Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052571.D
Acq On : 29 Nov 2018 17:58
Operator : MD\SY
Sample : J5768-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : OK-01-112818

Quant Time: Nov 30 00:28:18 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	1281404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1965908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1729469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	664321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	661160	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.78%			
35) Dibromofluoromethane	7.59	113	600012	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.02%			
50) Toluene-d8	10.09	98	2390057	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.32%			
62) 4-Bromofluorobenzene	12.40	95	758463	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.68%			
Target Compounds						Qvalue
13) Acrolein	3.61	56	200	33.616	ug/l #	1
16) Acetone	3.82	43	32686	8.882	ug/l	99
18) Methyl Acetate	4.34	43	3946	0.374	ug/l #	66
20) Methylene Chloride	4.55	84	67892	4.714	ug/l	97
25) 2-Butanone	6.84	43	4709	0.903	ug/l	95
29) Tetrahydrofuran	7.22	42	2326	0.691	ug/l #	52
31) Cyclohexane	7.66	56	22849	0.590	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	88056	4.743	ug/l #	49
38) Carbon Tetrachloride	7.67	117	113593	6.759	ug/l #	16
43) Isopropyl Acetate	8.17	43	53941	2.813	ug/l #	82
48) Methyl methacrylate	9.18	41	15293	1.530	ug/l #	13
49) 1,4-Dioxane	9.27	88	252	2.429	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	8068	0.750	ug/l	100
52) Toluene	10.16	92	7223	0.220	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	125632	6.155	ug/l #	60
56) Ethyl methacrylate	10.37	69	220	2.706	ug/l #	25
57) 1,3-Dichloropropane	10.76	76	23388	1.146	ug/l #	43
59) 2-Hexanone	10.76	43	317700	44.002	ug/l #	51
68) m/p-Xylenes	11.62	106	5063	0.218	ug/l	95
71) Bromoform	12.40	173	4498	0.548	ug/l #	1
74) N-amyl acetate	11.88	43	37163	2.822	ug/l #	52
76) 1,2,3-Trichloropropane	12.40	75	363143	35.449	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	11197	0.269	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.40	75	363143	118.382	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	4178	3.164	ug/l #	88
95) Naphthalene	15.14	128	20768	4.202	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	4823	3.147	ug/l	80

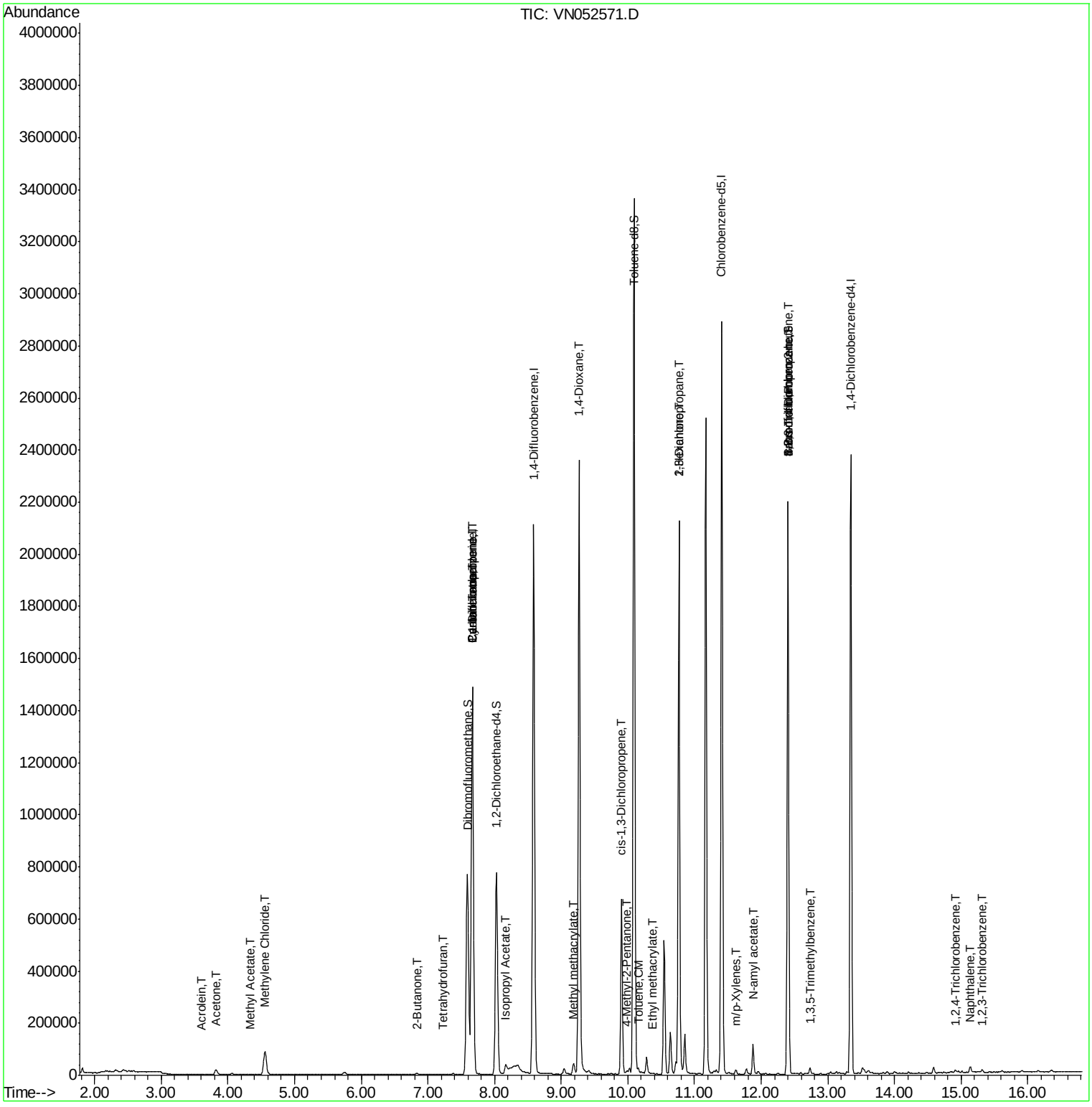
(#) = qualifier out of range (m) = manual integration (+) = signals summed

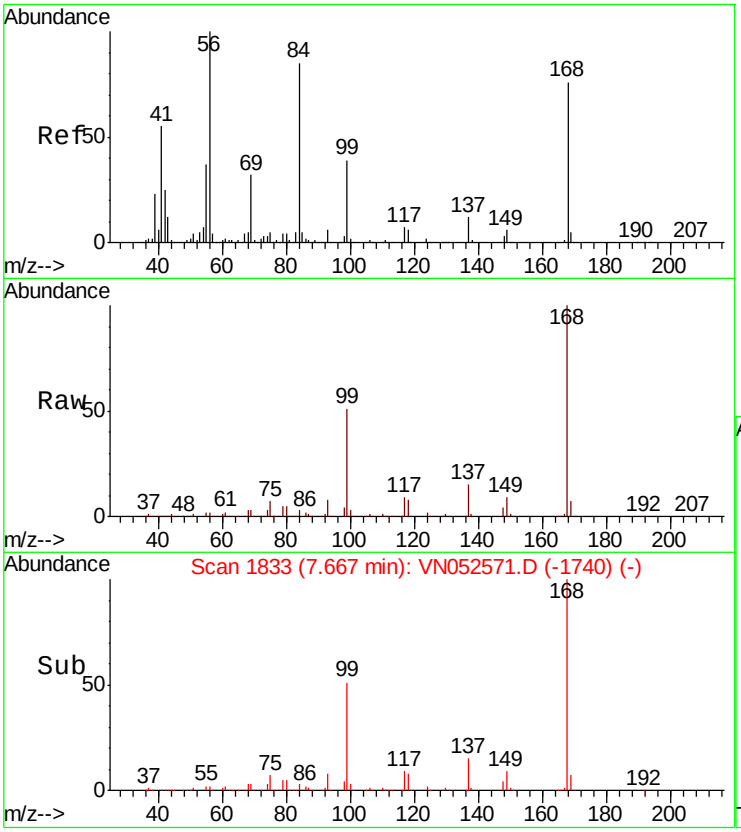
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
Data File : VN052571.D
Acq On : 29 Nov 2018 17:58
Operator : MD\SY
Sample : J5768-08
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : OK-01-112818

Quant Time: Nov 30 00:28:18 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



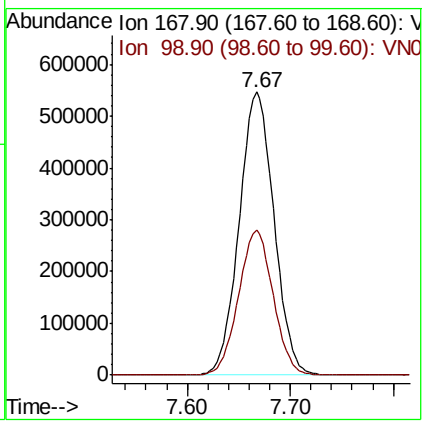


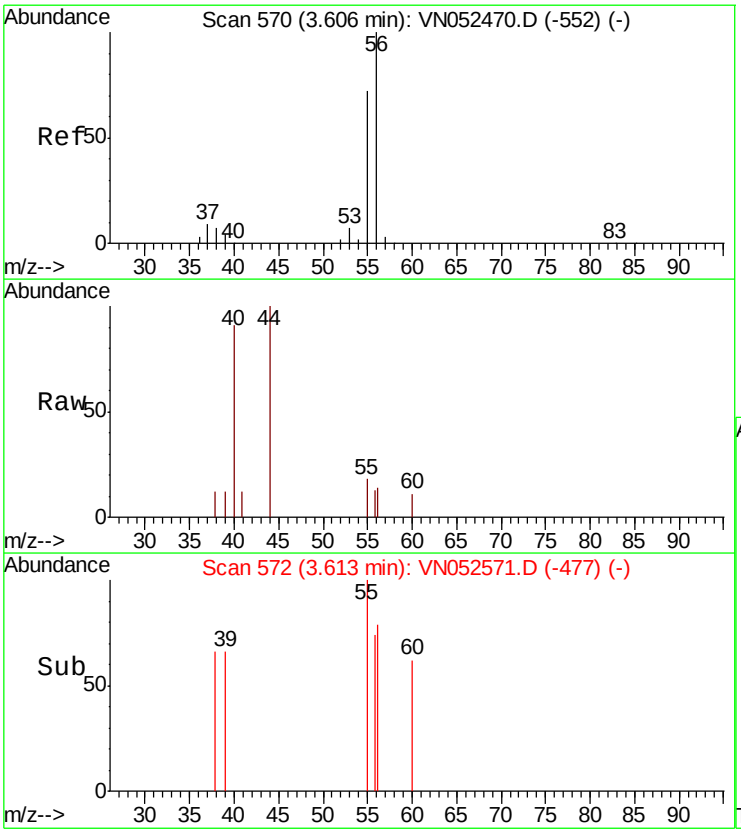
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
OK-01-112818

Tgt Ion:168 Resp: 1281404

Ion	Ratio	Lower	Upper
168	100		
99	51.4	41.7	62.5

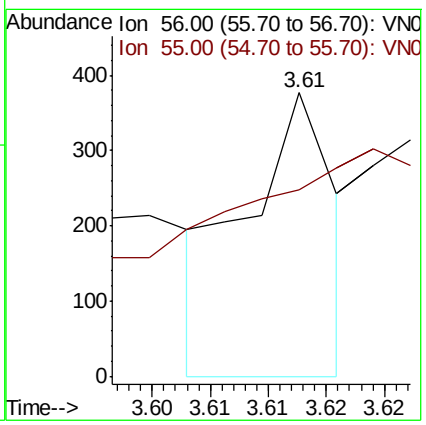


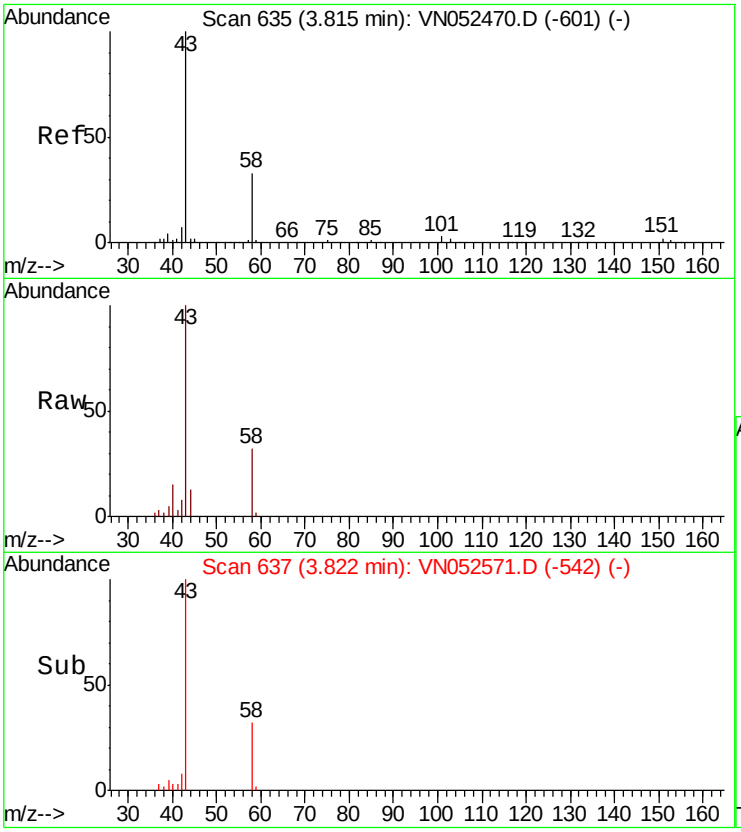


#13
Acrolein
Concen: 33.616 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.01 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 56 Resp: 200

