Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120518\
Data File : VN052669.D
Acq On : 5 Dec 2018 11:59
Operator : MD\SY
Sample : PB115330TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : PB115330TB

Quant Time: Dec 06 04:26:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	1158307	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	1773959	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	1556372	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	568251	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	607617	48.18	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.36%				
35) Dibromofluoromethane	7.59	113	552820	50.55	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.10%				
50) Toluene-d8	10.09	98	2181128	51.24	ug/l		0.00
Spiked Amount 50.000			Recovery = 102.48%				
62) 4-Bromofluorobenzene	12.40	95	670107	46.84	ug/l		0.00
Spiked Amount 50.000			Recovery = 93.68%				
Target Compounds							Qvalue
13) Acrolein	3.61	56	521	0.475	ug/l	#	79
16) Acetone	3.82	43	18494	5.560	ug/l		98
17) Carbon Disulfide	4.06	76	6909	0.202	ug/l		98
20) Methylene Chloride	4.55	84	33617	2.582	ug/l		94
25) 2-Butanone	6.85	43	1045	0.222	ug/l	#	89
29) Tetrahydrofuran	7.23	42	1883	0.619	ug/l	#	53
31) Cyclohexane	7.66	56	20065	0.563	ug/l	#	1
36) 1,1-Dichloropropene	7.66	75	80422	4.801	ug/l	#	50
38) Carbon Tetrachloride	7.67	117	101674	6.705	ug/l	#	16
43) Isopropyl Acetate	8.17	43	45178	2.611	ug/l	#	89
45) 1,2-Dichloropropane	9.27	63	3470	0.261	ug/l	#	43
48) Methyl methacrylate	9.18	41	14406	1.597	ug/l	#	13
49) 1,4-Dioxane	9.27	88	281	3.001	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.02	43	18670	1.923	ug/l	#	36
54) cis-1,3-Dichloropropene	9.91	75	123138	6.686	ug/l	#	63
56) Ethyl methacrylate	10.43	69	194	2.706	ug/l	#	25
57) 1,3-Dichloropropane	10.76	76	25026	1.358	ug/l	#	43
59) 2-Hexanone	10.76	43	348843	53.544	ug/l	#	51
76) 1,2,3-Trichloropropane	12.40	75	321420	36.680	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	10543	0.297	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.40	75	321420	122.495	ug/l	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	4834	3.282	ug/l		89
94) Hexachlorobutadiene	15.01	225	1317	0.222	ug/l		83
95) Naphthalene	15.13	128	13146	4.001	ug/l		98
96) 1,2,3-Trichlorobenzene	15.32	180	5163	3.253	ug/l		96

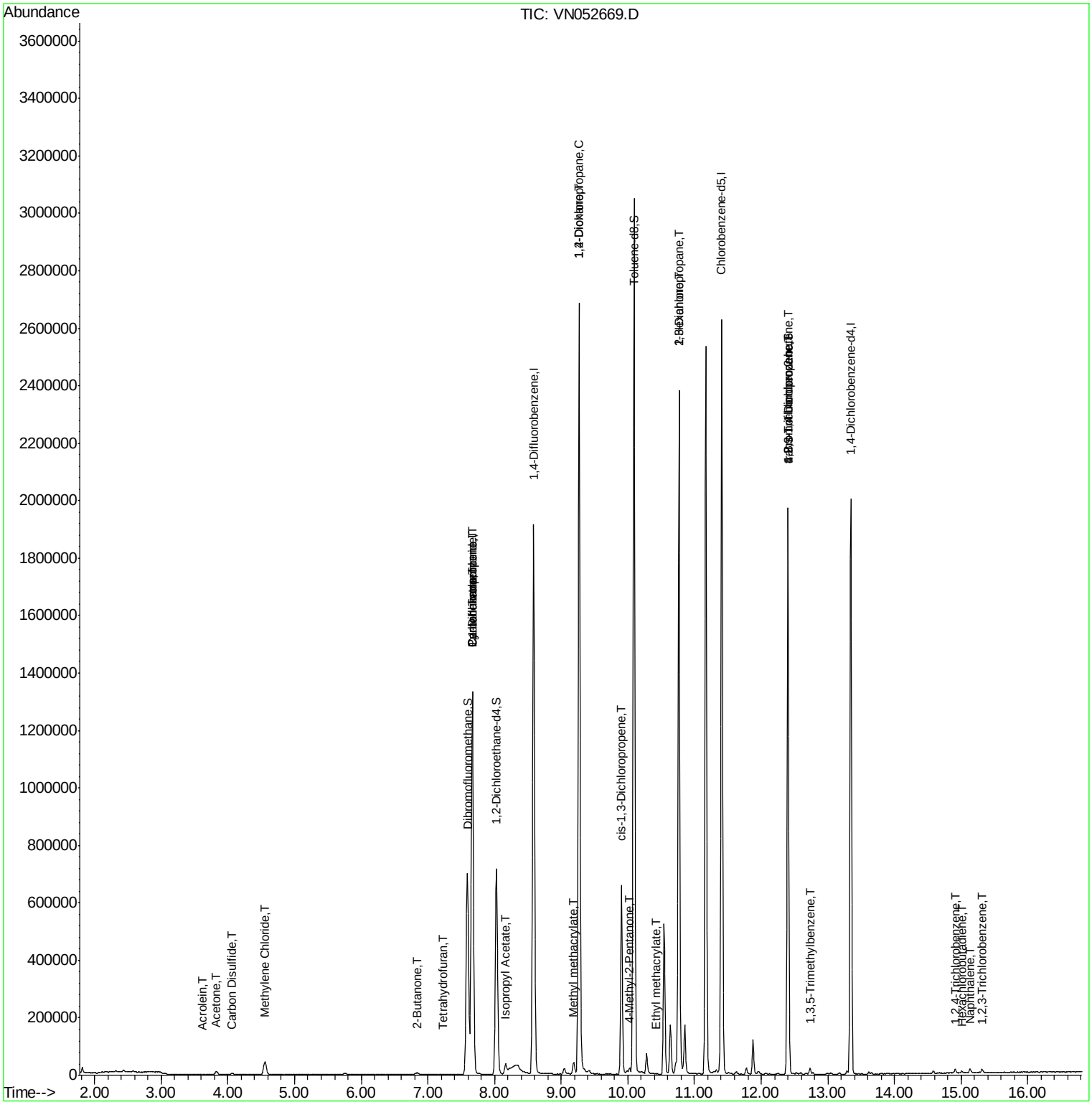
(#) = qualifier out of range (m) = manual integration (+) = signals summed

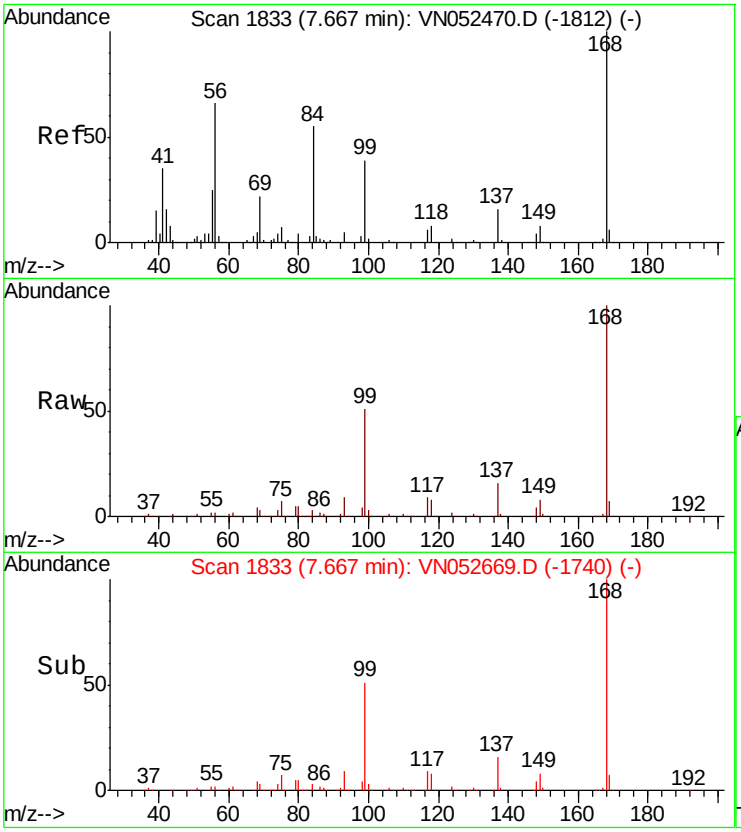
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120518\
Data File : VN052669.D
Acq On : 5 Dec 2018 11:59
Operator : MD\SY
Sample : PB115330TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB115330TB

Quant Time: Dec 06 04:26:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration



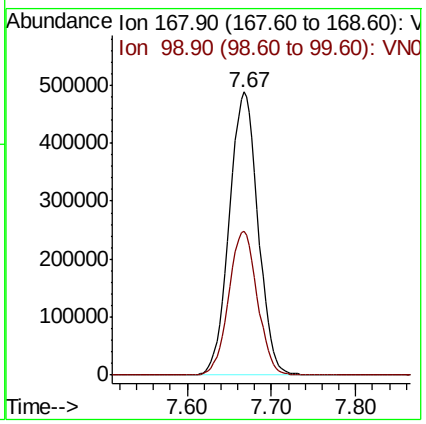


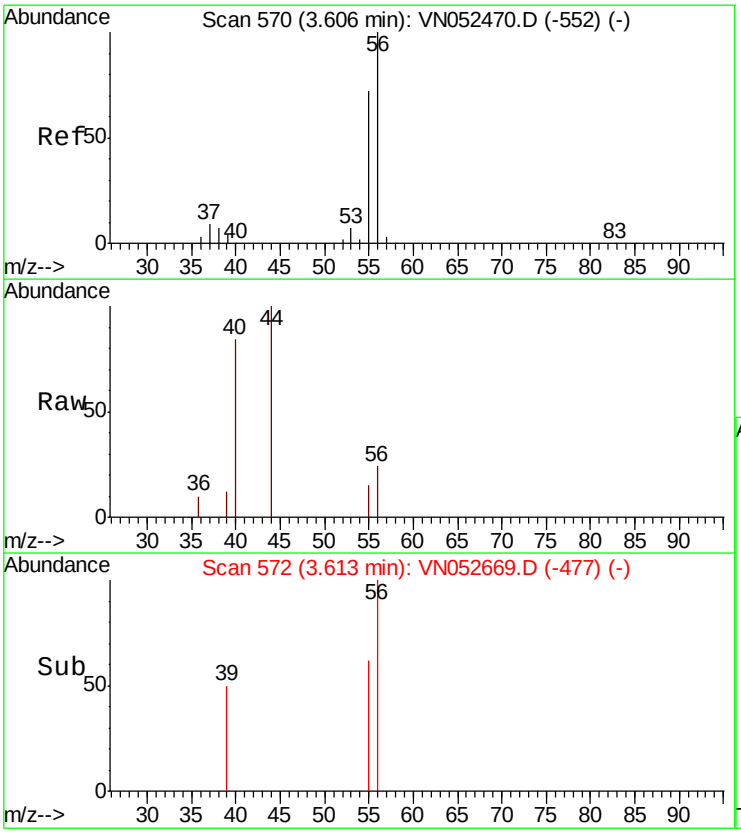
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument :
MSVOA_N
ClientSampleId :
PB115330TB

