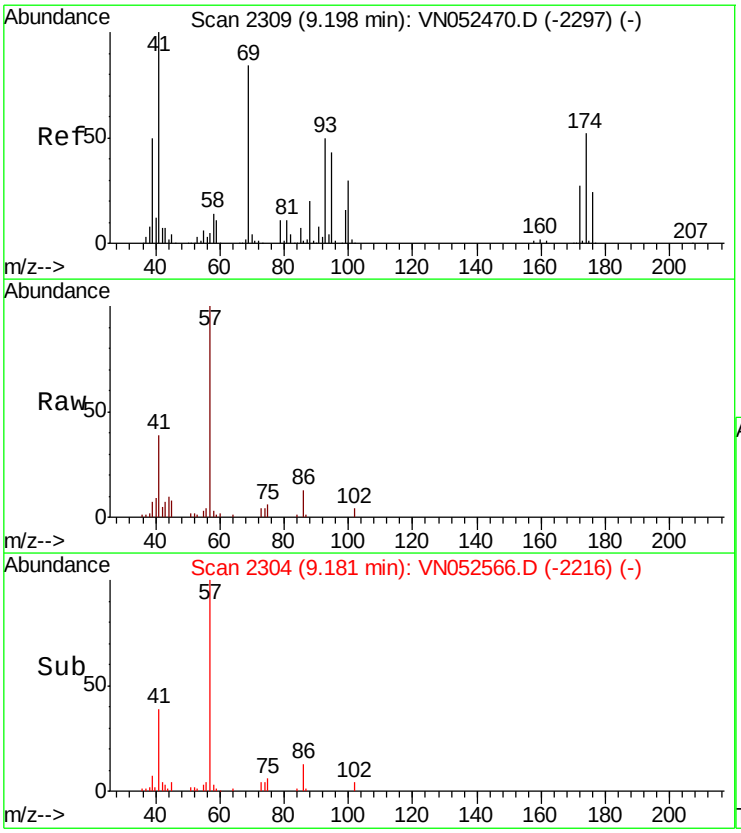
#43
Isopropyl Acetate
Concen: 2.377 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.01 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument : MSVOA_N
ClientSampleId : PB115155ZHE#04

Tgt Ion: 43 Resp: 47559

Ion	Ratio	Lower	Upper
43	100		
61	18.7	24.1	36.1#
87	11.5	10.6	15.8

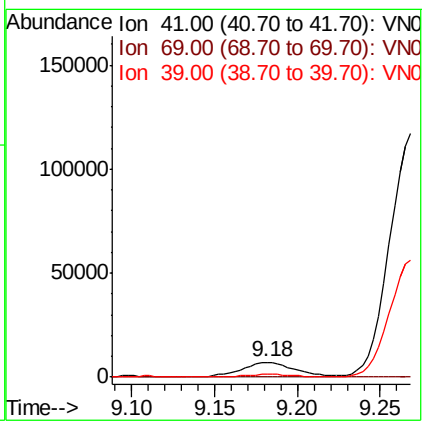


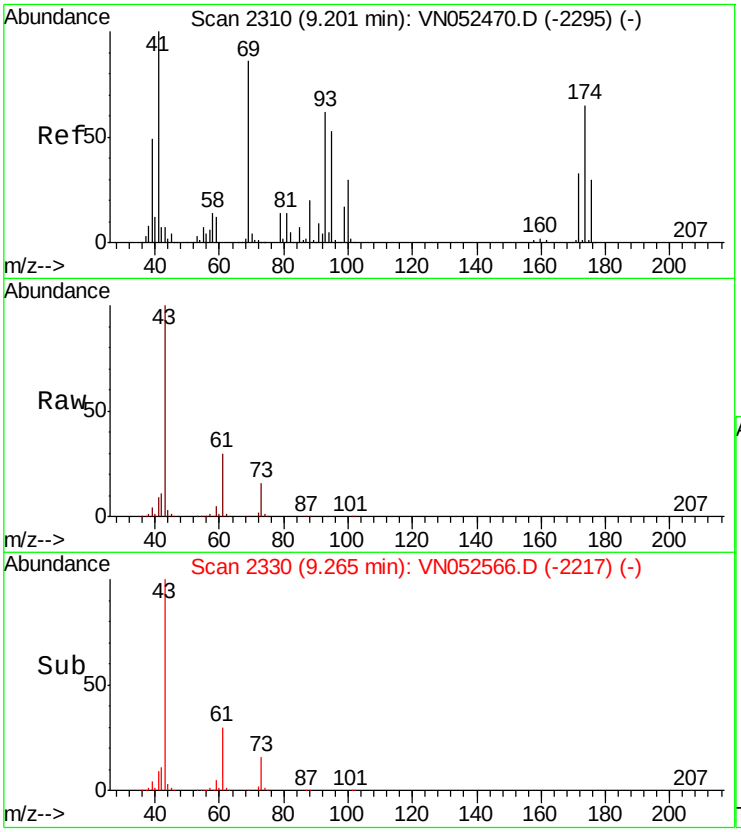


#48
Methyl methacrylate
Concen: 1.433 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 41 Resp: 14953

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



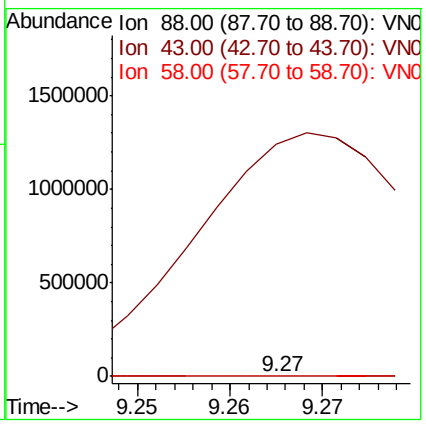


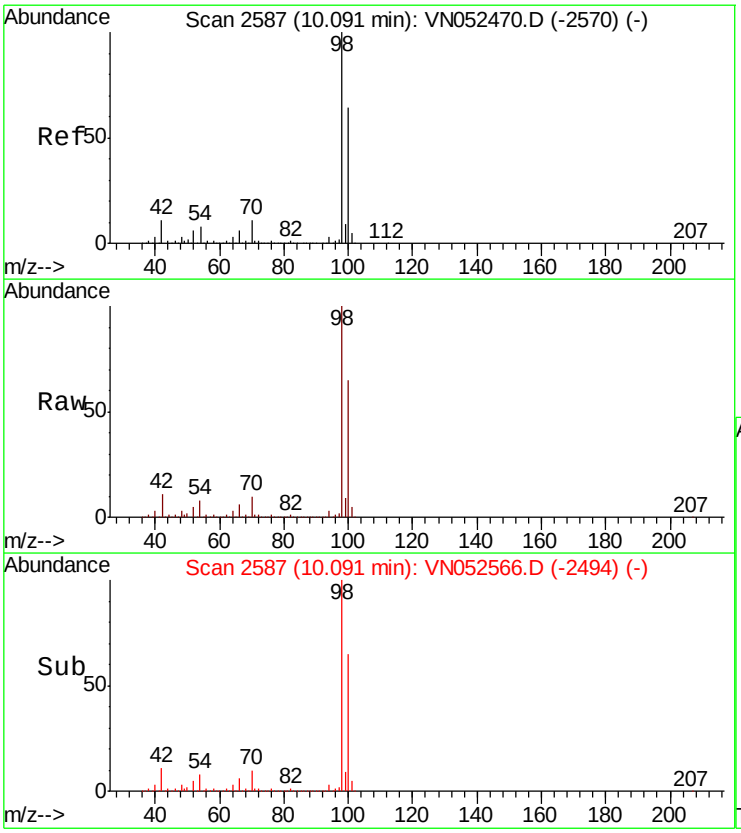
#49
1,4-Dioxane
Concen: 0.997 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Tgt Ion: 88 Resp: 108