Ion	Ratio	Lower	Upper
56	100		
55	224.0	56.8	85.2#

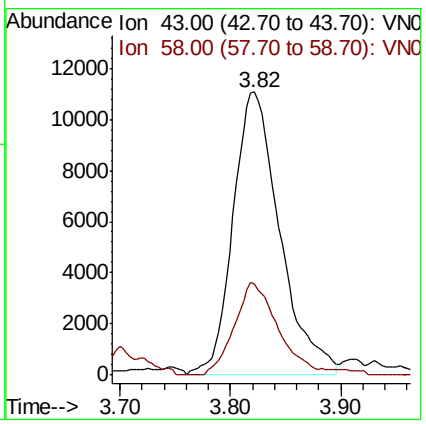




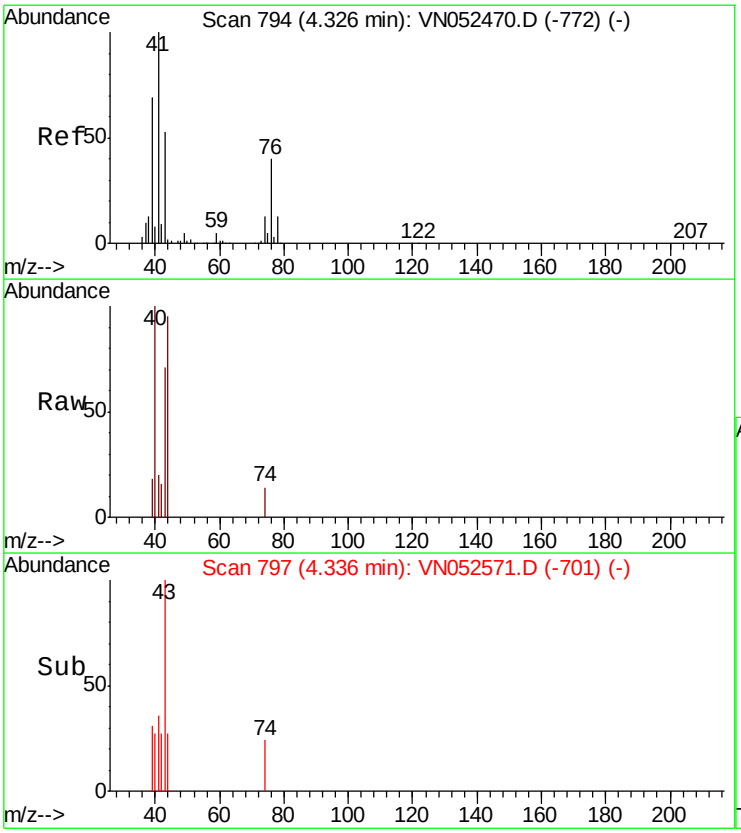
#16
Acetone
Concen: 8.882 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.01 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 43 Resp: 32686

Ion	Ratio	Lower	Upper
43	100		
58	32.2	26.0	39.0



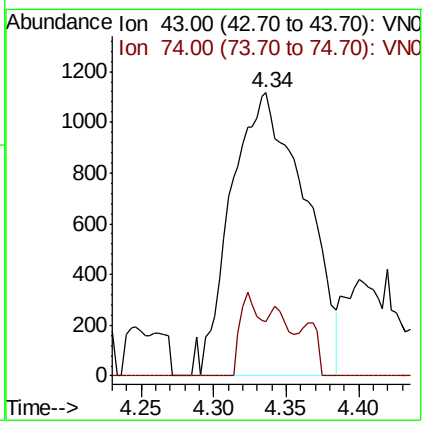
Instrument :
MSVOA_N
ClientSampleId :
OK-01-112818

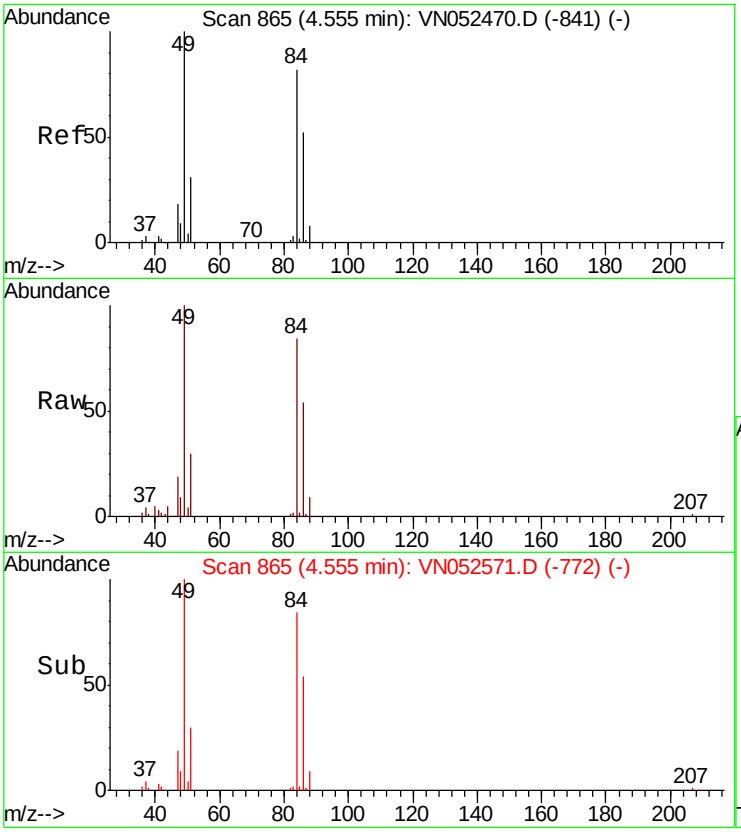


#18
Methyl Acetate
Concen: 0.374 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 43 Resp: 3946

Ion	Ratio	Lower	Upper
43	100		
74	6.5	18.6	27.8#



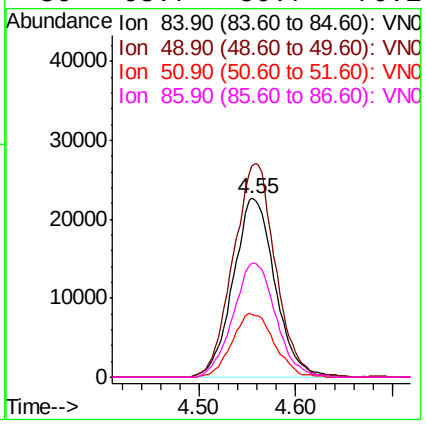


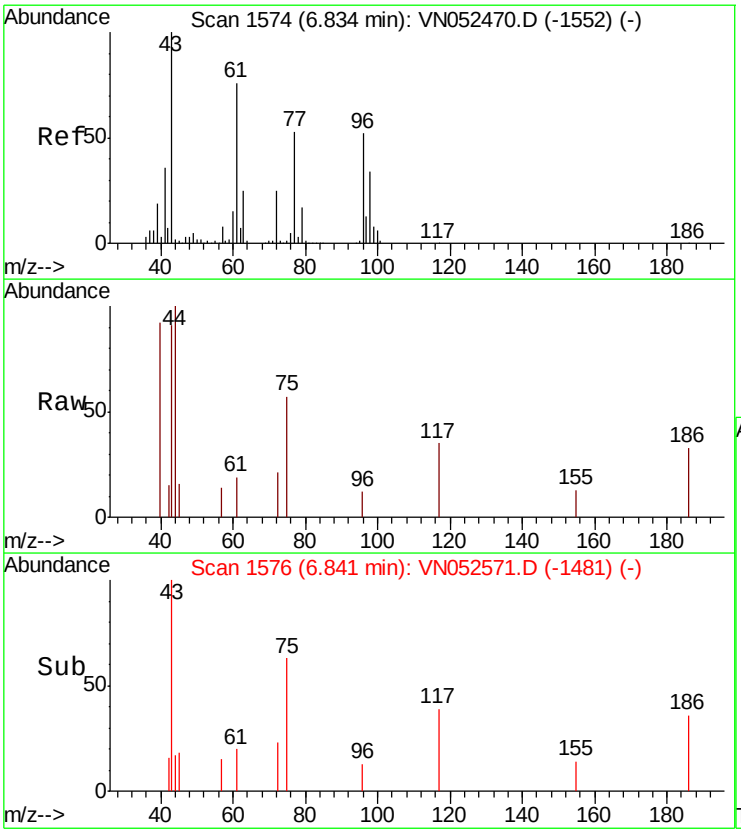
#20
Methylene Chloride
Concen: 4.714 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument : MSVOA_N
ClientSampleId : OK-01-112818

Tgt Ion: 84 Resp: 67892

Ion	Ratio	Lower	Upper
84	100		
49	118.5	98.0	147.0
51	35.2	30.1	45.1
86	63.7	50.7	76.1

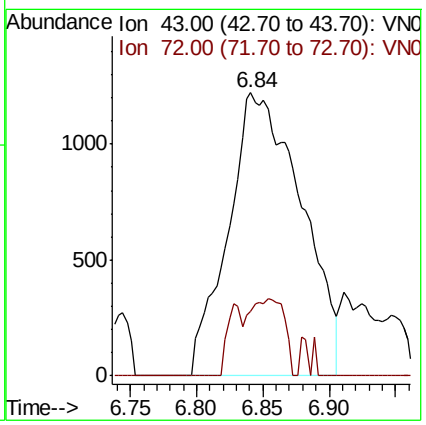


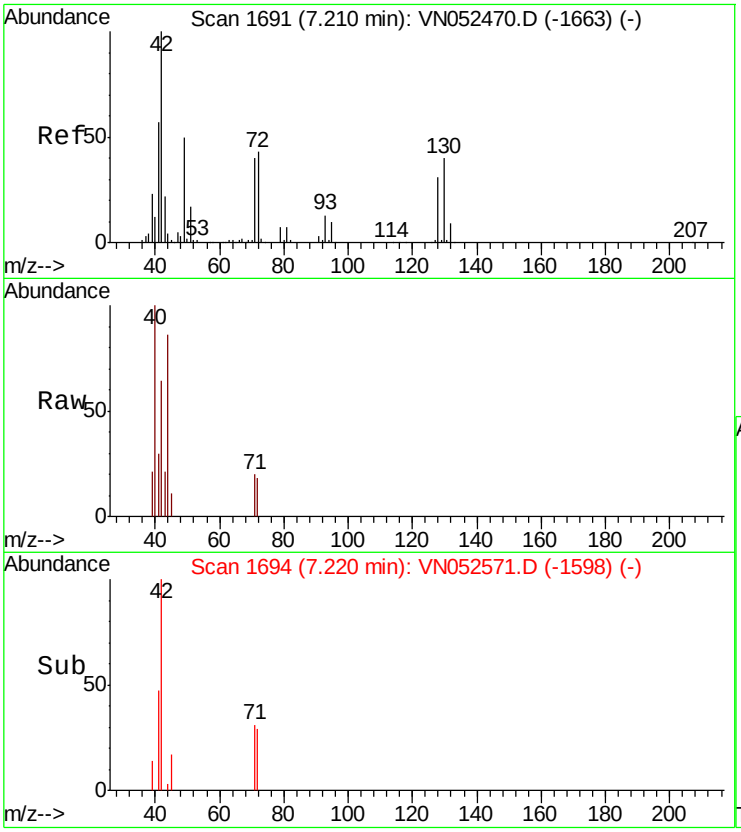


#25
2-Butanone
Concen: 0.903 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 43 Resp: 4709

