Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054413.D
Acq On : 19 Mar 2019 00:55
Operator : JC/SP
Sample : K1902-12 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30240-41-42-43-44

Quant Time: Mar 19 05:18:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1915926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2779611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2304853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	852252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	931730	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.58%			
35) Dibromofluoromethane	7.59	113	847532	47.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.56%			
50) Toluene-d8	10.09	98	3179669	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.06%			
62) 4-Bromofluorobenzene	12.40	95	941554	40.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 81.28%			
Target Compounds						Qvalue
10) Methyl Iodide	3.94	142	416	1.511	ug/l #	45
13) Acrolein	3.60	56	284	0.215	ug/l #	36
16) Acetone	3.82	43	32938	5.654	ug/l	96
25) 2-Butanone	6.85	43	2379	0.348	ug/l	94
31) Cyclohexane	7.66	56	27863	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	110284	4.308	ug/l #	48
38) Carbon Tetrachloride	7.67	117	153782	5.729	ug/l #	16
49) 1,4-Dioxane	9.20	88	78	0.421	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	4690	0.343	ug/l	98
52) Toluene	10.16	92	17186	0.370	ug/l	94
53) t-1,3-Dichloropropene	10.38	75	34	1.987	ug/l #	1
59) 2-Hexanone	10.87	43	67980	7.478	ug/l #	41
68) m/p-Xylenes	11.62	106	20925	0.638	ug/l	97
69) o-Xylene	11.95	106	18561	0.581	ug/l	99
71) Bromoform	12.12	173	461	2.382	ug/l #	28
76) 1,2,3-Trichloropropane	12.40	75	446613	35.636	ug/l #	100
77) Bromobenzene	12.55	156	35811	1.985	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.73	105	29051	0.512	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.40	75	446613	121.819	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	71403	1.283	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	10279	0.344	ug/l #	25
90) Hexachloroethane	13.89	117	3193	0.325	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.90	180	340	2.535	ug/l #	1
95) Naphthalene	15.14	128	10593	3.733	ug/l #	87

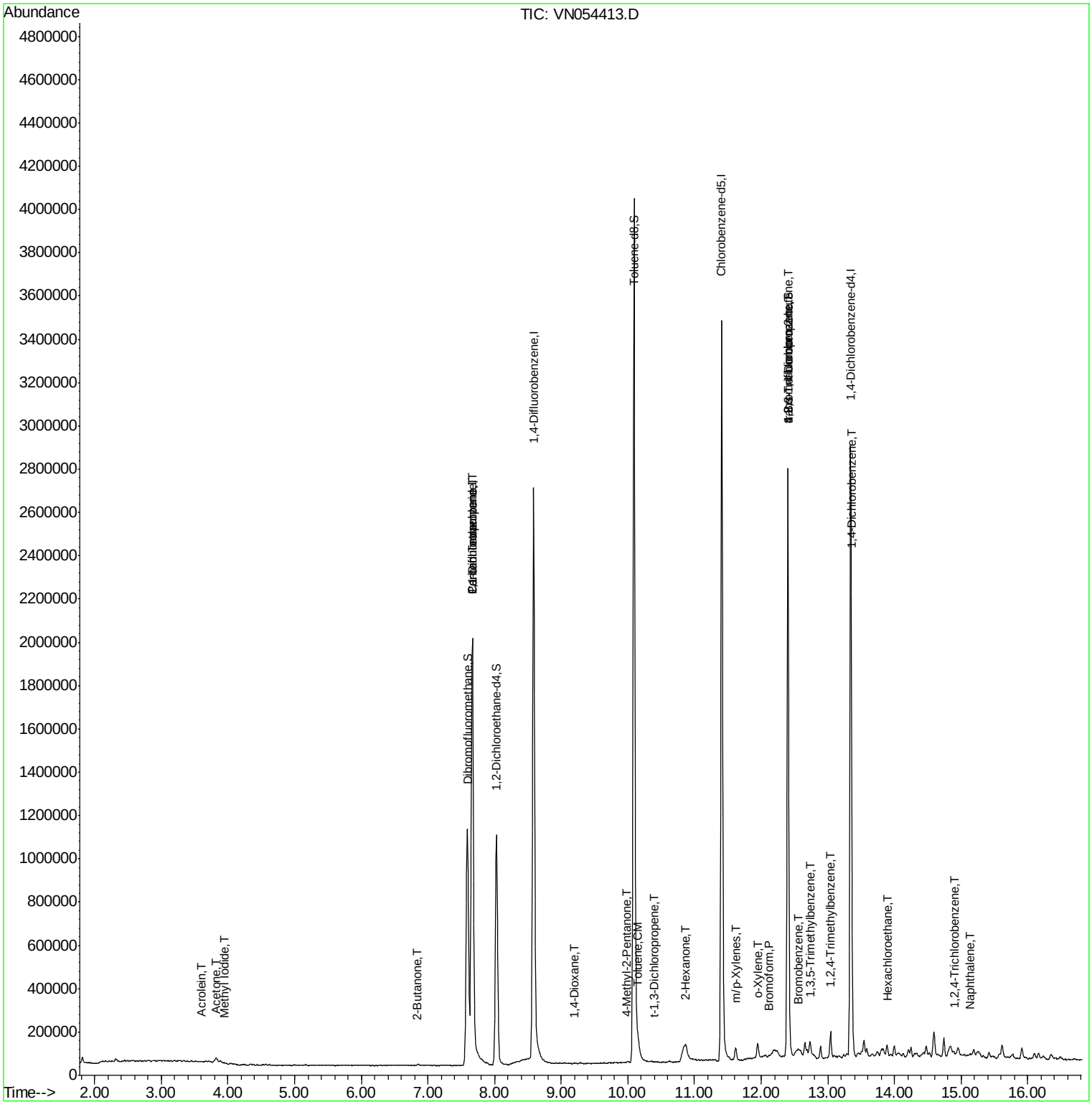
(#) = qualifier out of range (m) = manual integration (+) = signals summed