Ion	Ratio	Lower	Upper
88	100		
43	2260158.3	26.4	39.6#
58	9857.4	55.4	83.0#

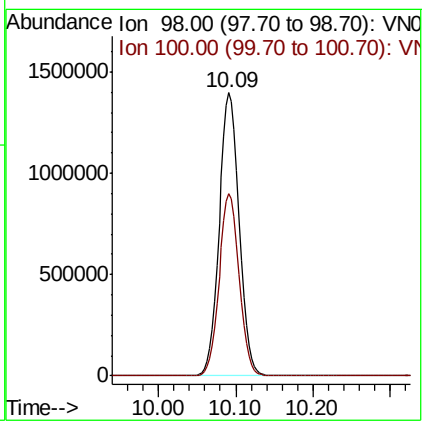


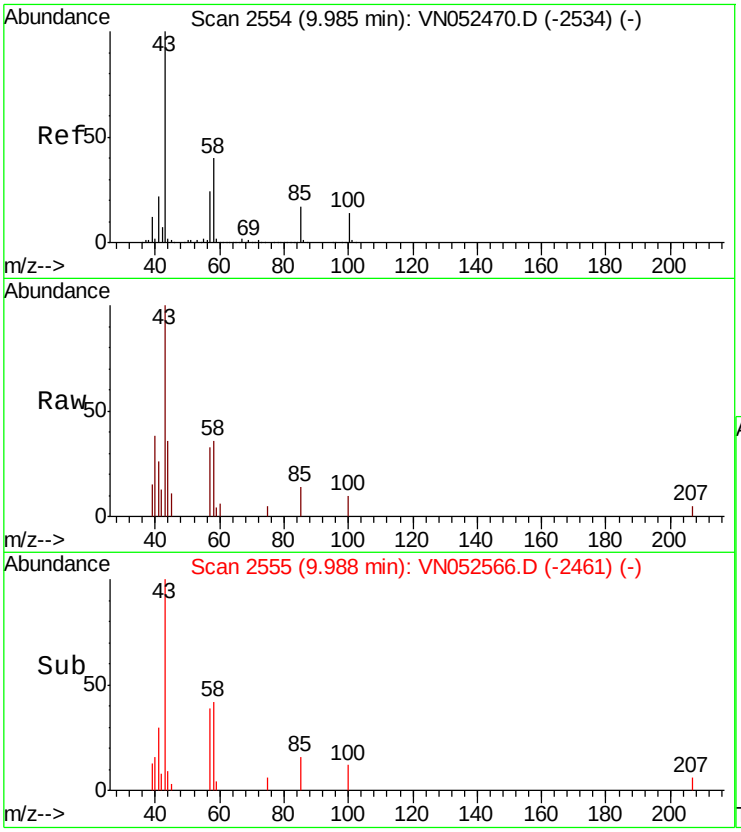


#50
Toluene-d8
Concen: 0.997 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 98 Resp: 2514800

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.3	76.9



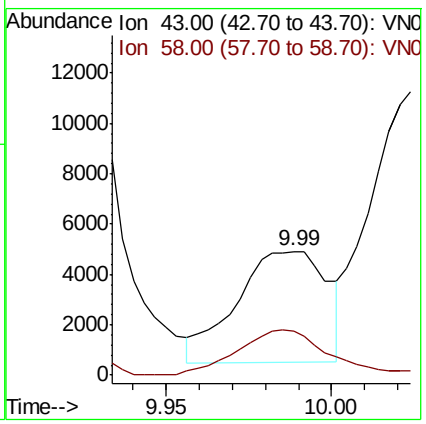


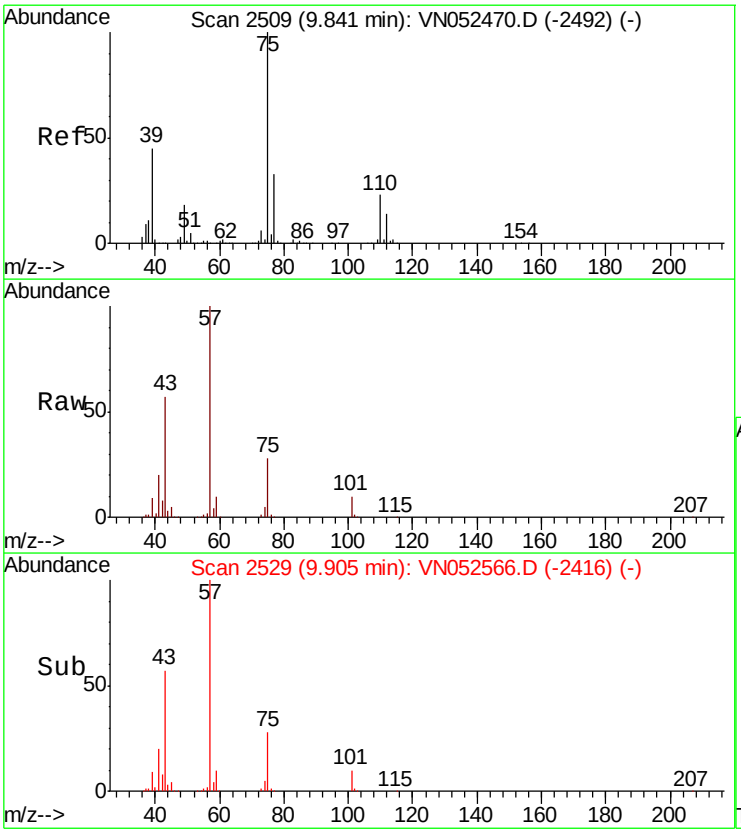
#51
4-Methyl-2-Pentanone
Concen: 0.750 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument : MSVOA_N
ClientSampleId : PB115155ZHE#04

