Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092718\
Data File : VN051559.D
Acq On : 27 Sep 2018 1:19
Operator : MD\SY
Sample : J5064-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : COMP

Quant Time: Sep 27 08:03:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	612442	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	982939	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	791498	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321827	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	439415	57.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 114.56%				
35) Dibromofluoromethane	7.59	113	371660	47.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.56%				
50) Toluene-d8	10.09	98	1360032	45.95	ug/l		0.00
Spiked Amount 50.000			Recovery = 91.90%				
62) 4-Bromofluorobenzene	12.40	95	376470	39.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 78.64%				
Target Compounds							Qvalue
5) Bromomethane	2.57	94	978	0.222	ug/l	#	41
11) Tert butyl alcohol	4.80	59	480	1.109	ug/l	#	78
14) Allyl chloride	4.55	41	7944	0.695	ug/l	#	26
16) Acetone	3.82	43	77294	23.544	ug/l		99
18) Methyl Acetate	4.33	43	14280	2.444	ug/l	#	68
20) Methylene Chloride	4.55	84	180672	23.799	ug/l		99
25) 2-Butanone	6.85	43	17347	6.606	ug/l		99
29) Tetrahydrofuran	7.22	42	1217	0.731	ug/l	#	64
30) Chloroform	7.38	83	13891	1.063	ug/l		96
31) Cyclohexane	7.67	56	12076	1.000	ug/l	#	1
36) 1,1-Dichloropropene	7.67	75	42910	3.770	ug/l	#	49
37) Ethyl Acetate	6.85	43	17347	2.651	ug/l	#	68
38) Carbon Tetrachloride	7.67	117	54836	4.606	ug/l	#	17
40) Benzene	8.05	78	12697	0.380	ug/l		98
43) Isopropyl Acetate	8.26	43	171298	14.475	ug/l	#	60
47) Bromodichloromethane	9.40	83	2652	0.233	ug/l	#	71
48) Methyl methacrylate	9.18	41	6805	1.153	ug/l	#	23
51) 4-Methyl-2-Pentanone	9.99	43	4193	0.644	ug/l		92
52) Toluene	10.16	92	29758	1.433	ug/l		98
59) 2-Hexanone	10.75	43	3551	0.842	ug/l		89
67) Ethyl Benzene	11.51	91	23239	0.679	ug/l		100
68) m/p-Xylenes	11.62	106	26637	2.012	ug/l		99
69) o-Xylene	11.95	106	10172	0.799	ug/l		98
70) Styrene	11.96	104	4646	0.230	ug/l	#	75
74) N-amyl acetate	12.03	43	5144	0.755	ug/l	#	48
76) 1,2,3-Trichloropropane	12.40	75	183790	34.401	ug/l	#	100
80) 1,3,5-Trimethylbenzene	12.73	105	9615	0.434	ug/l		91
81) trans-1,4-Dichloro-2-buten	12.40	75	183790	105.782	ug/l	#	12
84) 1,2,4-Trimethylbenzene	13.04	105	25675	1.151	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	306	0.339	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	118	5.998	ug/l	#	12
95) Naphthalene	15.14	128	802199	64.300	ug/l		99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092718\
Data File : VN051559.D
Acq On : 27 Sep 2018 1:19
Operator : MD\SY
Sample : J5064-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : COMP

Quant Time: Sep 27 08:03:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092718\
Data File : VN051559.D
Acq On : 27 Sep 2018 1:19
Operator : MD\SY
Sample : J5064-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

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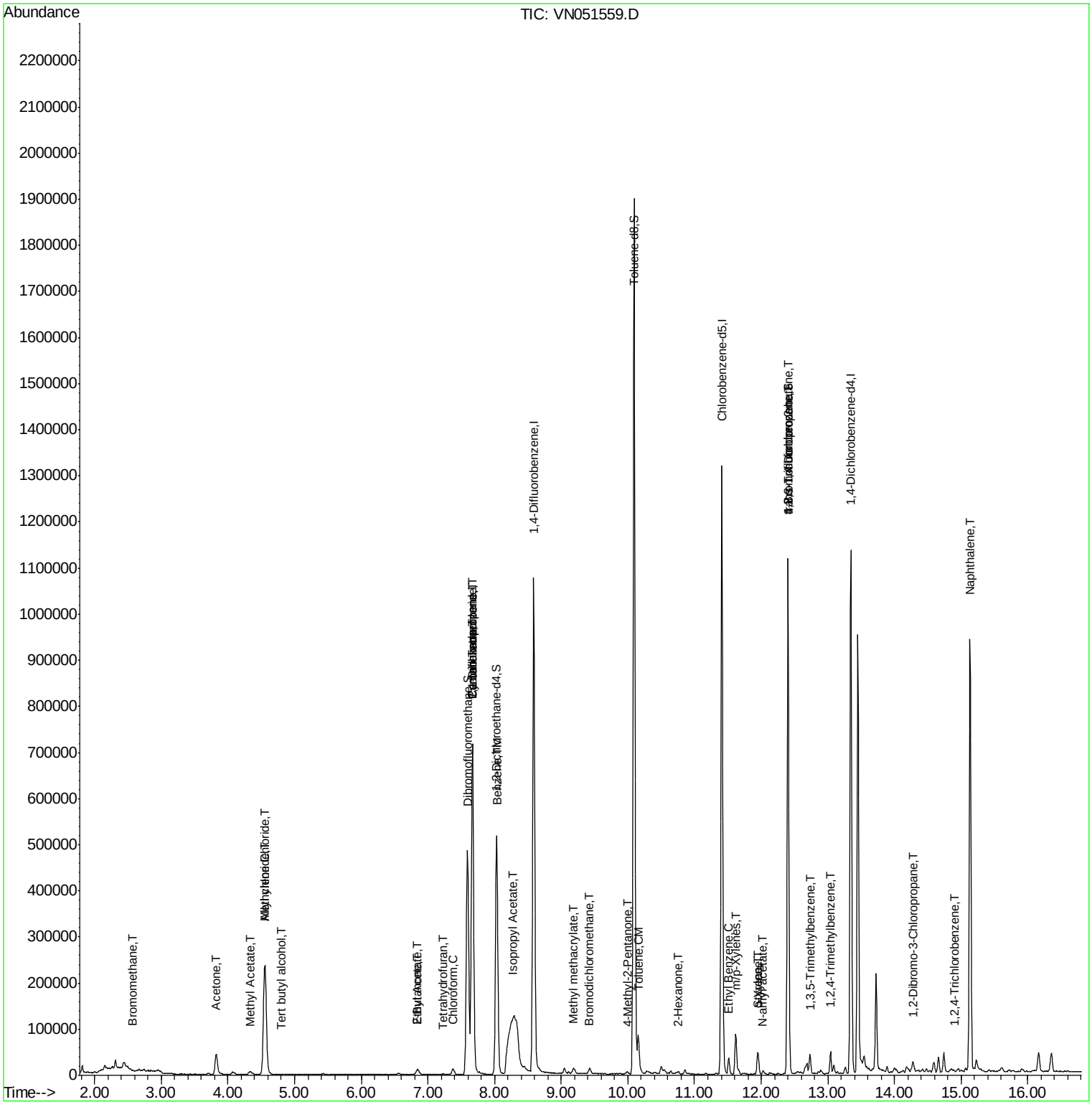
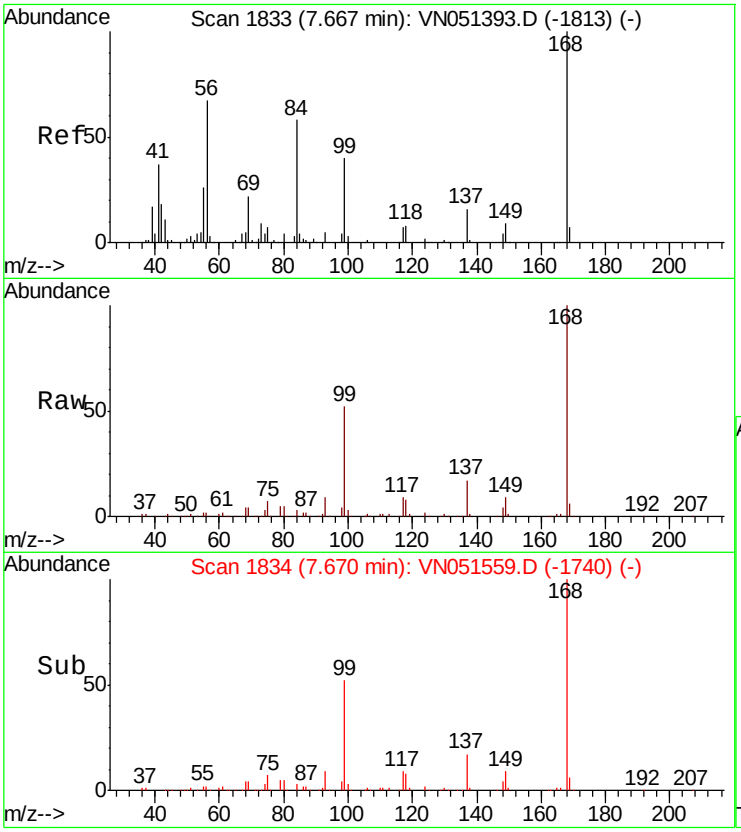
ClientSampleId : COMP

Quant Time: Sep 27 08:03:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 06:41:32 2018
Response via : Initial Calibration



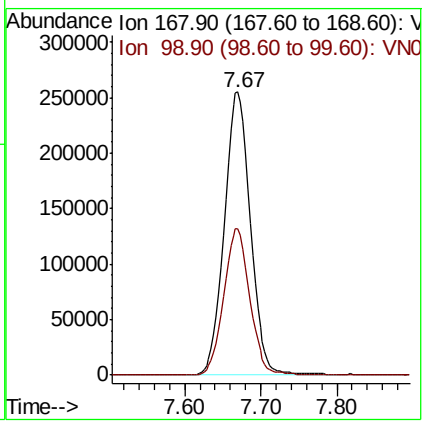


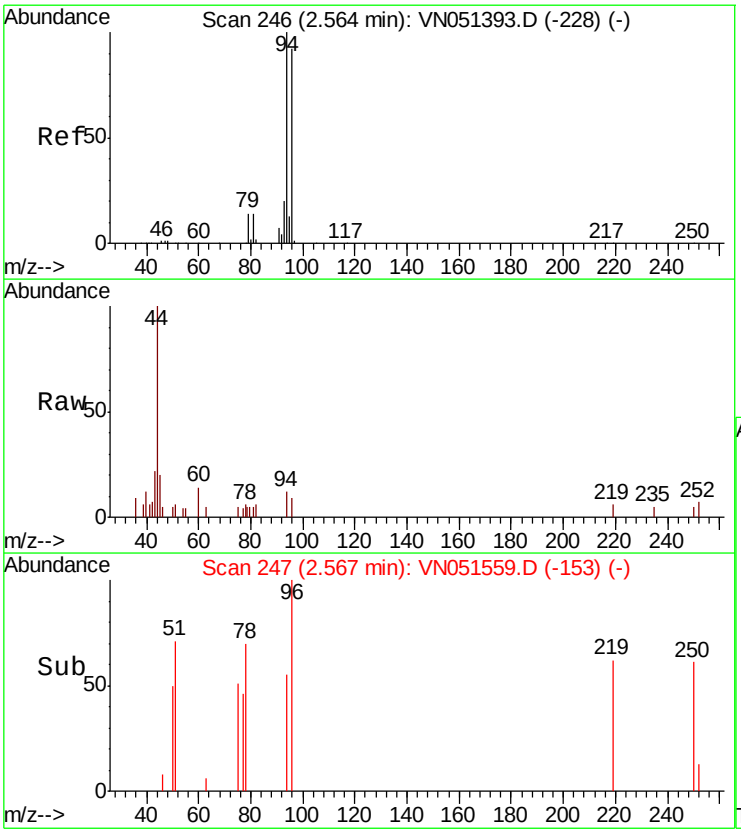
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion:168 Resp: 612442

Ion	Ratio	Lower	Upper
168	100		
99	51.7	40.2	60.2

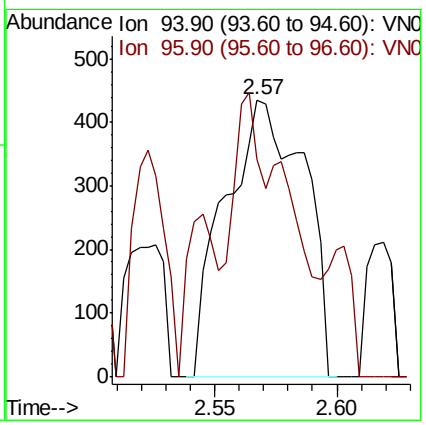


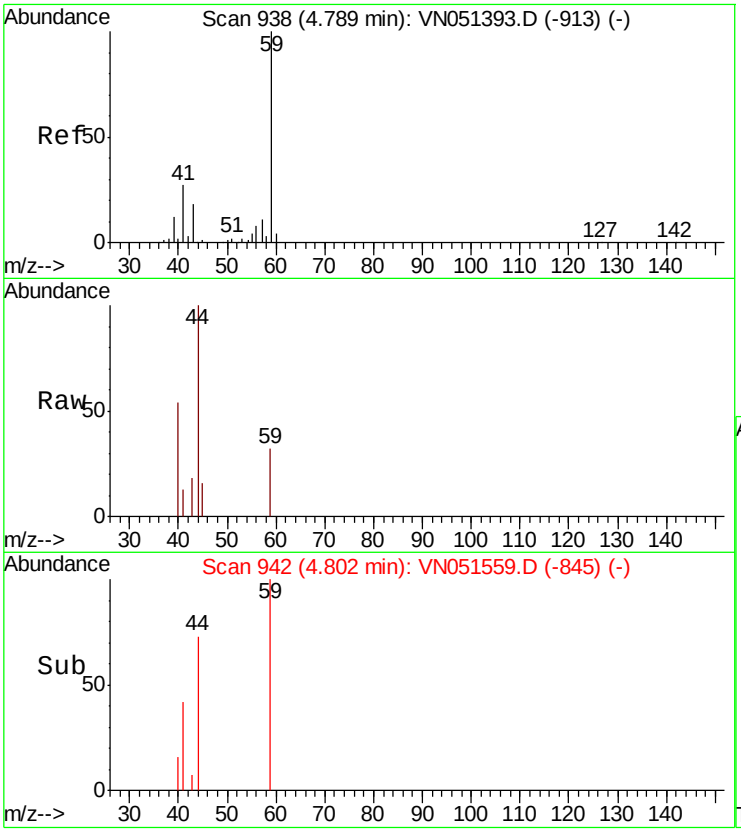


#5
Bromomethane
Concen: 0.222 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 94 Resp: 978