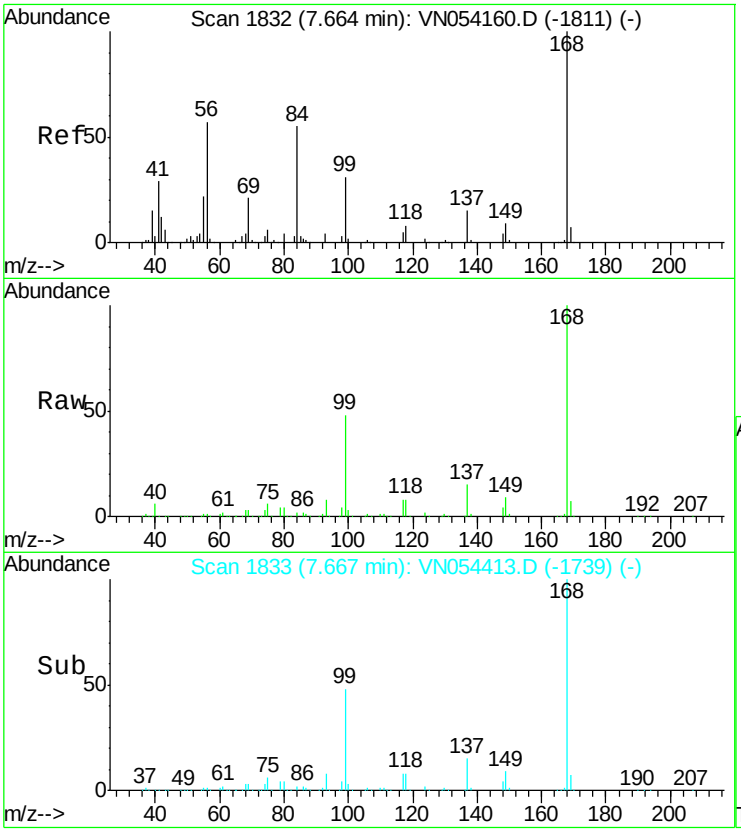
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054413.D
Acq On : 19 Mar 2019 00:55
Operator : JC/SP
Sample : K1902-12 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 30240-41-42-43-44

Quant Time: Mar 19 05:18:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



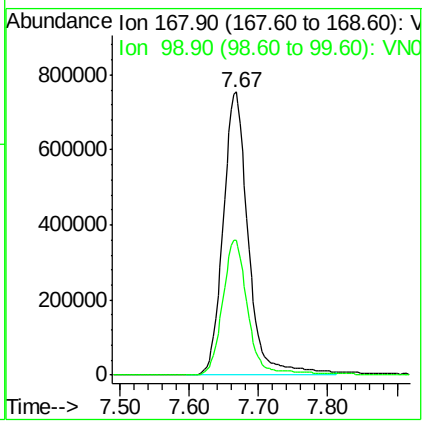


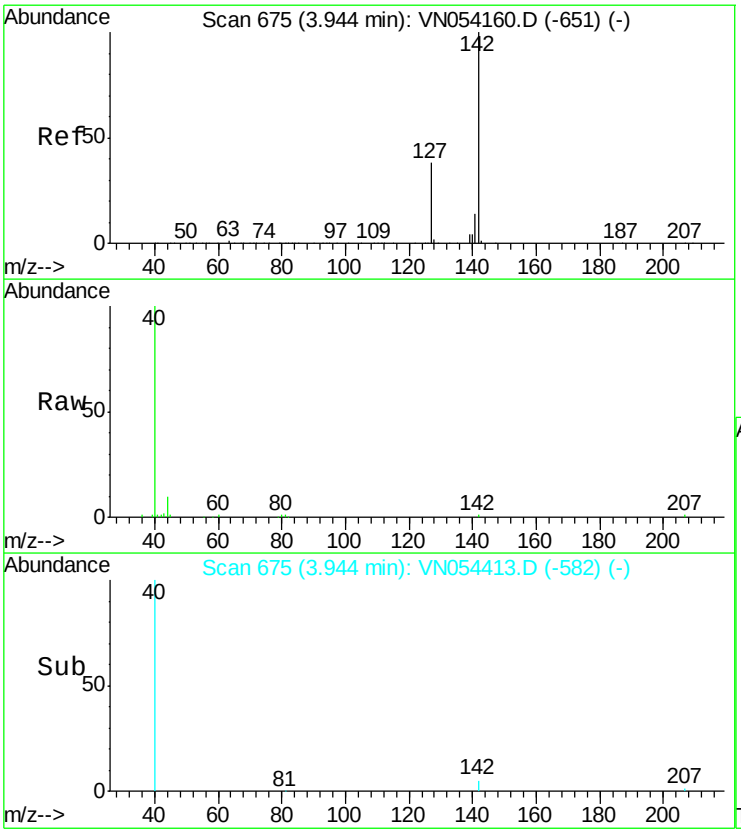
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion:168 Resp: 1915926

Ion	Ratio	Lower	Upper
168	100		
99	47.6	37.1	55.7

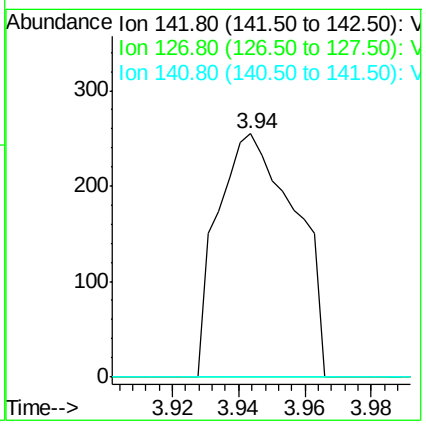


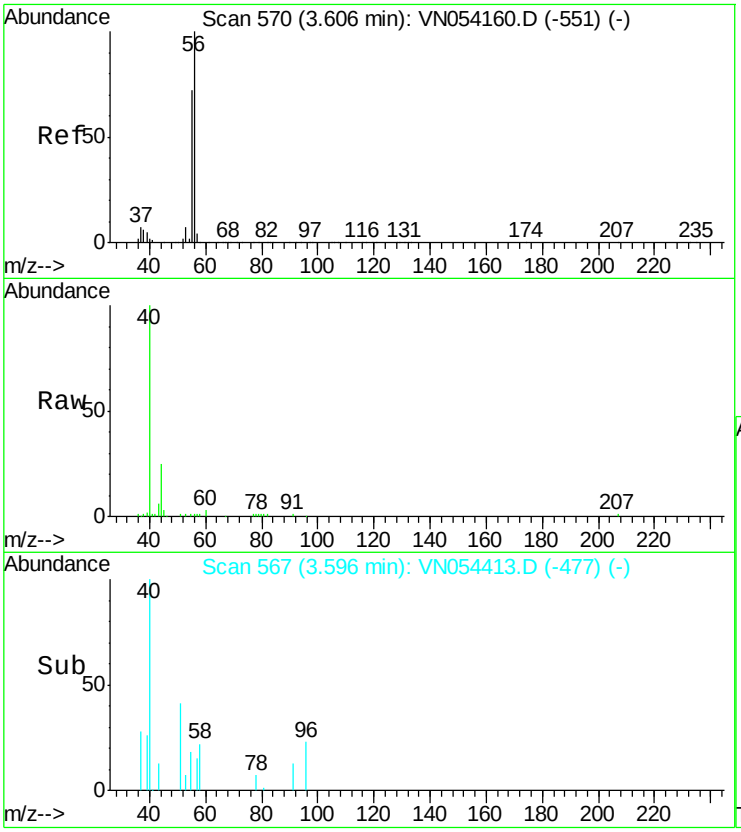


#10
Methyl Iodide
Concen: 1.511 ug/l
RT: 3.94 min Scan# 675
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion:142 Resp: 416