Tgt Ion: 43 Resp: 8424

Ion	Ratio	Lower	Upper
43	100		
58	40.7	31.5	47.3

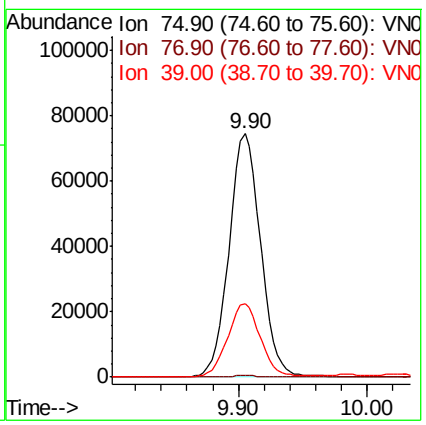


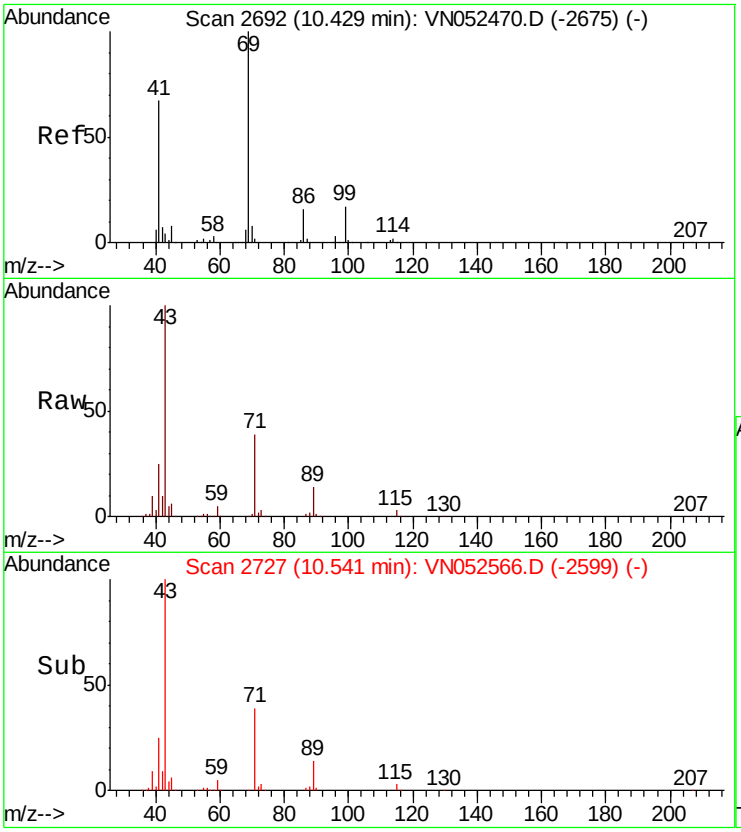


#54
cis-1,3-Dichloropropene
Concen: 5.942 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 75 Resp: 126568

Ion	Ratio	Lower	Upper
75	100		
77	0.7	26.2	39.2#
39	30.0	36.0	54.0#



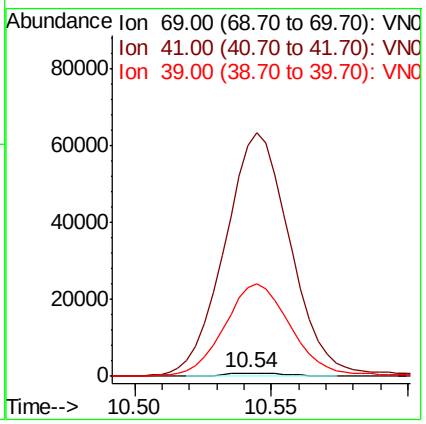


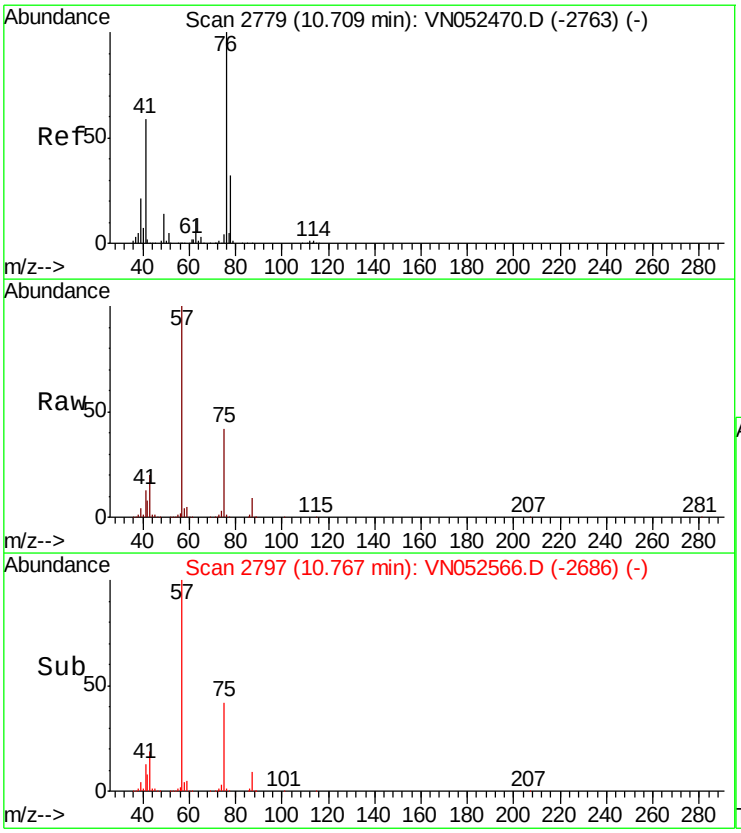
#56
Ethyl methacrylate
Concen: 2.772 ug/l
RT: 10.54 min Scan# 2727
Delta R.T. 0.11 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument : MSVOA_N
ClientSampleId : PB115155ZHE#04