Tgt Ion:168 Resp: 1158307

Ion	Ratio	Lower	Upper
168	100		
99	51.0	41.7	62.5

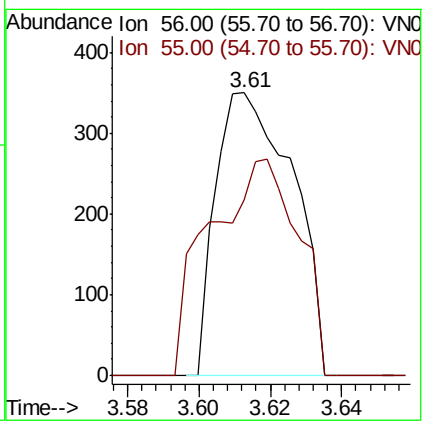


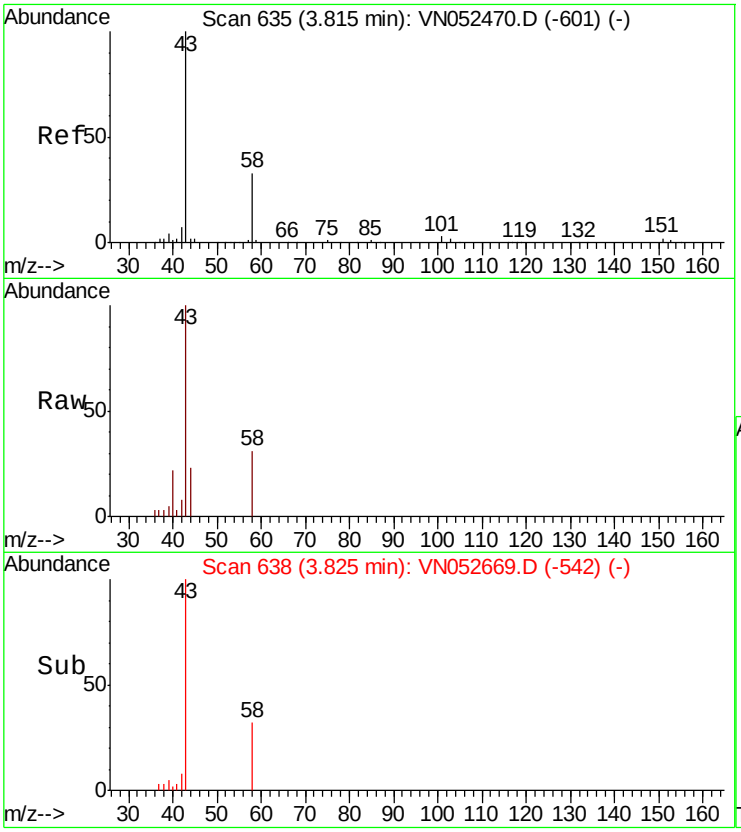


#13
Acrolein
Concen: 0.475 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion: 56 Resp: 521

Ion	Ratio	Lower	Upper
56	100		
55	88.5	56.8	85.2#



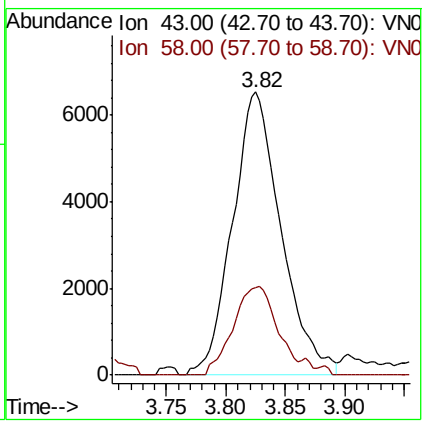


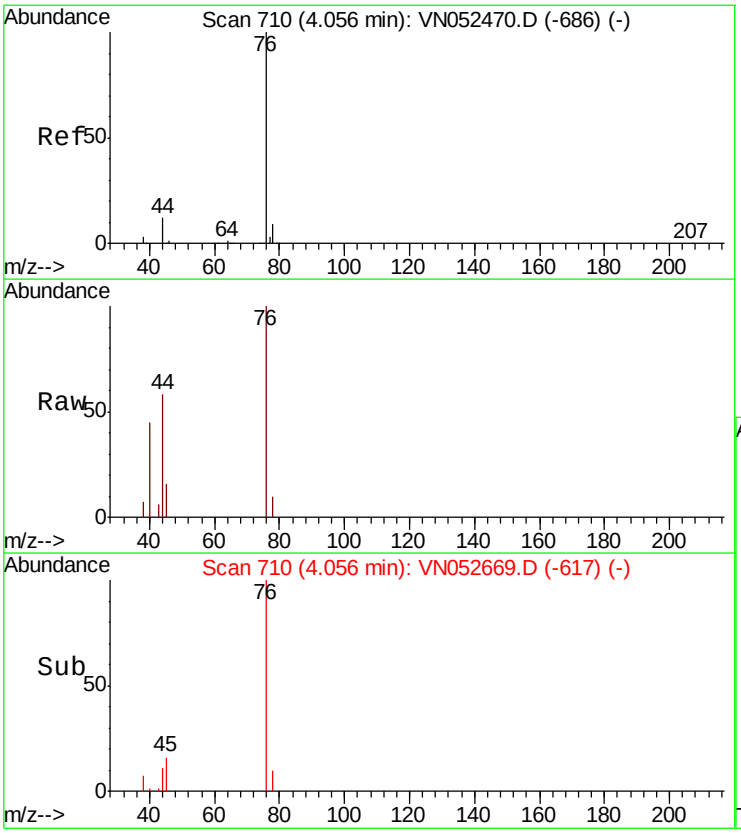
#16
Acetone
Concen: 5.560 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument : MSVOA_N
ClientSampleId : PB115330TB

Tgt Ion: 43 Resp: 18494

Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.0	39.0

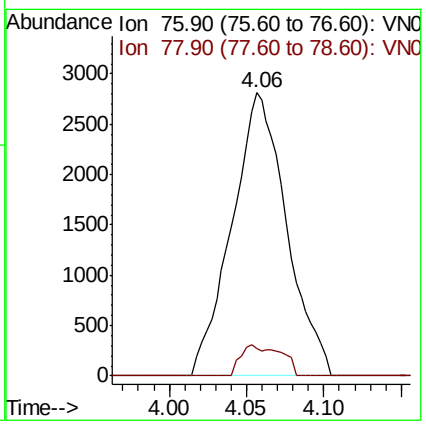


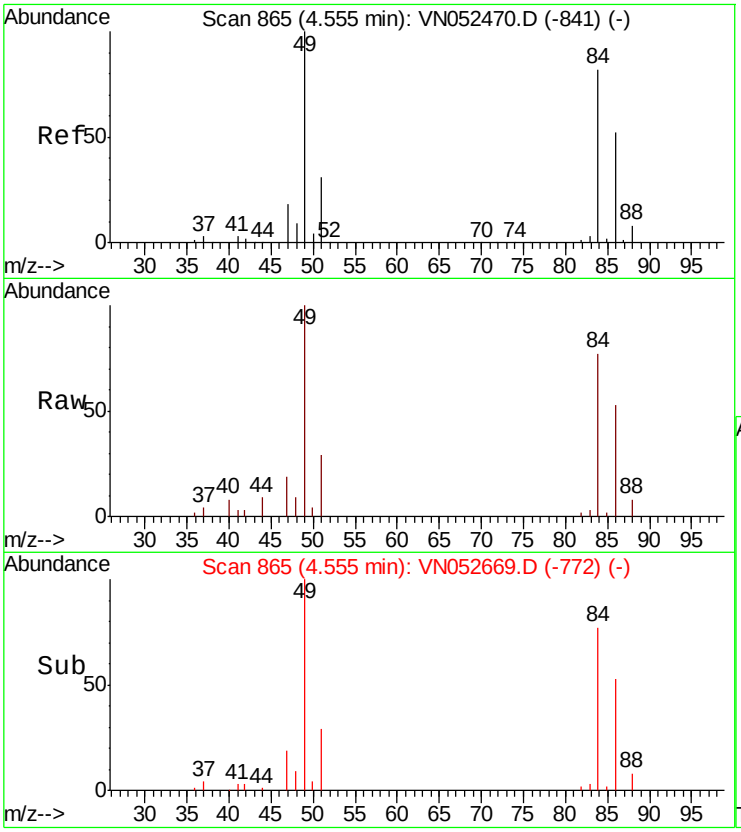


#17
Carbon Disulfide
Concen: 0.202 ug/l
RT: 4.06 min Scan# 710
Delta R.T. 0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion: 76 Resp: 6909

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.4	11.0



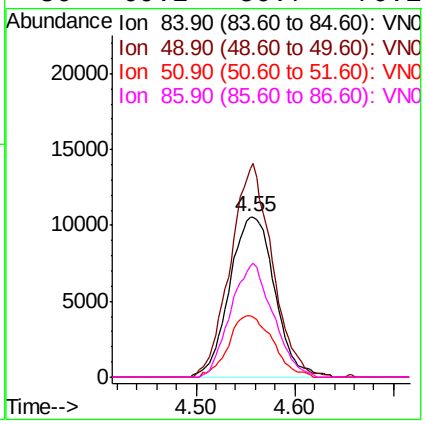


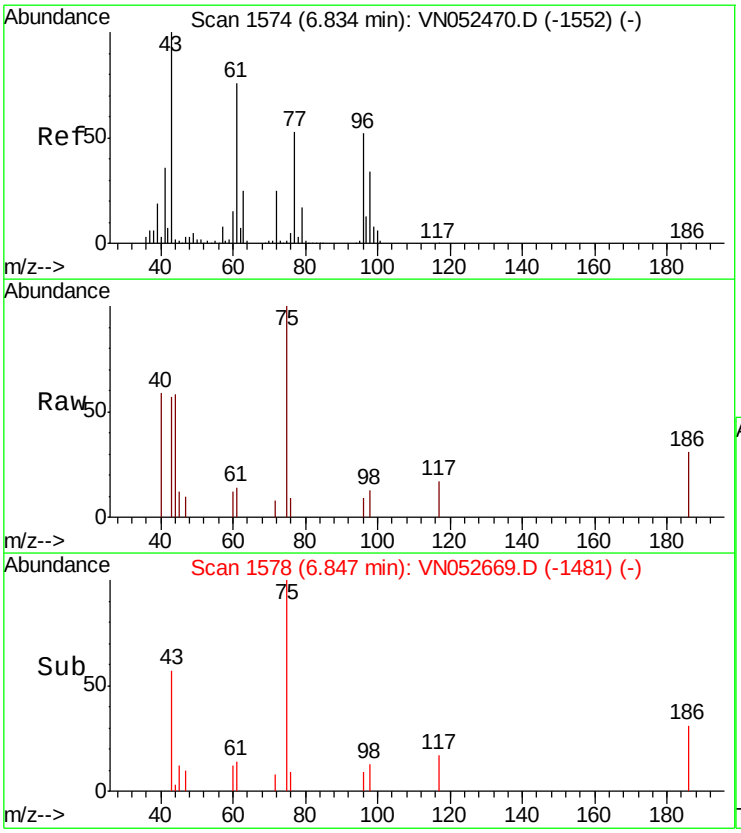
#20
Methylene Chloride
Concen: 2.582 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument : MSVOA_N
ClientSampleId : PB115330TB

Tgt Ion: 84 Resp: 33617

Ion	Ratio	Lower	Upper
84	100		
49	130.4	98.0	147.0
51	38.4	30.1	45.1
86	69.2	50.7	76.1

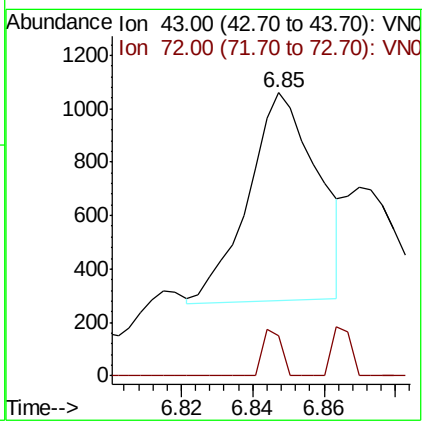


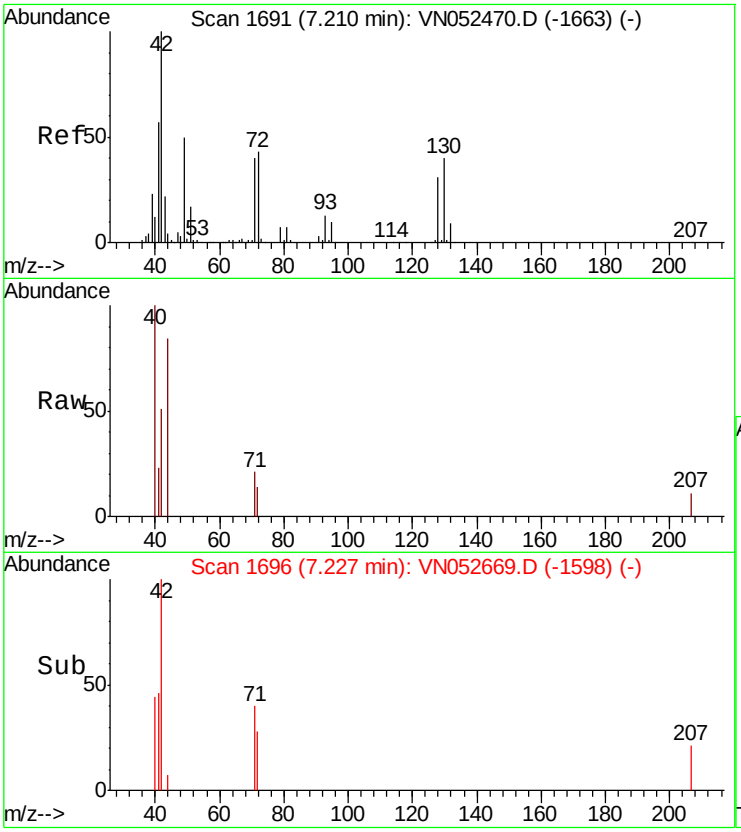


#25
2-Butanone
Concen: 0.222 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion: 43 Resp: 1045