Ion	Ratio	Lower	Upper
142	100		
127	0.0	30.3	45.5#
141	0.0	11.2	16.8#



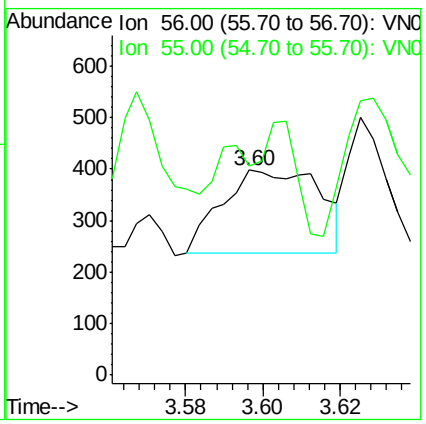


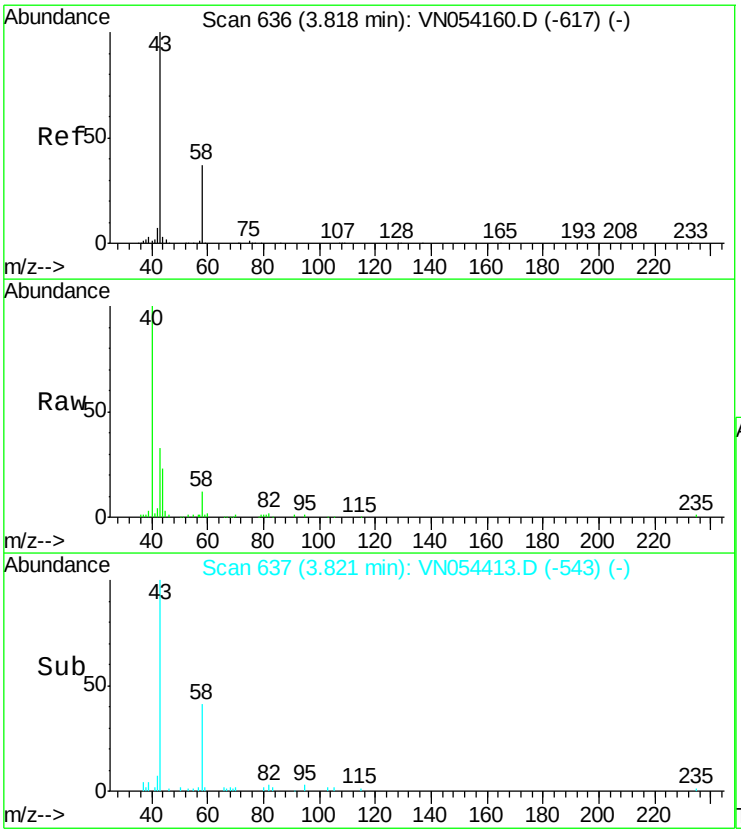
#13
Acrolein
Concen: 0.215 ug/l
RT: 3.60 min Scan# 567
Delta R.T. -0.01 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion: 56 Resp: 284

Ion	Ratio	Lower	Upper
56	100		
55	18.0	56.7	85.1#

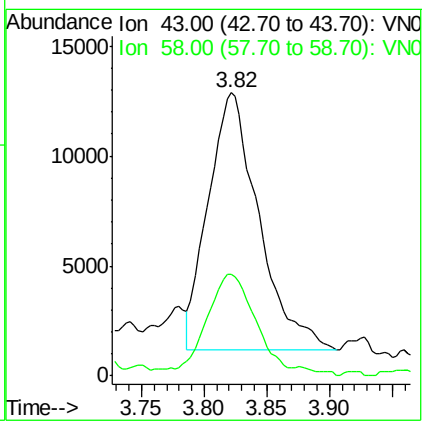


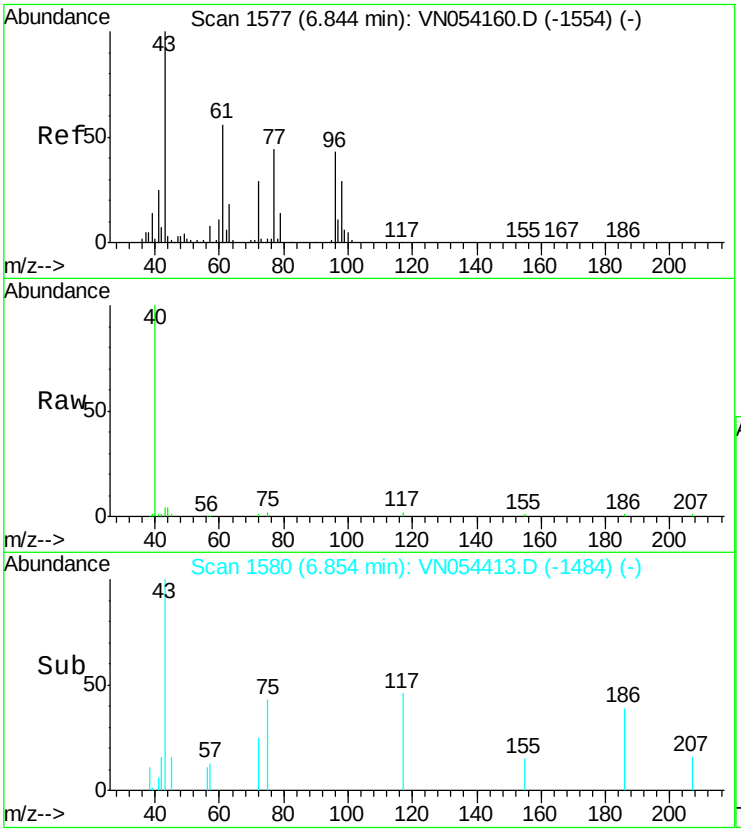


#16
Acetone
Concen: 5.654 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion: 43 Resp: 32938