Ion	Ratio	Lower	Upper
43	100		
72	22.7	20.1	30.1



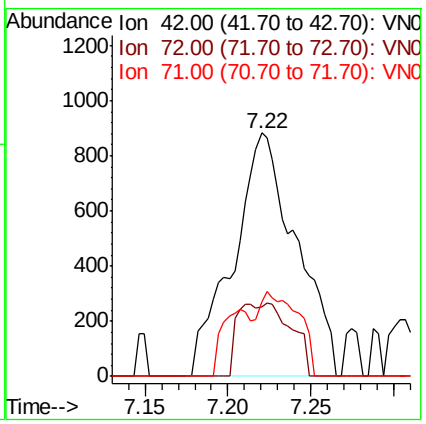


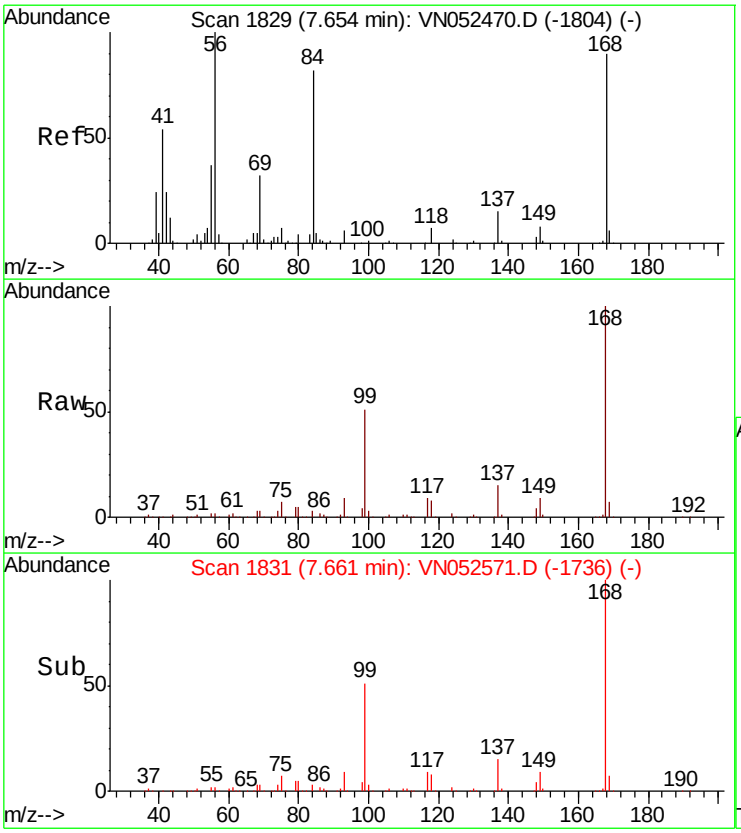
#29
Tetrahydrofuran
Concen: 0.691 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
OK-01-112818

Tgt Ion: 42 Resp: 2326

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.3	49.9#
71	22.5	32.0	48.0#

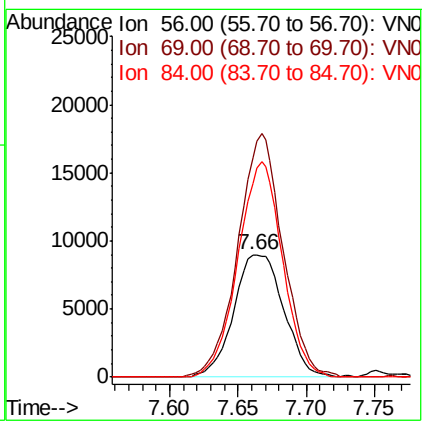


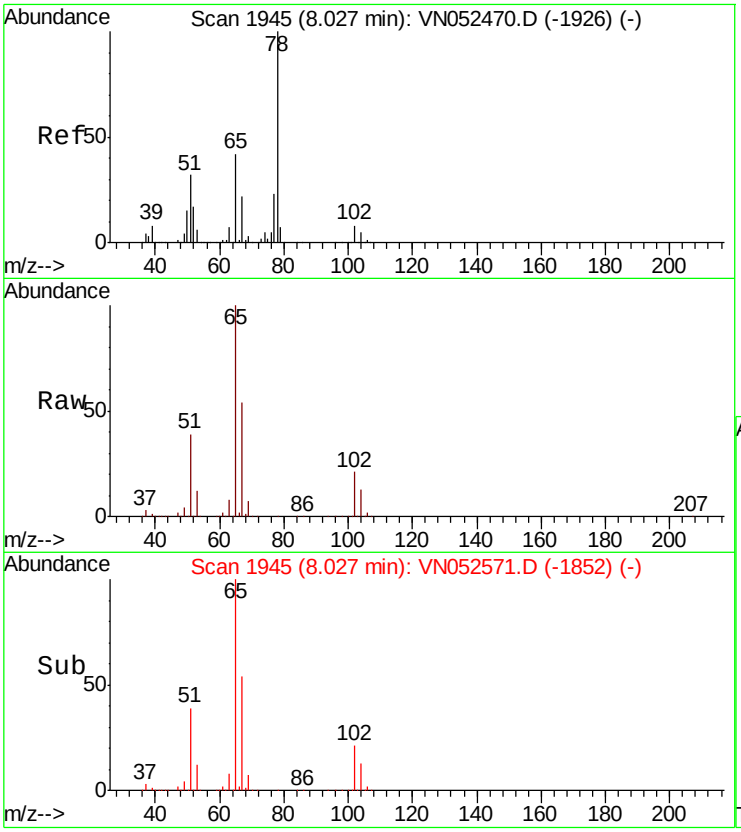


#31
Cyclohexane
Concen: 0.590 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 56 Resp: 22849

Ion	Ratio	Lower	Upper
56	100		
69	176.9	25.8	38.6#
84	157.7	65.3	97.9#



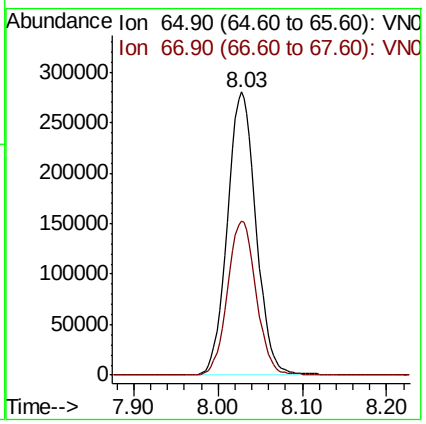


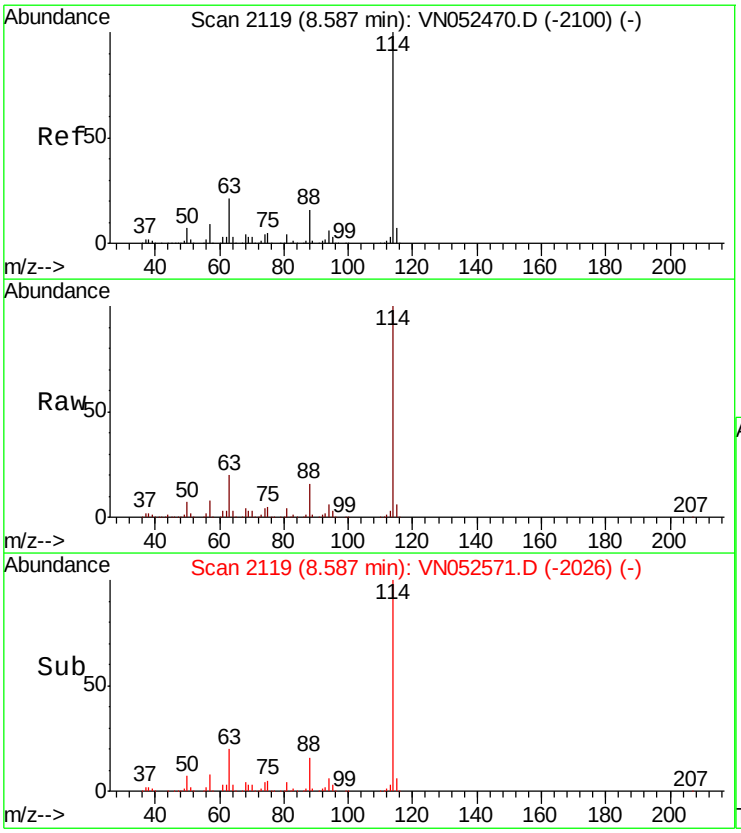
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
OK-01-112818

Tgt Ion: 65 Resp: 661160

Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	109.8

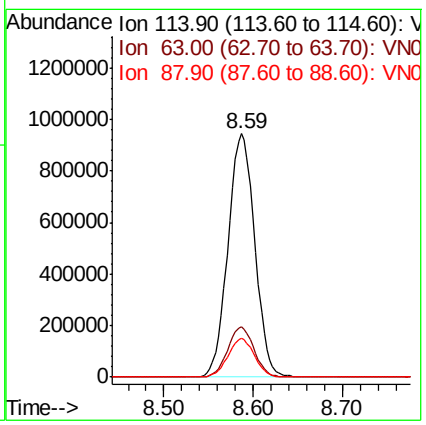


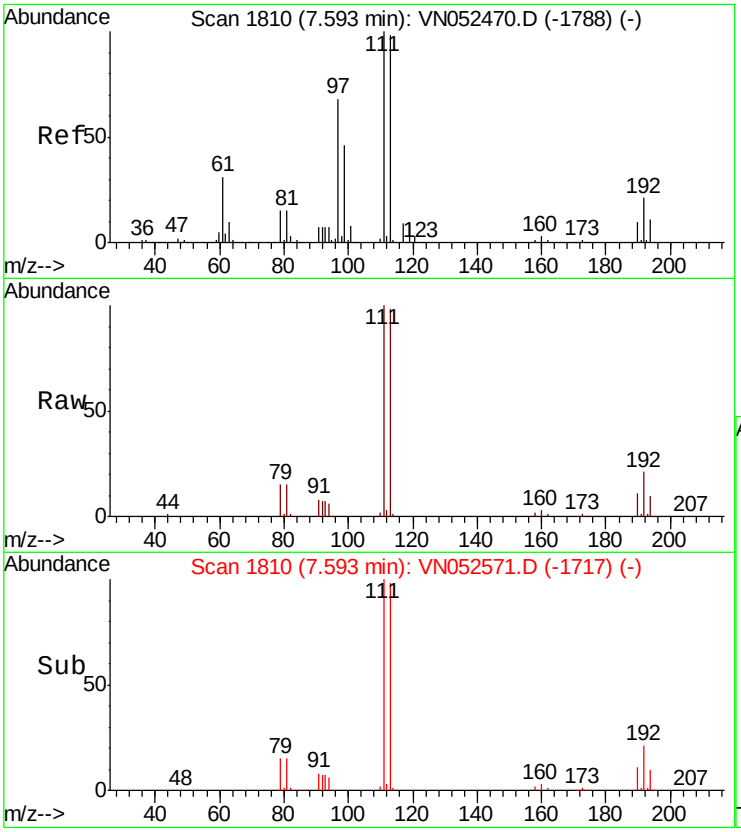


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion:114 Resp: 1965908

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.8
88	15.8	0.0	31.6



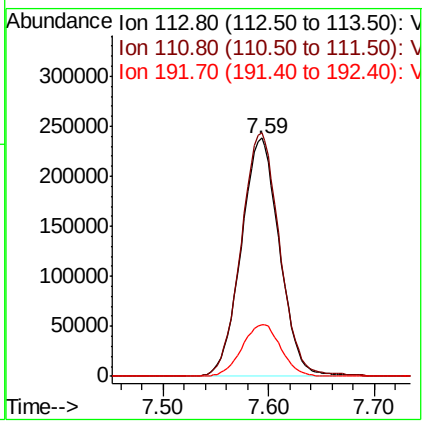


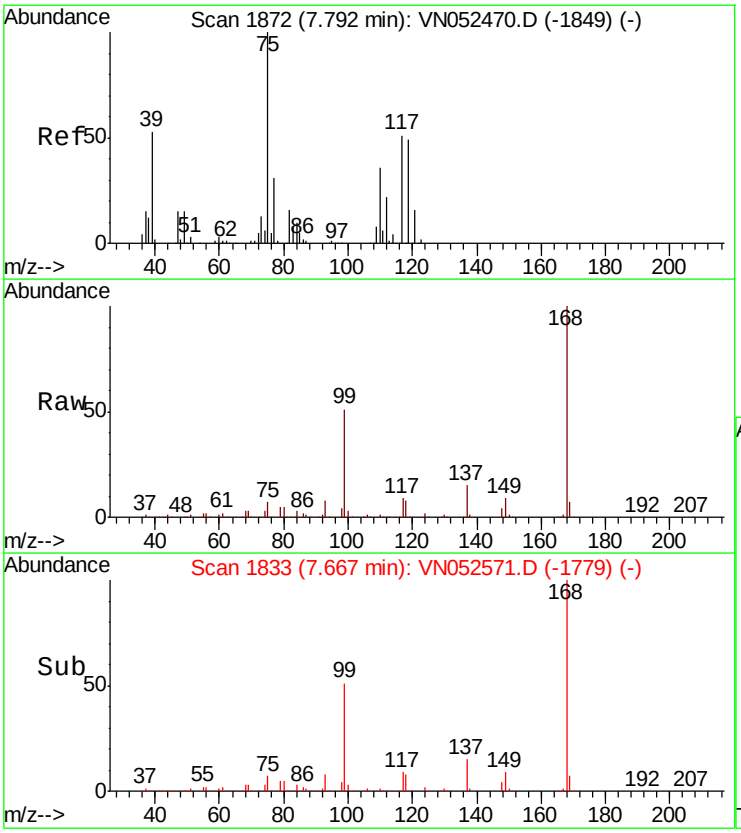
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
OK-01-112818