Ion	Ratio	Lower	Upper
43	100		
72	19.5	20.1	30.1#



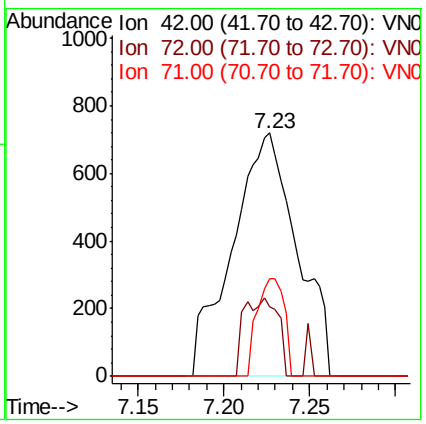


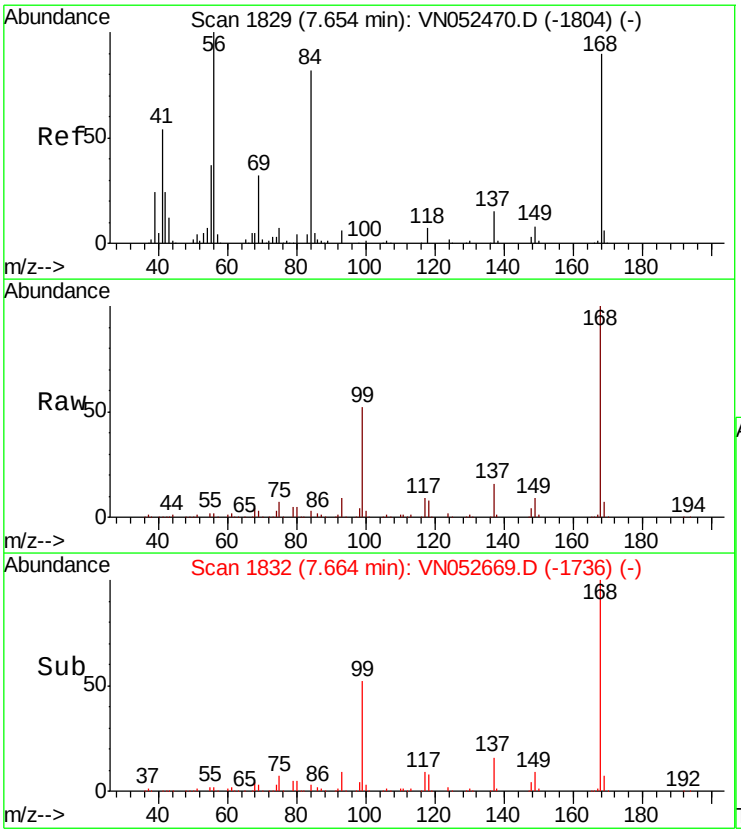
#29
Tetrahydrofuran
Concen: 0.619 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.02 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument :
MSVOA_N
ClientSampleId :
PB115330TB

Tgt Ion: 42 Resp: 1883

Ion	Ratio	Lower	Upper
42	100		
72	6.3	33.3	49.9#
71	16.7	32.0	48.0#

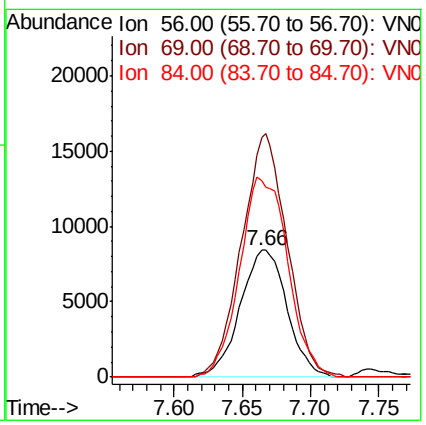


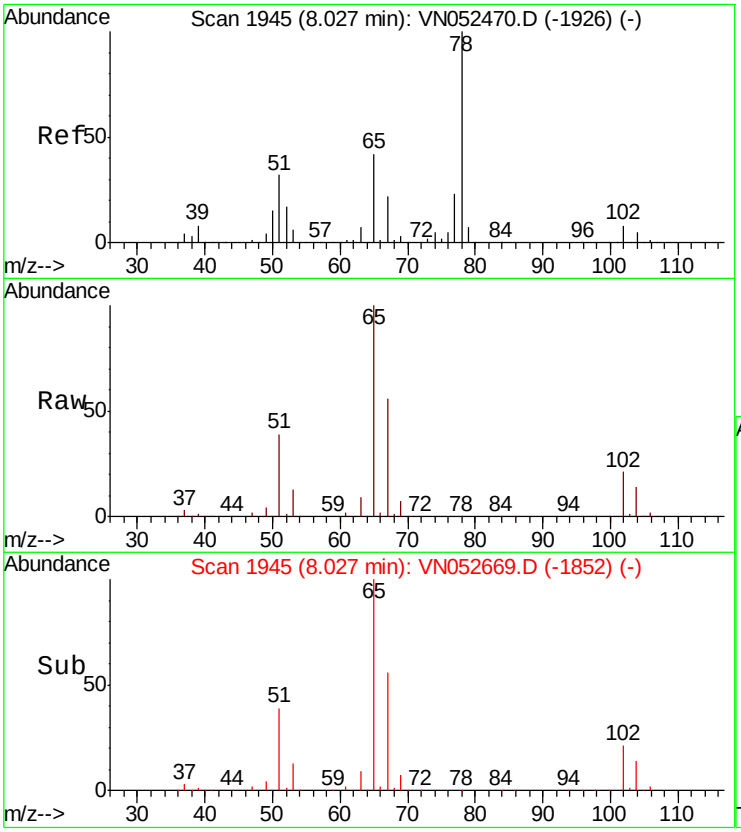


#31
Cyclohexane
Concen: 0.563 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion: 56 Resp: 20065

Ion	Ratio	Lower	Upper
56	100		
69	188.9	25.8	38.6#
84	154.9	65.3	97.9#



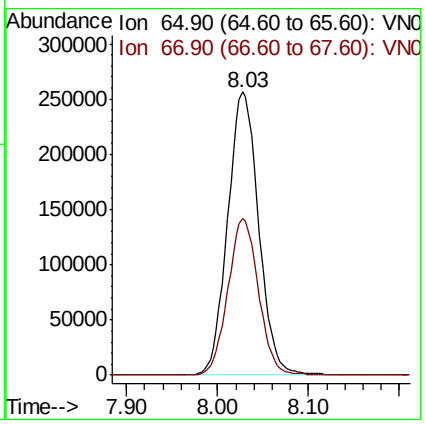


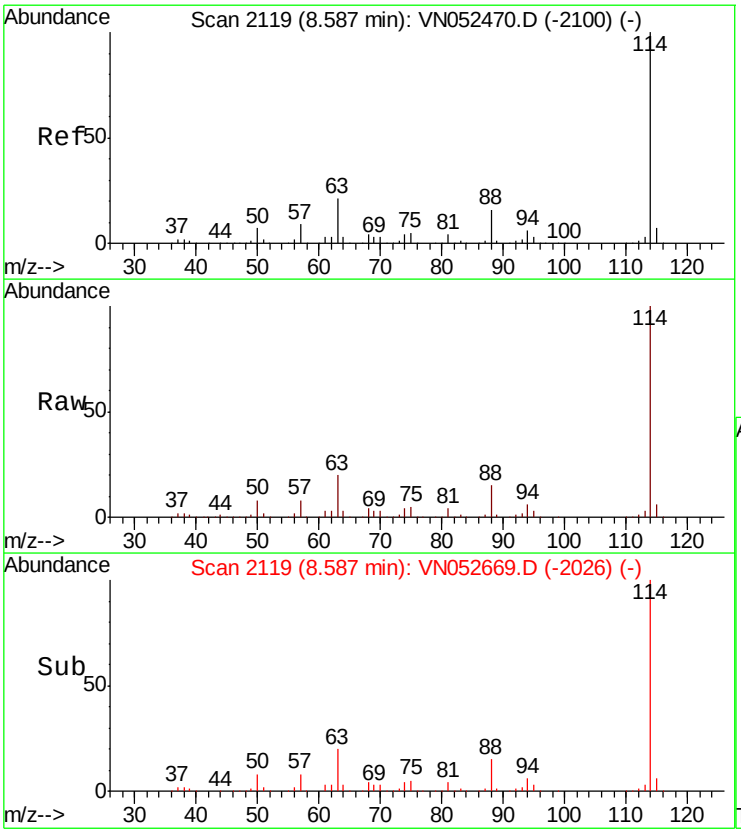
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument :
MSVOA_N
ClientSampleId :
PB115330TB