Ion	Ratio	Lower	Upper
94	100		
96	36.0	73.6	110.4#



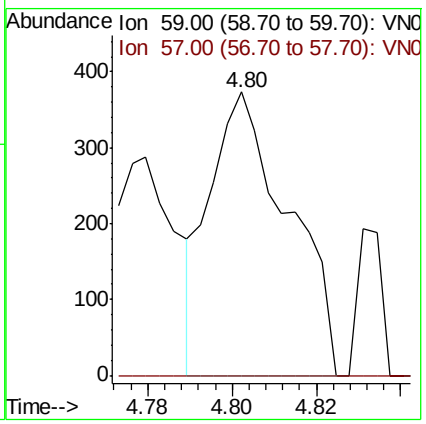


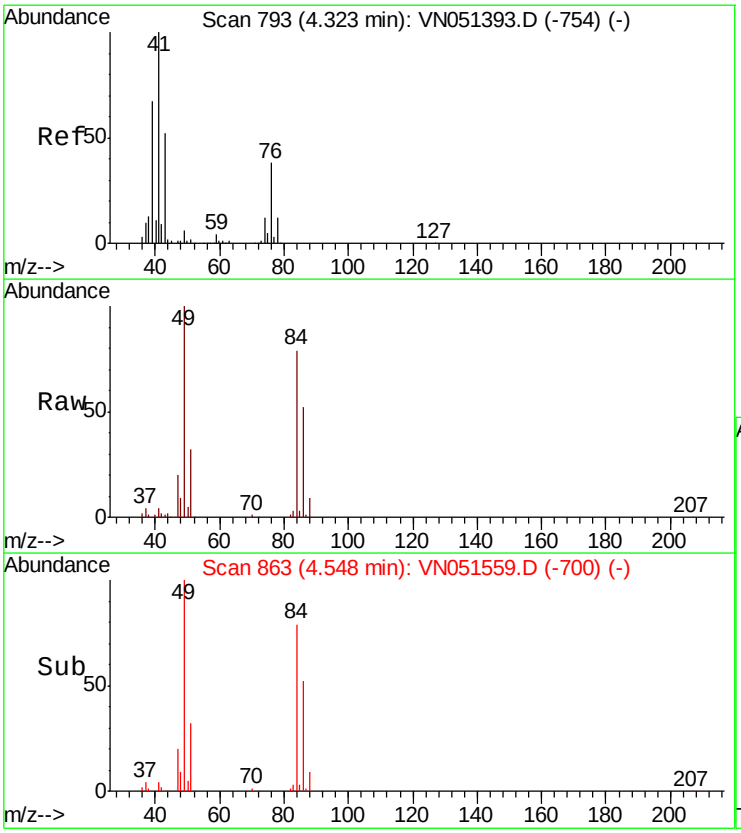
#11
Tert butyl alcohol
Concen: 1.109 ug/l
RT: 4.80 min Scan# 942
Delta R.T. 0.01 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument : MSVOA_N
ClientSampleId : COMP

Tgt Ion: 59 Resp: 480

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.2	9.2#

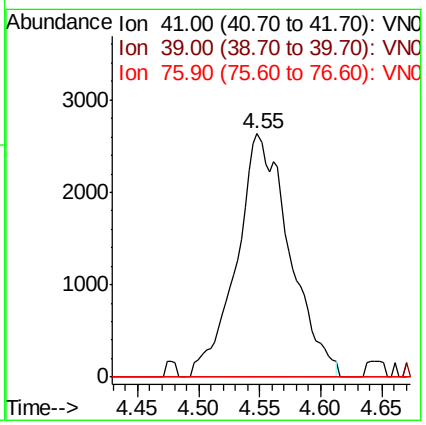


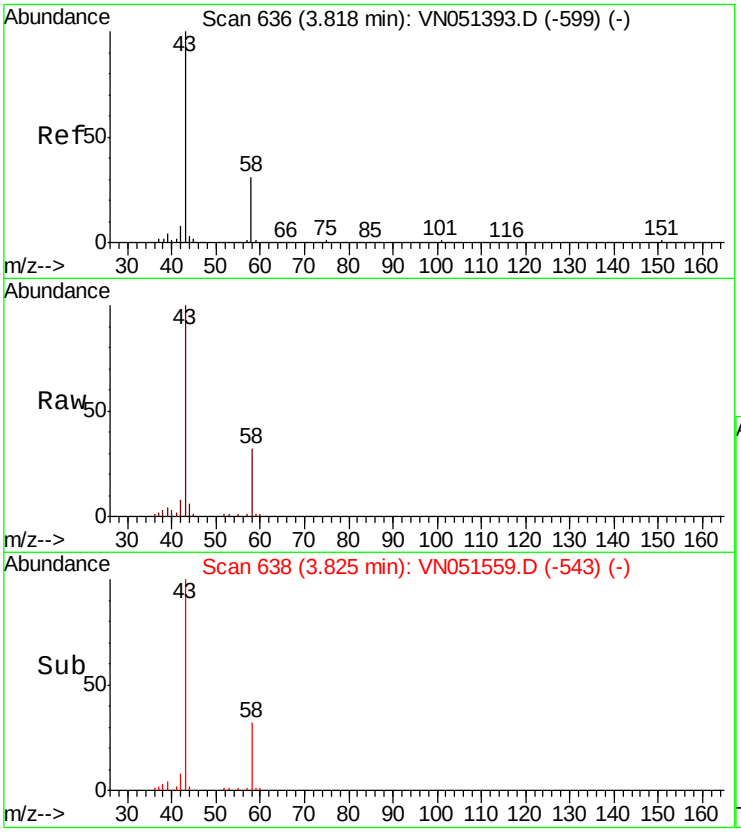


#14
Allyl chloride
Concen: 0.695 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.22 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 41 Resp: 7944

Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.4	77.2#
76	0.0	28.1	42.1#



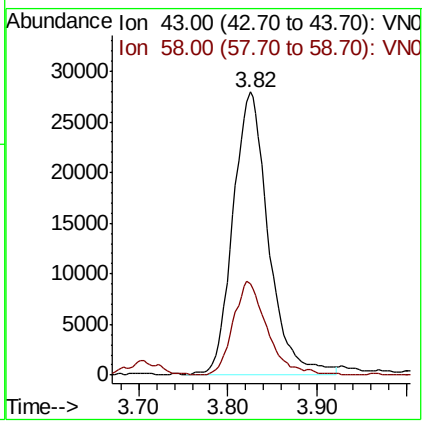


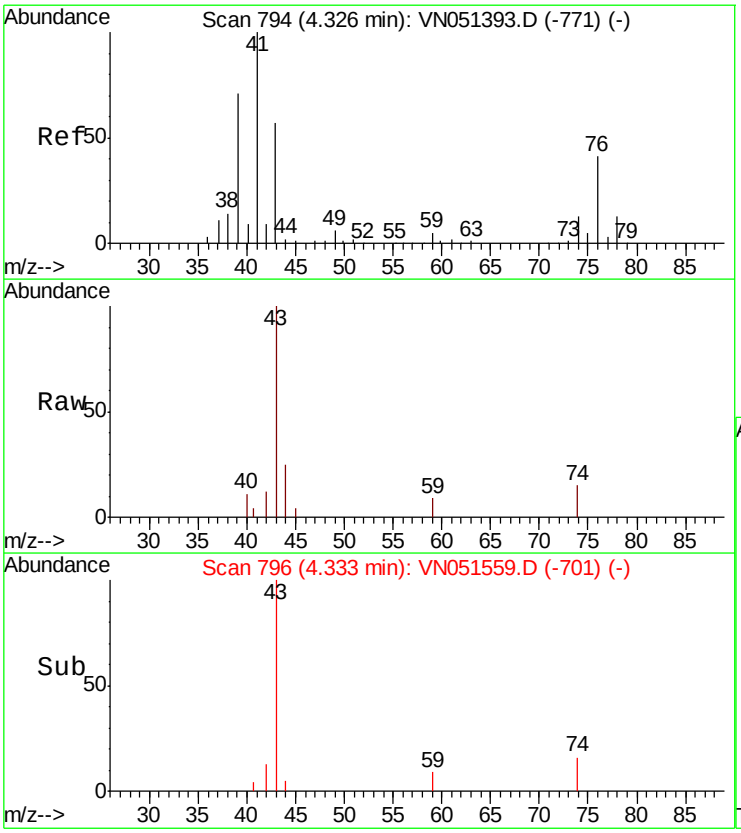
#16
Acetone
Concen: 23.544 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion: 43 Resp: 77294

Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.0	37.4

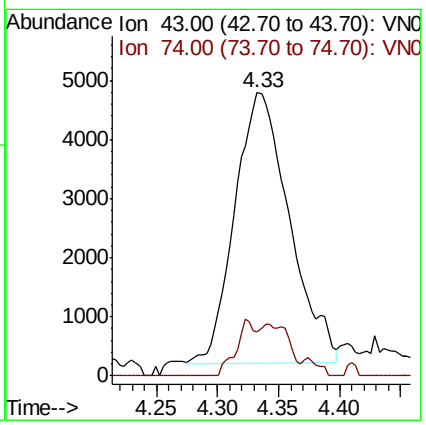


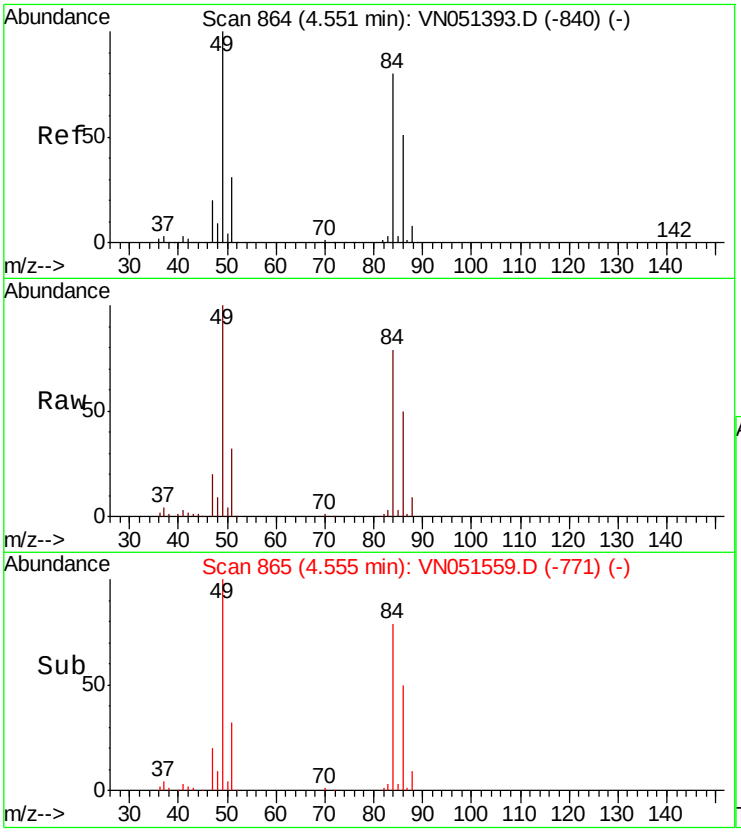


#18
Methyl Acetate
Concen: 2.444 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 43 Resp: 14280

Ion	Ratio	Lower	Upper
43	100		
74	7.6	18.8	28.2#



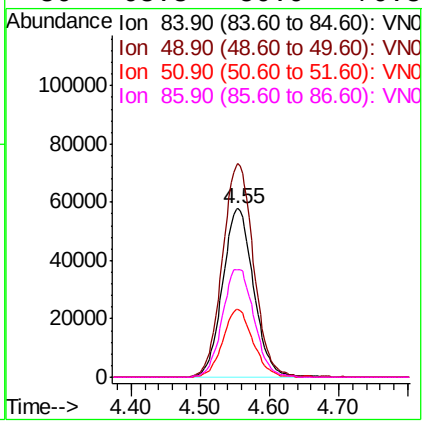


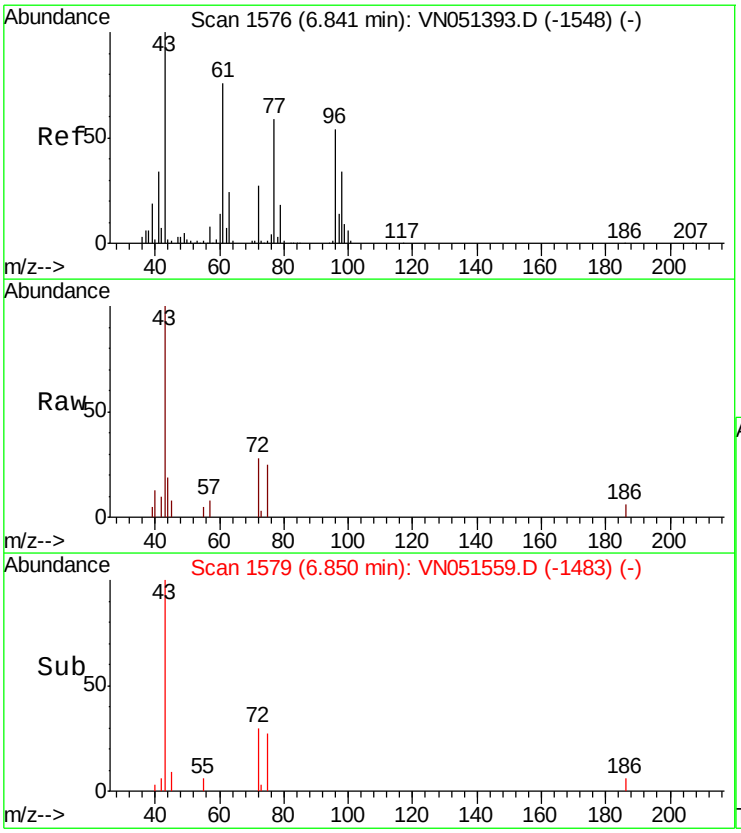
#20
Methylene Chloride
Concen: 23.799 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument : MSVOA_N
ClientSampleId : COMP

Tgt Ion: 84 Resp: 180672

Ion	Ratio	Lower	Upper
84	100		
49	126.5	99.9	149.9
51	40.1	31.4	47.2
86	63.3	50.9	76.3