Tgt Ion: 69 Resp: 1396

Ion	Ratio	Lower	Upper
69	100		
41	7564.5	52.6	79.0#
39	2947.6	25.9	38.9#

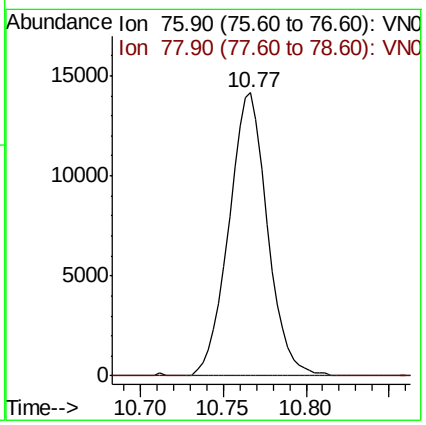


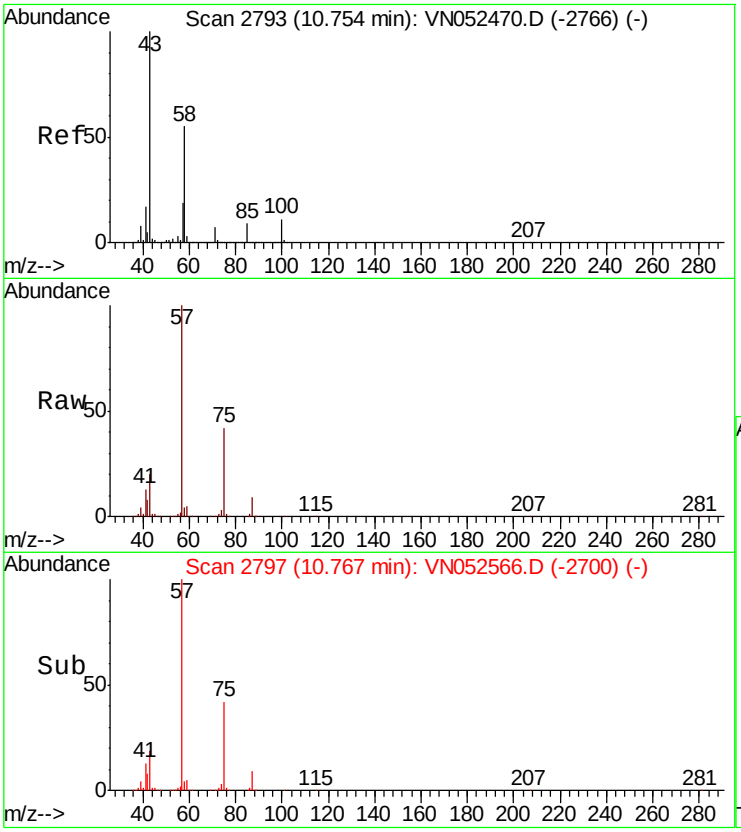


#57
1,3-Dichloropropane
Concen: 1.073 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.06 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 76 Resp: 22866

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



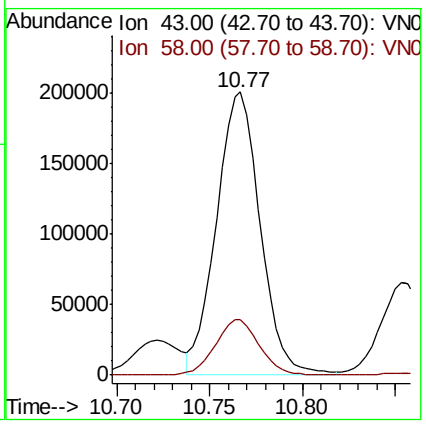


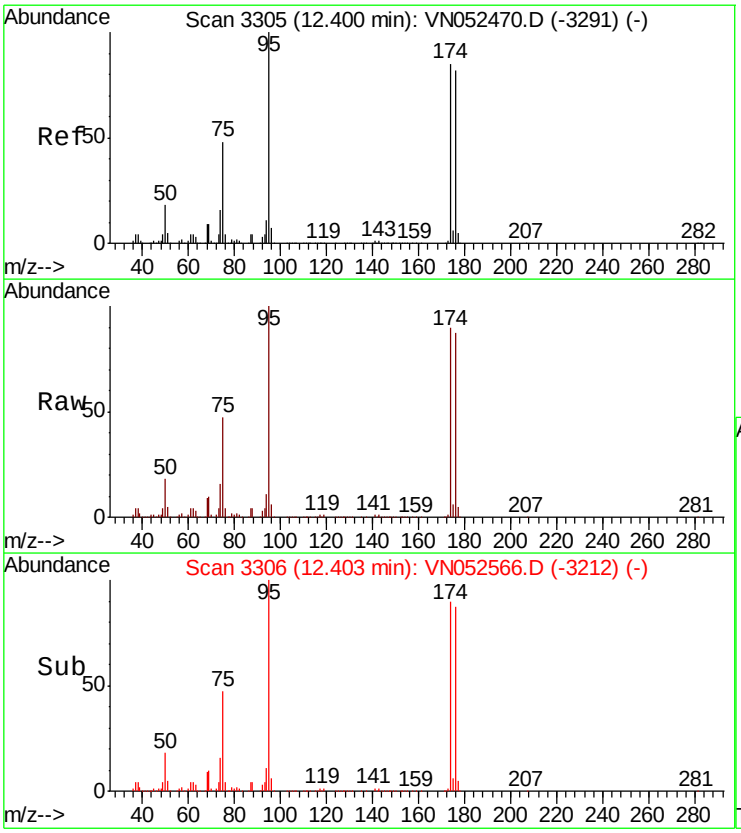
#59
2-Hexanone
Concen: 43.405 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument : MSVOA_N
ClientSampleId : PB115155ZHE#04