Ion	Ratio	Lower	Upper
43	100		
58	39.6	29.9	44.9



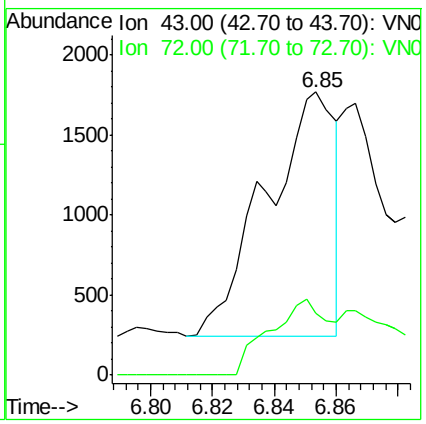


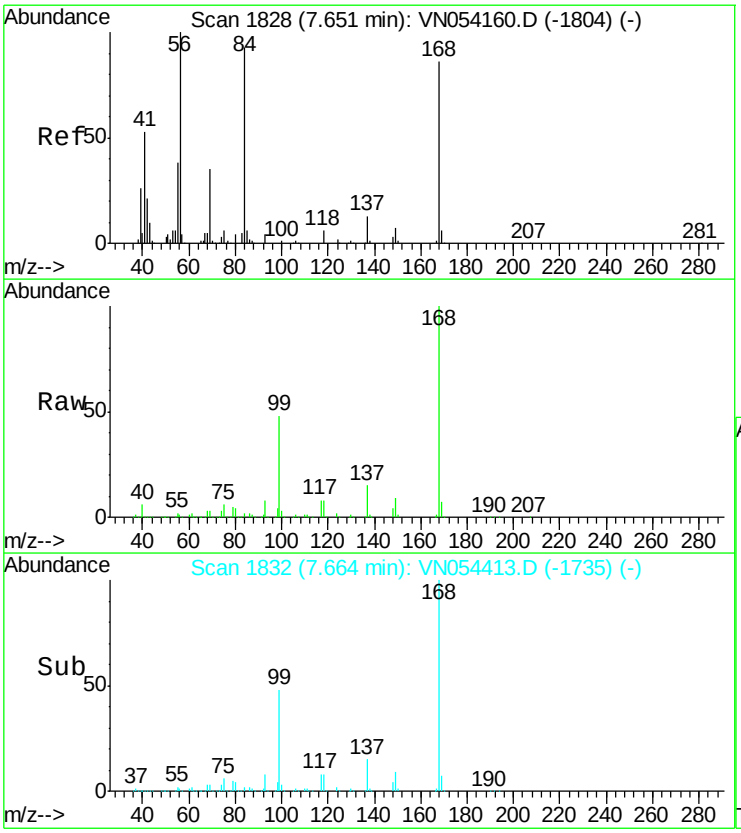
#25
2-Butanone
Concen: 0.348 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion: 43 Resp: 2379