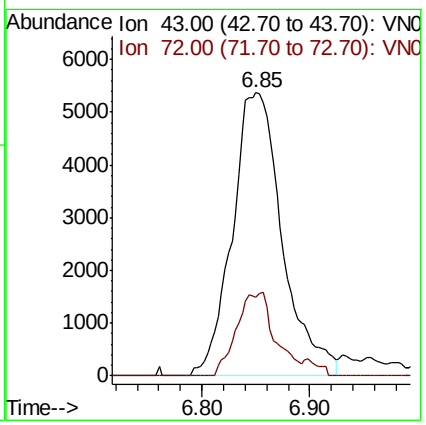


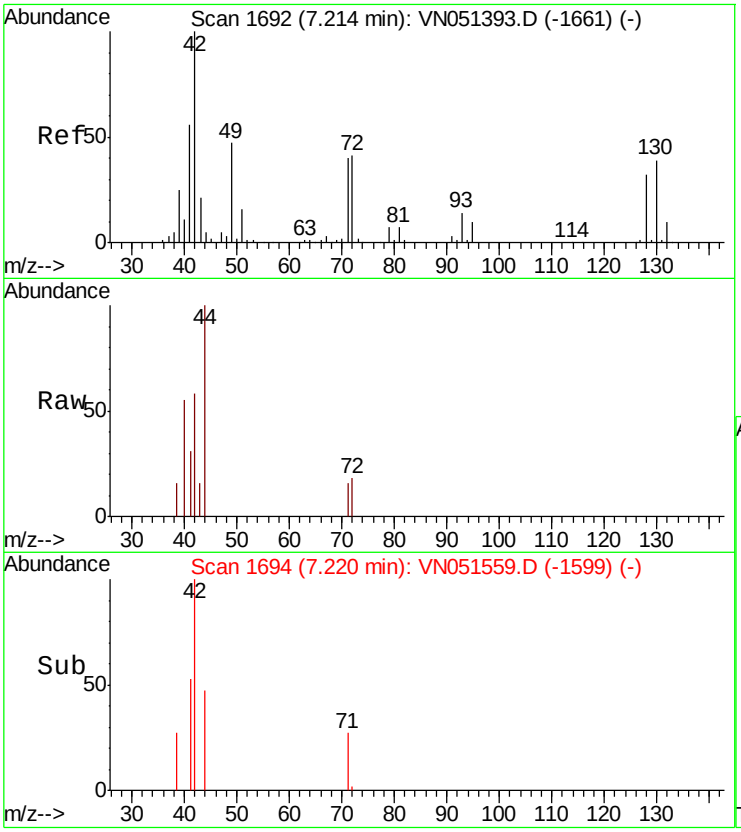


#25
2-Butanone
Concen: 6.606 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 43 Resp: 17347

Ion	Ratio	Lower	Upper
43	100		
72	27.9	21.8	32.6



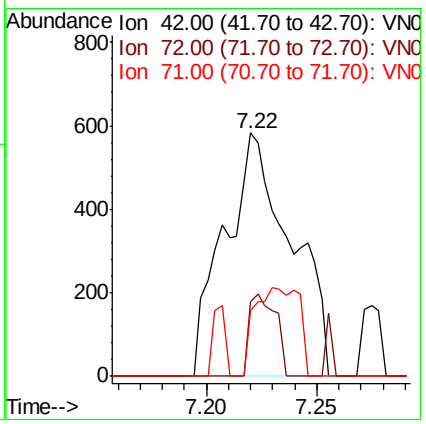


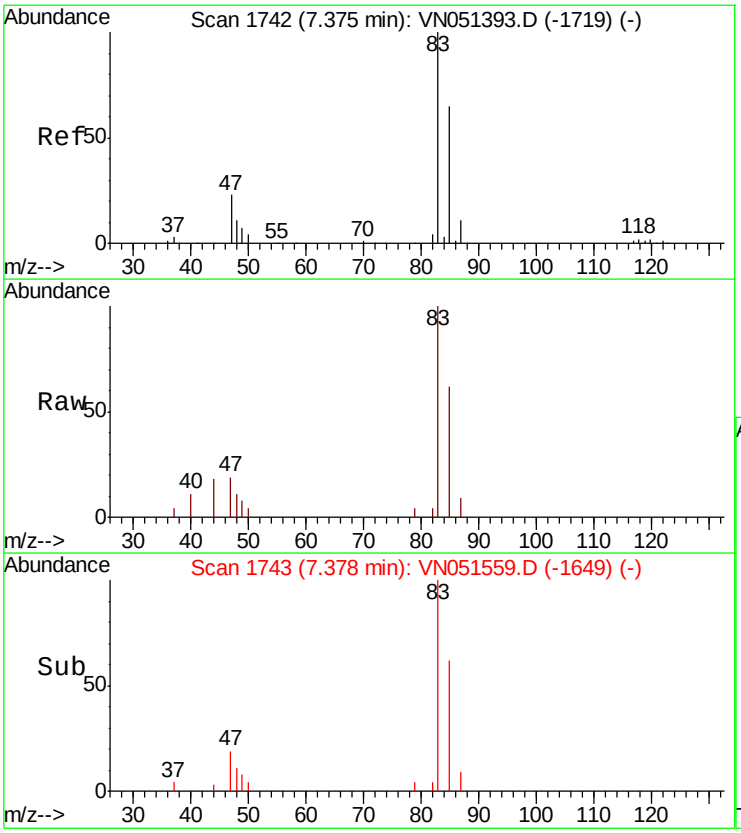
#29
Tetrahydrofuran
Concen: 0.731 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion: 42 Resp: 1217

Ion	Ratio	Lower	Upper
42	100		
72	13.6	34.3	51.5#
71	24.4	32.2	48.4#

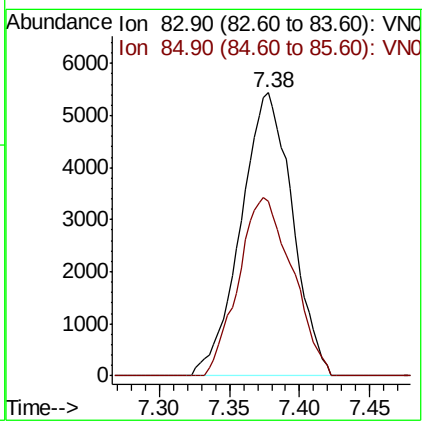


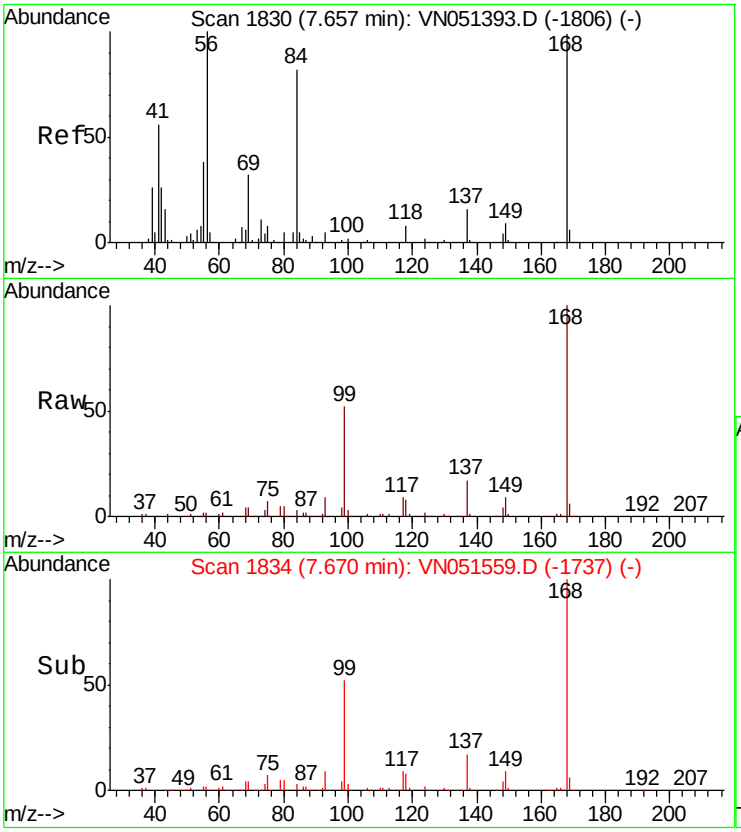


#30
Chloroform
Concen: 1.063 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 83 Resp: 13891

Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.8	77.6



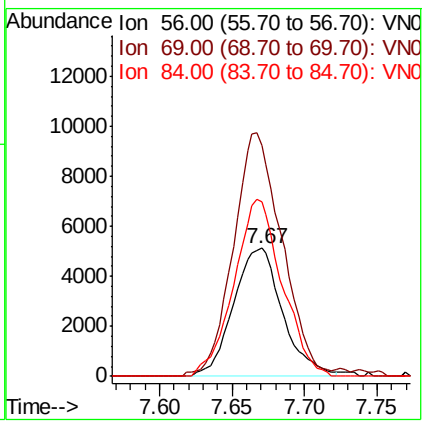


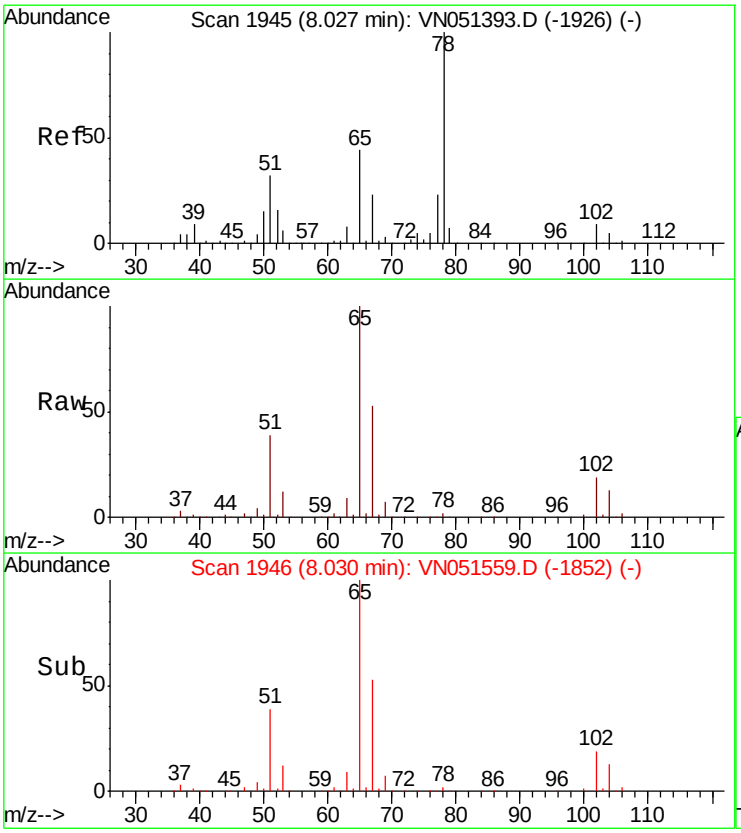
#31
Cyclohexane
Concen: 1.000 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. 0.01 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument : MSVOA_N
ClientSampleId : COMP

Tgt Ion: 56 Resp: 12076

Ion	Ratio	Lower	Upper
56	100		
69	177.6	25.8	38.6#
84	135.9	66.0	99.0#

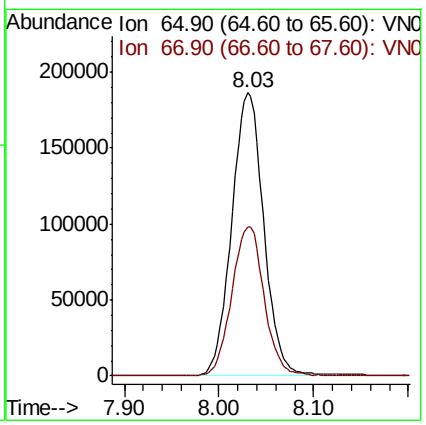


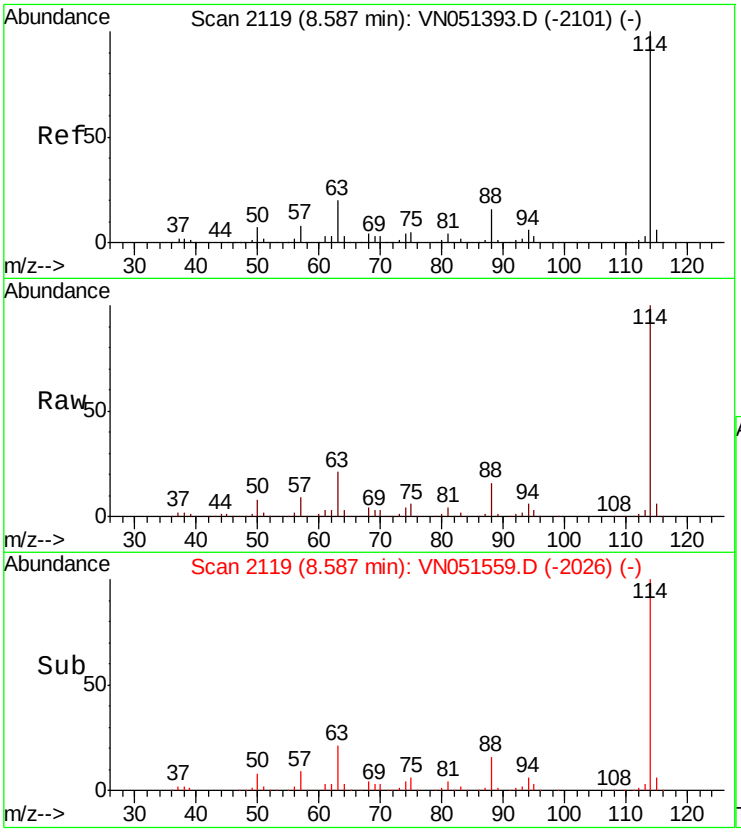


#33
1,2-Dichloroethane-d4
Concen: 57.276 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 65 Resp: 439415

Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.8



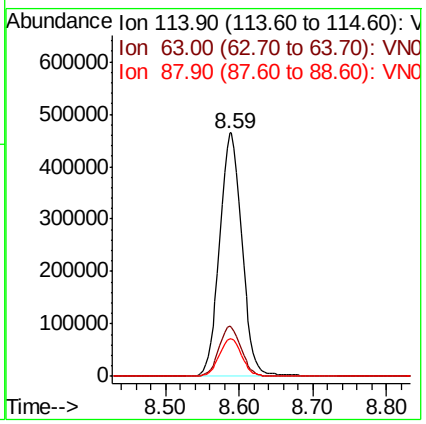


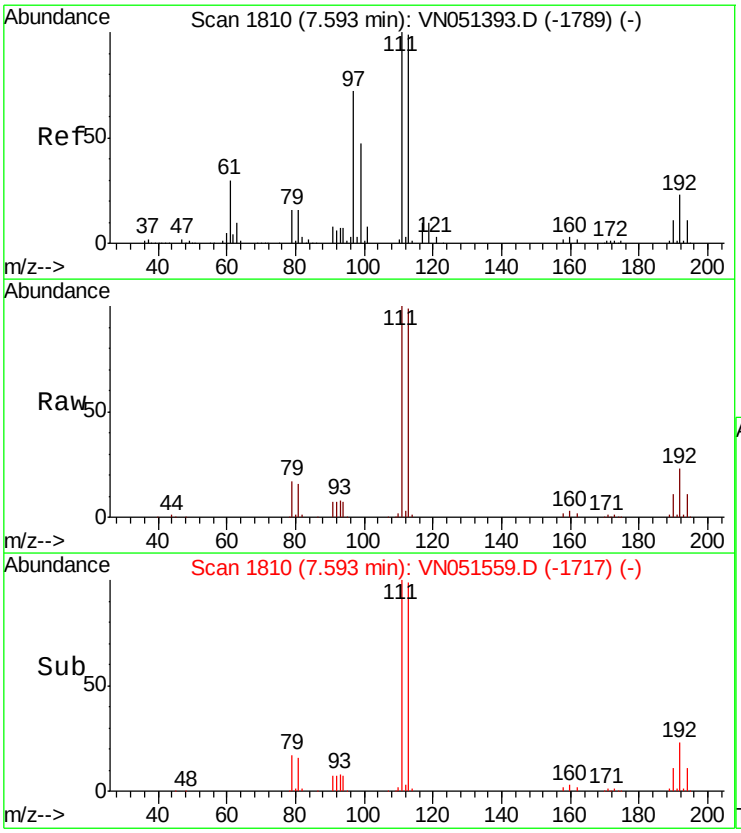
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion:114 Resp: 982939