Tgt Ion: 65 Resp: 607617

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.8

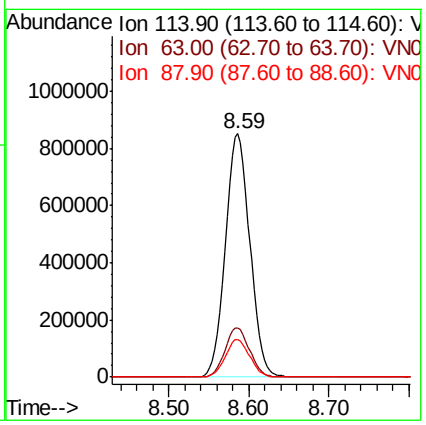


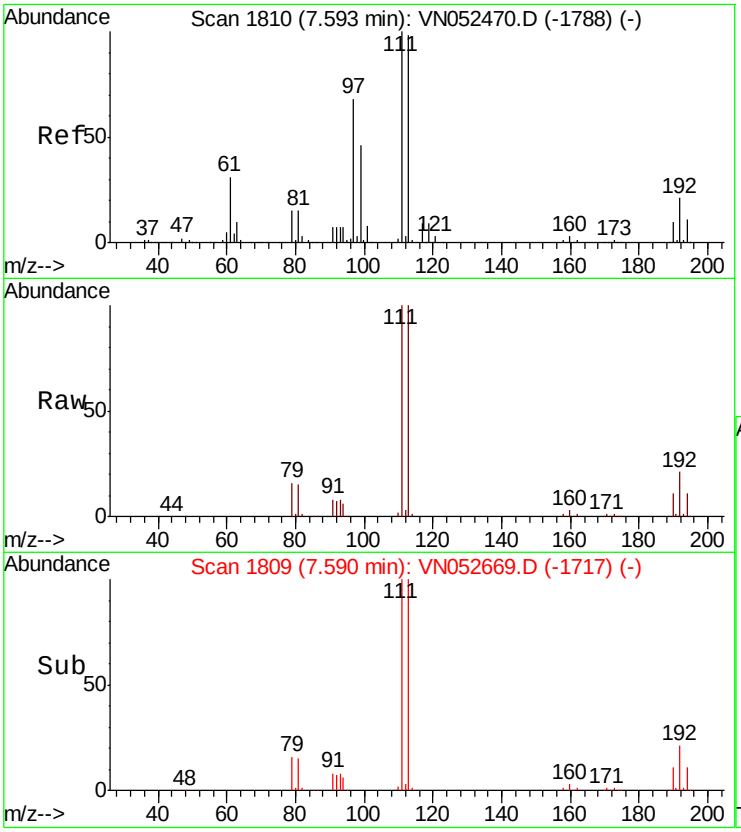


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion:114 Resp: 1773959

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.8
88	15.4	0.0	31.6



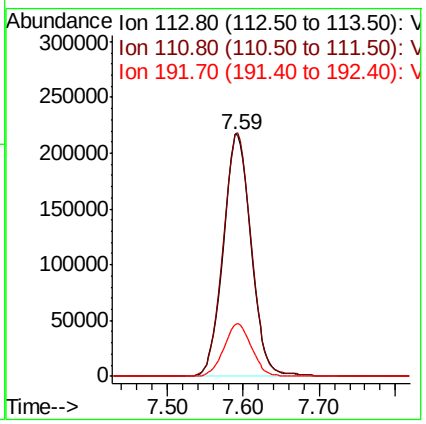


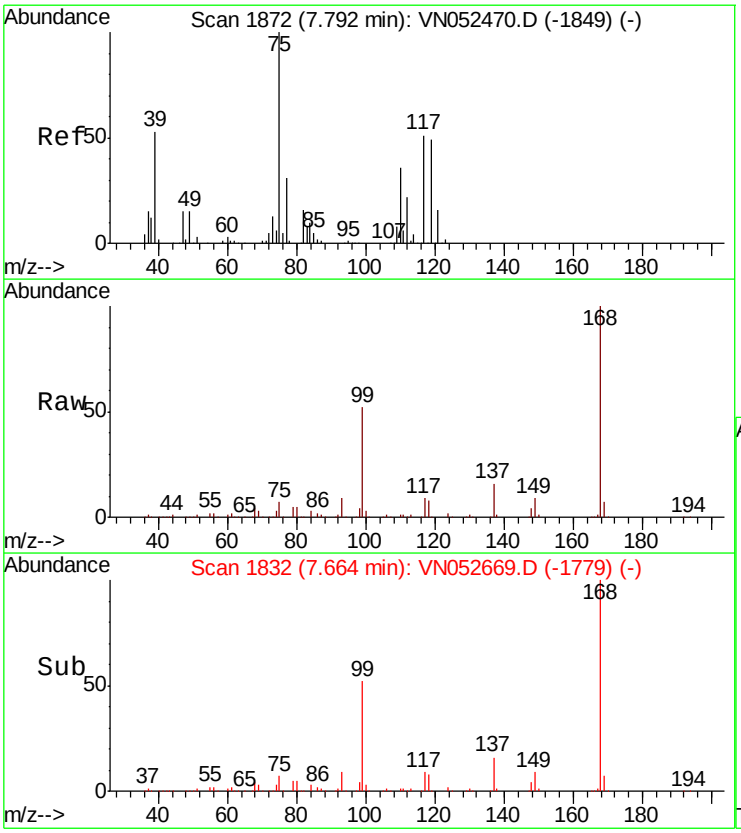
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument :
MSVOA_N
ClientSampleId :
PB115330TB

Tgt Ion:113 Resp: 552820

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.0	123.0
192	21.5	17.0	25.6

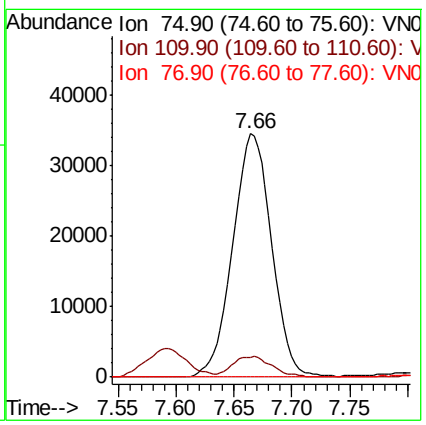


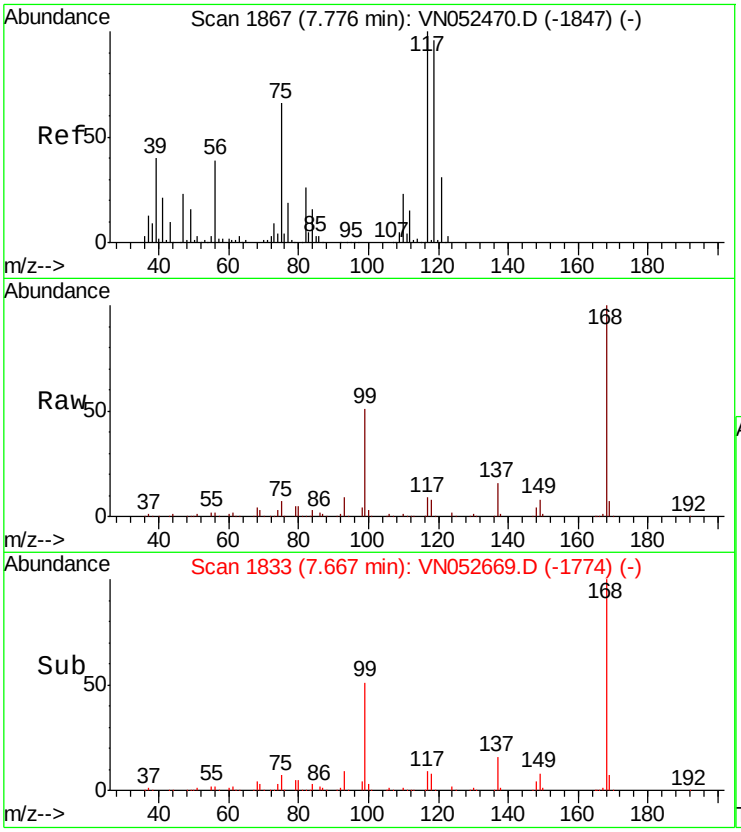


#36
1,1-Dichloropropene
Concen: 4.801 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion: 75 Resp: 80422

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



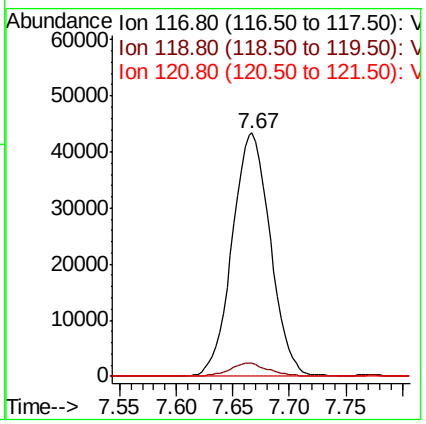


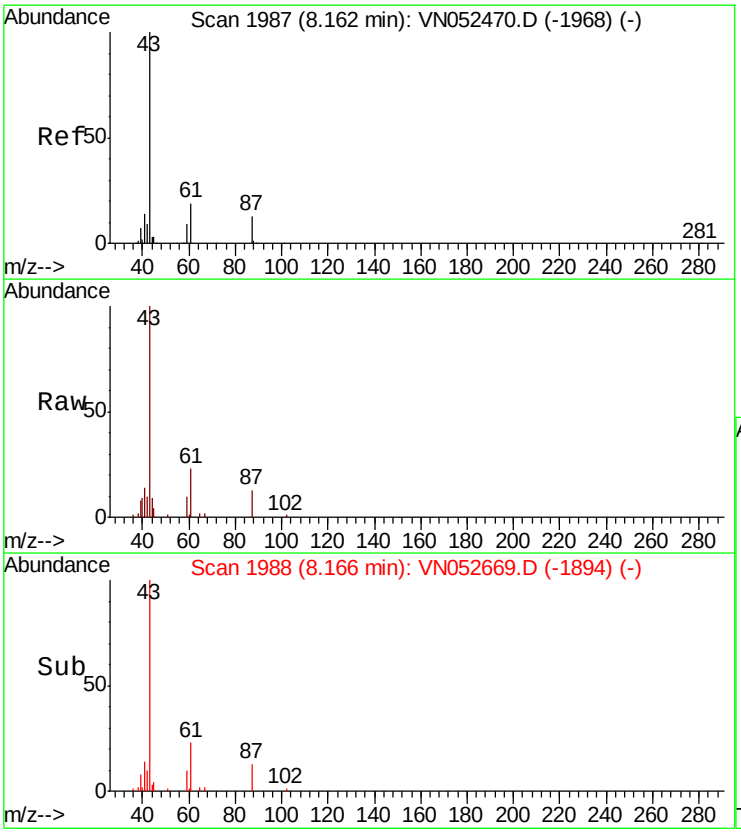
#38
Carbon Tetrachloride
Concen: 6.705 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument : MSVOA_N
ClientSampleId : PB115330TB

Tgt Ion:117 Resp: 101674

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.8	115.2#
121	0.0	24.9	37.3#

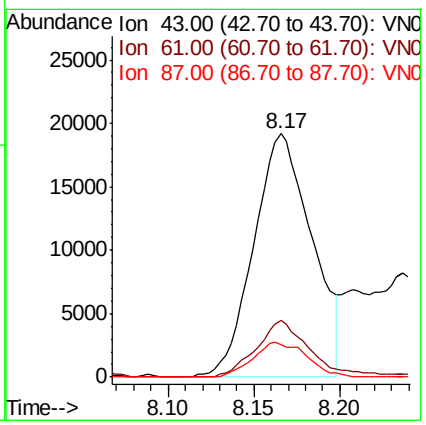


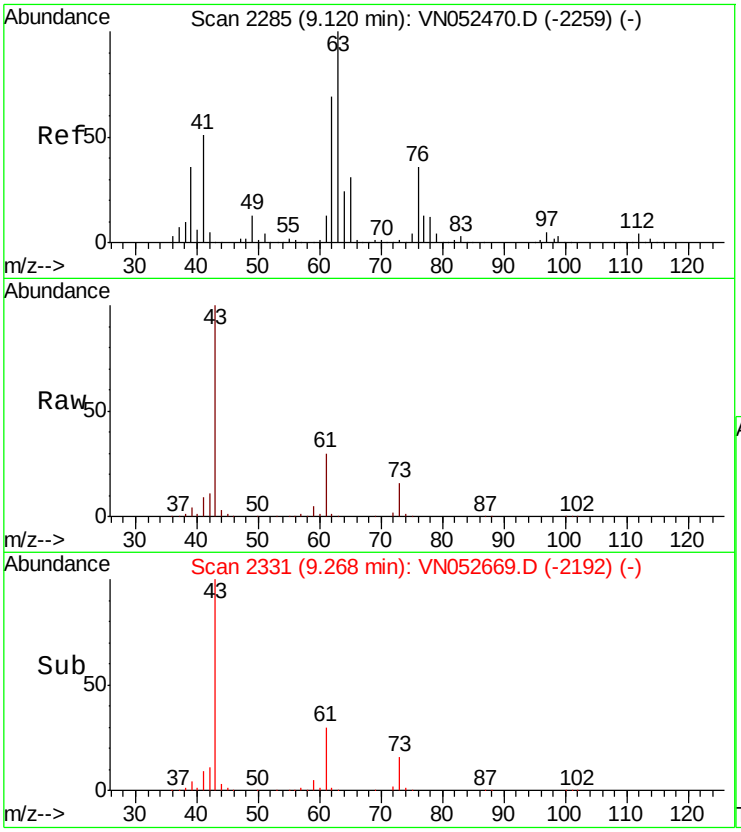


#43
Isopropyl Acetate
Concen: 2.611 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion: 43 Resp: 45178

Ion	Ratio	Lower	Upper
43	100		
61	21.4	24.1	36.1#
87	13.2	10.6	15.8



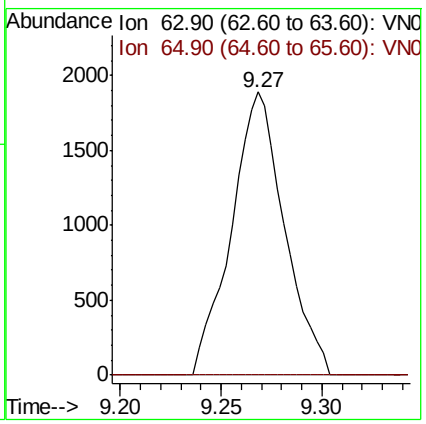


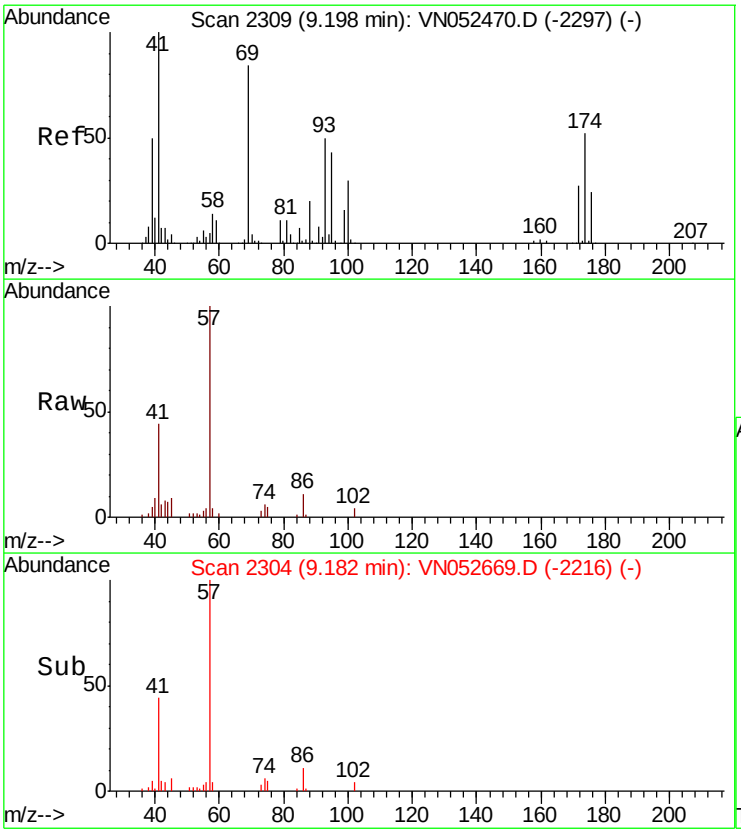
#45
1,2-Dichloropropane
Concen: 0.261 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.15 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument :
MSVOA_N
ClientSampleId :
PB115330TB