Tgt Ion:113 Resp: 600012

Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	22.2	17.0	25.6

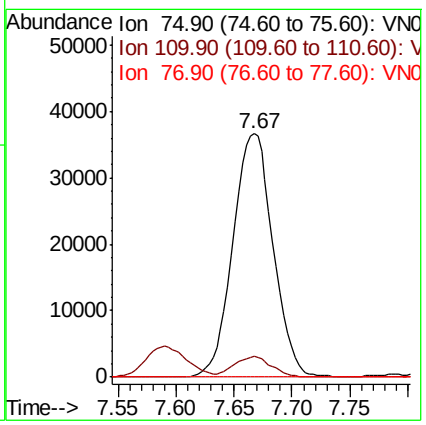


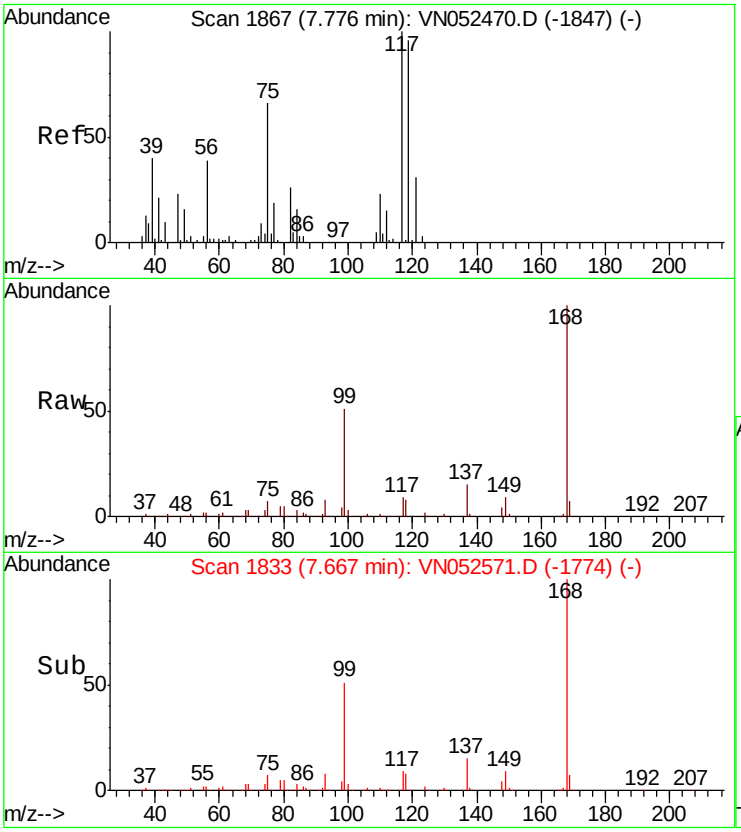


#36
1,1-Dichloropropene
Concen: 4.743 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 75 Resp: 88056

Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.5	52.6#
77	0.0	24.5	36.7#



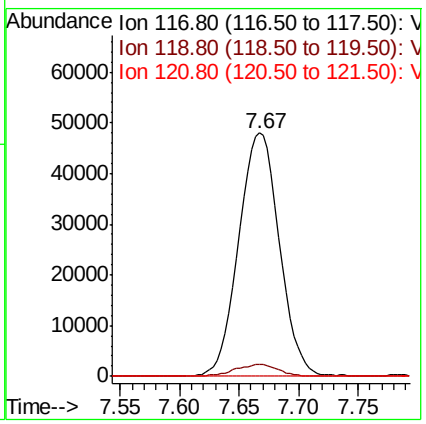


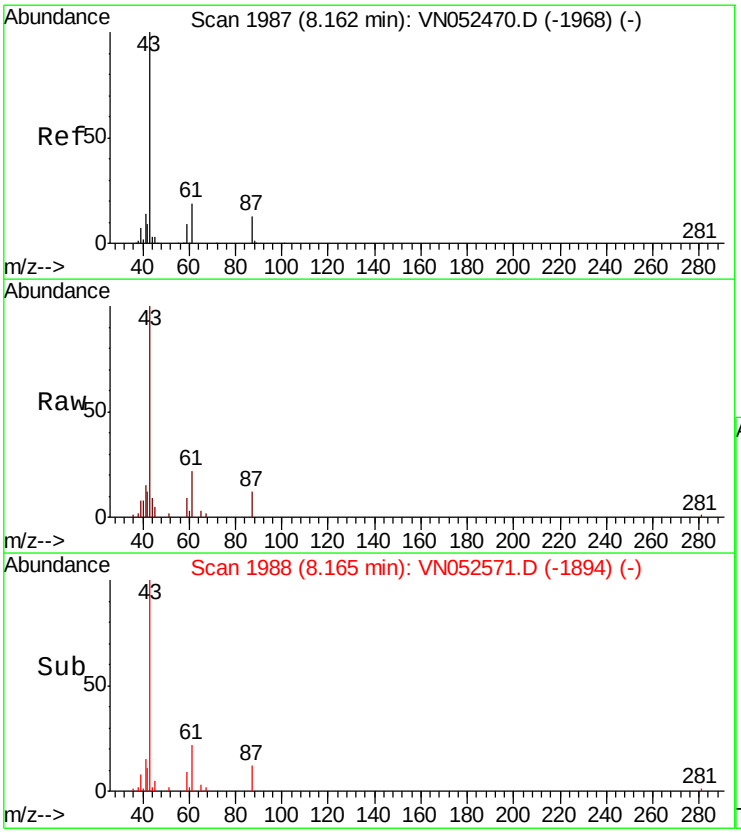
#38
Carbon Tetrachloride
Concen: 6.759 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
OK-01-112818

Tgt Ion:117 Resp: 113593

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.8	115.2#
121	0.0	24.9	37.3#

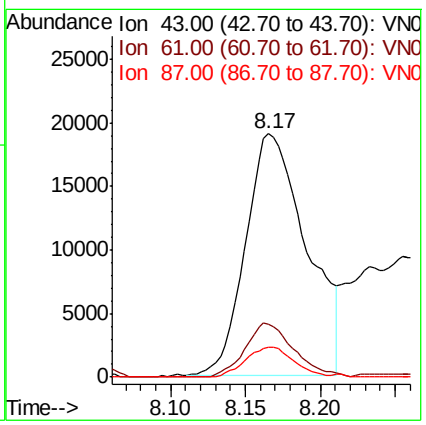


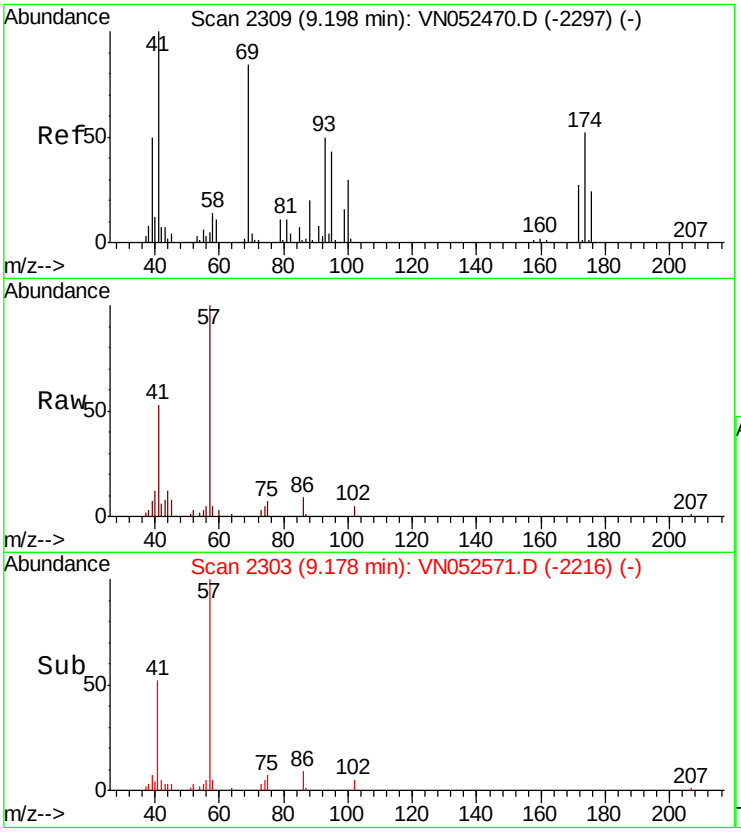


#43
Isopropyl Acetate
Concen: 2.813 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 43 Resp: 53941

Ion	Ratio	Lower	Upper
43	100		
61	17.9	24.1	36.1#
87	9.8	10.6	15.8#



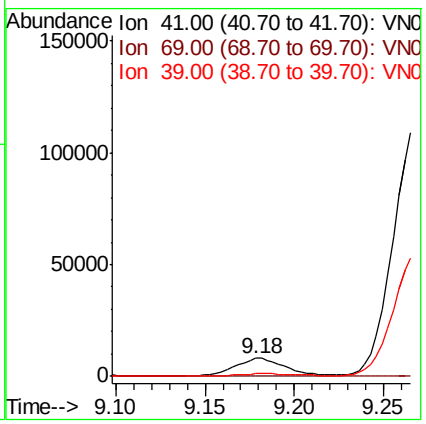


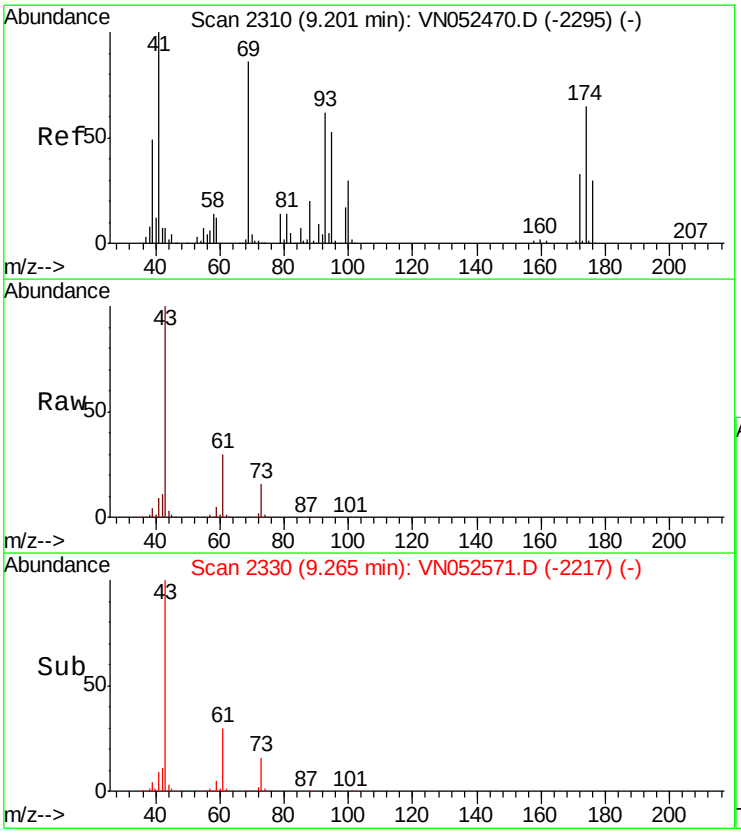
#48
Methyl methacrylate
Concen: 1.530 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.02 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument : MSVOA_N
ClientSampleId : OK-01-112818

Tgt Ion: 41 Resp: 15293

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

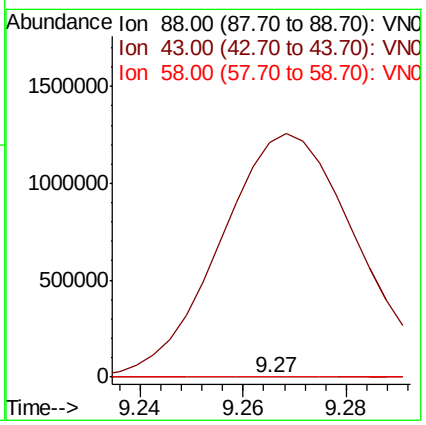


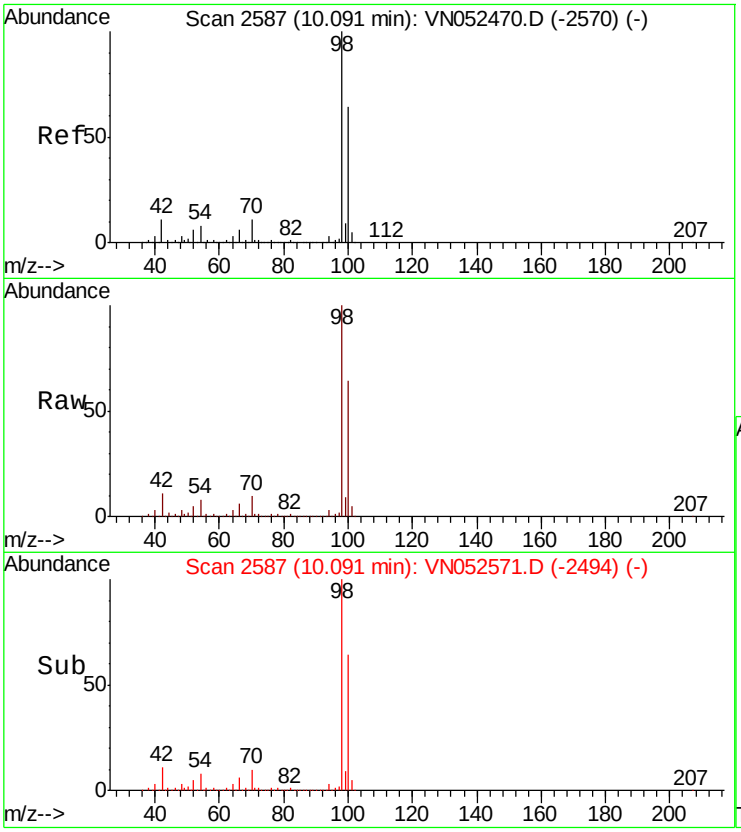


#49
1,4-Dioxane
Concen: 2.429 ug/l
RT: 9.27 min Scan# 2330
Delta R.T. 0.06 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 88 Resp: 252