Tgt Ion: 43 Resp: 327085

Ion	Ratio	Lower	Upper
43	100		
58	20.1	27.4	82.0#

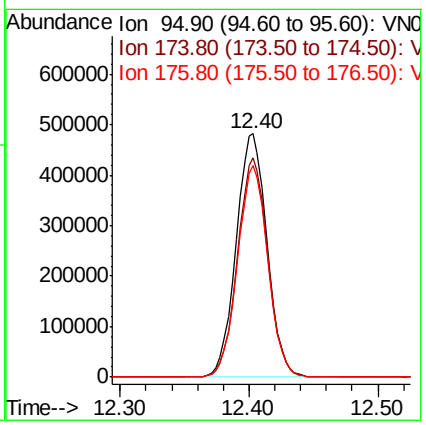


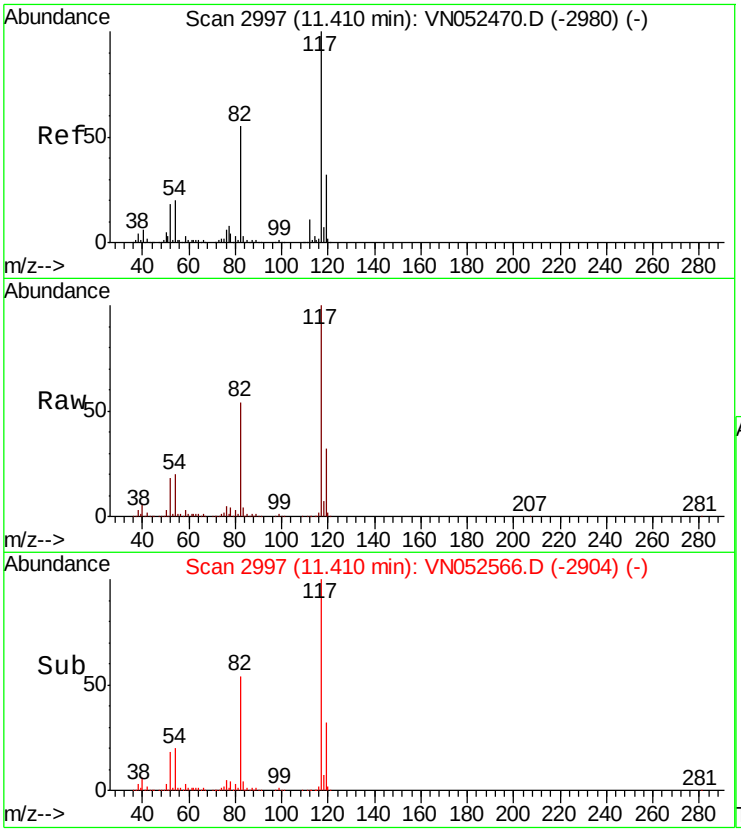


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 95 Resp: 799089

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	173.0
176	85.5	0.0	166.2



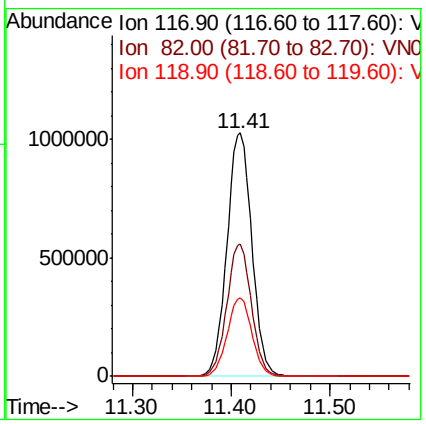


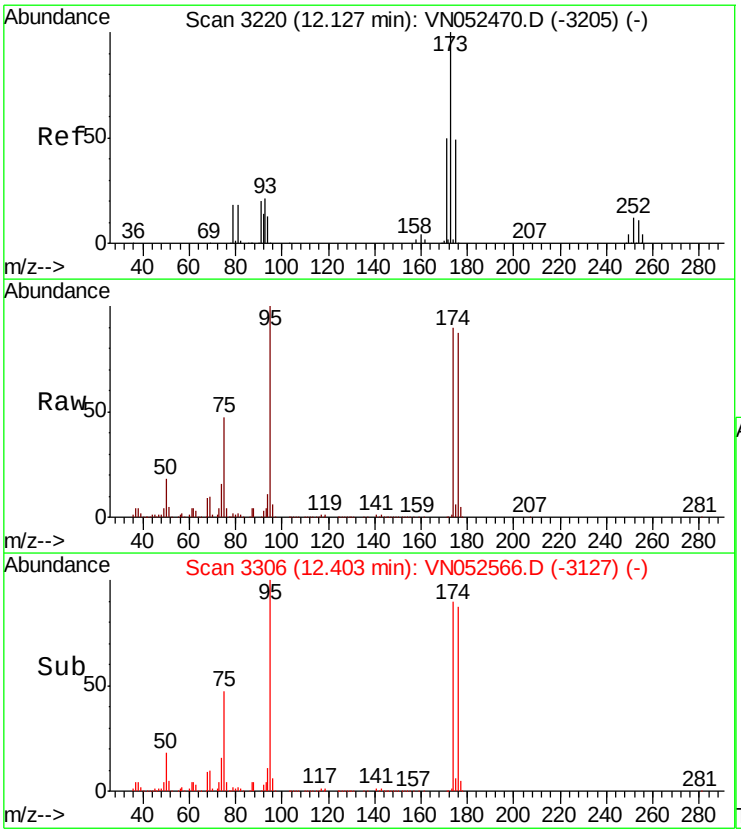
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Tgt Ion:117 Resp: 1810626

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.6	65.4
119	32.4	25.4	38.2

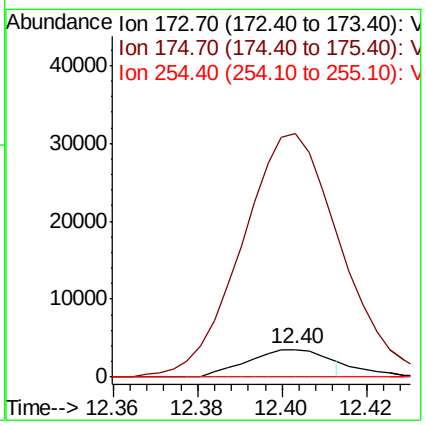


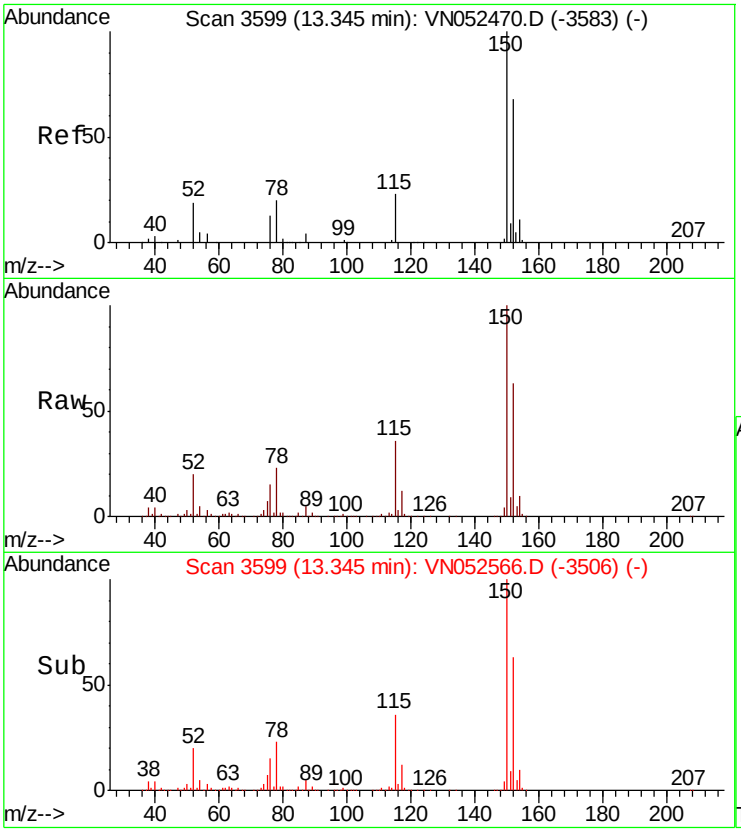


#71
Bromoform
Concen: 0.542 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion:173 Resp: 4662

Ion	Ratio	Lower	Upper
173	100		
175	940.5	24.4	73.2#
254	0.0	0.1	0.1#



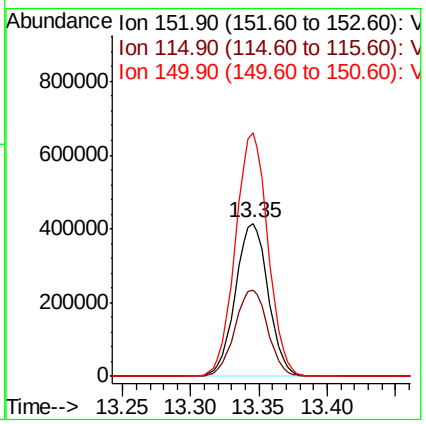


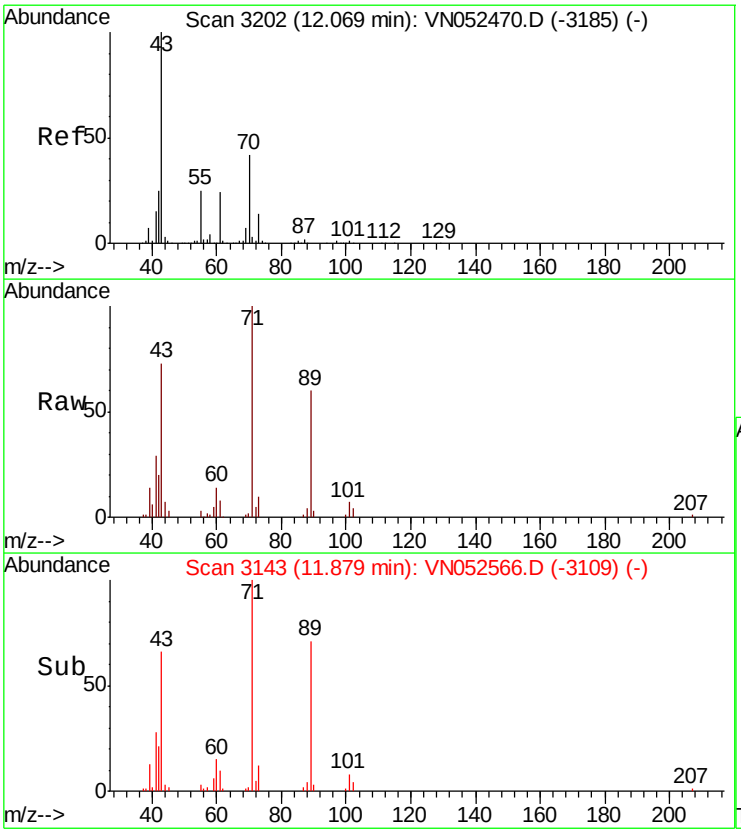
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument : MSVOA_N
ClientSampleId : PB115155ZHE#04