Tgt Ion: 63 Resp: 3470

Ion	Ratio	Lower	Upper
63	100		
65	0.0	25.0	37.6#

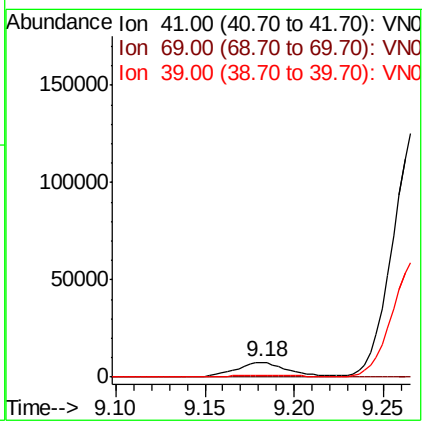


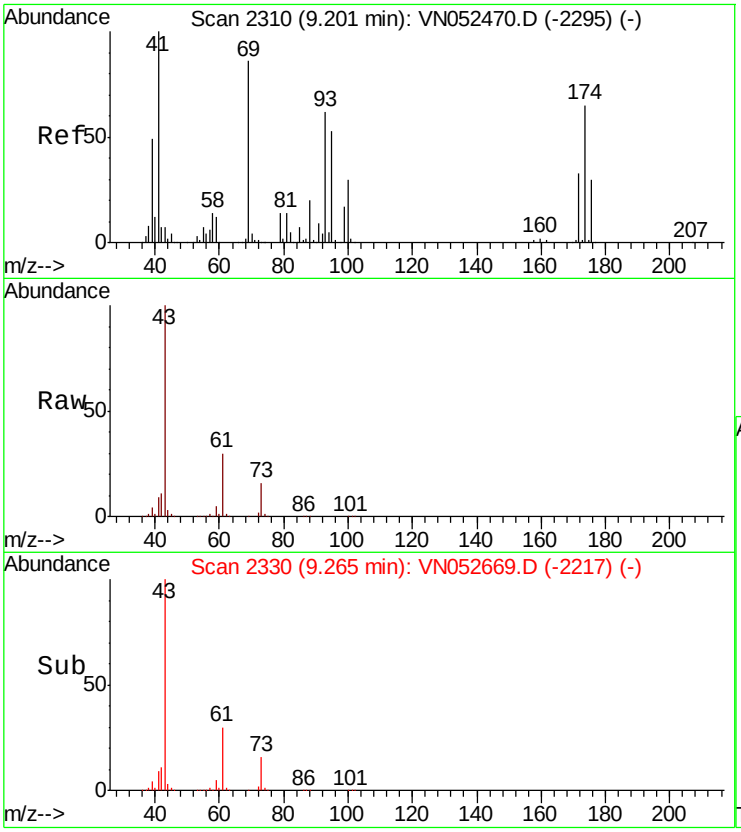


#48
Methyl methacrylate
Concen: 1.597 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion: 41 Resp: 14406

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



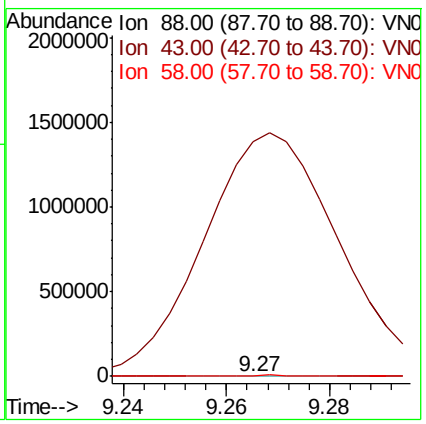


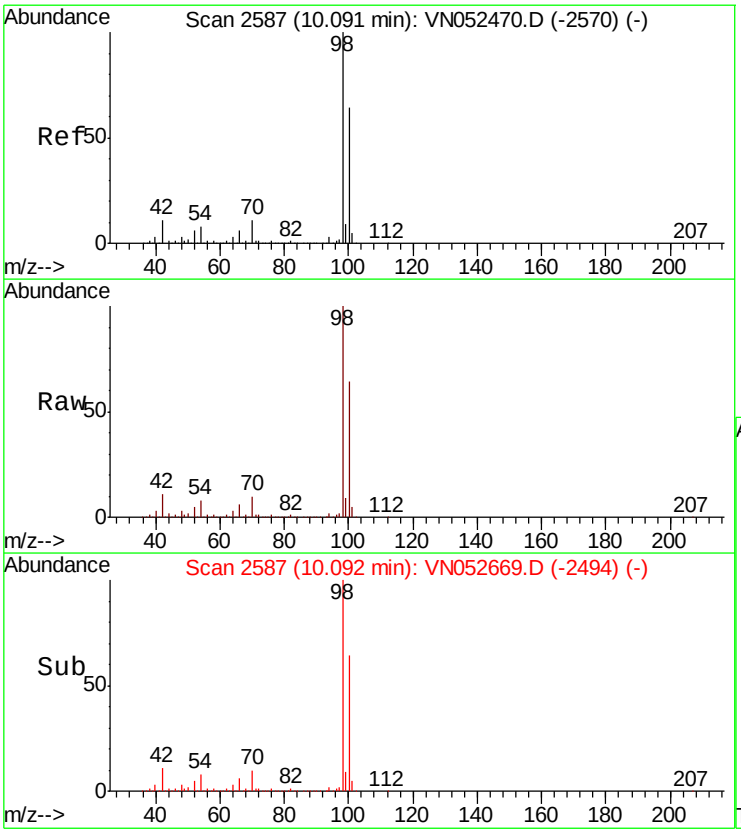
#49
1,4-Dioxane
Concen: 3.001 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument : MSVOA_N
ClientSampleId : PB115330TB

Tgt Ion: 88 Resp: 281

Ion	Ratio	Lower	Upper
88	100		
43	951850.2	26.4	39.6#
58	4188.6	55.4	83.0#

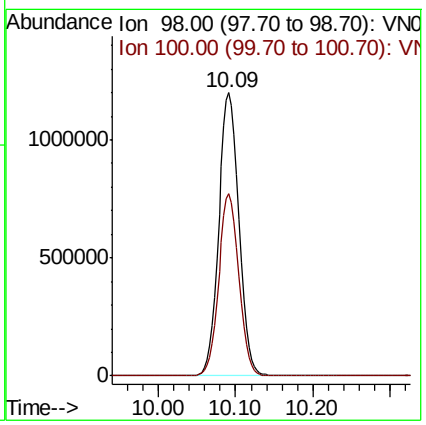


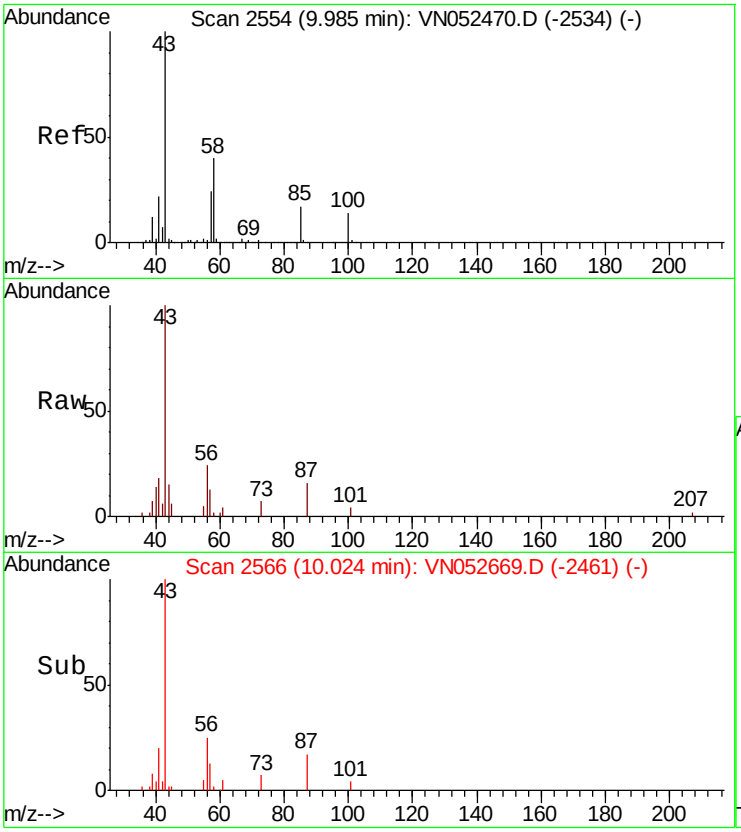


#50
Toluene-d8
Concen: 3.001 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion: 98 Resp: 2181128

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.3	76.9



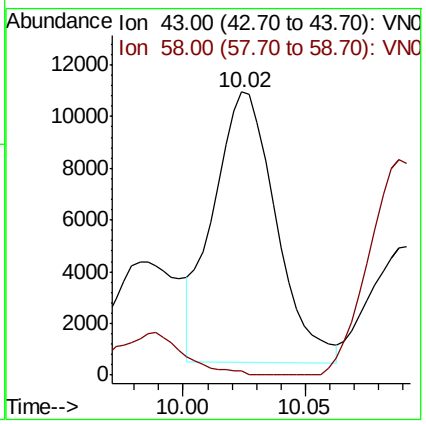


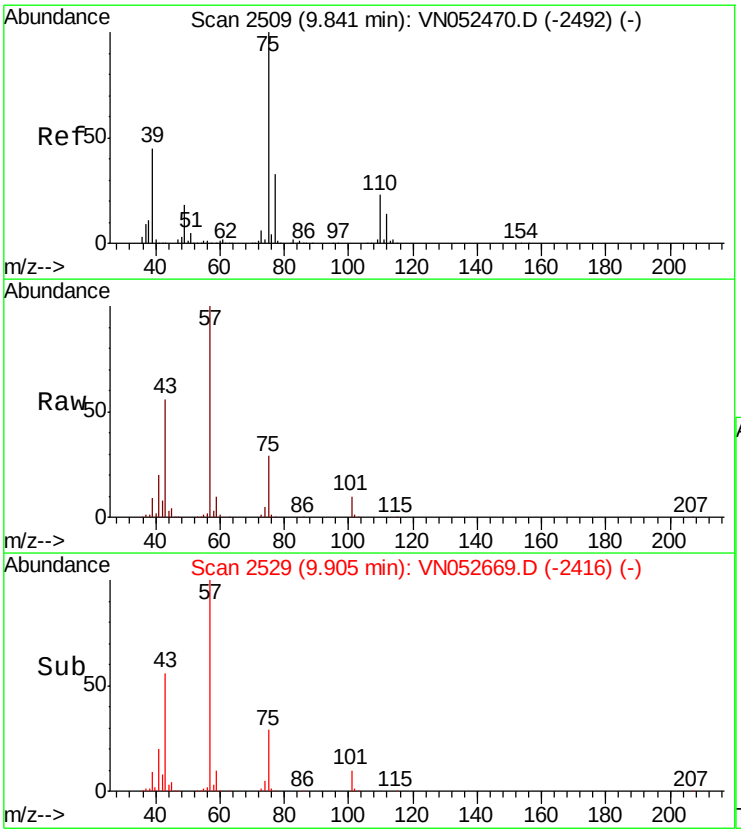
#51
4-Methyl-2-Pentanone
Concen: 1.923 ug/l
RT: 10.02 min Scan# 2566
Delta R.T. 0.04 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument : MSVOA_N
ClientSampleId : PB115330TB