Ion	Ratio	Lower	Upper
88	100		
43	938803.2	26.4	39.6#
58	4184.5	55.4	83.0#



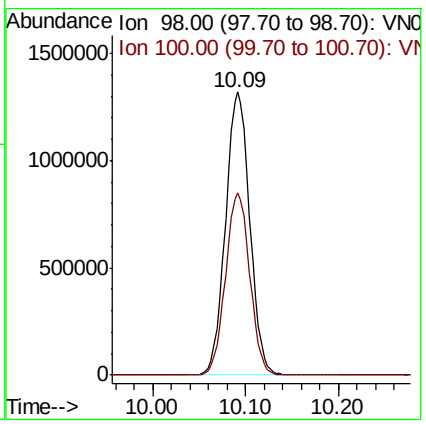


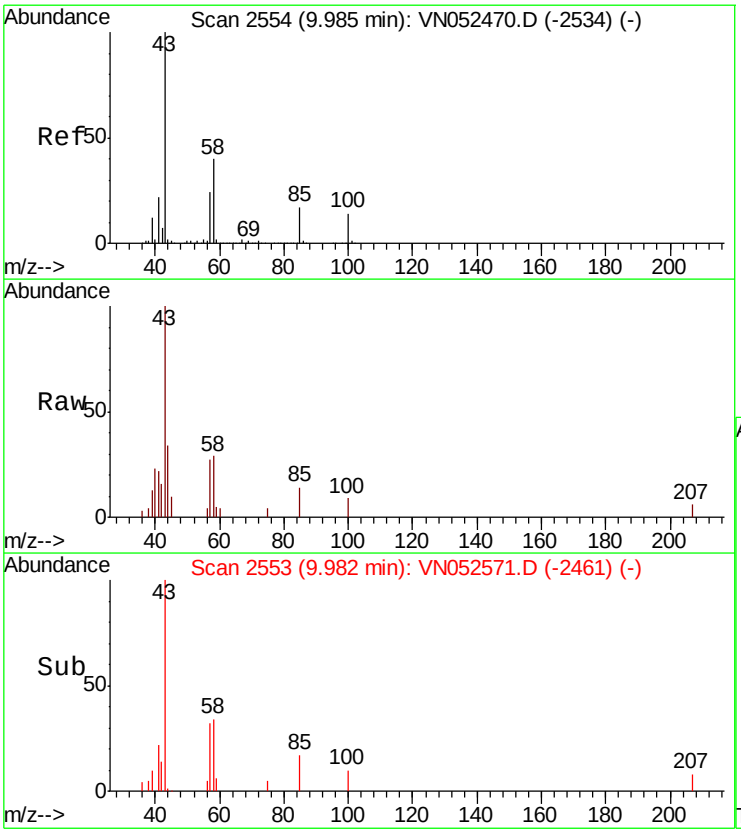
#50
Toluene-d8
Concen: 2.429 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument : MSVOA_N
ClientSampleId : OK-01-112818

Tgt Ion: 98 Resp: 2390057

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.3	76.9

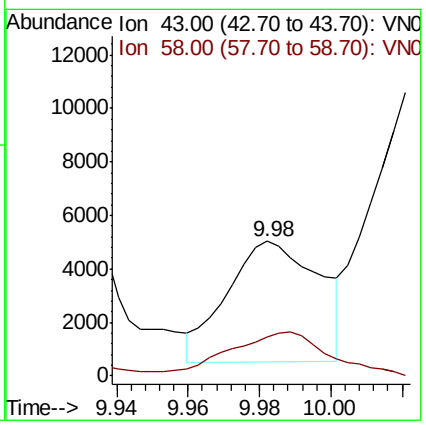


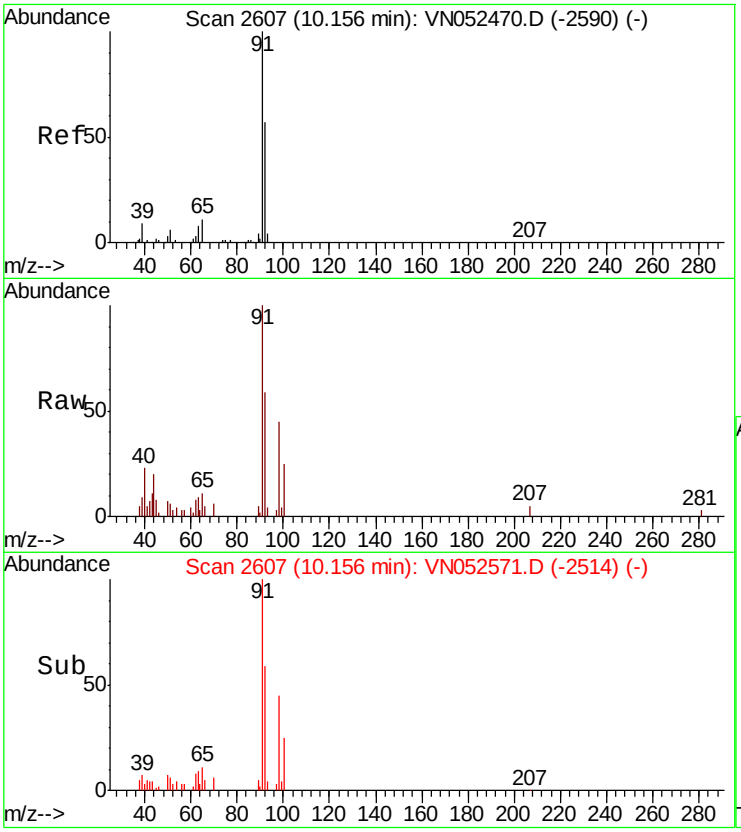


#51
4-Methyl-2-Pentanone
Concen: 0.750 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 43 Resp: 8068

Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.5	47.3



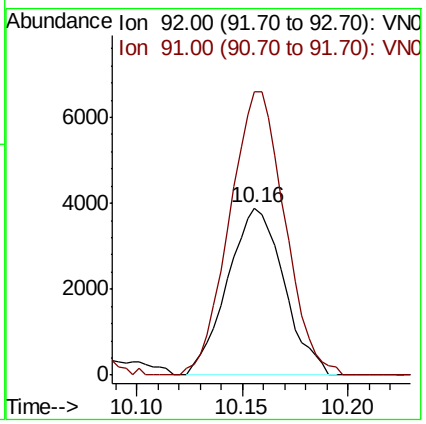


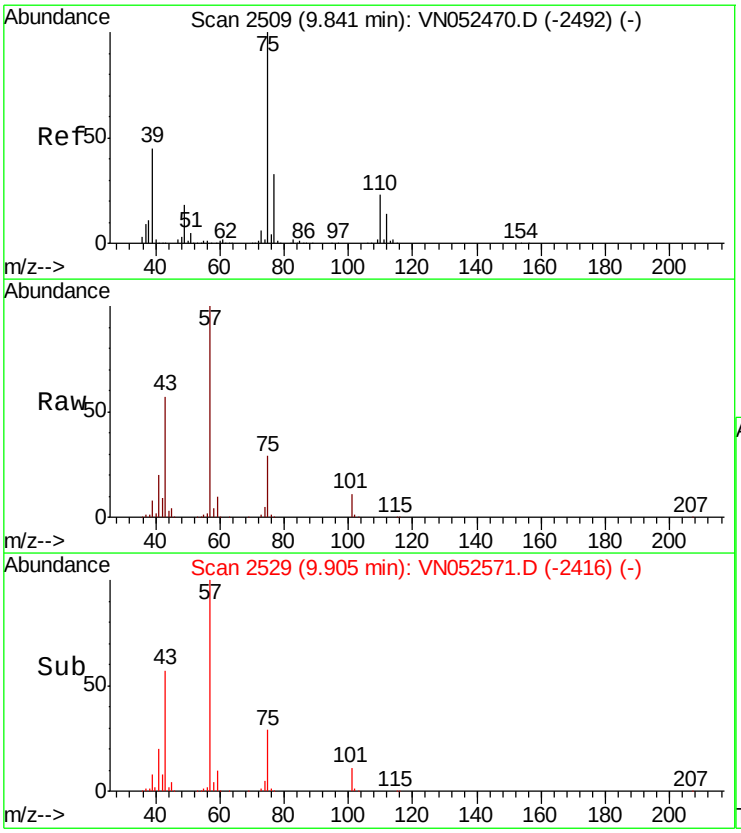
#52
Toluene
Concen: 0.220 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument : MSVOA_N
ClientSampleId : OK-01-112818

Tgt Ion: 92 Resp: 7223

Ion	Ratio	Lower	Upper
92	100		
91	166.0	141.0	211.4

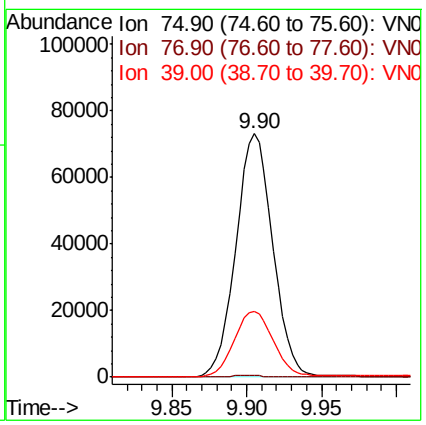


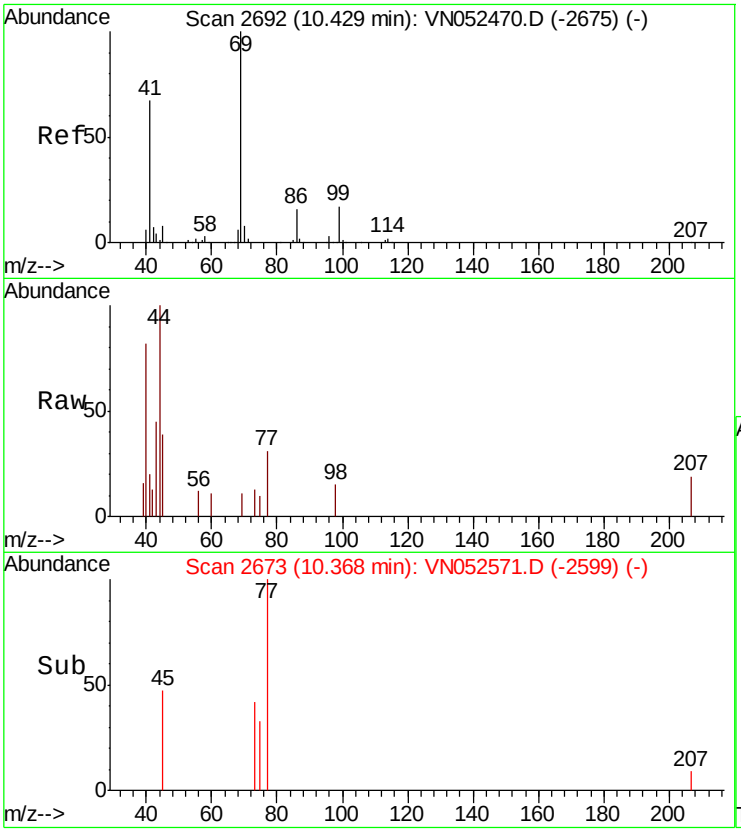


#54
cis-1,3-Dichloropropene
Concen: 6.155 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 75 Resp: 125632