Ion	Ratio	Lower	Upper
43	100		
72	25.4	23.0	34.6

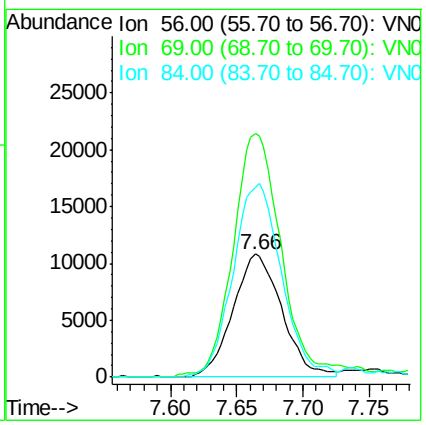


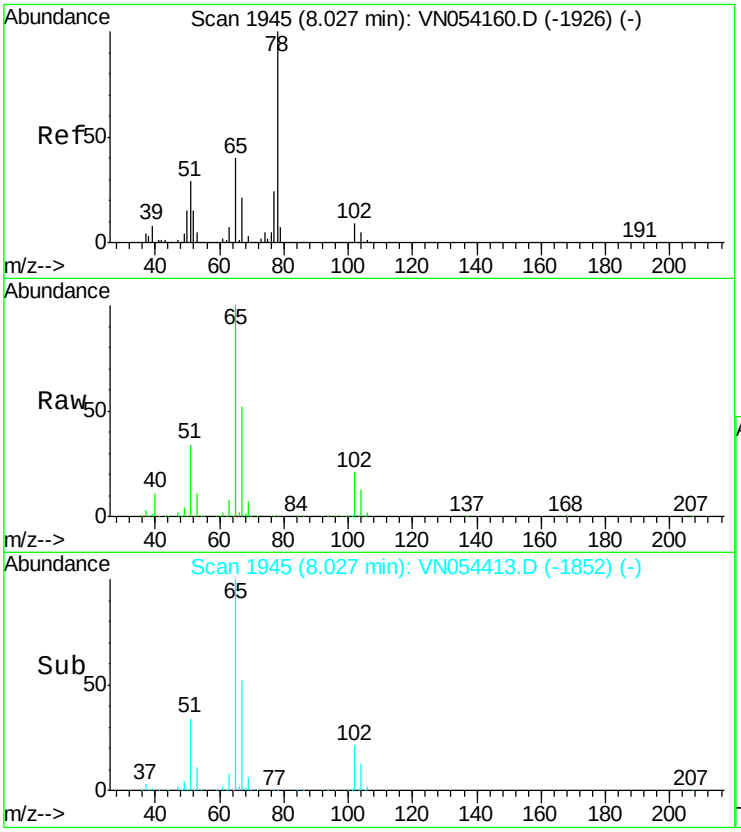


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion: 56 Resp: 27863

Ion	Ratio	Lower	Upper
56	100		
69	195.1	27.8	41.6#
84	153.3	74.6	111.8#



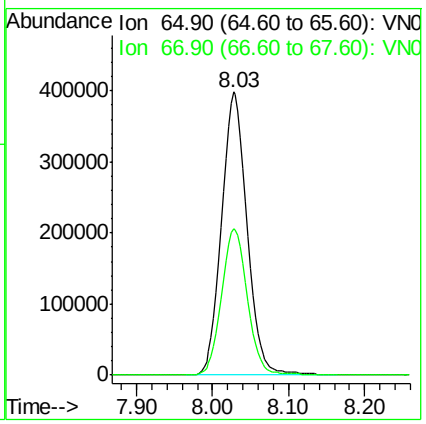


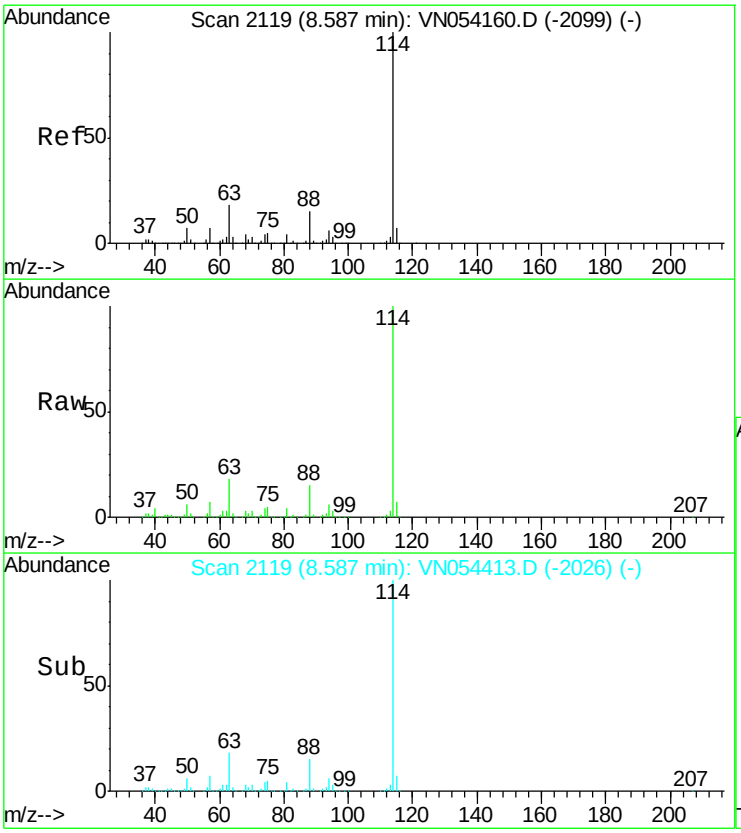
#33
1,2-Dichloroethane-d4
Concen: 45.792 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion: 65 Resp: 931730

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.6

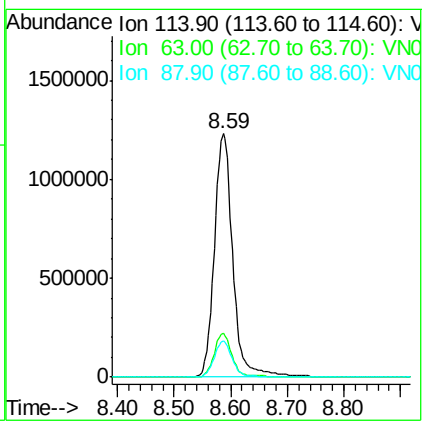


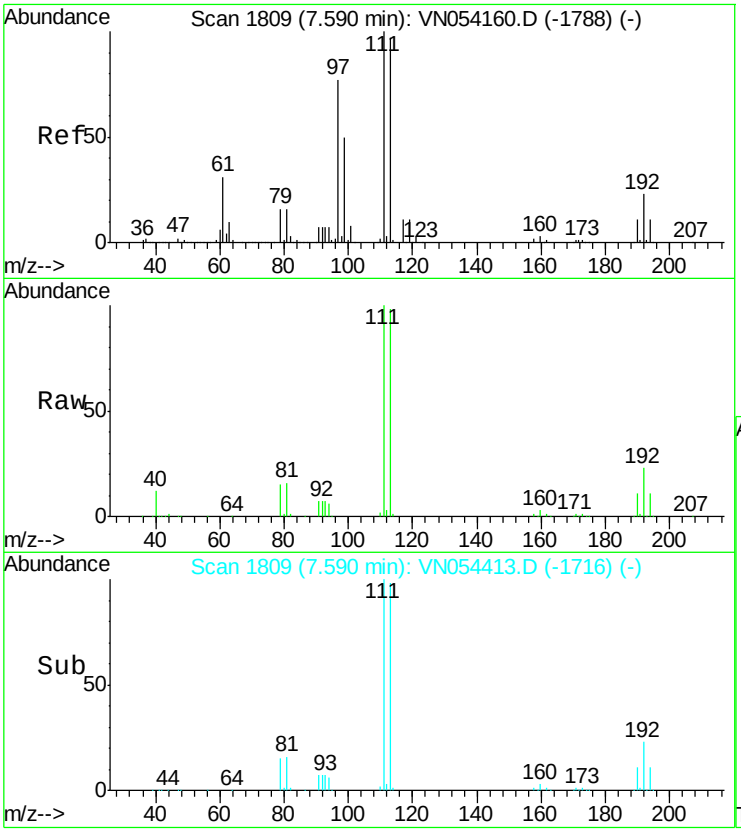


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion:114 Resp: 2779611

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.2
88	14.8	0.0	30.2



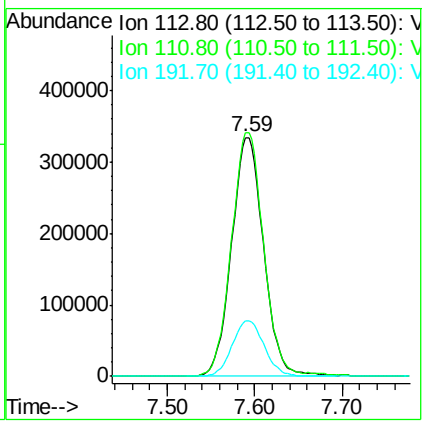


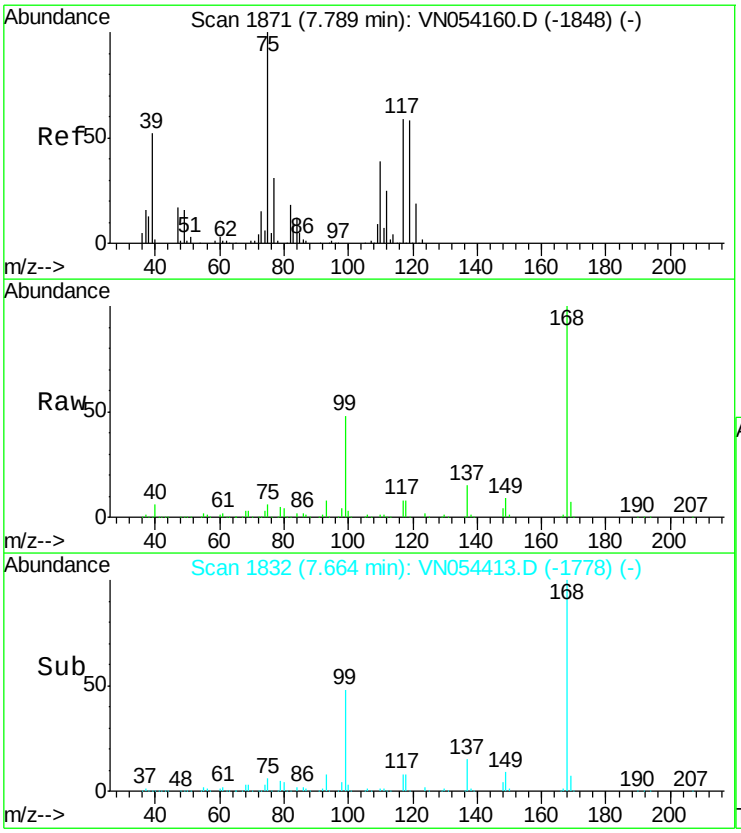
#35
Dibromofluoromethane
Concen: 47.276 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion:113 Resp: 847532