Tgt Ion: 43 Resp: 18670

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.5	47.3#

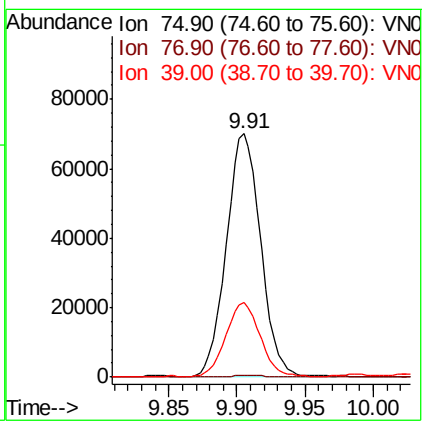


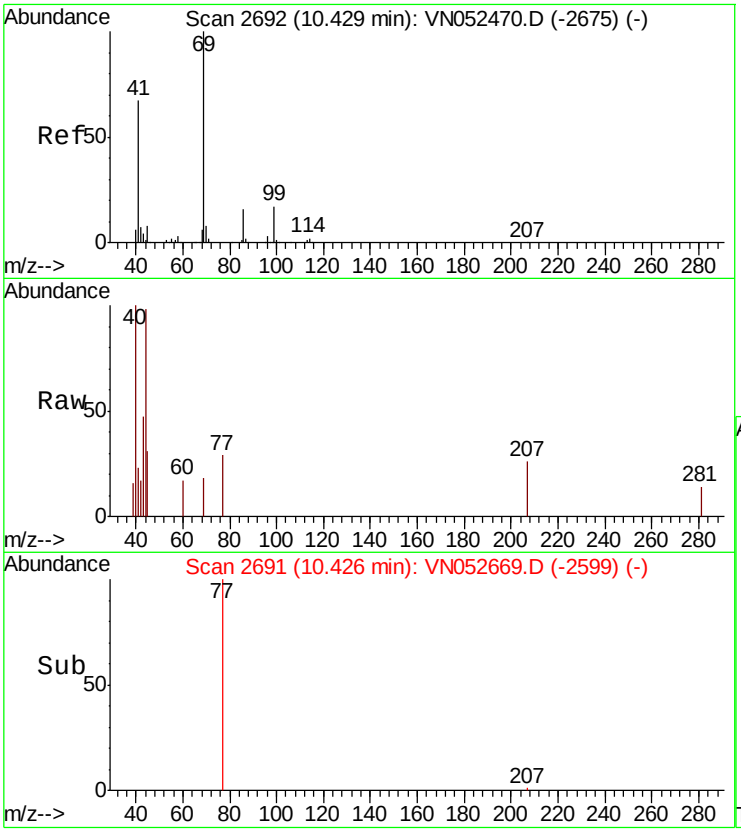


#54
cis-1,3-Dichloropropene
Concen: 6.686 ug/l
RT: 9.91 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion: 75 Resp: 123138

Ion	Ratio	Lower	Upper
75	100		
77	0.5	26.2	39.2#
39	30.4	36.0	54.0#



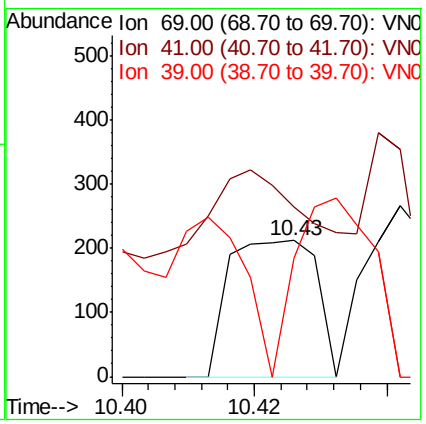


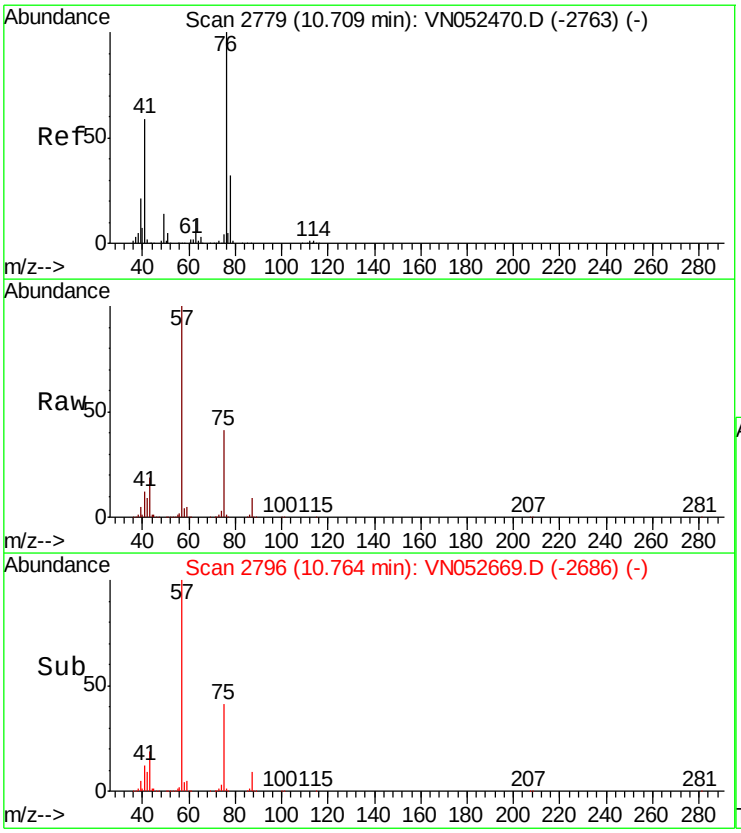
#56
Ethyl methacrylate
Concen: 2.706 ug/l
RT: 10.43 min Scan# 2691
Delta R.T. -0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument : MSVOA_N
ClientSampleId : PB115330TB

Tgt Ion: 69 Resp: 194

Ion	Ratio	Lower	Upper
69	100		
41	0.0	52.6	79.0#
39	0.0	25.9	38.9#

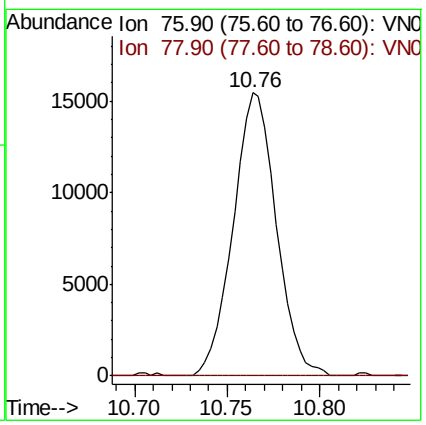


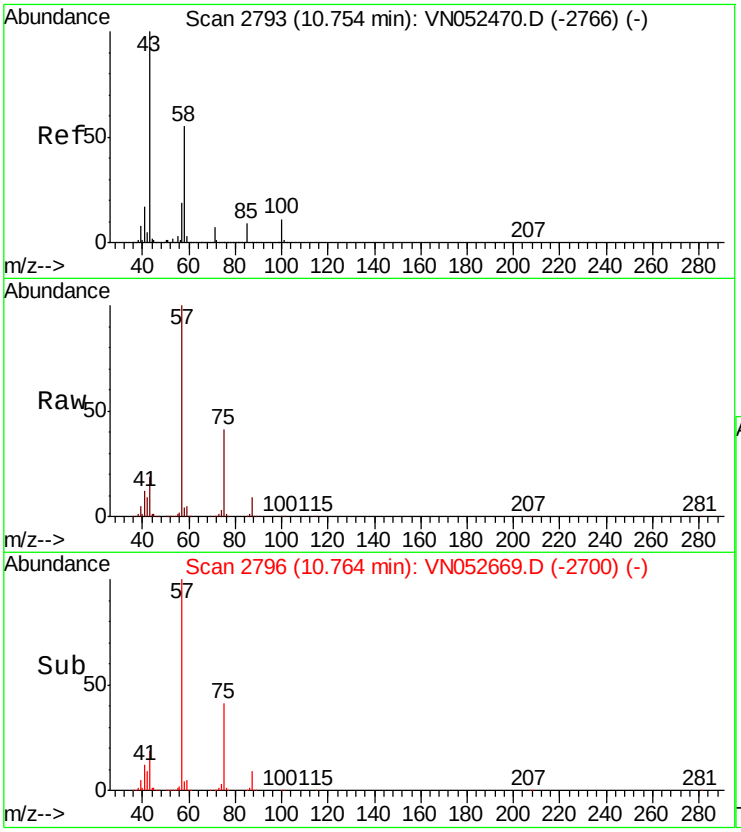


#57
1,3-Dichloropropane
Concen: 1.358 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion: 76 Resp: 25026

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.6	38.4#



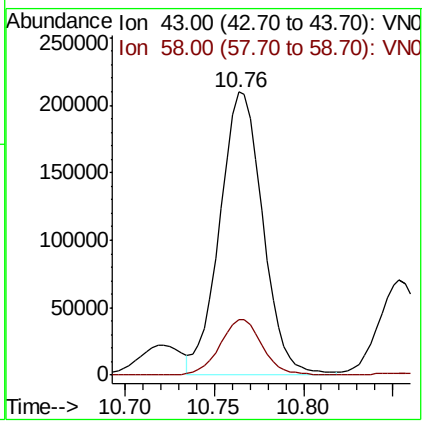


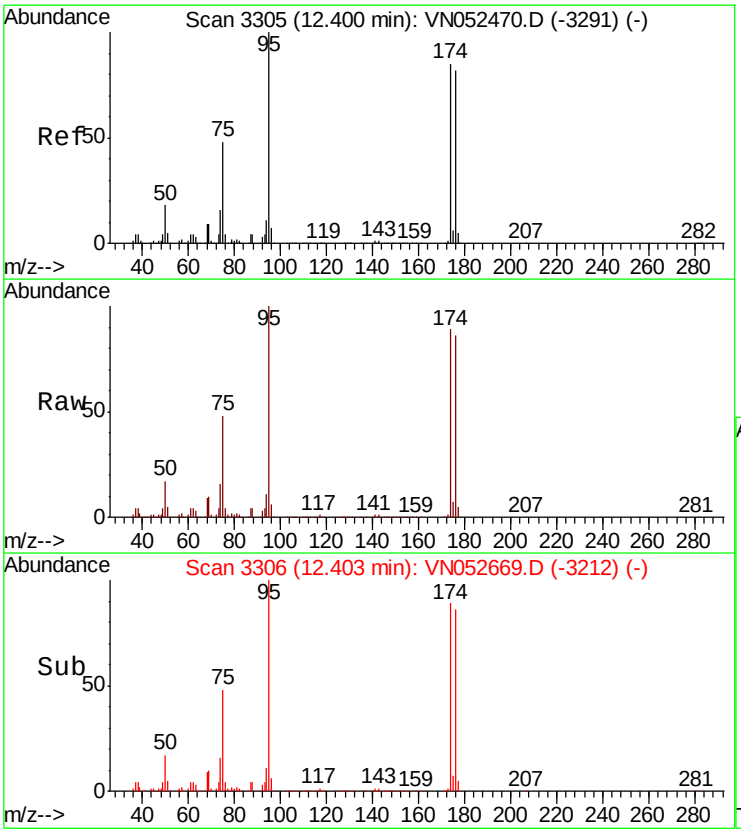
#59
2-Hexanone
Concen: 53.544 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument : MSVOA_N
ClientSampleId : PB115330TB