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.2
88	15.6	0.0	31.4

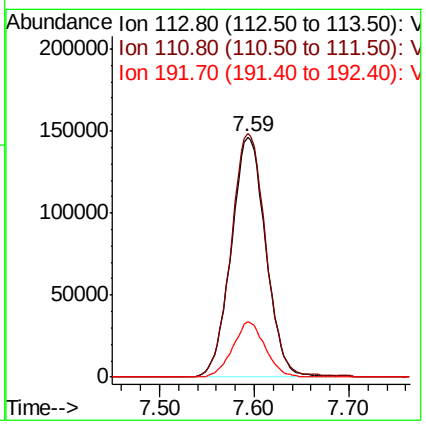


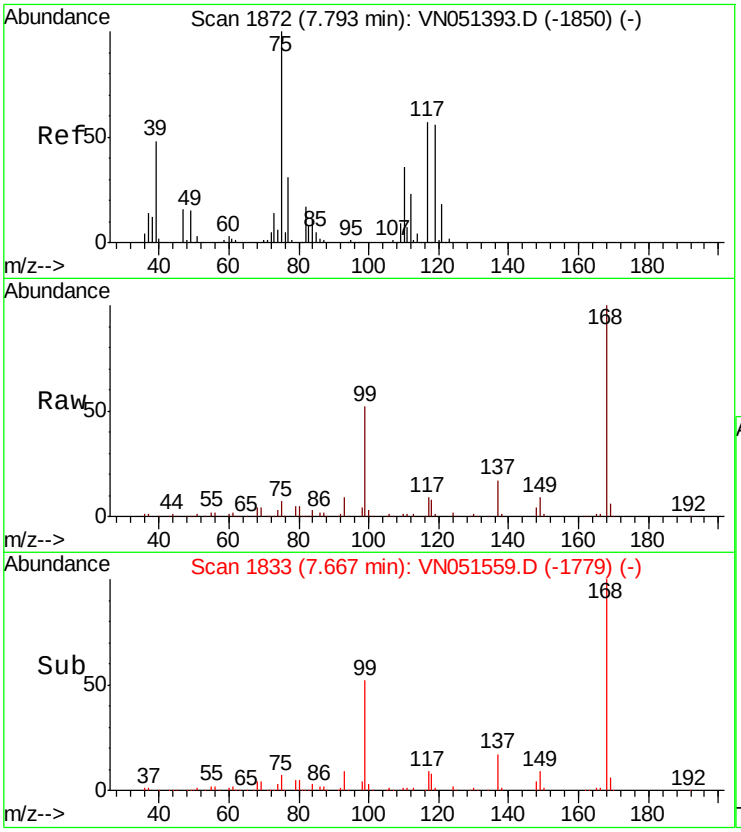


#35
Dibromofluoromethane
Concen: 47.284 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion:113 Resp: 371660

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	21.8	18.0	27.0



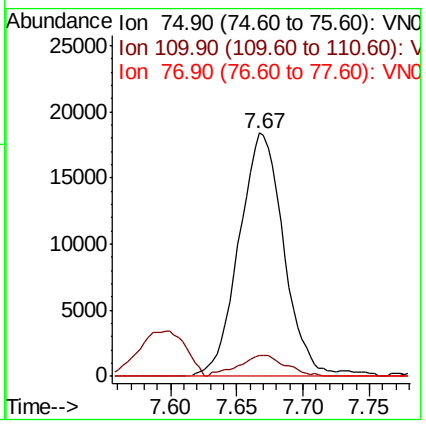


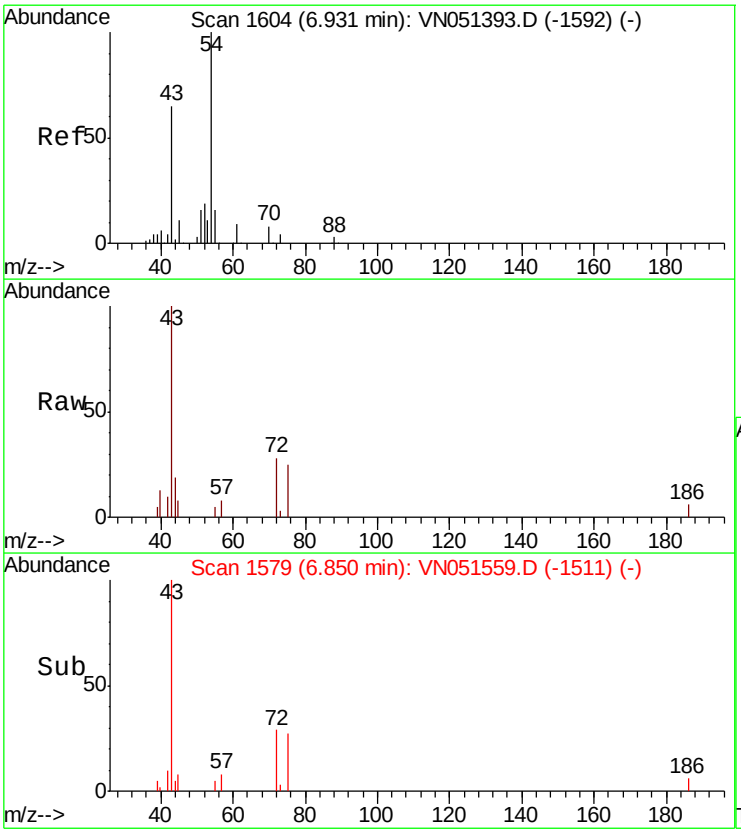
#36
1,1-Dichloropropene
Concen: 3.770 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion: 75 Resp: 42910

Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.3#
77	0.0	25.6	38.4#

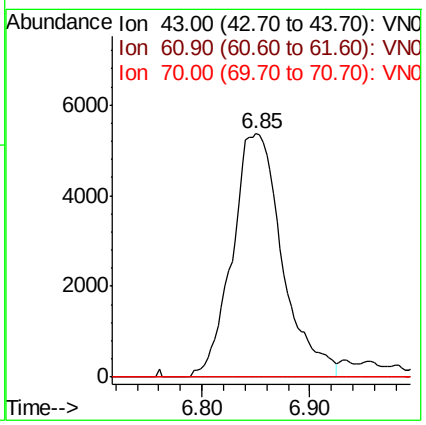


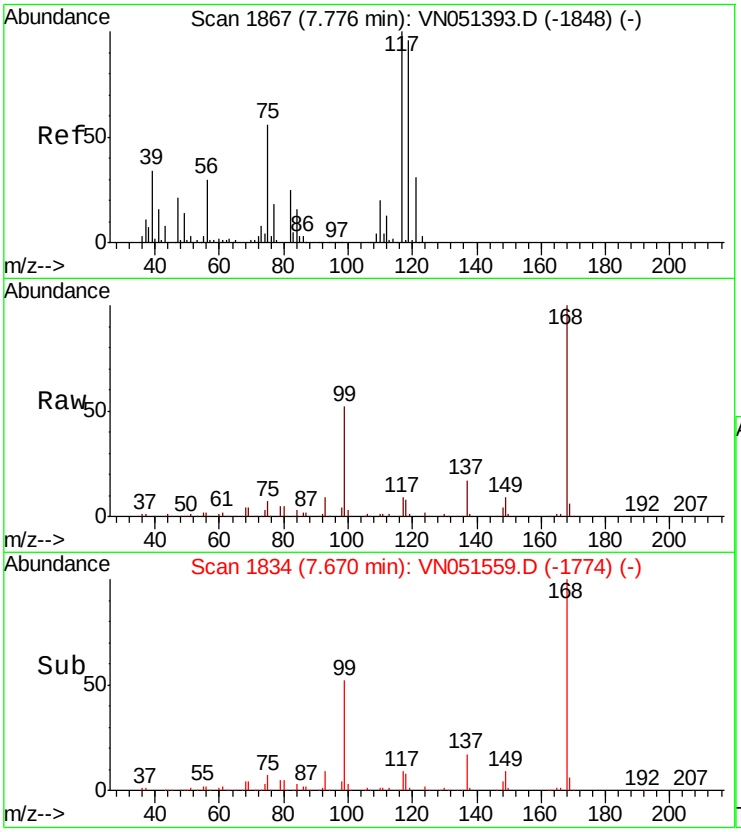


#37
Ethyl Acetate
Concen: 2.651 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. -0.08 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 43 Resp: 17347

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	7.9	11.9#



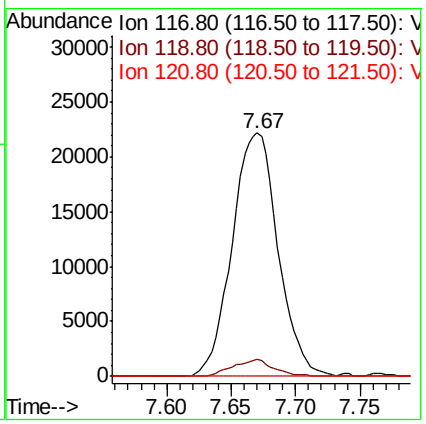


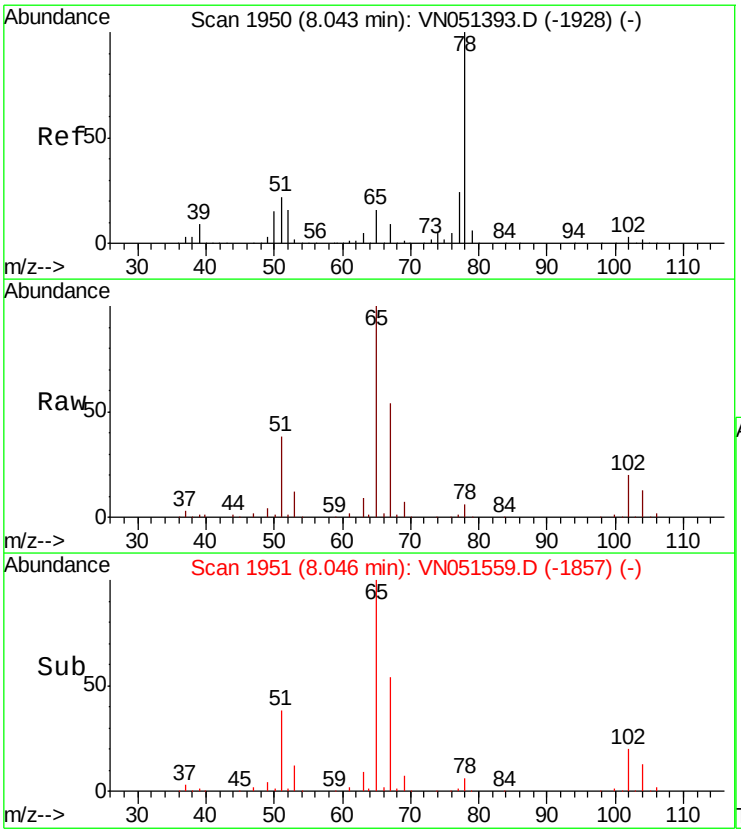
#38
Carbon Tetrachloride
Concen: 4.606 ug/l
RT: 7.67 min Scan# 1834
Delta R.T. -0.11 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion:117 Resp: 54836

Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.9	115.3#
121	0.0	24.6	37.0#

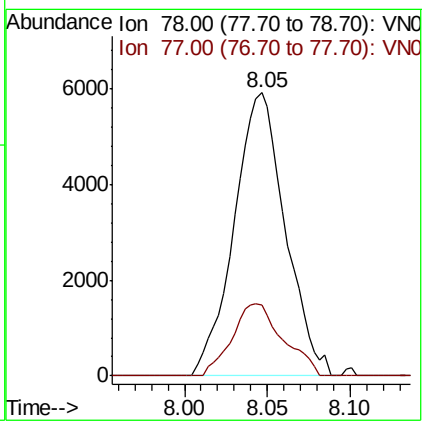


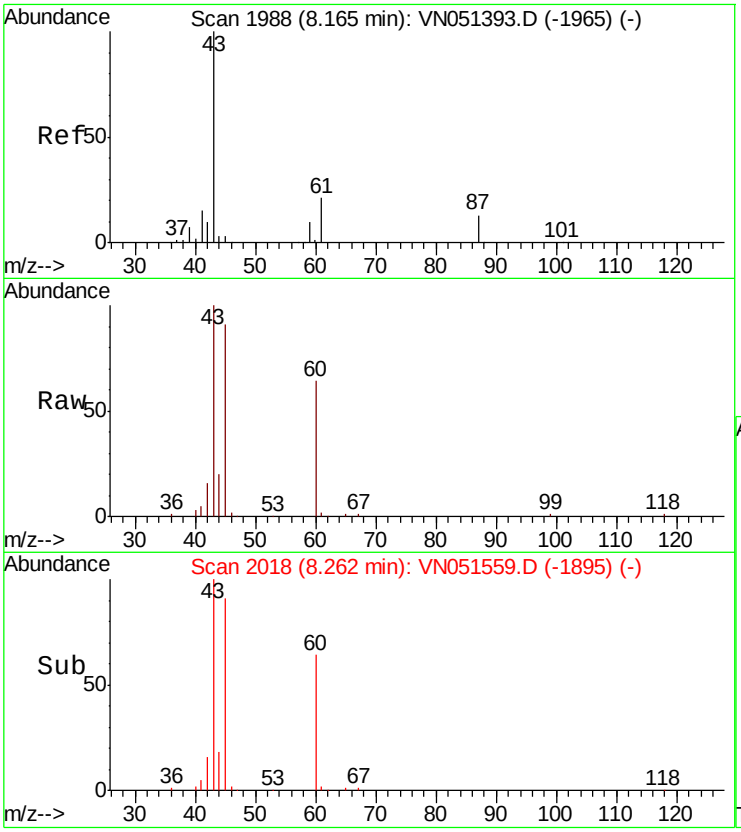


#40
Benzene
Concen: 0.380 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 78 Resp: 12697

Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.2	28.8



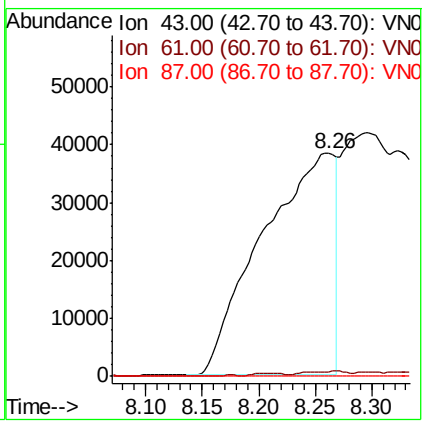


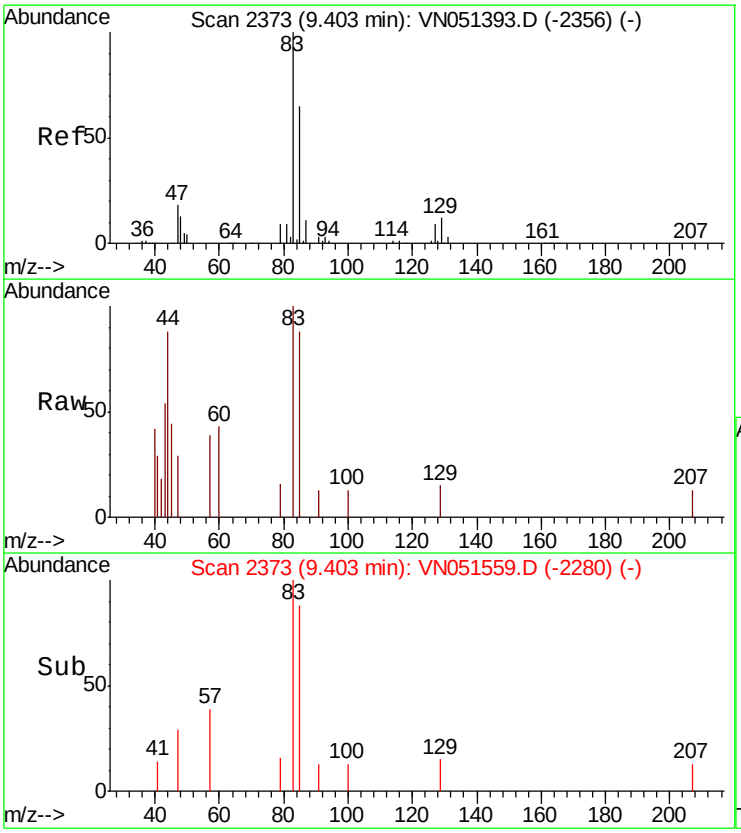
#43
Isopropyl Acetate
Concen: 14.475 ug/l
RT: 8.26 min Scan# 2018
Delta R.T. 0.10 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument : MSVOA_N
ClientSampleId : COMP

Tgt Ion: 43 Resp: 171298

Ion	Ratio	Lower	Upper
43	100		
61	0.2	16.8	25.2#
87	0.0	10.7	16.1#

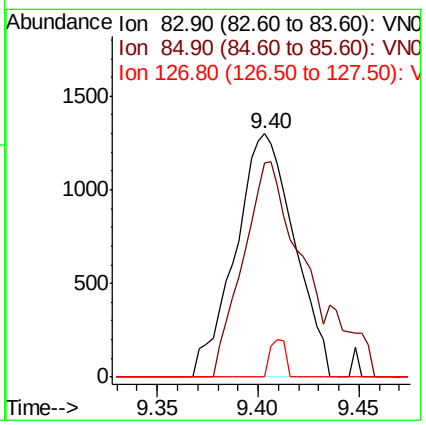


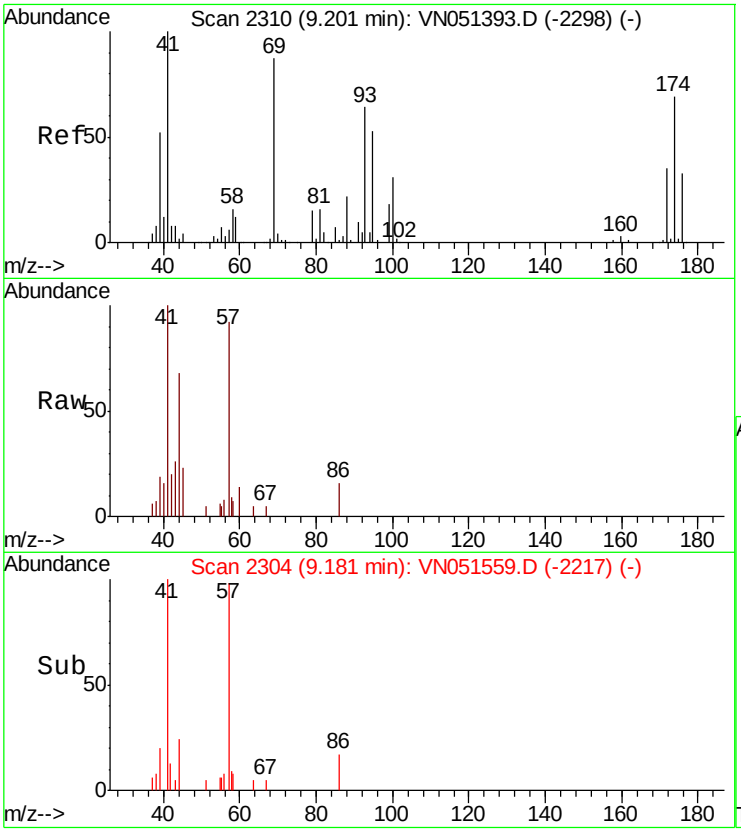


#47
Bromodichloromethane
Concen: 0.233 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 83 Resp: 2652

Ion	Ratio	Lower	Upper
83	100		
85	87.8	51.8	77.6#
127	0.0	7.4	11.2#



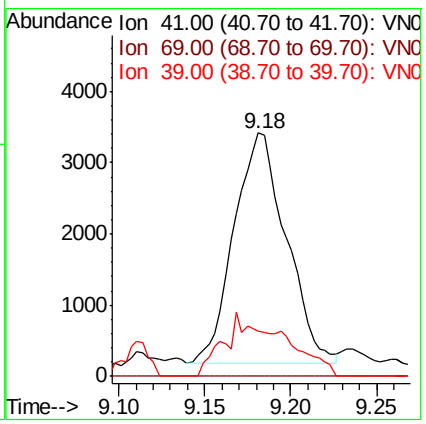


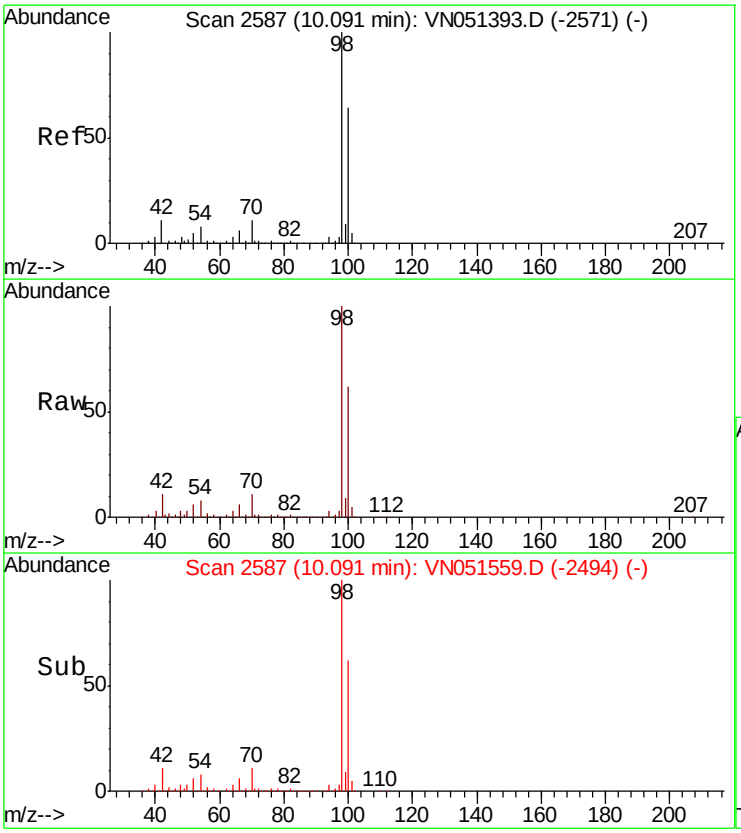
#48
Methyl methacrylate
Concen: 1.153 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion: 41 Resp: 6805

Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.4	105.6#
39	19.8	43.8	65.8#

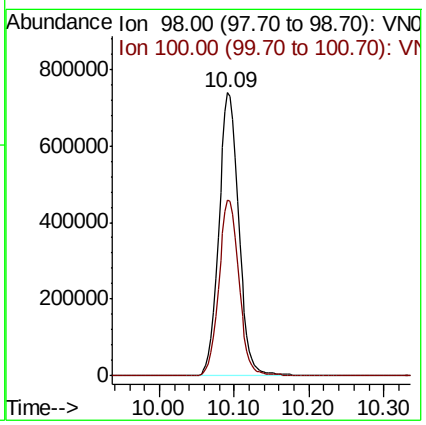


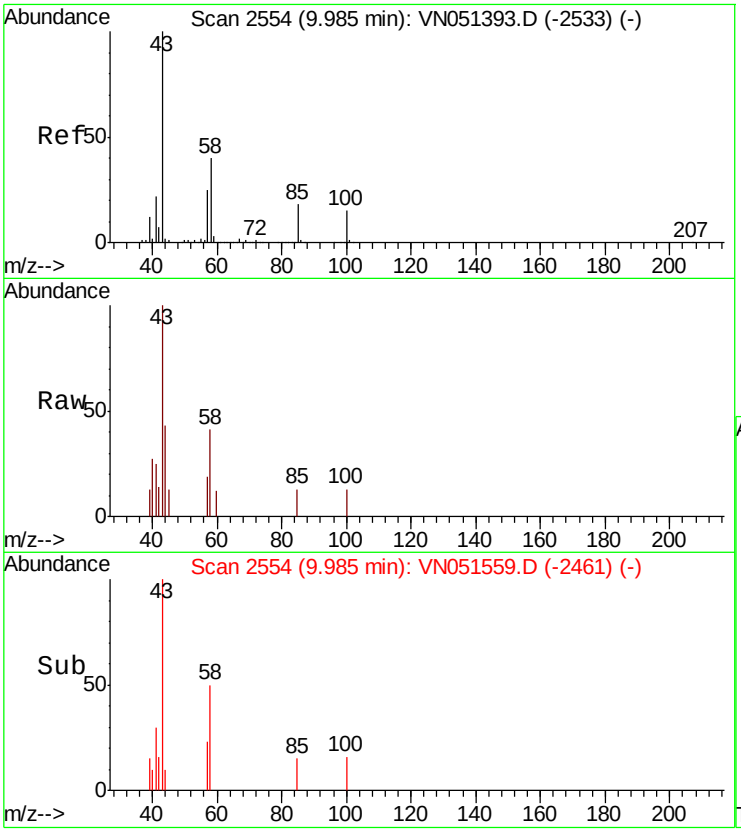


#50
Toluene-d8
Concen: 45.949 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 98 Resp: 1360032

Ion	Ratio	Lower	Upper
98	100		
100	62.7	50.6	75.8



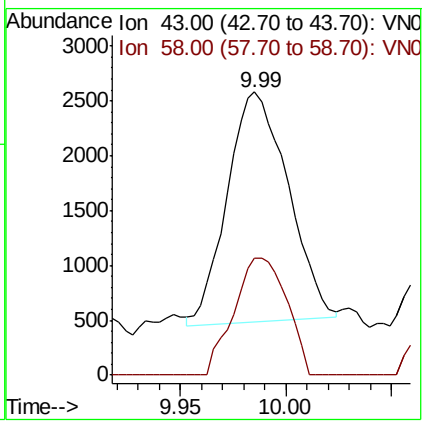


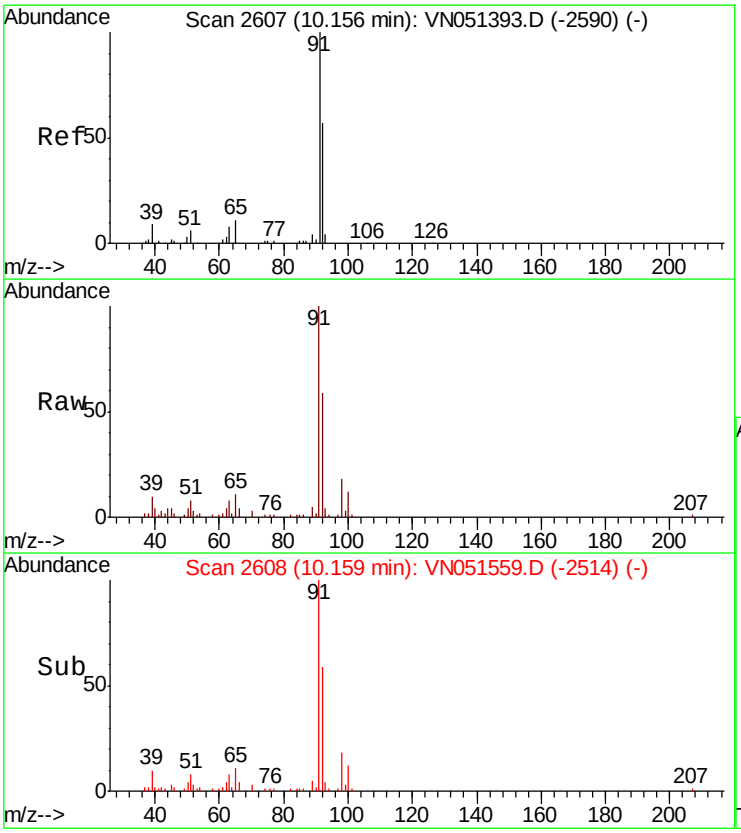
#51
4-Methyl-2-Pentanone
Concen: 0.644 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion: 43 Resp: 4193