Tgt Ion:152 Resp: 691651

Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.4	85.2
150	158.1	0.0	346.0

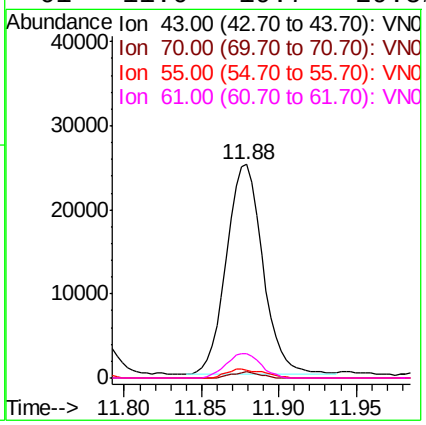


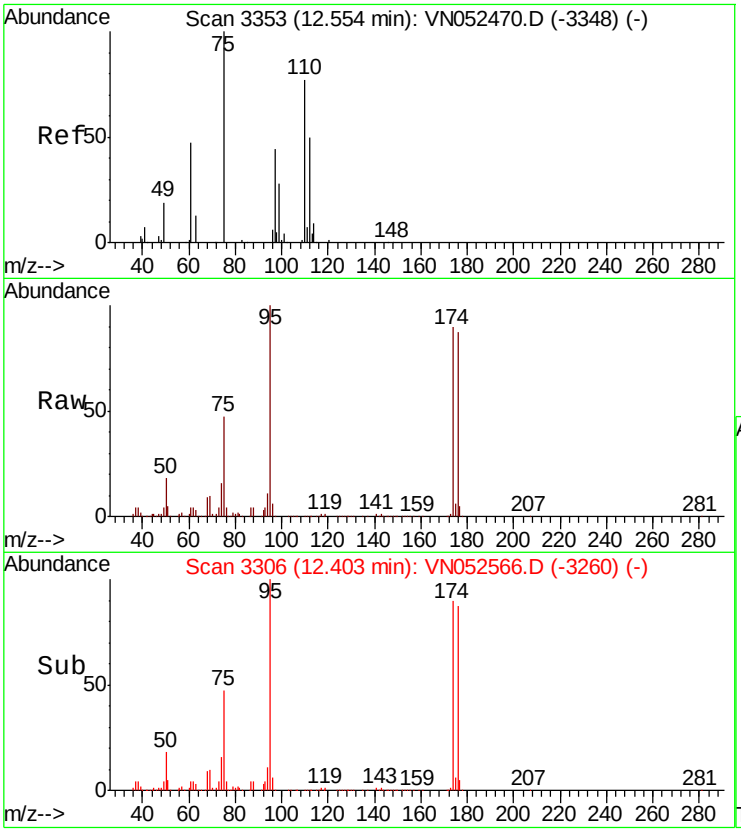


#74
N-amyl acetate
Concen: 2.974 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion: 43 Resp: 40775

Ion	Ratio	Lower	Upper
43	100		
70	2.2	33.8	50.8#
55	4.3	20.0	30.0#
61	11.0	19.7	29.5#



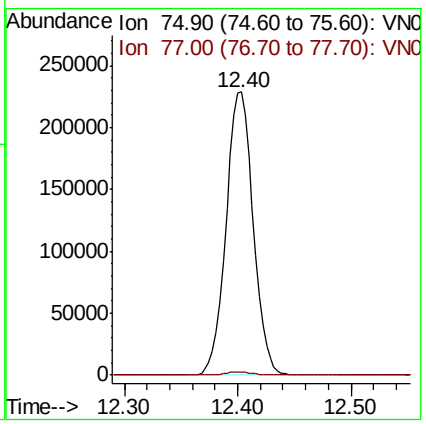


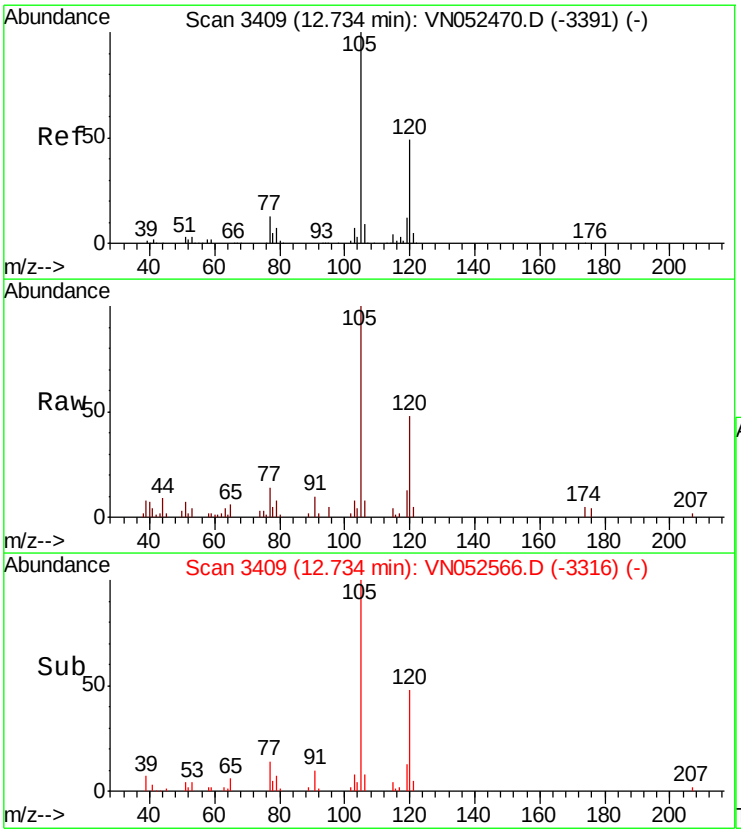
#76
1,2,3-Trichloropropane
Concen: 35.686 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Tgt Ion: 75 Resp: 380616