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	23.4	19.2	28.8

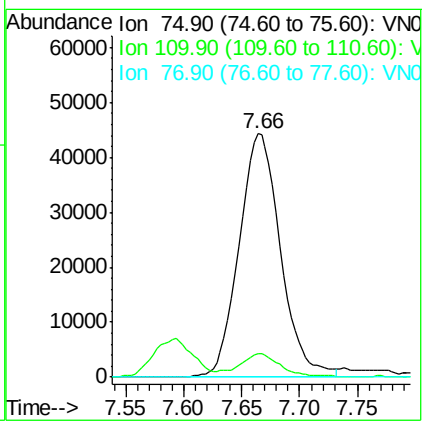


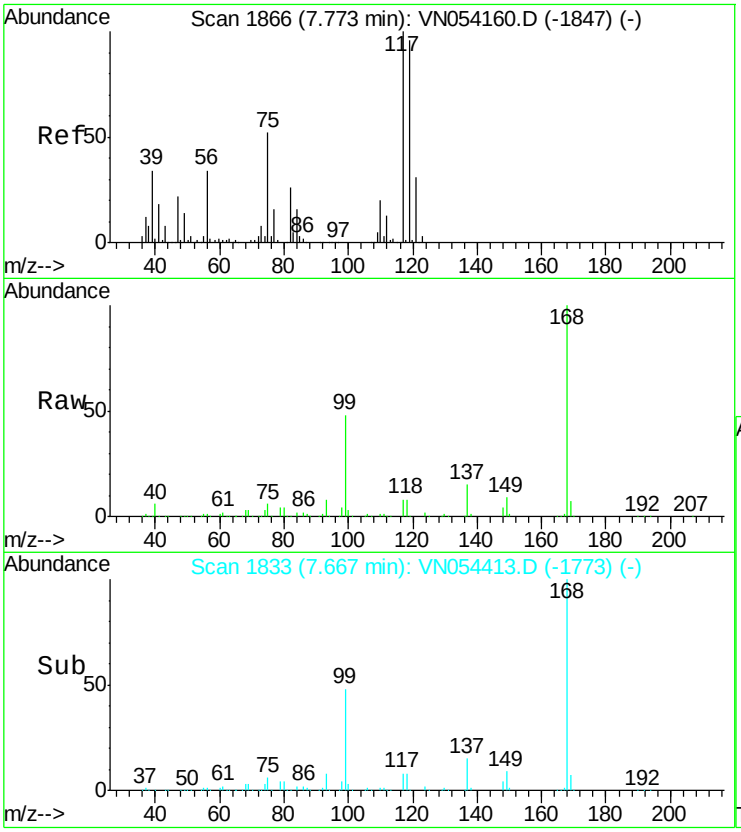


#36
1,1-Dichloropropene
Concen: 4.308 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion: 75 Resp: 110284

Ion	Ratio	Lower	Upper
75	100		
110	9.0	19.1	57.5#
77	0.0	25.0	37.4#



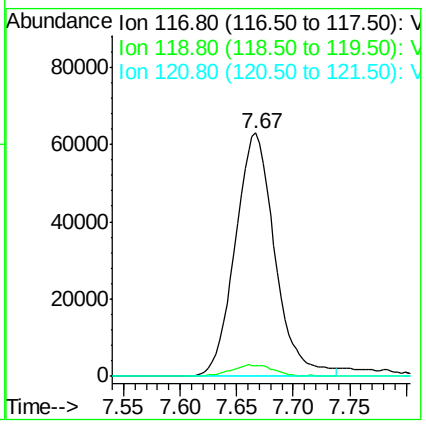


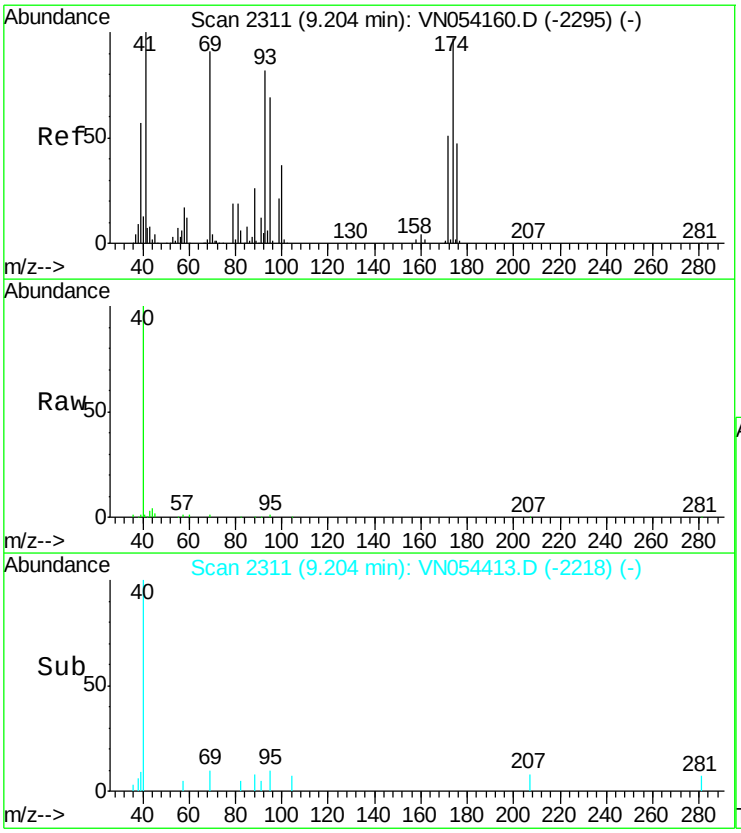
#38
Carbon Tetrachloride
Concen: 5.729 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion:117 Resp: 153782