Ion	Ratio	Lower	Upper
43	100		
58	44.2	31.5	47.3

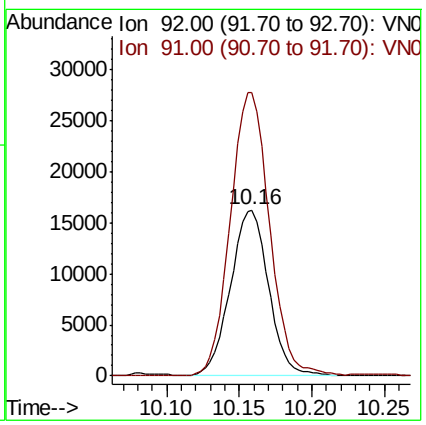


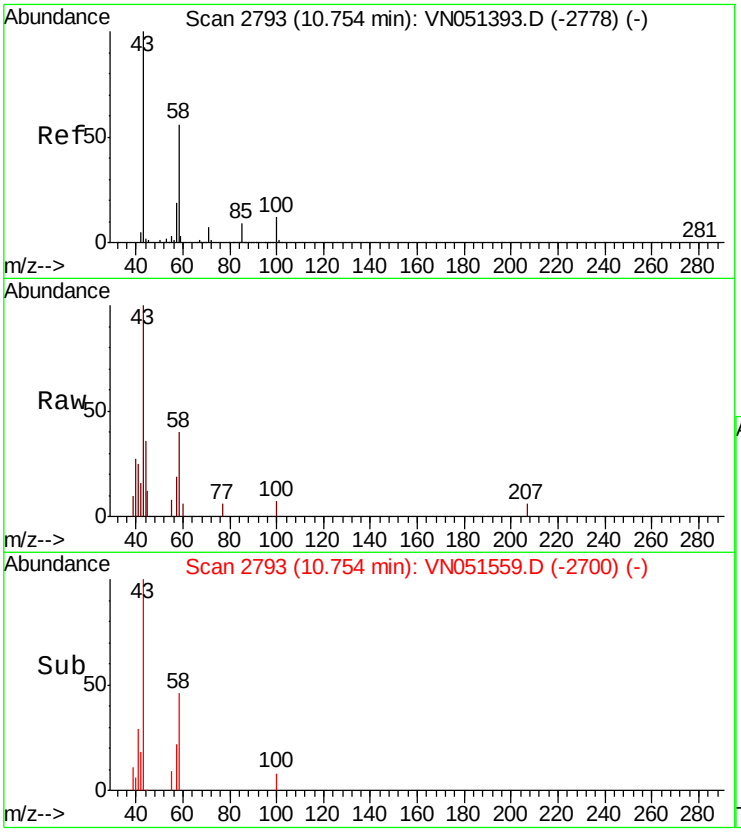


#52
Toluene
Concen: 1.433 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 92 Resp: 29758

Ion	Ratio	Lower	Upper
92	100		
91	175.1	142.2	213.4



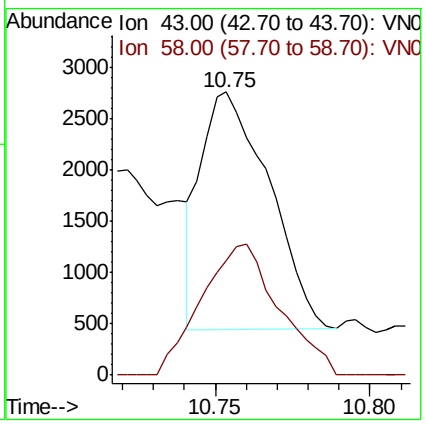


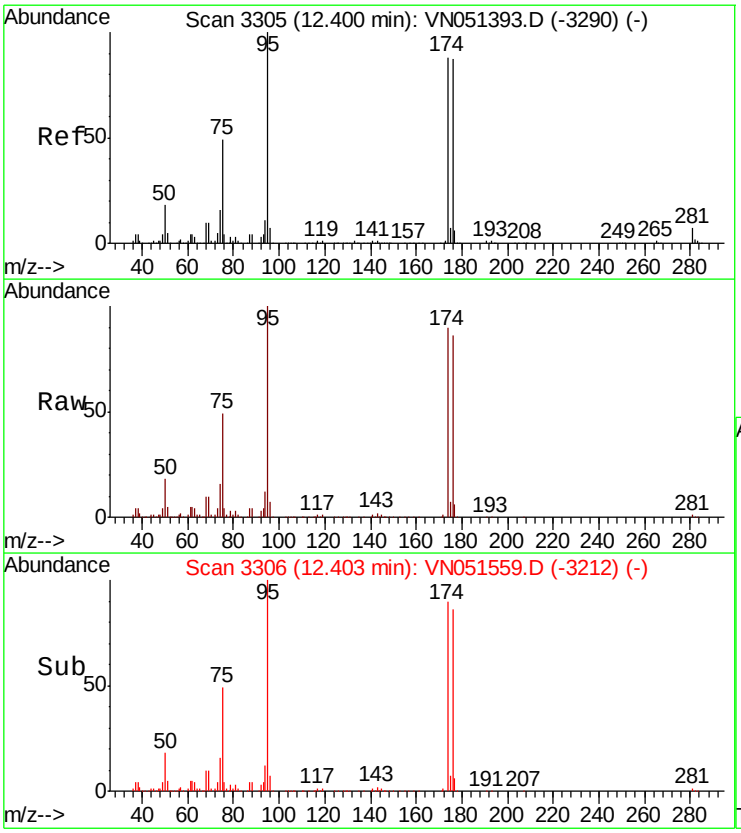
#59
2-Hexanone
Concen: 0.842 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion: 43 Resp: 3551

Ion	Ratio	Lower	Upper
43	100		
58	63.0	27.7	83.0

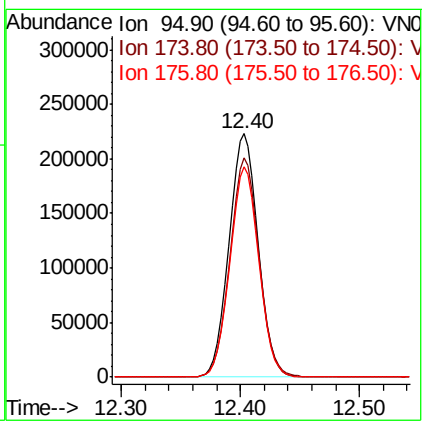


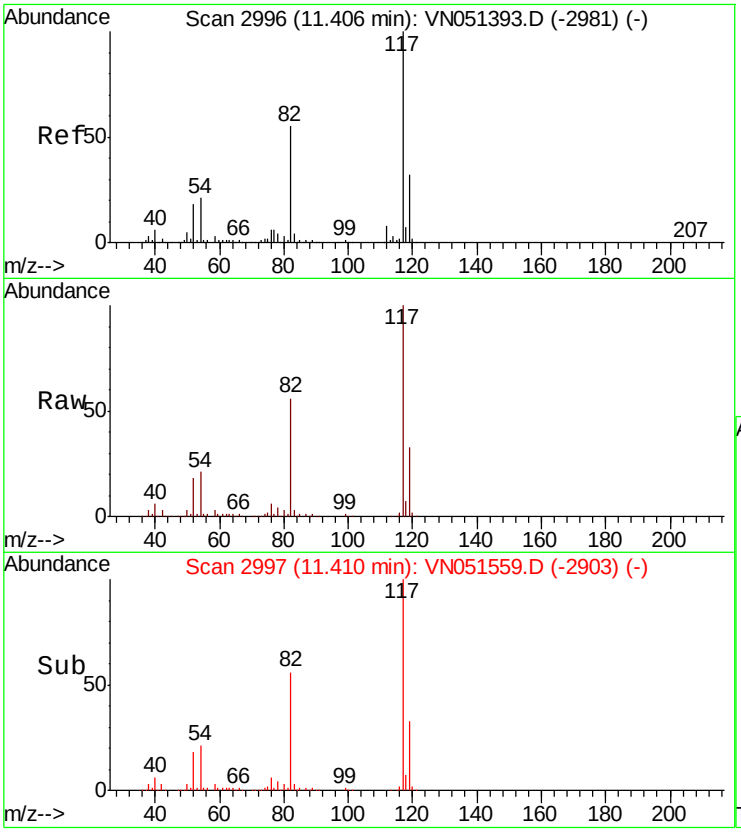


#62
4-Bromofluorobenzene
Concen: 39.318 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 95 Resp: 376470

Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	181.6
176	86.2	0.0	176.4



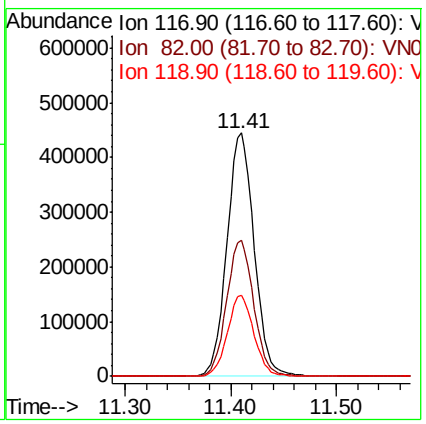


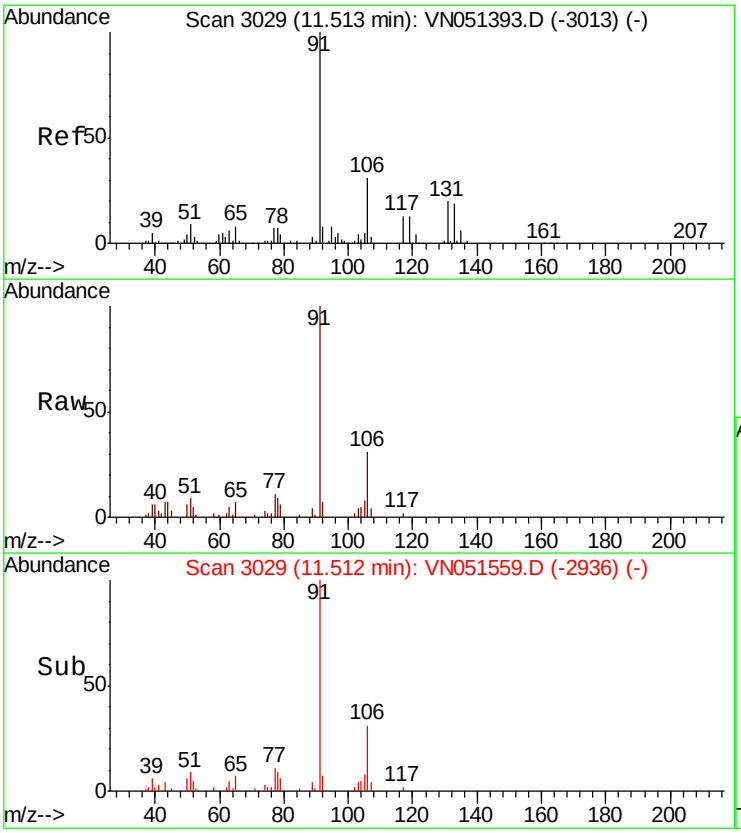
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument : MSVOA_N
ClientSampleId : COMP

Tgt Ion:117 Resp: 791498

Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.2	66.2
119	33.2	25.9	38.9

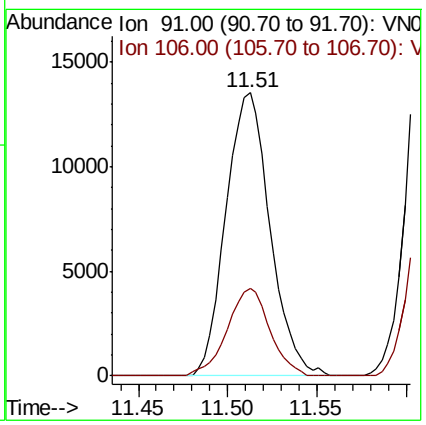


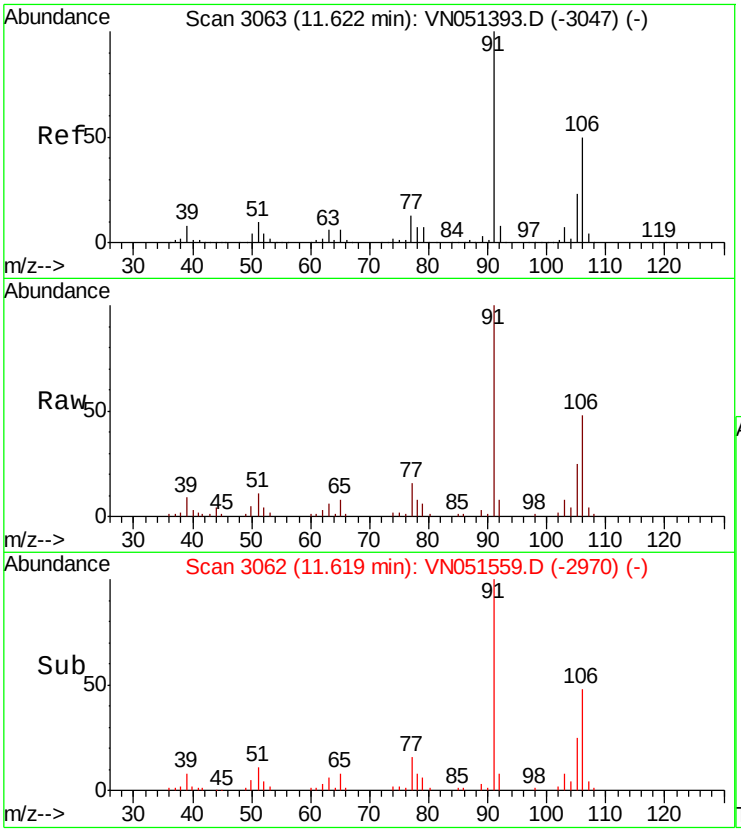


#67
Ethyl Benzene
Concen: 0.679 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 91 Resp: 23239

Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.0	37.4



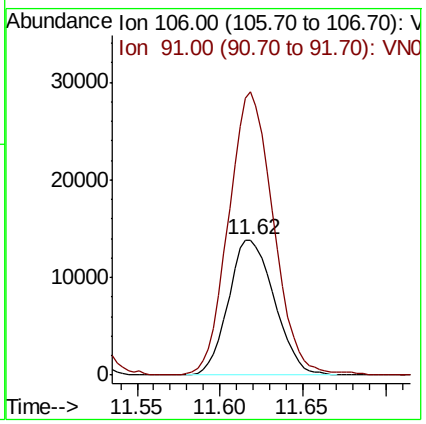


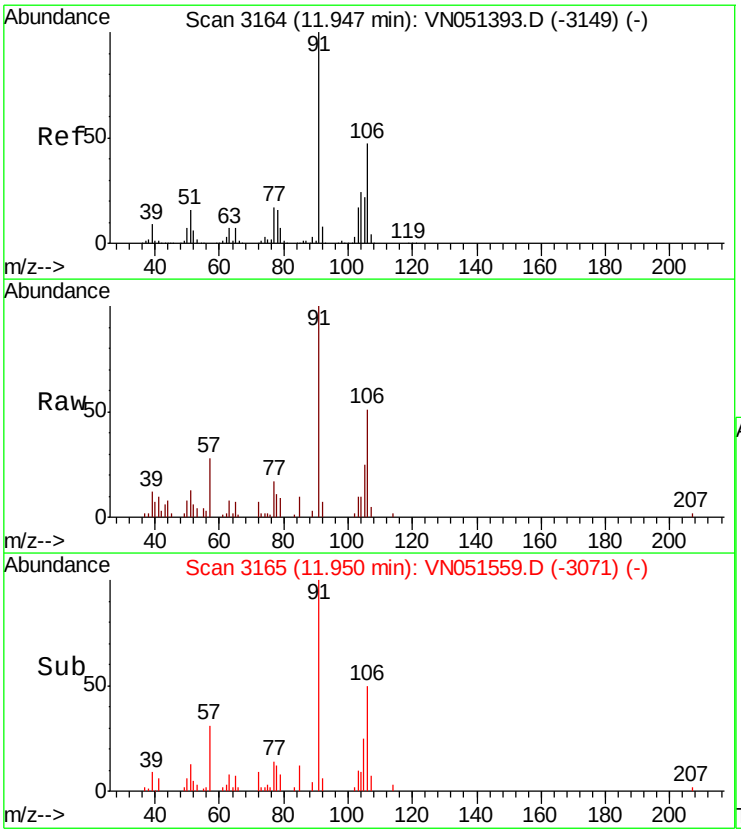
#68
m/p-Xylenes
Concen: 2.012 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument : MSVOA_N
ClientSampleId : COMP