Ion	Ratio	Lower	Upper
75	100		
77	0.6	26.2	39.2#
39	27.1	36.0	54.0#



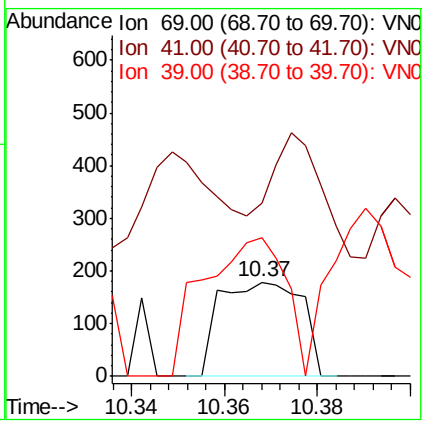


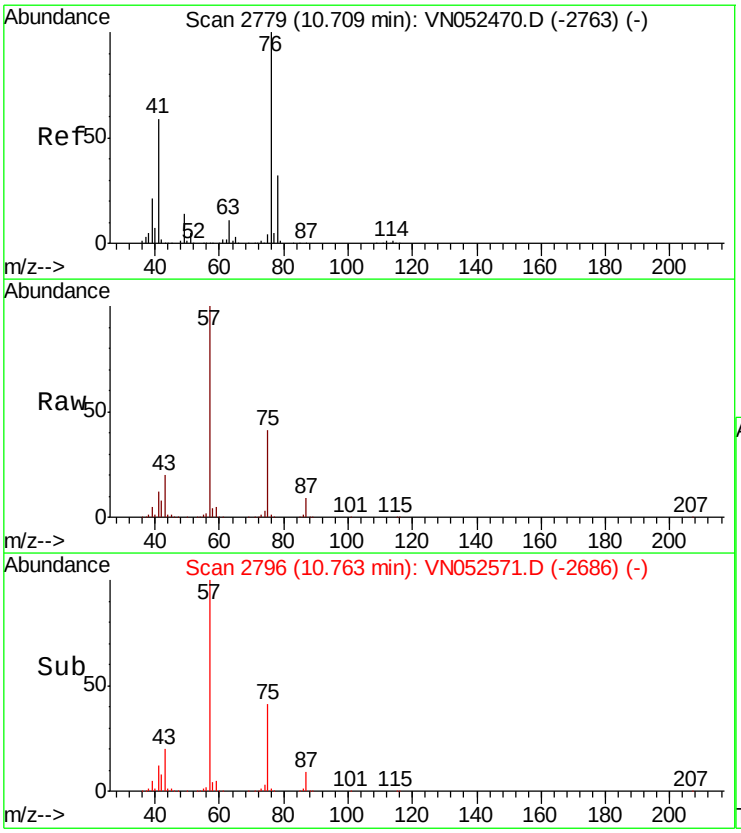
#56
Ethyl methacrylate
Concen: 2.706 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.06 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument : MSVOA_N
ClientSampleId : OK-01-112818

Tgt Ion: 69 Resp: 220

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

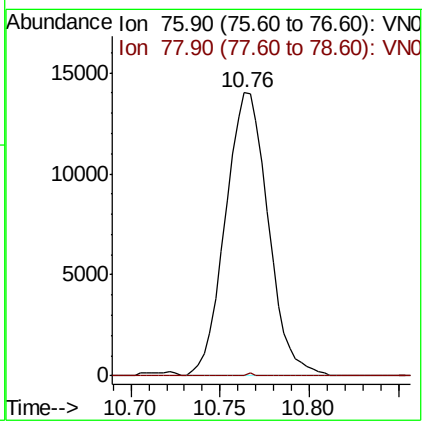


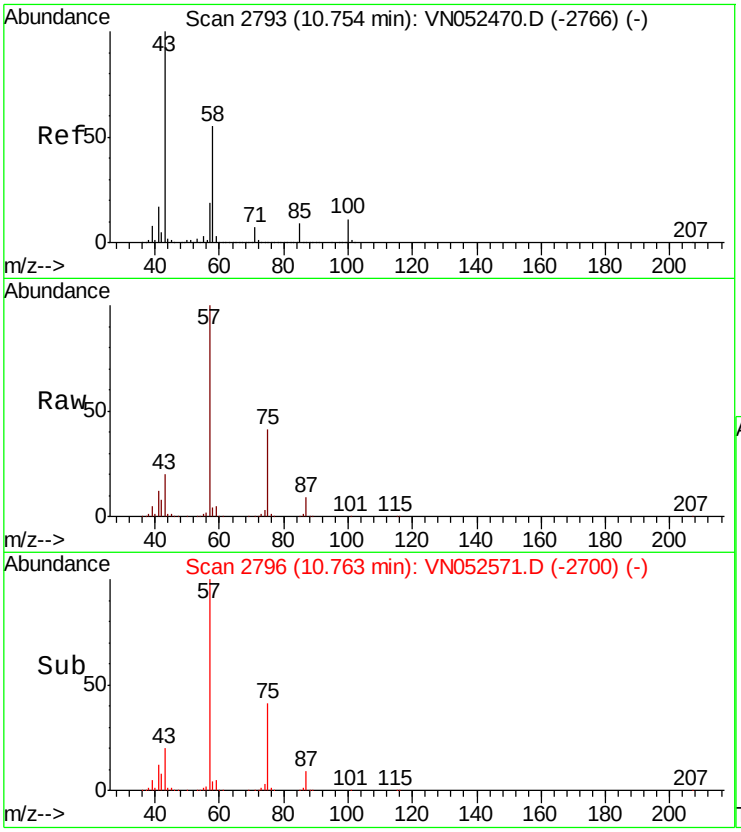


#57
1,3-Dichloropropane
Concen: 1.146 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.05 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 76 Resp: 23388

Ion	Ratio	Lower	Upper
76	100		
78	0.1	25.6	38.4#



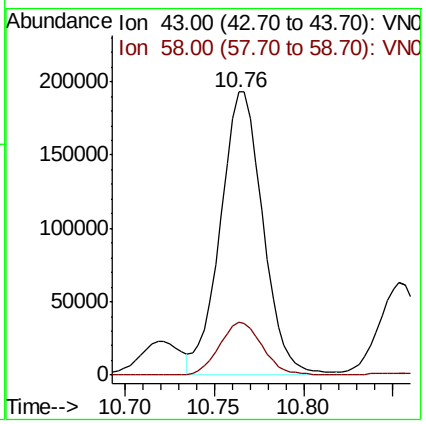


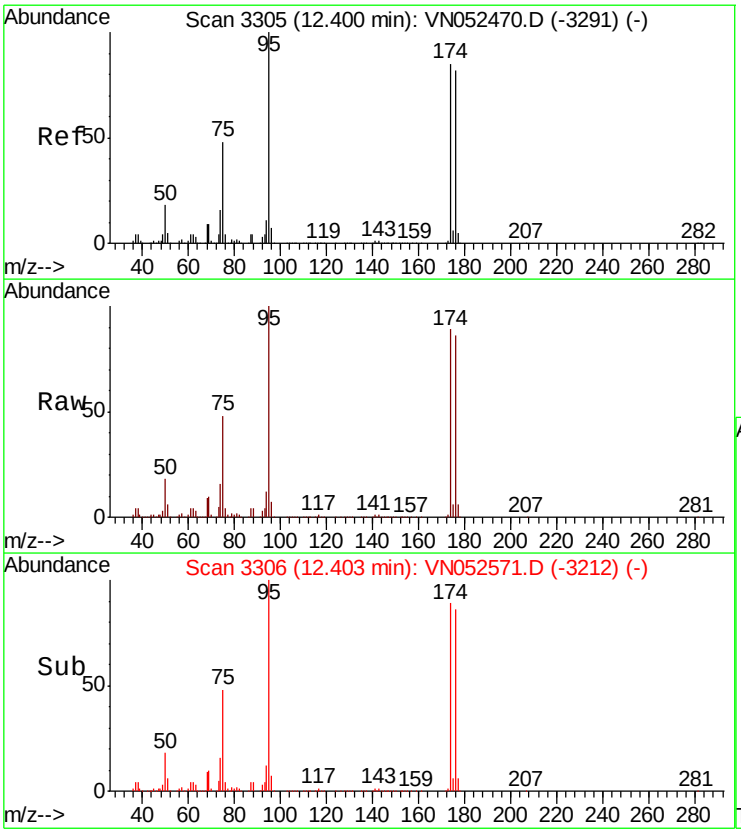
#59
2-Hexanone
Concen: 44.002 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument : MSVOA_N
ClientSampleId : OK-01-112818

Tgt Ion: 43 Resp: 317700

Ion	Ratio	Lower	Upper
43	100		
58	19.0	27.4	82.0#

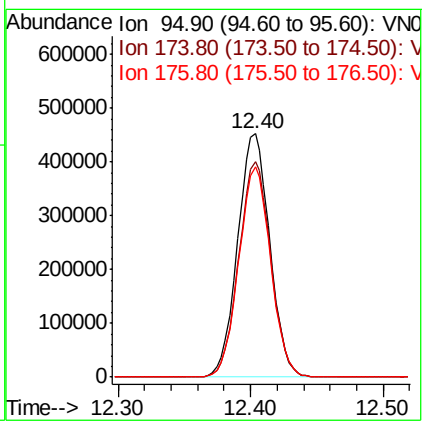


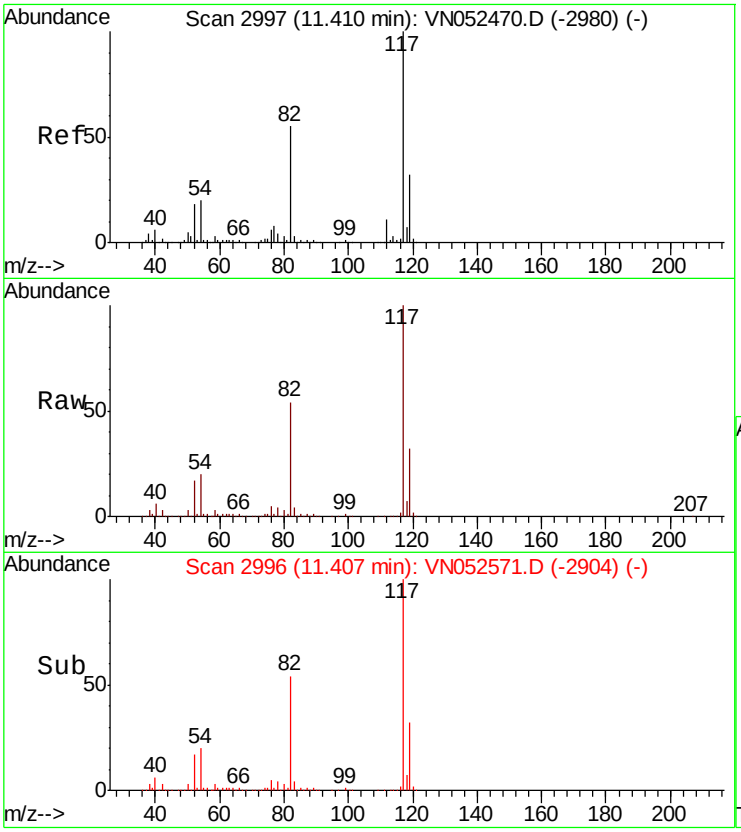


#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 95 Resp: 758463

Ion	Ratio	Lower	Upper
95	100		
174	88.3	0.0	173.0
176	85.7	0.0	166.2



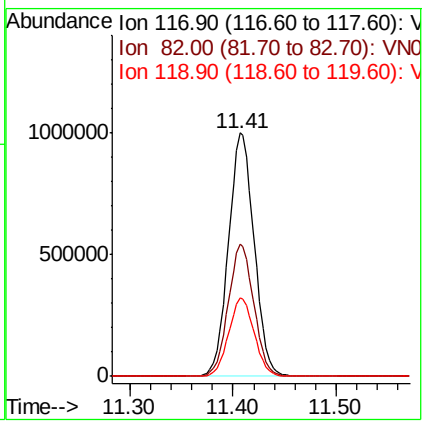


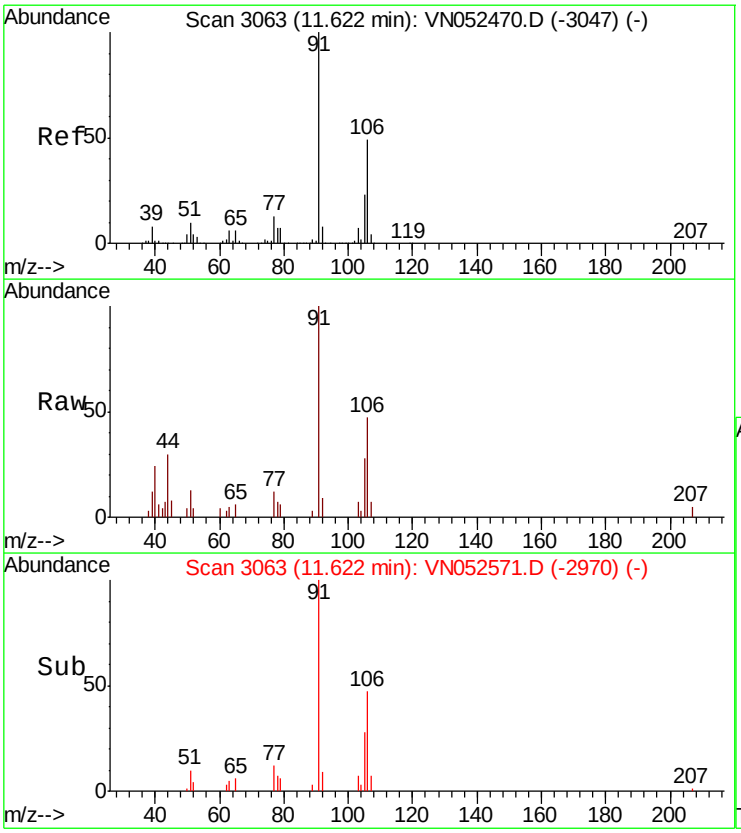
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
OK-01-112818