Tgt Ion: 43 Resp: 348843

Ion	Ratio	Lower	Upper
43	100		
58	19.6	27.4	82.0#

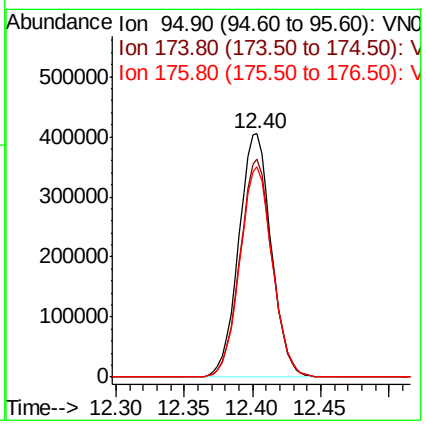


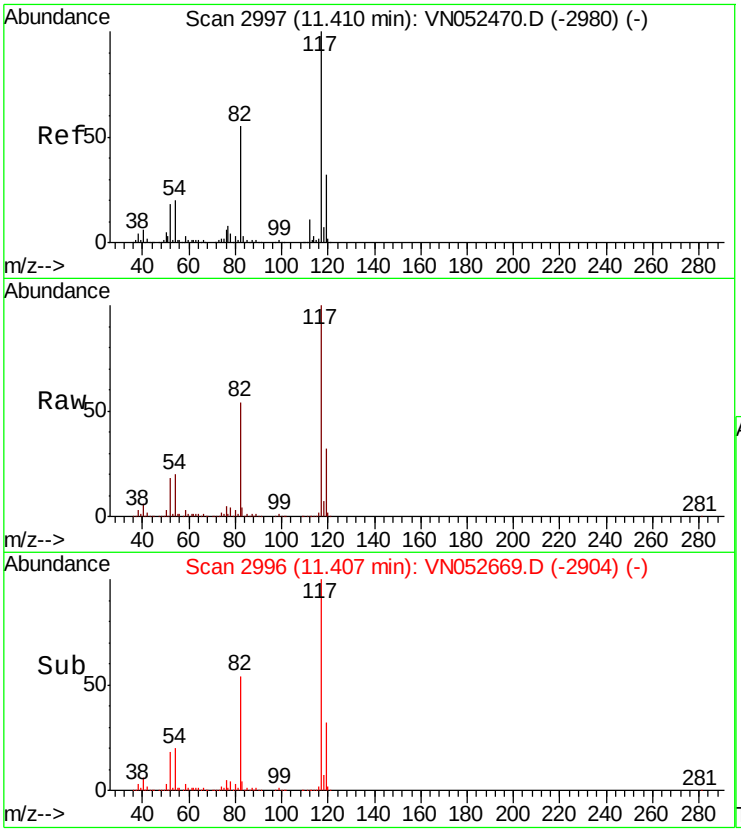


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion: 95 Resp: 670107

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	173.0
176	86.2	0.0	166.2



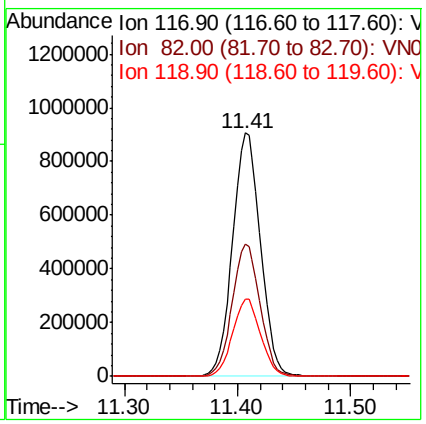


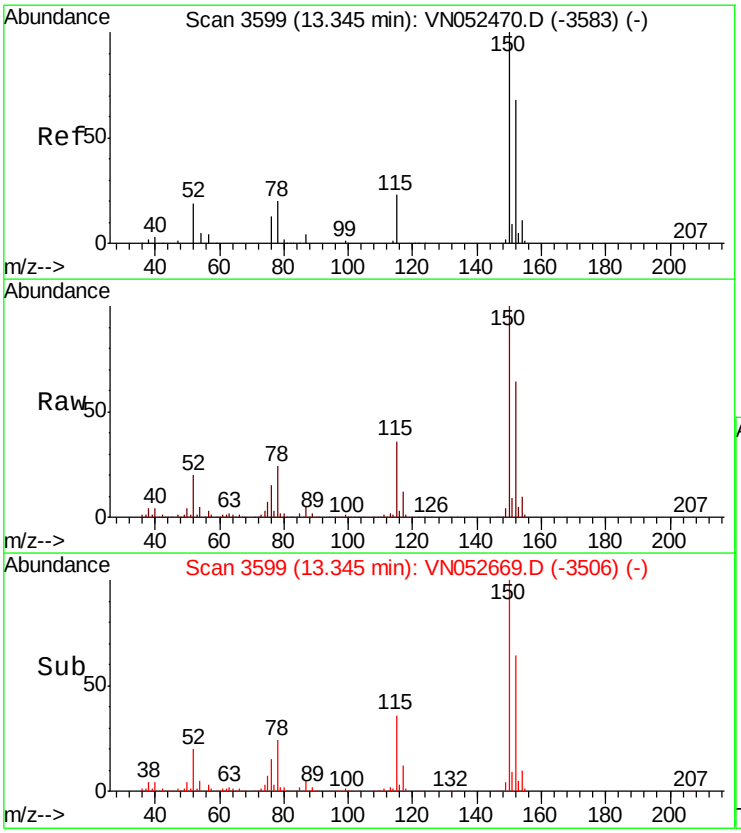
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument : MSVOA_N
ClientSampleId : PB115330TB

Tgt Ion:117 Resp: 1556372

Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.6	65.4
119	31.9	25.4	38.2

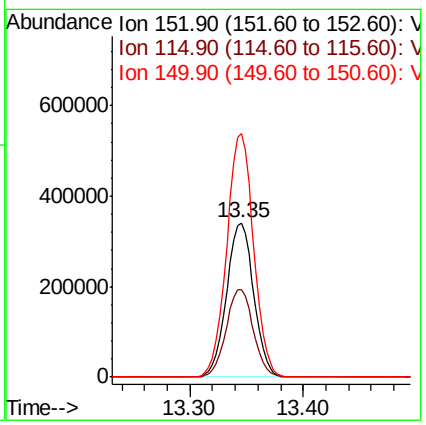


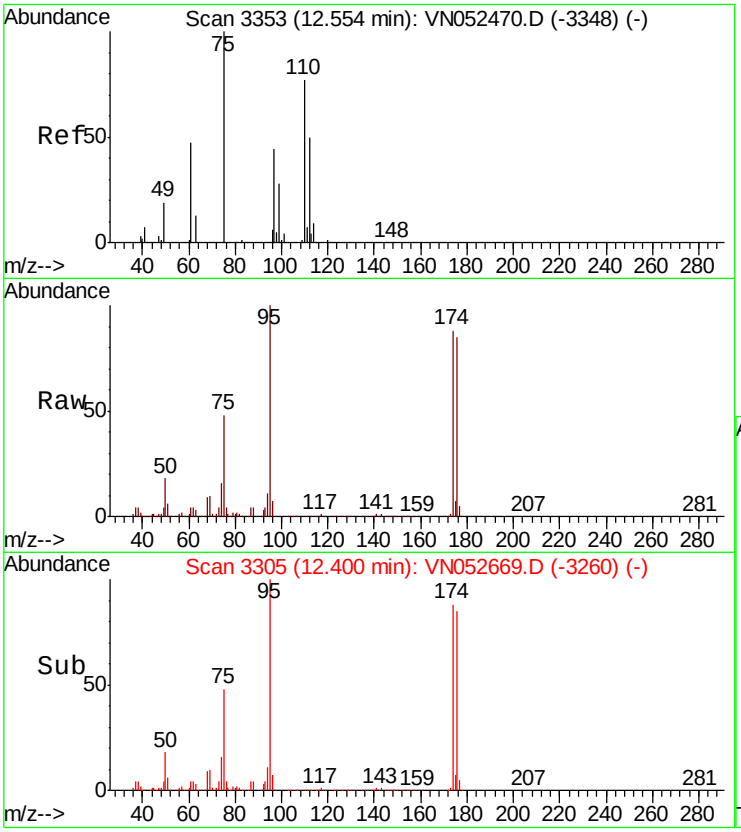


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion:152 Resp: 568251

Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.4	85.2
150	156.3	0.0	346.0



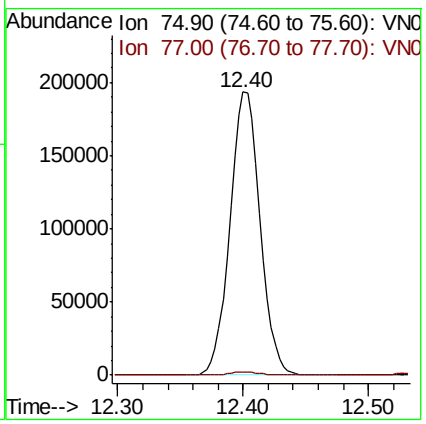


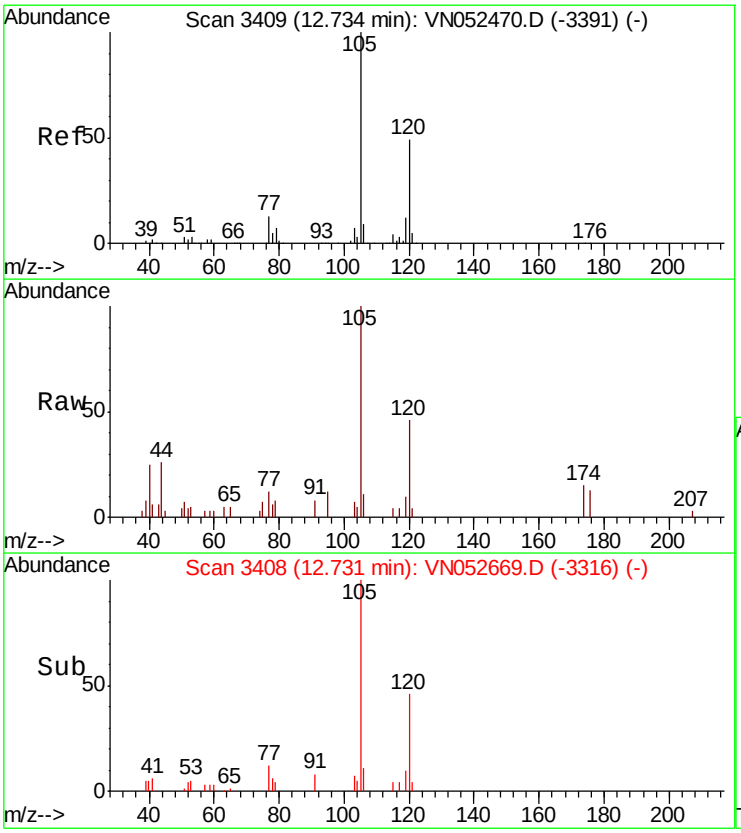
#76
1,2,3-Trichloropropane
Concen: 36.680 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument :
MSVOA_N
ClientSampleId :
PB115330TB

Tgt Ion: 75 Resp: 321420

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#

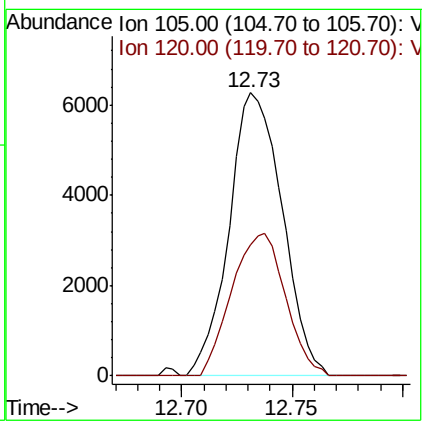


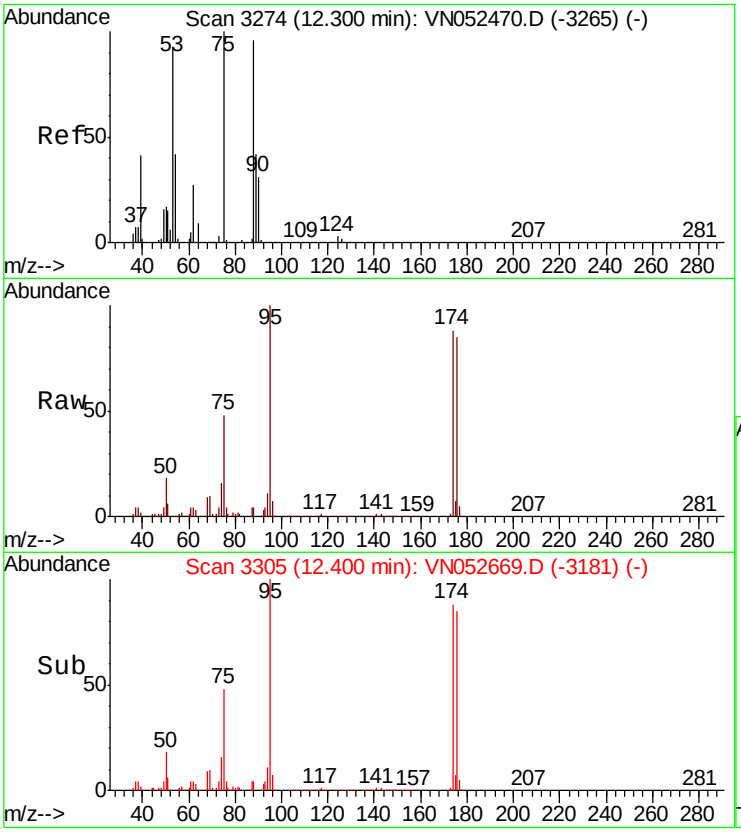


#80
1,3,5-Trimethylbenzene
Concen: 0.297 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion:105 Resp: 10543