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

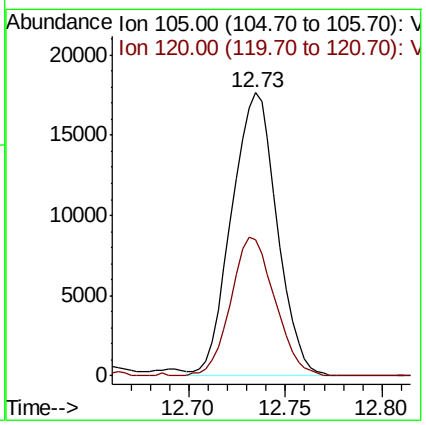


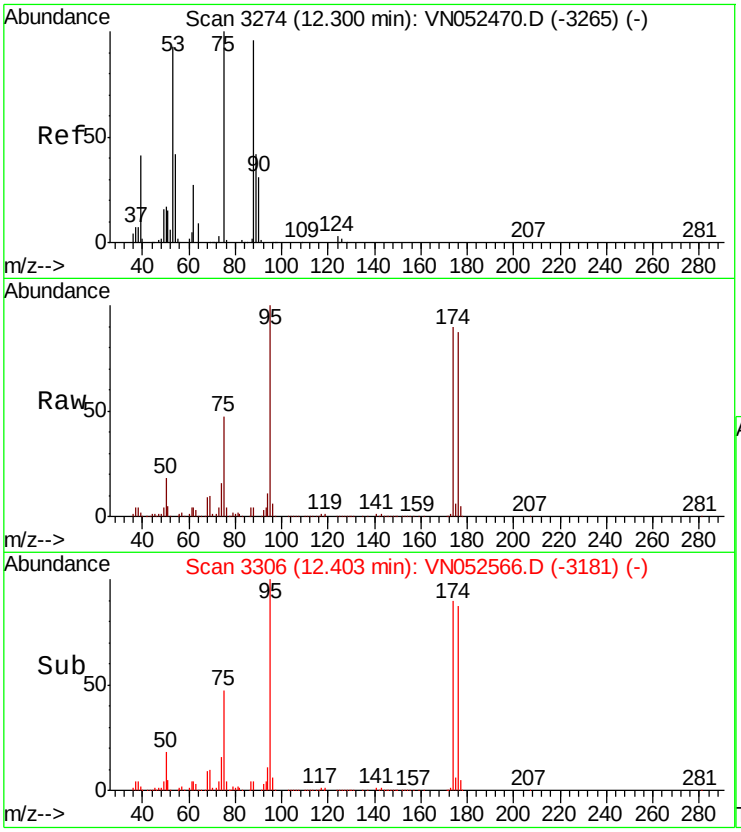


#80
1,3,5-Trimethylbenzene
Concen: 0.668 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion:105 Resp: 28893

Ion	Ratio	Lower	Upper
105	100		
120	47.4	24.3	73.0



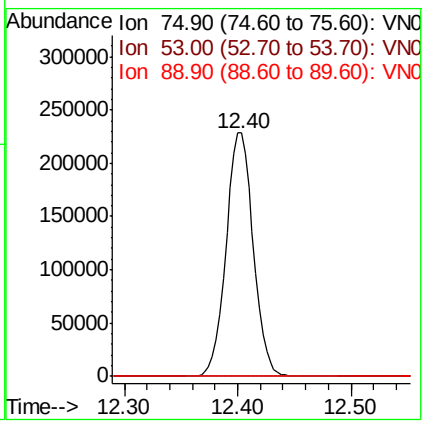


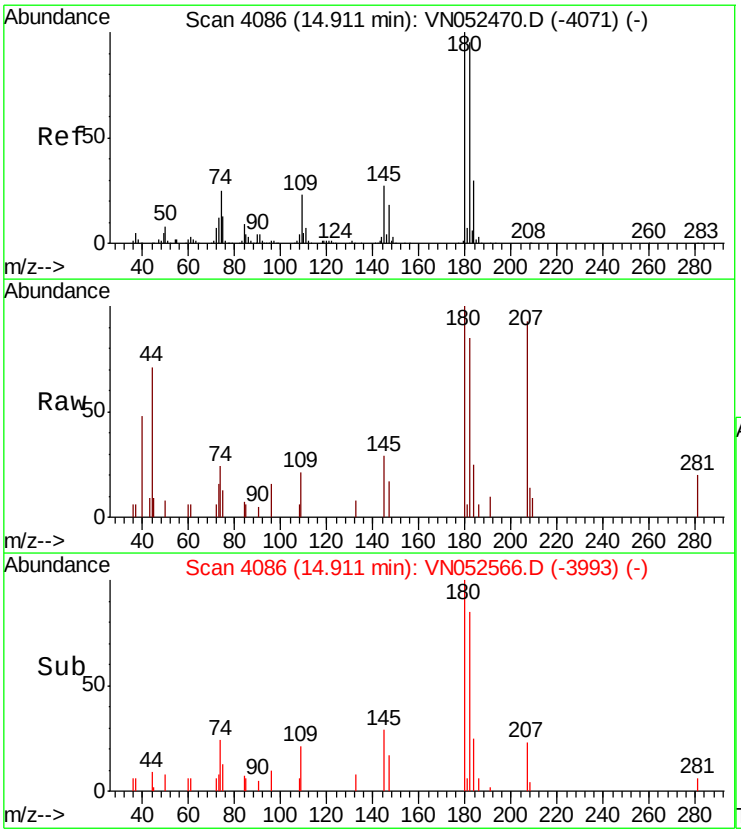
#81
trans-1,4-Dichloro-2-butene
Concen: 119.175 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Tgt Ion: 75 Resp: 380616

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

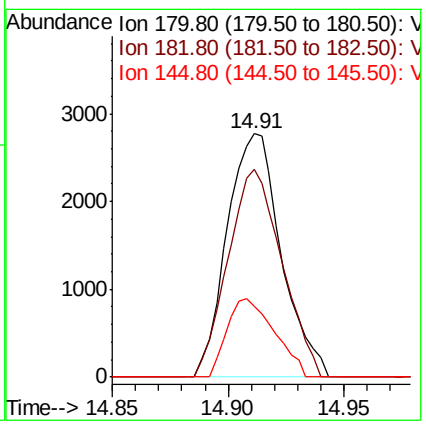


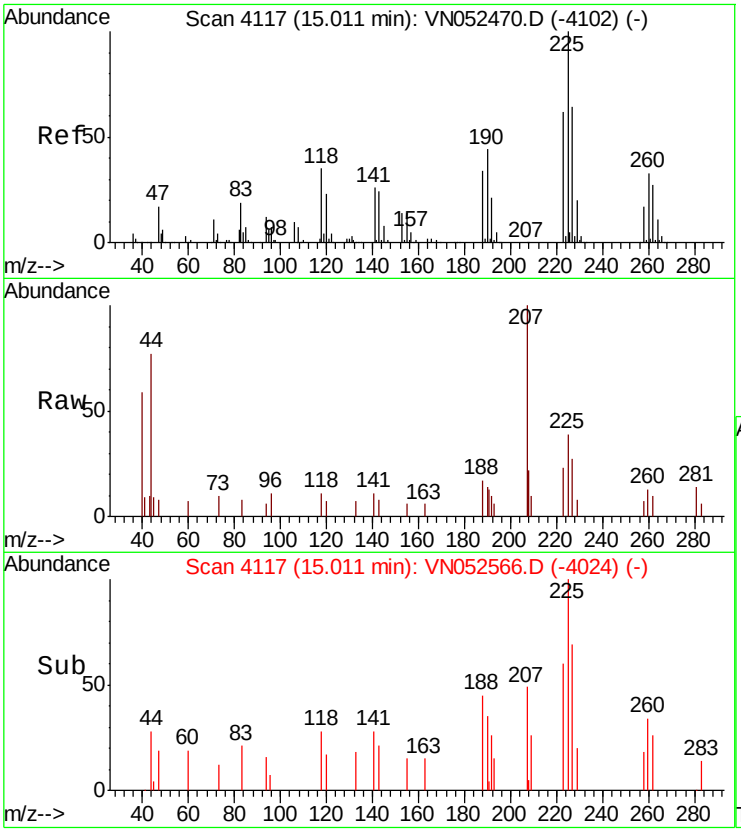


#93
1,2,4-Trichlorobenzene
Concen: 3.175 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion:180 Resp: 4492