Ion	Ratio	Lower	Upper
117	100		
119	4.3	76.3	114.5#
121	0.0	24.6	36.8#

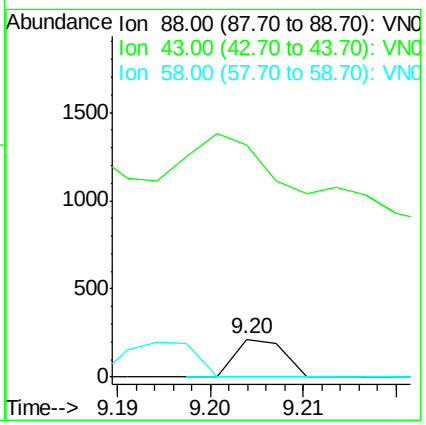


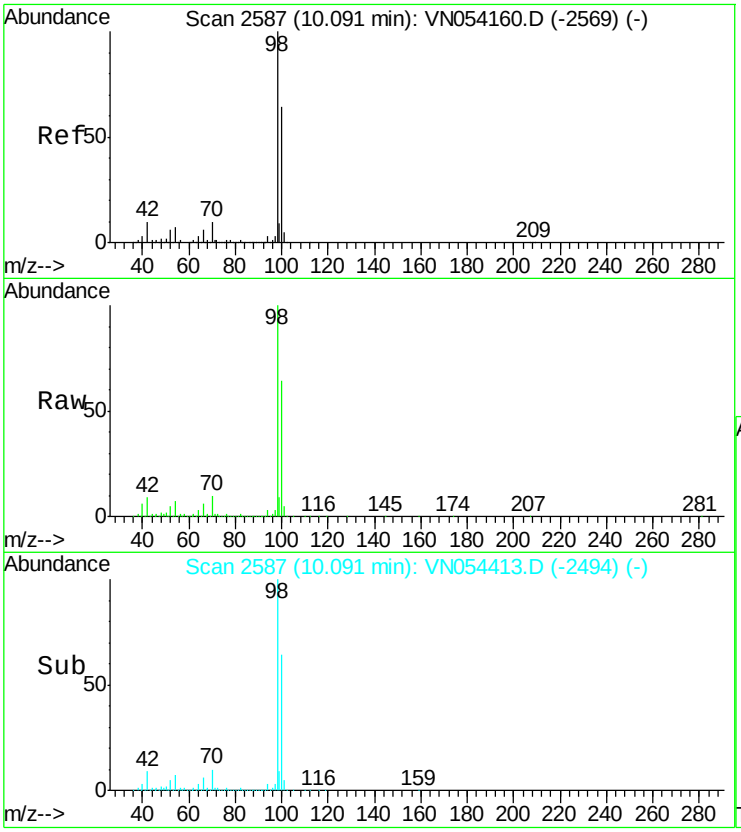


#49
1,4-Dioxane
Concen: 0.421 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion: 88 Resp: 78

Ion	Ratio	Lower	Upper
88	100		
43	487.2	24.1	36.1#
58	135.9	50.8	76.2#



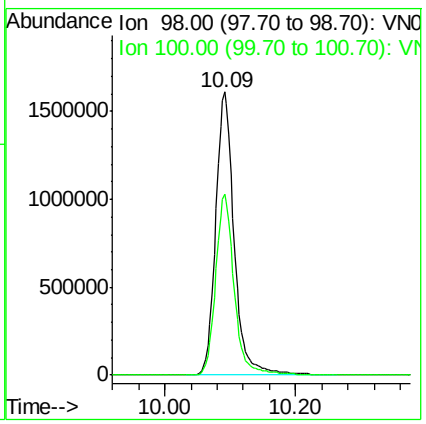


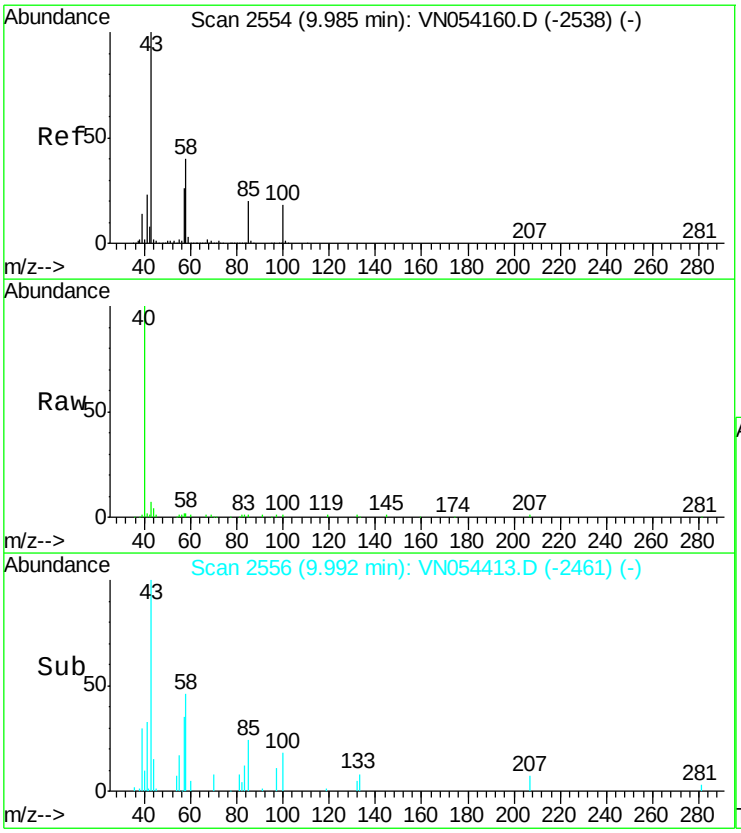
#50
Toluene-d8
Concen: 48.025 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion: 98 Resp: 3179669

Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8

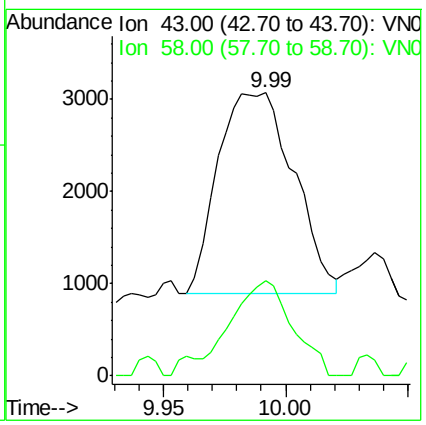


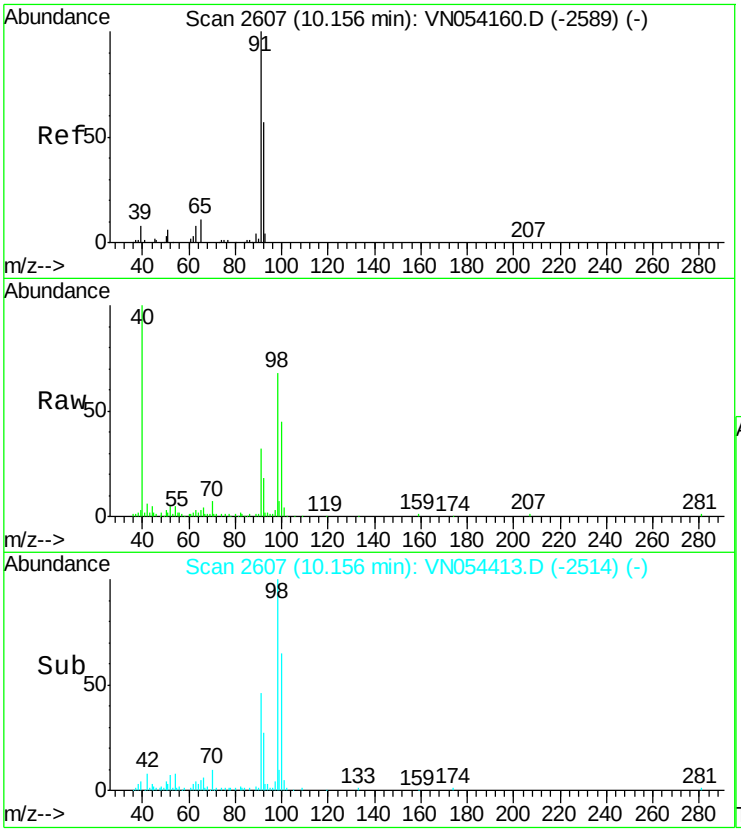


#51
4-Methyl-2-Pentanone
Concen: 0.343 ug/l
RT: 9.99 min Scan# 2556
Delta R.T. 0.01 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion: 43 Resp: 4690