Tgt Ion:117 Resp: 1729469

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.6	65.4
119	32.3	25.4	38.2

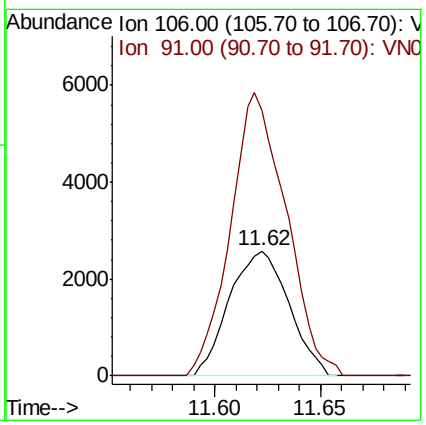


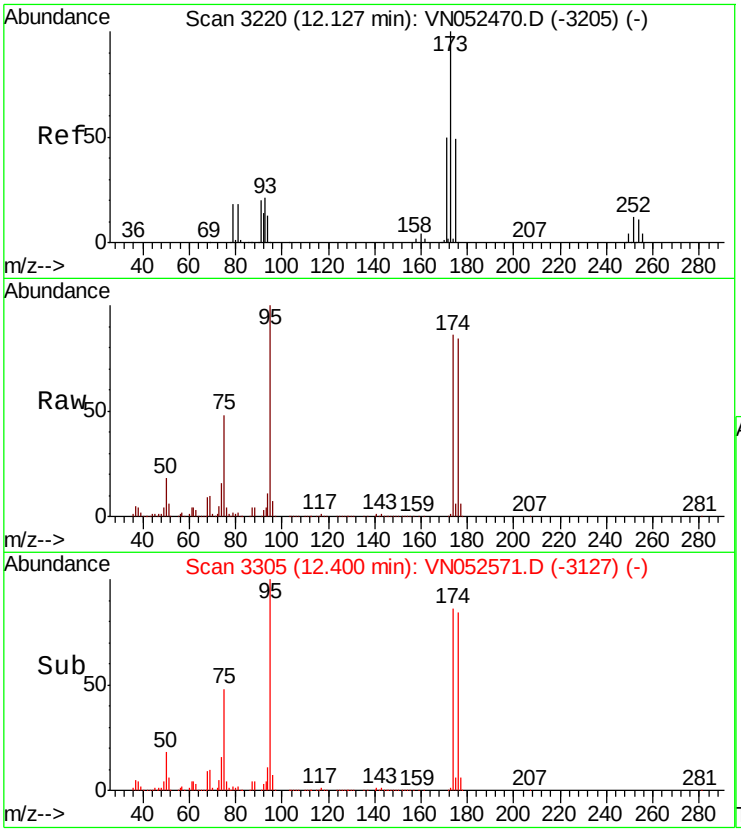


#68
m/p-Xylenes
Concen: 0.218 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion:106 Resp: 5063

Ion	Ratio	Lower	Upper
106	100		
91	211.6	163.2	244.8



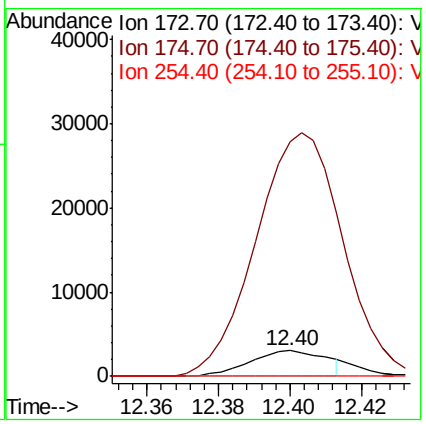


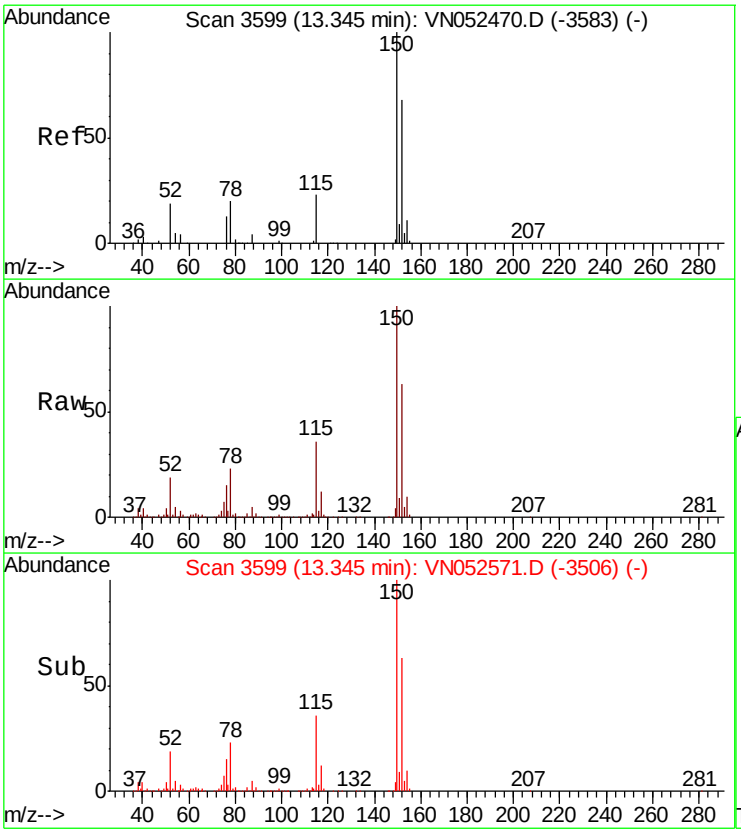
#71
Bromoform
Concen: 0.548 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument : MSVOA_N
ClientSampleId : OK-01-112818

Tgt Ion:173 Resp: 4498

Ion	Ratio	Lower	Upper
173	100		
175	933.9	24.4	73.2#
254	0.0	0.1	0.1#

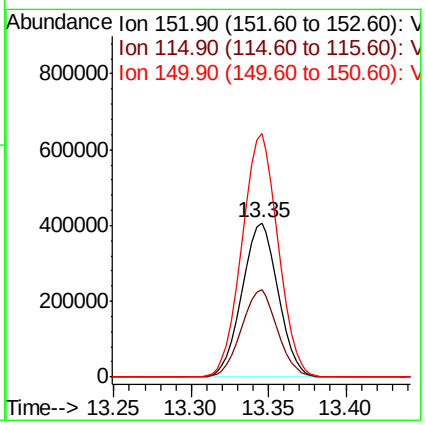


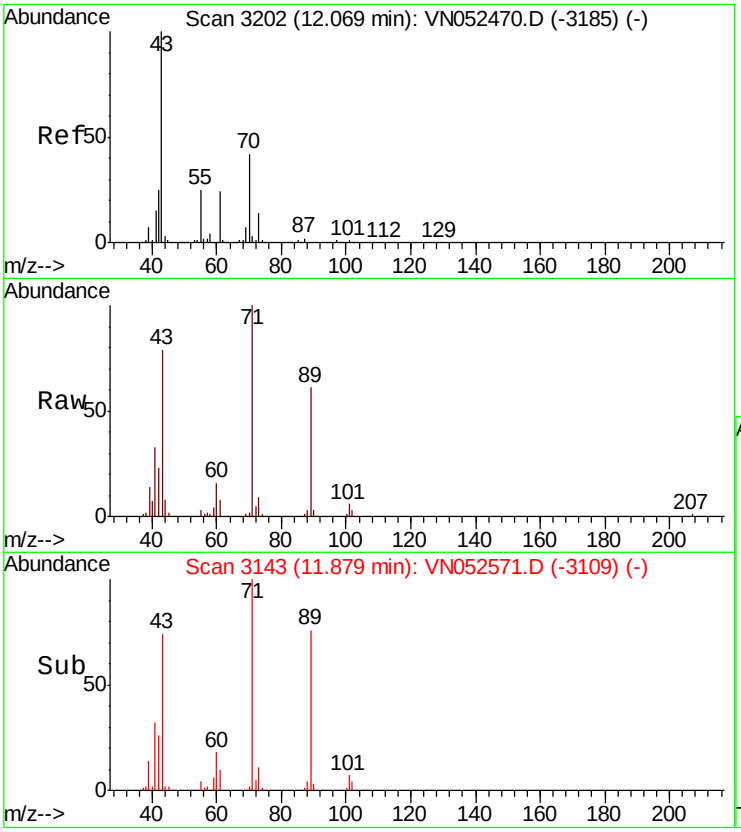


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion:152 Resp: 664321

Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.4	85.2
150	157.7	0.0	346.0



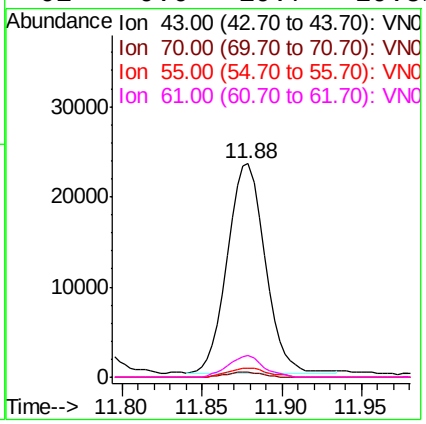


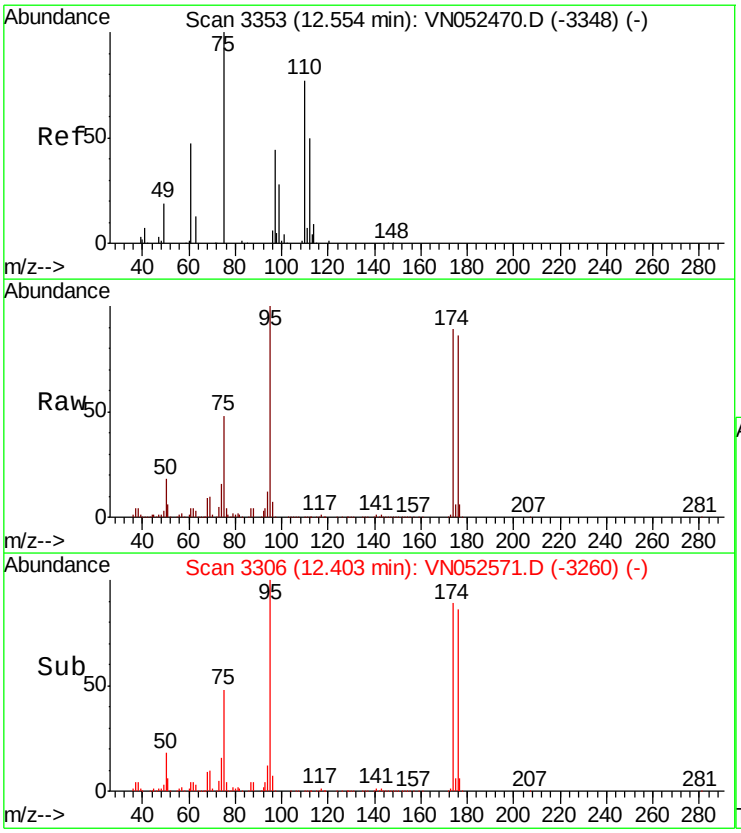
#74
N-amyl acetate
Concen: 2.822 ug/l
RT: 11.88 min Scan# 3143
Delta R.T. -0.19 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument : MSVOA_N
ClientSampleId : OK-01-112818

Tgt Ion: 43 Resp: 37163

Ion	Ratio	Lower	Upper
43	100		
70	2.4	33.8	50.8#
55	4.6	20.0	30.0#
61	9.6	19.7	29.5#