Ion	Ratio	Lower	Upper
180	100		
182	84.9	47.8	143.4
145	28.3	14.1	42.3



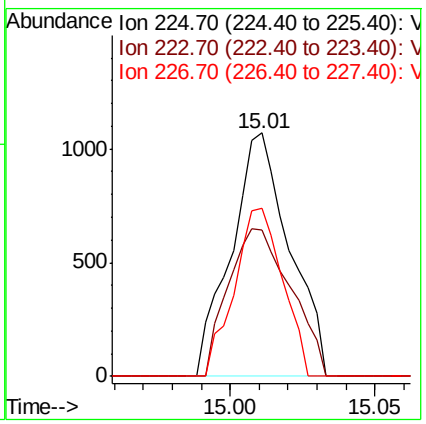


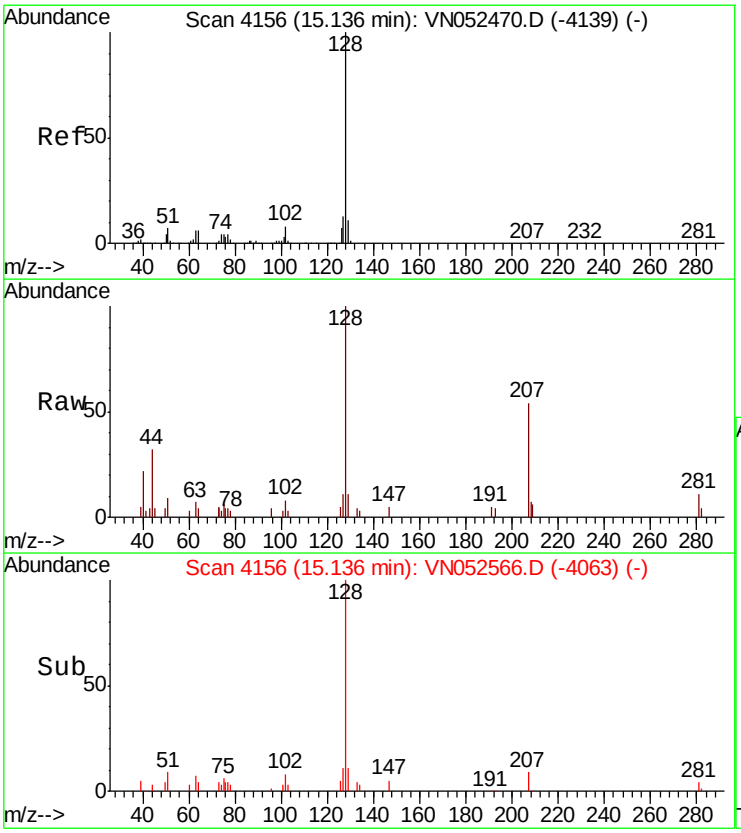
#94
Hexachlorobutadiene
Concen: 0.208 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. -0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Tgt Ion:225 Resp: 1503

Ion	Ratio	Lower	Upper
225	100		
223	64.9	31.4	94.2
227	56.8	32.5	97.4

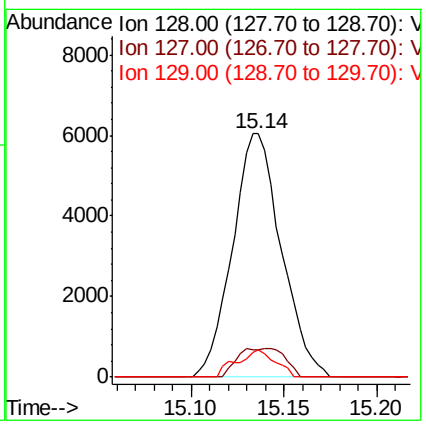


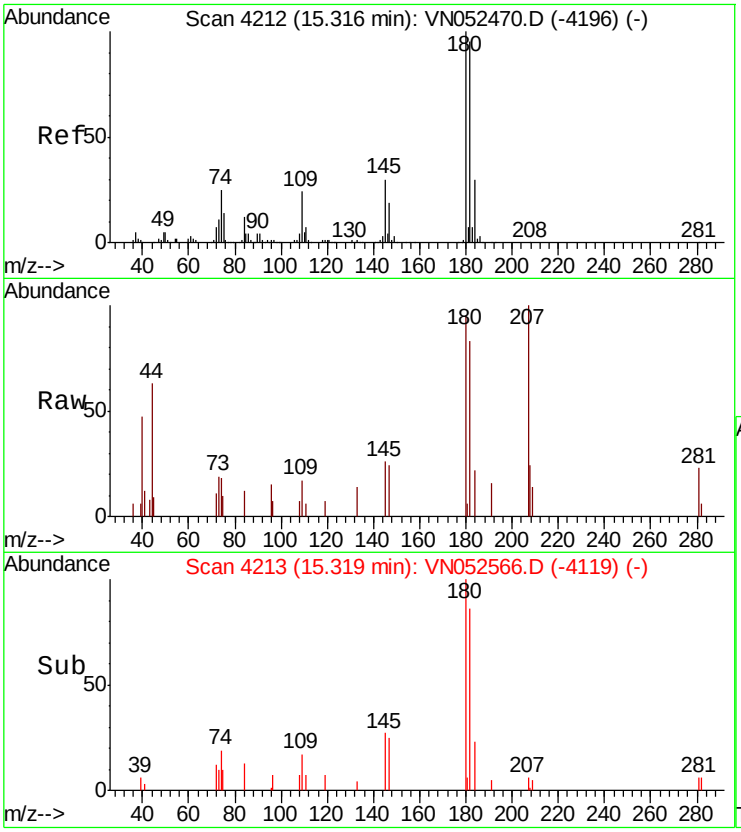


#95
Naphthalene
Concen: 3.824 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Tgt Ion:128 Resp: 11060

Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.2	15.2
129	8.7	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 3.113 ug/l
RT: 15.32 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN052566.D
Acq: 29 Nov 2018 15:45

Instrument :
MSVOA_N
ClientSampleId :
PB115155ZHE#04

Tgt Ion:180 Resp: 4607

Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.8	143.3
145	28.9	15.2	45.5