Ion	Ratio	Lower	Upper
105	100		
120	50.7	24.3	73.0



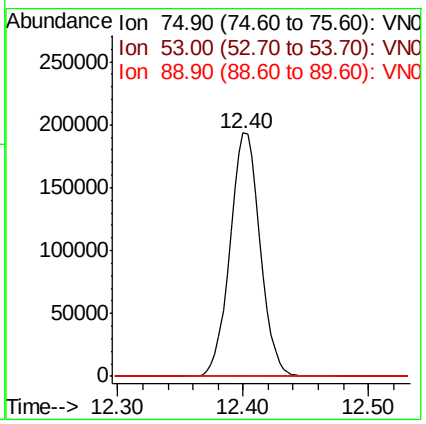


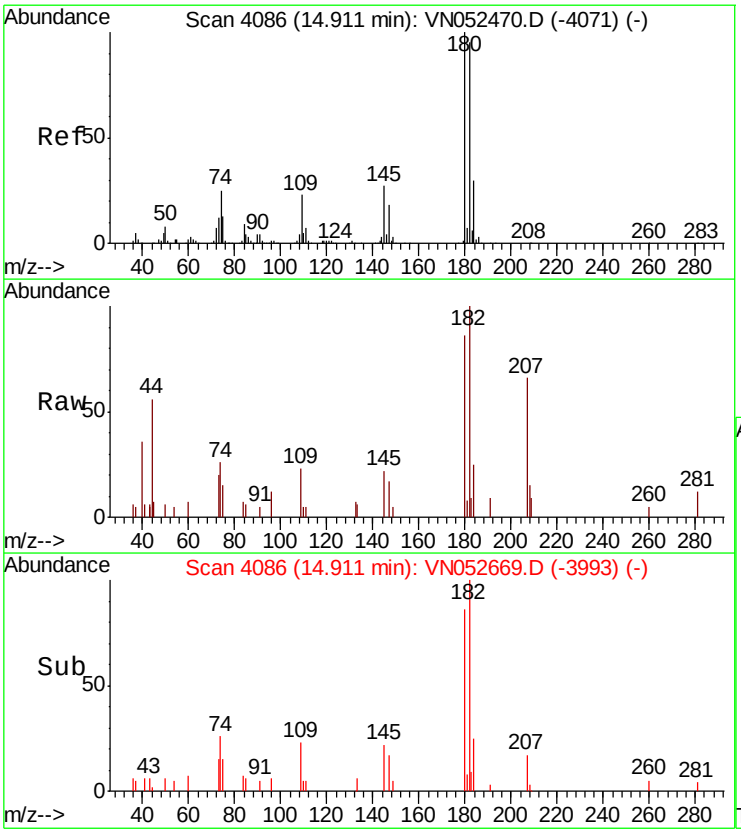
#81
trans-1,4-Dichloro-2-butene
Concen: 122.495 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument :
MSVOA_N
ClientSampleId :
PB115330TB

Tgt Ion: 75 Resp: 321420

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

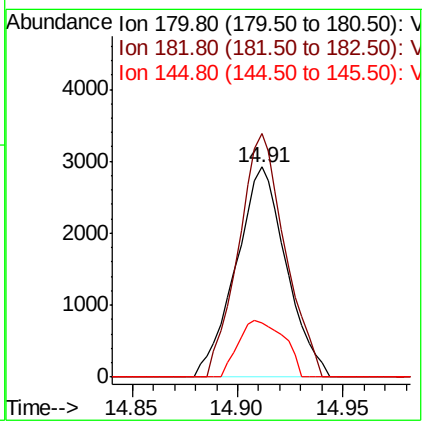


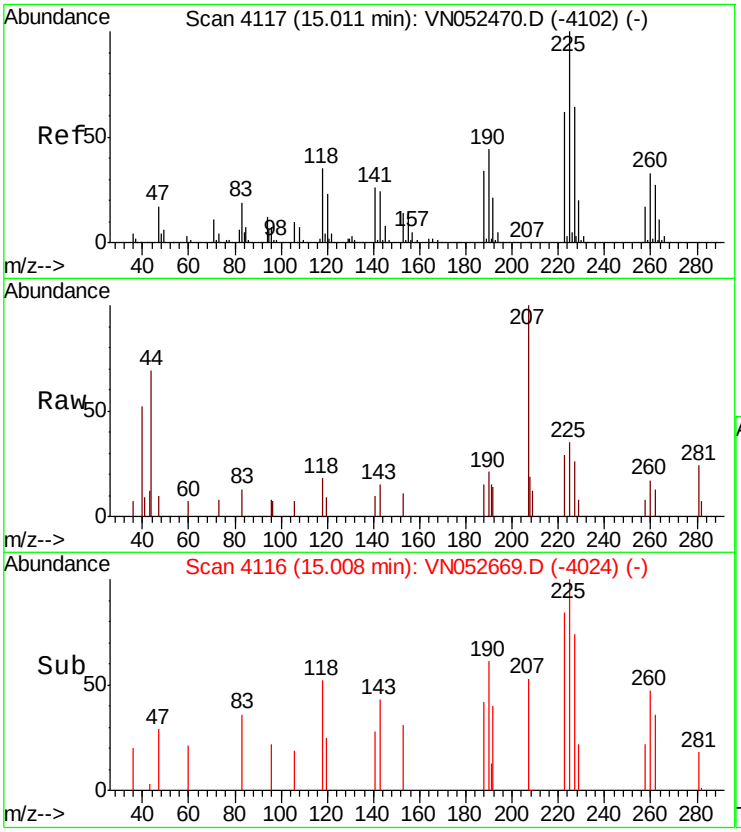


#93
1,2,4-Trichlorobenzene
Concen: 3.282 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion:180 Resp: 4834

Ion	Ratio	Lower	Upper
180	100		
182	106.8	47.8	143.4
145	24.4	14.1	42.3



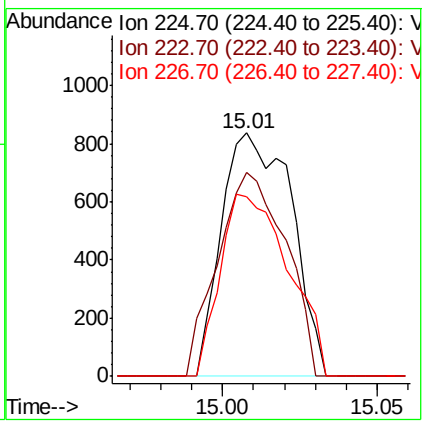


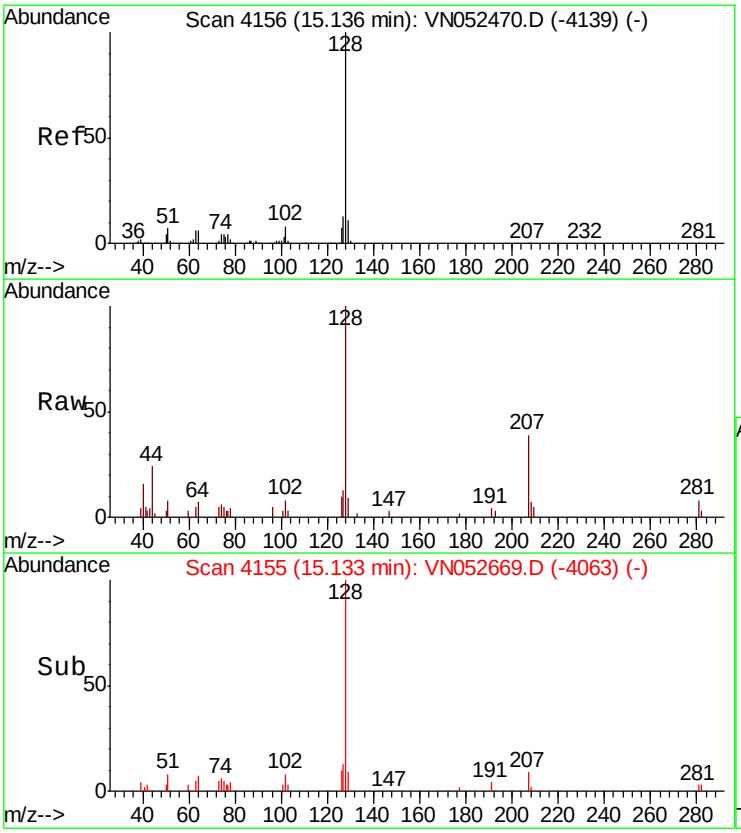
#94
Hexachlorobutadiene
Concen: 0.222 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument :
MSVOA_N
ClientSampleId :
PB115330TB

Tgt Ion:225 Resp: 1317

Ion	Ratio	Lower	Upper
225	100		
223	81.5	31.4	94.2
227	73.0	32.5	97.4

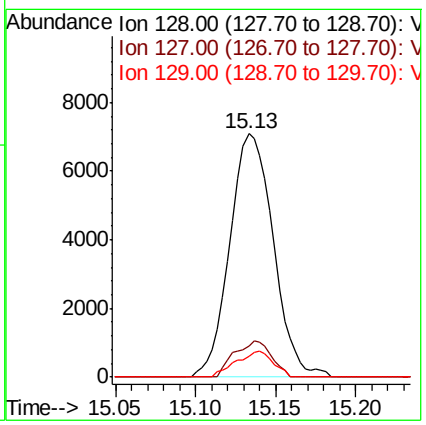


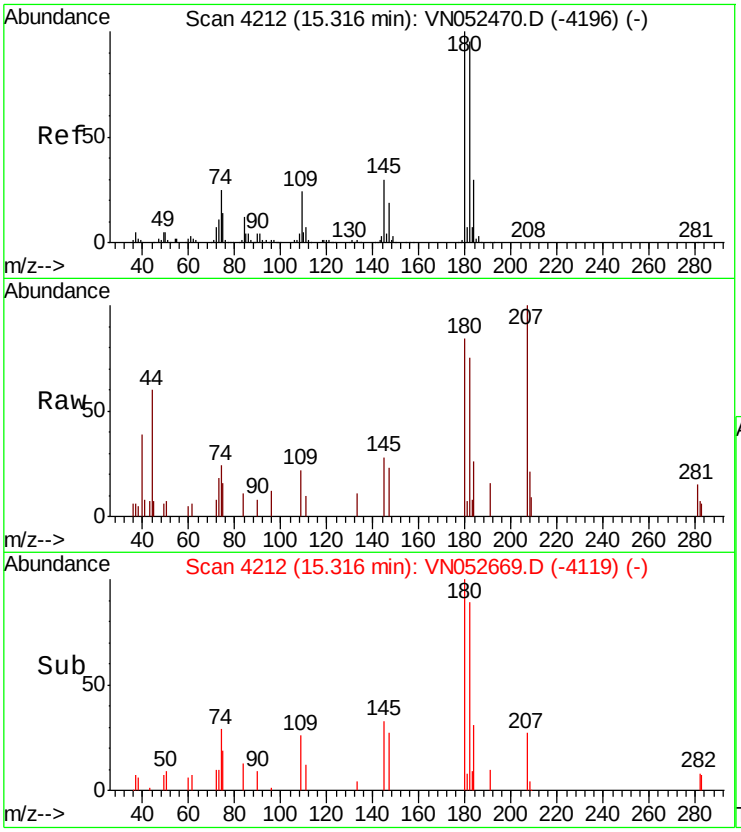


#95
Naphthalene
Concen: 4.001 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Tgt Ion:128 Resp: 13146

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	9.1	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 3.253 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052669.D
Acq: 5 Dec 2018 11:59

Instrument :
MSVOA_N
ClientSampleId :
PB115330TB

Tgt Ion:180 Resp: 5163

Ion	Ratio	Lower	Upper
180	100		
182	91.9	47.8	143.3
145	32.4	15.2	45.5