Tgt Ion:106 Resp: 26637

Ion	Ratio	Lower	Upper
106	100		
91	203.6	161.3	241.9

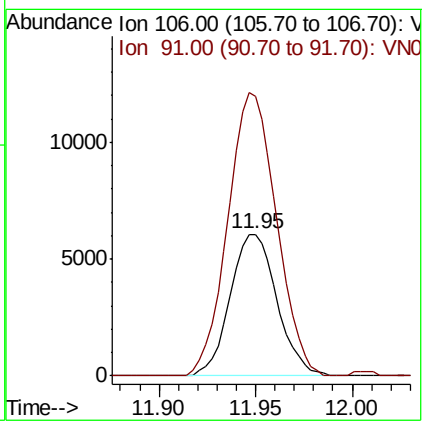


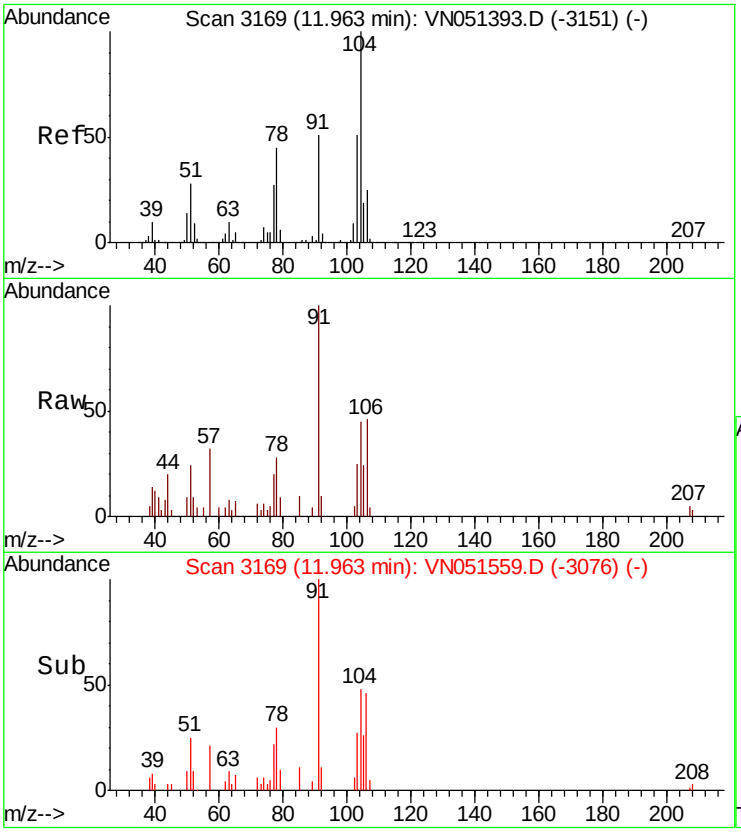


#69
o-Xylene
Concen: 0.799 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion:106 Resp: 10172

Ion	Ratio	Lower	Upper
106	100		
91	207.9	105.3	315.9



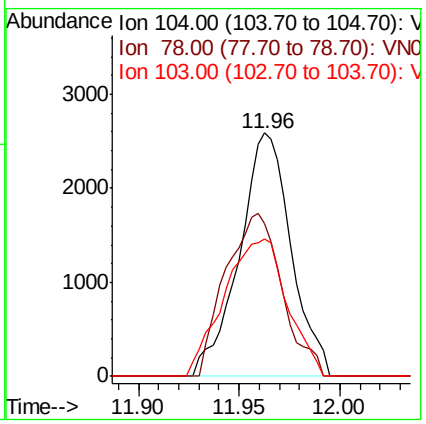


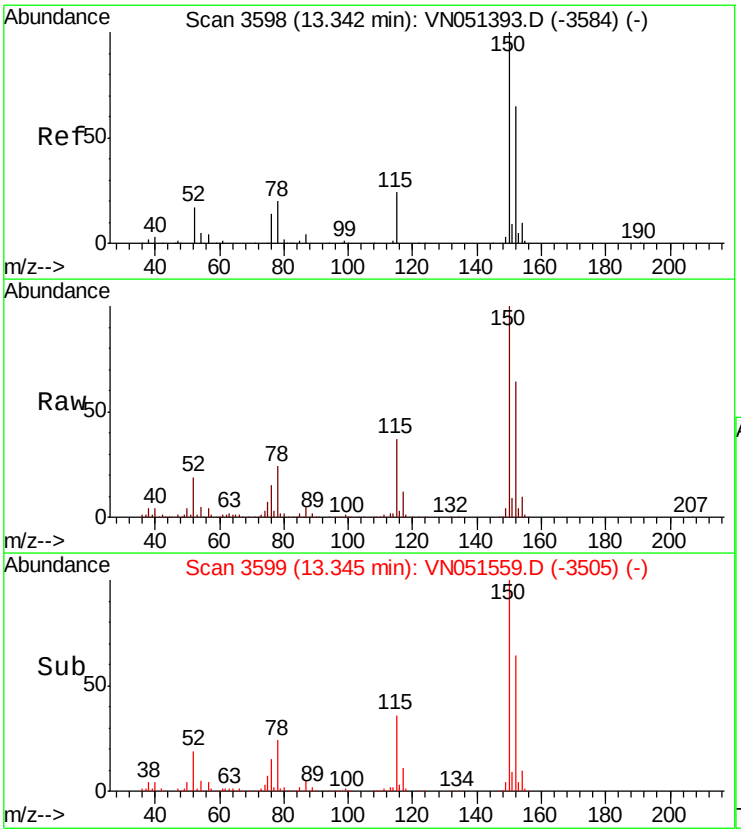
#70
Stvrene
Concen: 0.230 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument : MSVOA_N
ClientSampleId : COMP

Tgt Ion:104 Resp: 4646

Ion	Ratio	Lower	Upper
104	100		
78	72.7	39.9	59.9#
103	68.6	44.6	66.8#

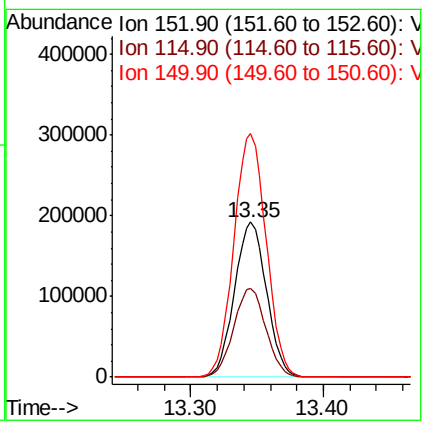


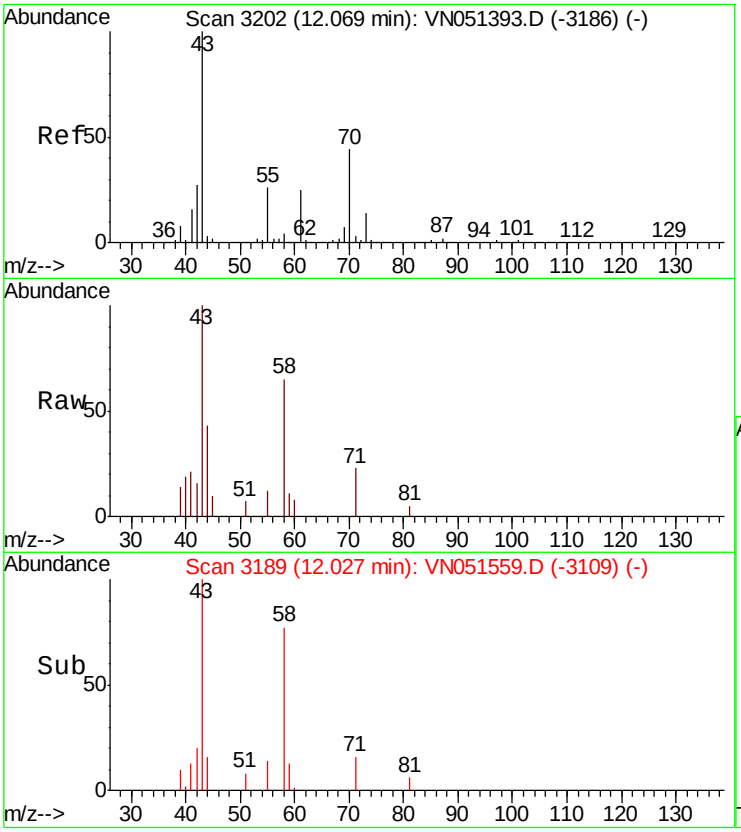


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion:152 Resp: 321827

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.3	84.9
150	158.6	0.0	353.6



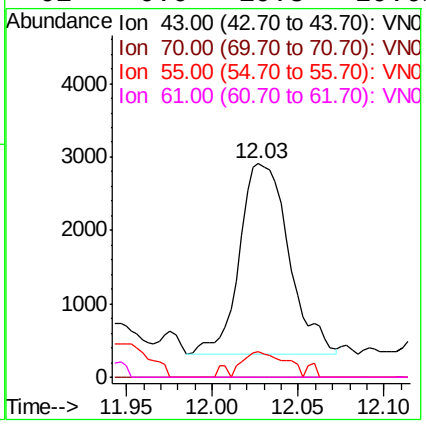


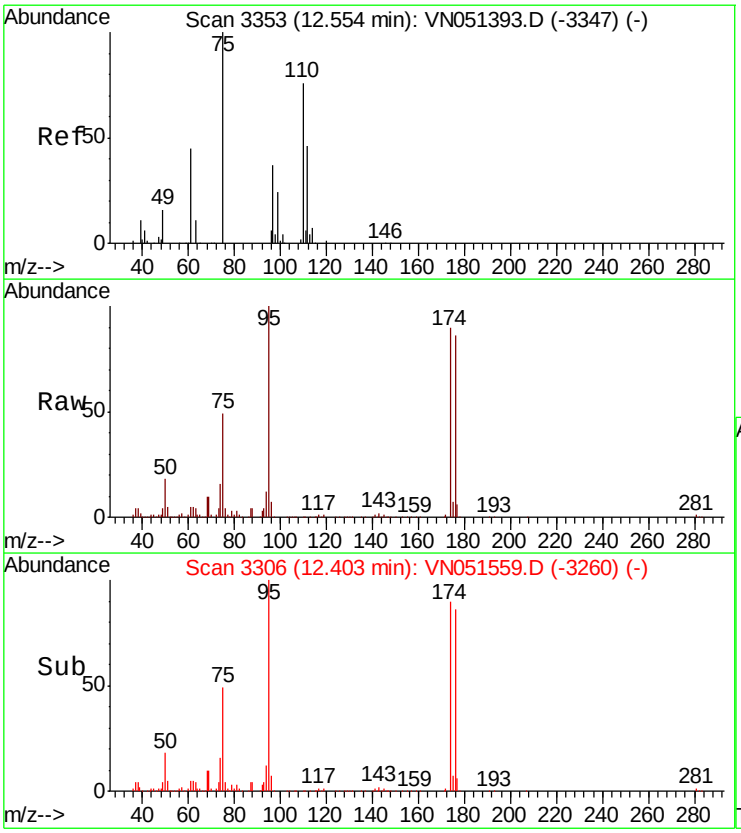
#74
N-amyl acetate
Concen: 0.755 ug/l
RT: 12.03 min Scan# 3189
Delta R.T. -0.04 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument : MSVOA_N
ClientSampleId : COMP

Tgt Ion: 43 Resp: 5144

Ion	Ratio	Lower	Upper
43	100		
70	0.0	35.0	52.4#
55	11.5	21.4	32.2#
61	0.0	19.8	29.6#

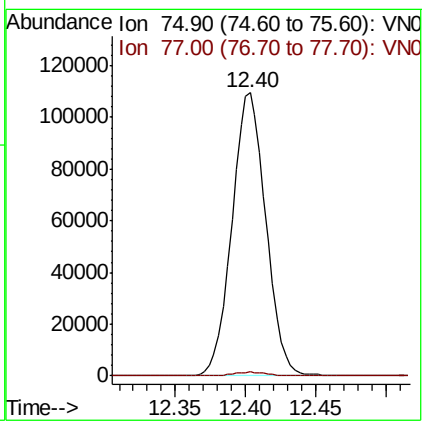


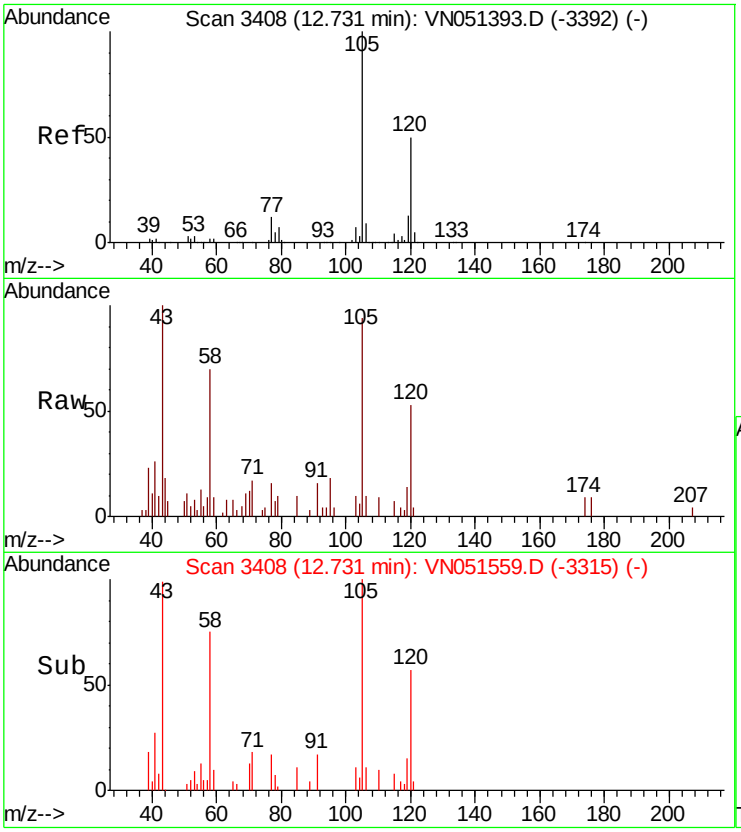


#76
1,2,3-Trichloropropane
Concen: 34.401 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.15 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 75 Resp: 183790