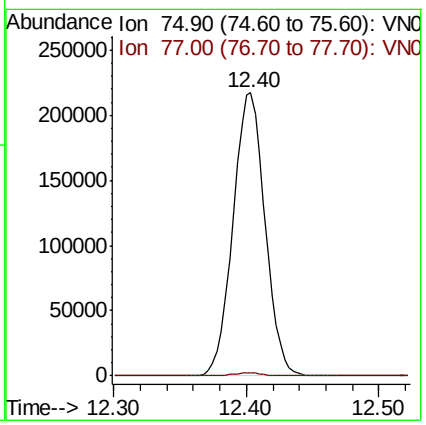


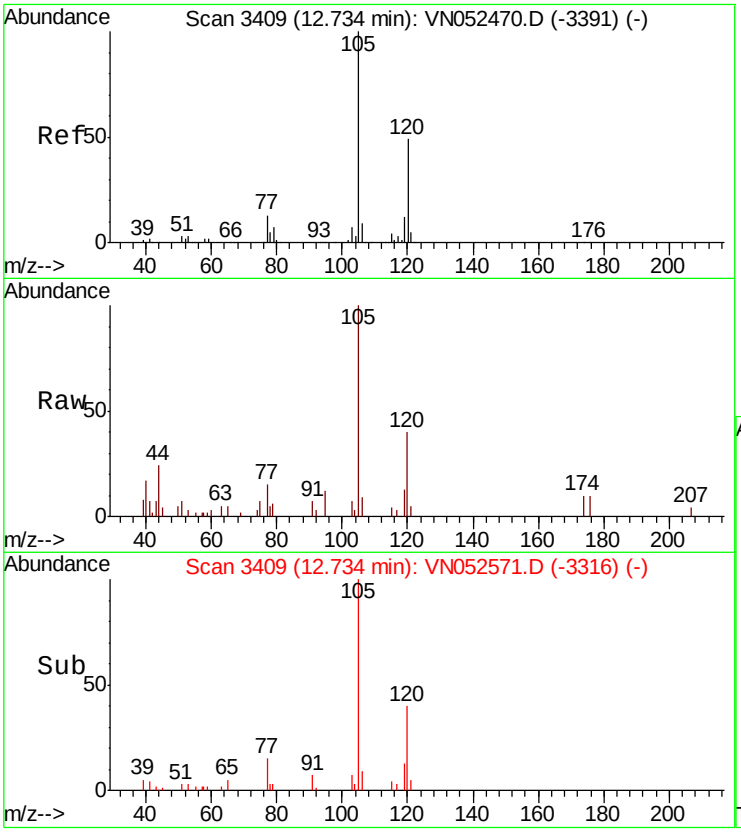


#76
1,2,3-Trichloropropane
Concen: 35.449 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 75 Resp: 363143

Ion	Ratio	Lower	Upper
75	100		
77	1.0	0.0	0.0#



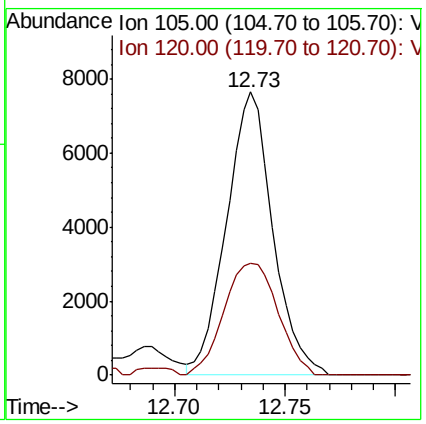


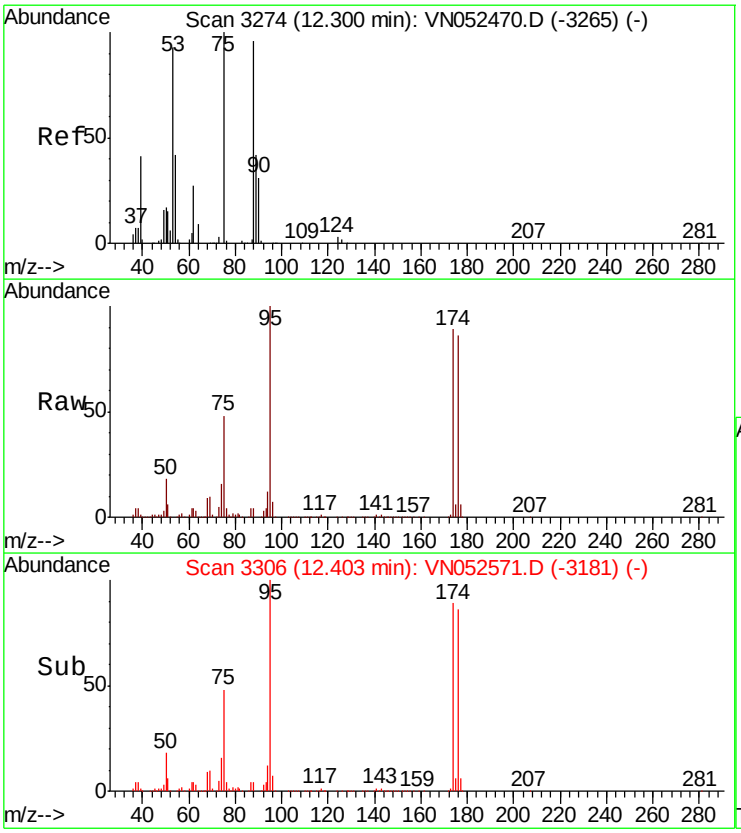
#80
1,3,5-Trimethylbenzene
Concen: 0.269 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
OK-01-112818

Tgt Ion:105 Resp: 11197

Ion	Ratio	Lower	Upper
105	100		
120	46.0	24.3	73.0

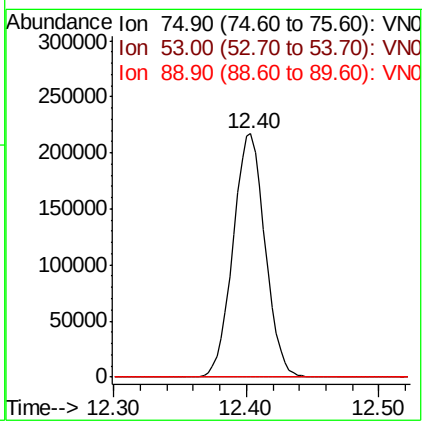


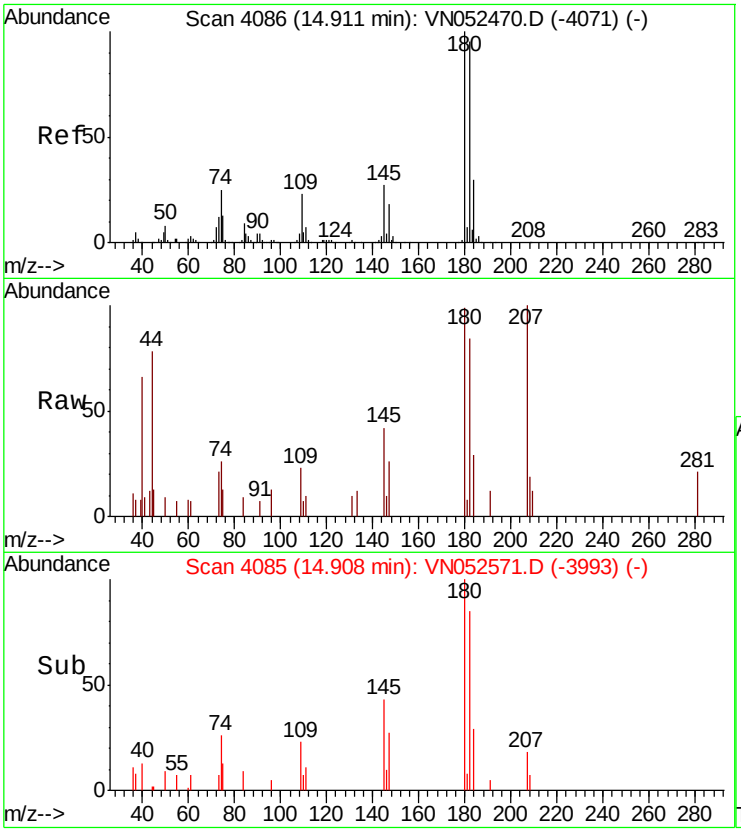


#81
trans-1,4-Dichloro-2-butene
Concen: 118.382 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion: 75 Resp: 363143

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



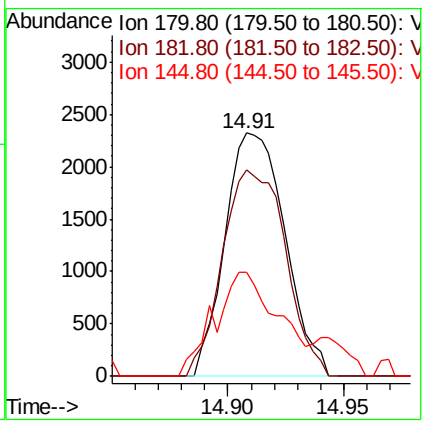


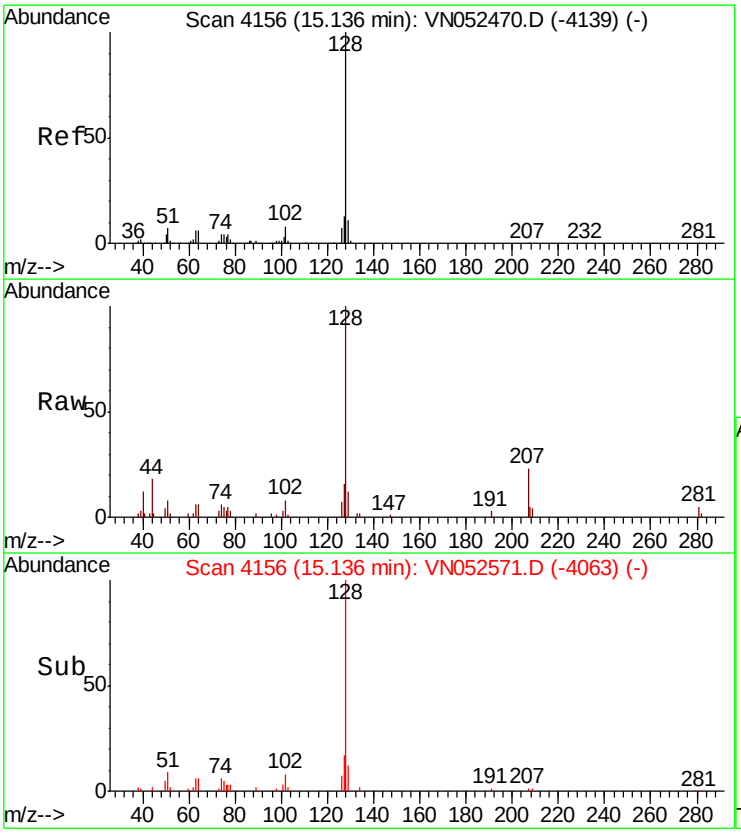
#93
1,2,4-Trichlorobenzene
Concen: 3.164 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
OK-01-112818

Tgt Ion:180 Resp: 4178

Ion	Ratio	Lower	Upper
180	100		
182	89.3	47.8	143.4
145	45.4	14.1	42.3#

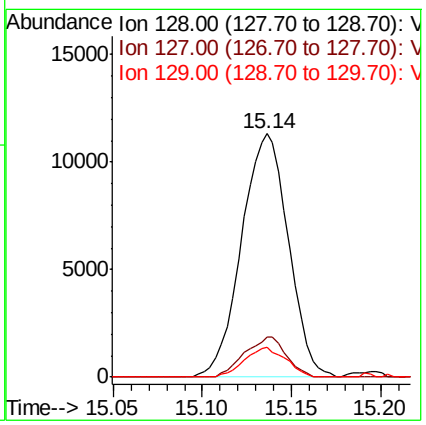


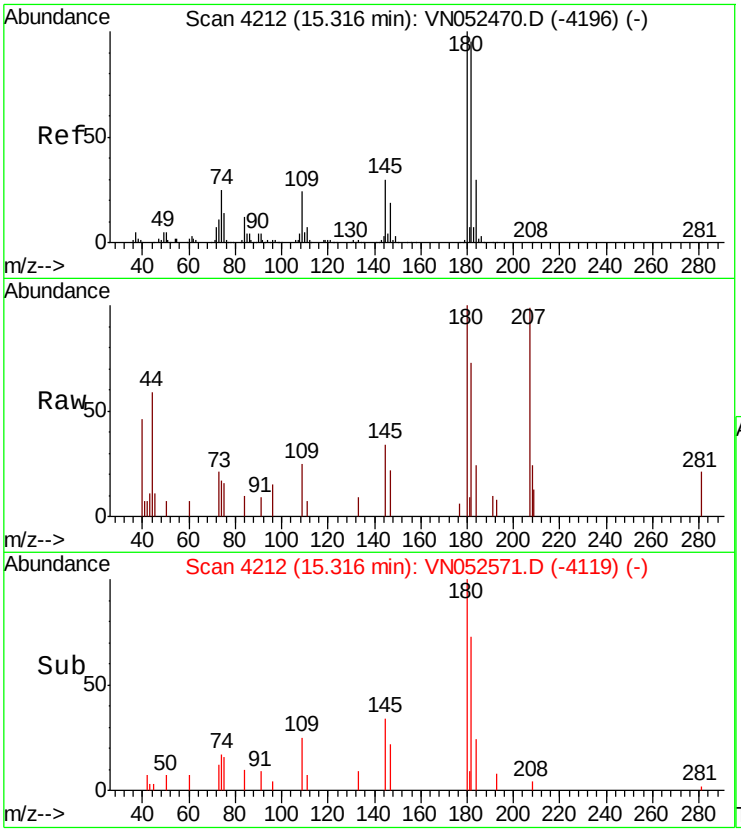


#95
Naphthalene
Concen: 4.202 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Tgt Ion:128 Resp: 20768

Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.2	15.2
129	10.8	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 3.147 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052571.D
Acq: 29 Nov 2018 17:58

Instrument :
MSVOA_N
ClientSampleId :
OK-01-112818

Tgt Ion:180 Resp: 4823

Ion	Ratio	Lower	Upper
180	100		
182	76.6	47.8	143.3
145	41.1	15.2	45.5