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



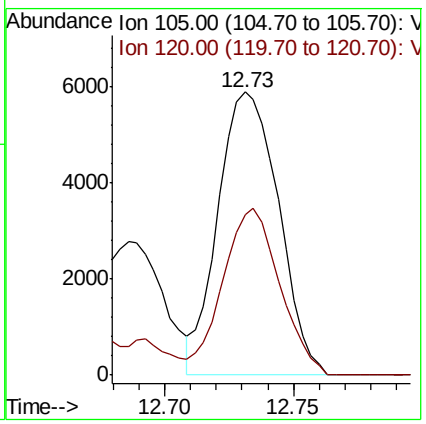


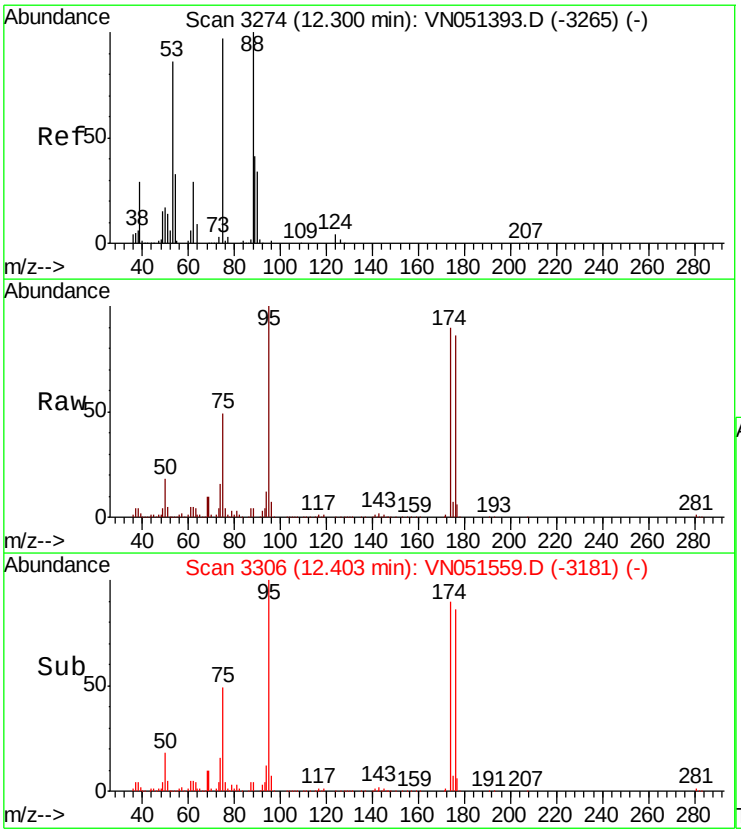
#80
1,3,5-Trimethylbenzene
Concen: 0.434 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion:105 Resp: 9615

Ion	Ratio	Lower	Upper
105	100		
120	55.5	24.8	74.4

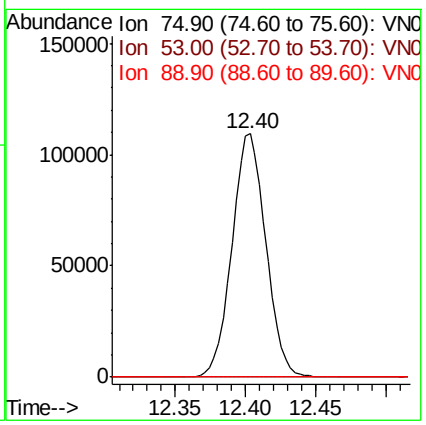


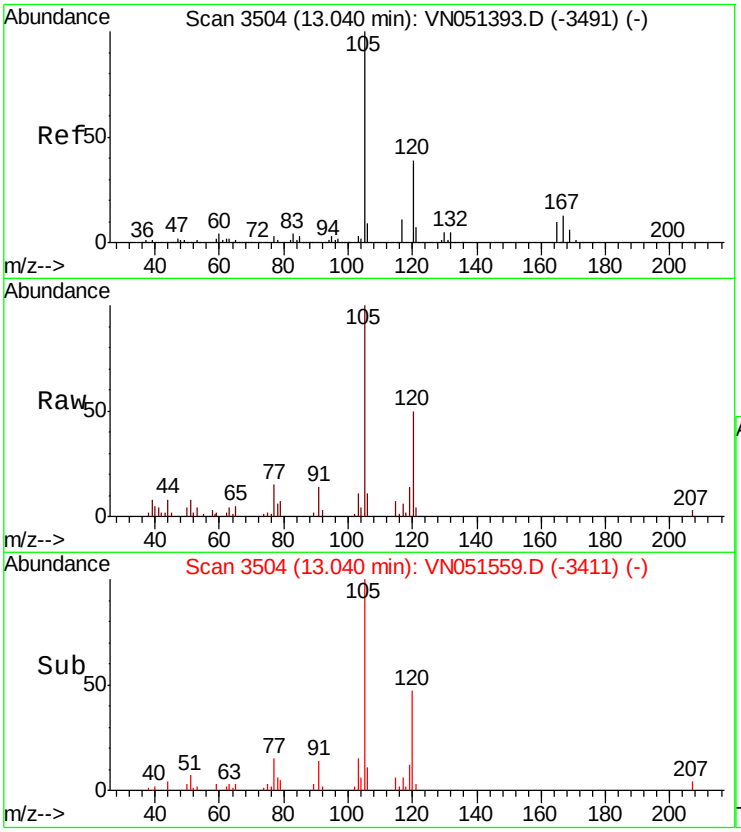


#81
trans-1,4-Dichloro-2-butene
Concen: 105.782 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 75 Resp: 183790

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.0	36.7	55.1#



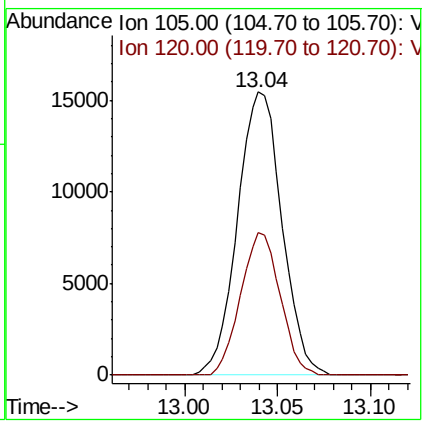


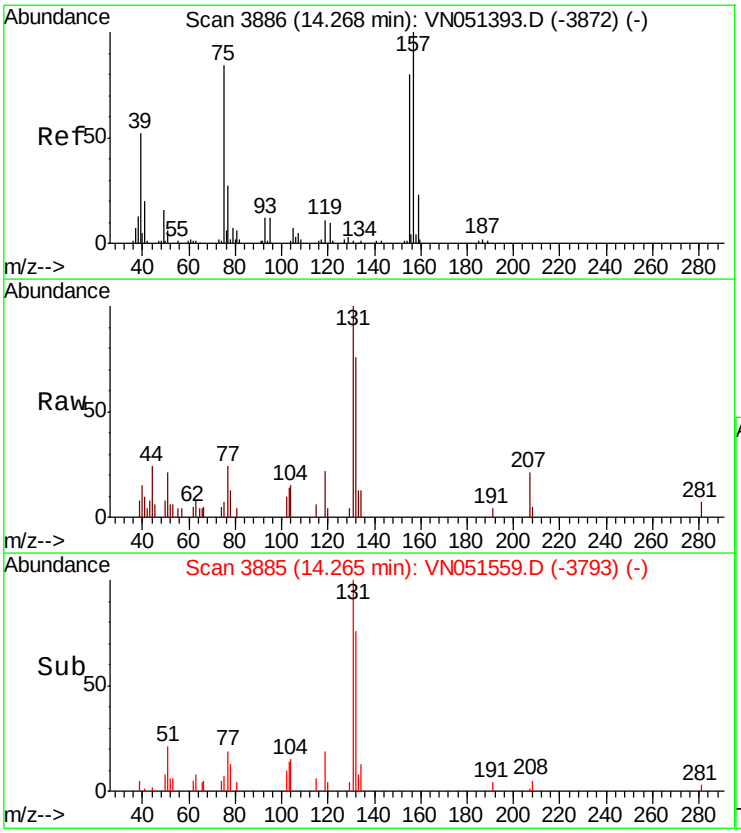
#84
1,2,4-Trimethylbenzene
Concen: 1.151 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion:105 Resp: 25675

Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.9	68.7

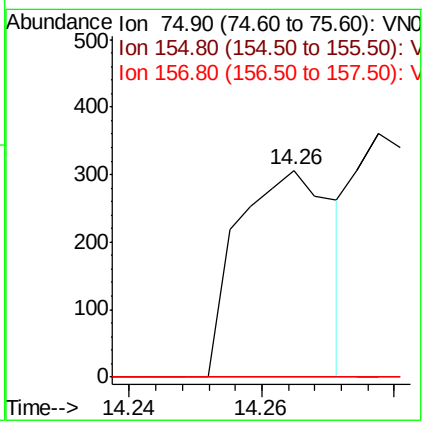


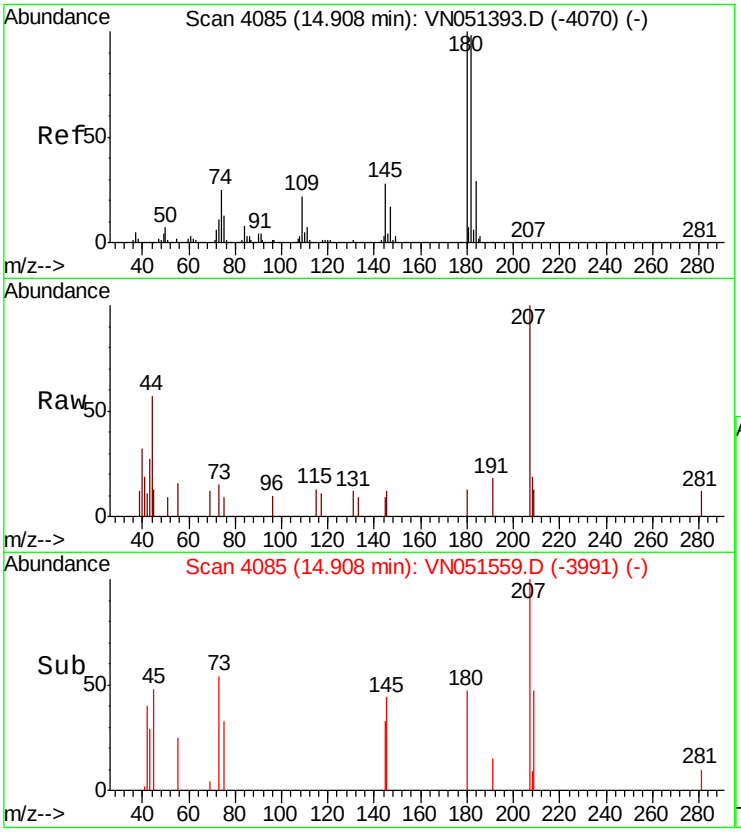


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.339 ug/l
RT: 14.26 min Scan# 3885
Delta R.T. -0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion: 75 Resp: 306

Ion	Ratio	Lower	Upper
75	100		
155	0.0	46.9	140.6#
157	0.0	58.4	175.1#



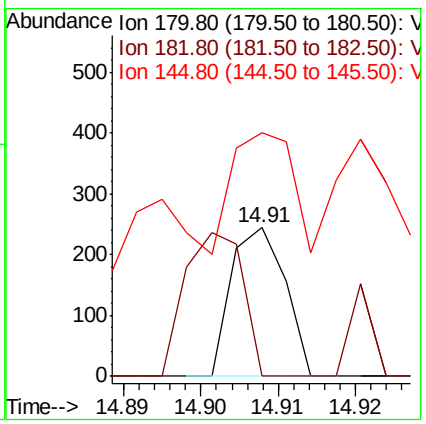


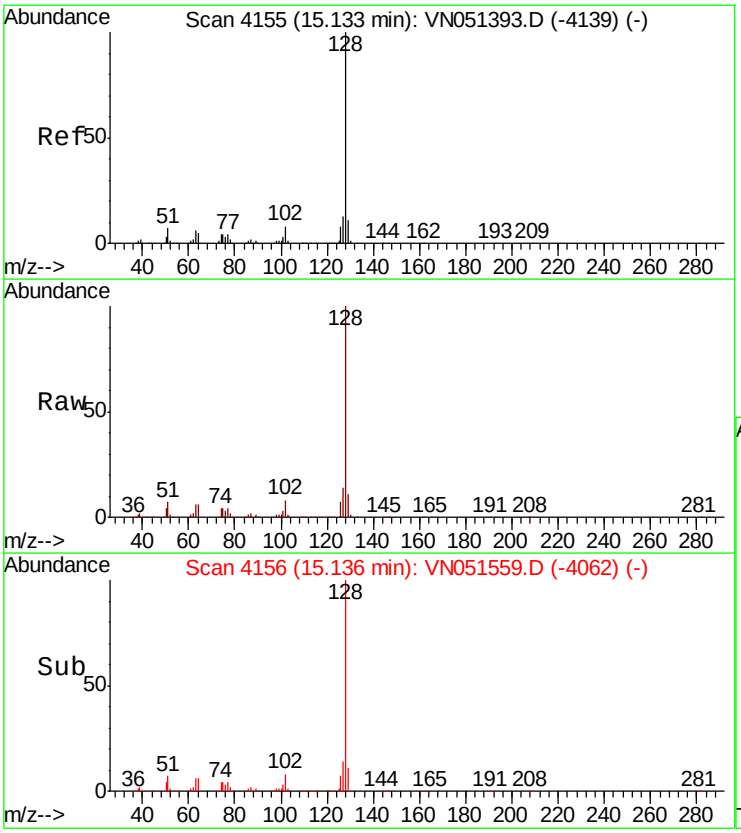
#93
1,2,4-Trichlorobenzene
Concen: 5.998 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tgt Ion:180 Resp: 118

Ion	Ratio	Lower	Upper
180	100		
182	103.4	48.5	145.6
145	222.9	14.1	42.4#





#95
Naphthalene
Concen: 64.300 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN051559.D
Acq: 27 Sep 2018 1:19

Tgt Ion:128 Resp: 802199

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.5	15.7
129	11.0	8.6	12.8