Ion	Ratio	Lower	Upper
43	100		
58	40.9	31.8	47.6



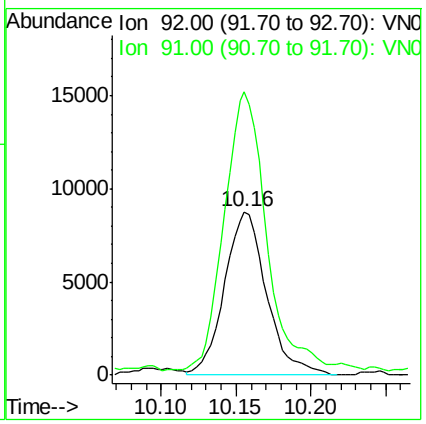


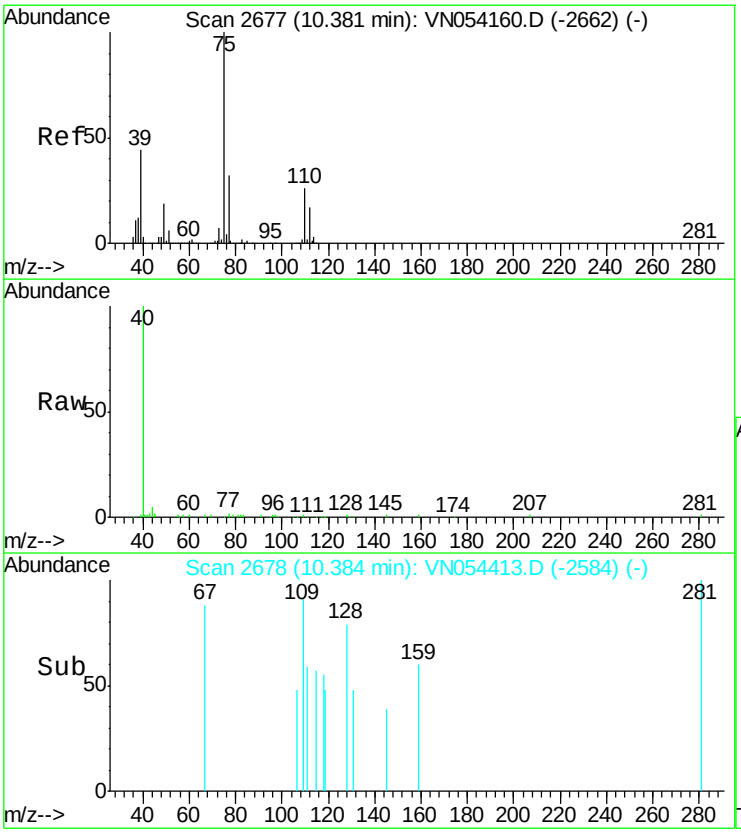
#52
Toluene
Concen: 0.370 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion: 92 Resp: 17186

Ion	Ratio	Lower	Upper
92	100		
91	168.0	140.7	211.1

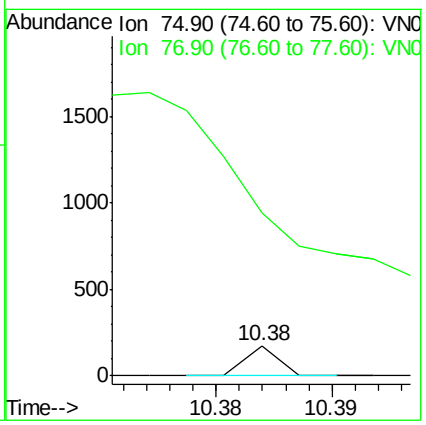


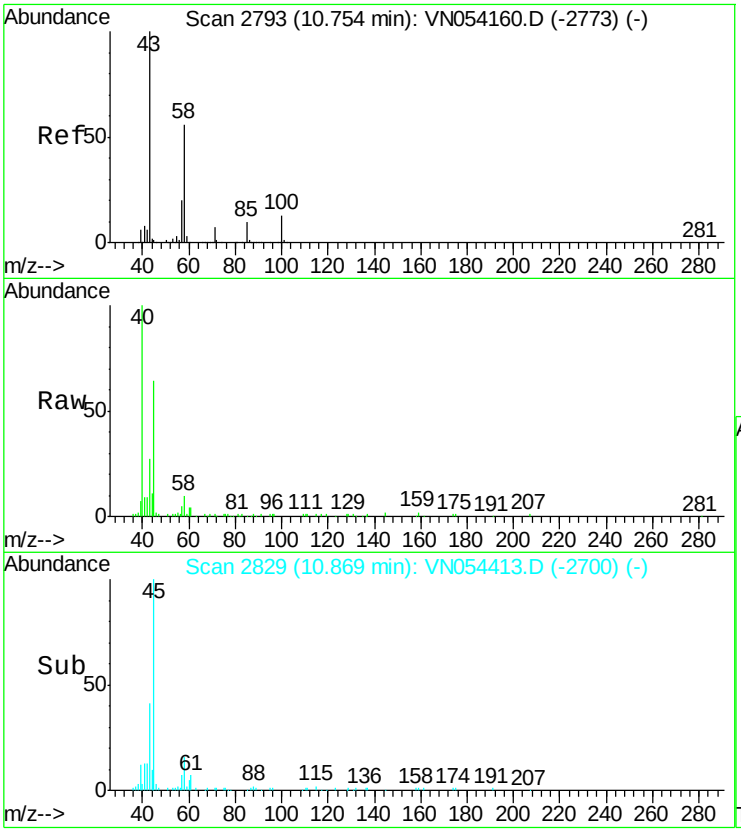


#53
t-1,3-Dichloropropene
Concen: 1.987 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion: 75 Resp: 34

Ion	Ratio	Lower	Upper
75	100		
77	134.5	25.8	38.8#



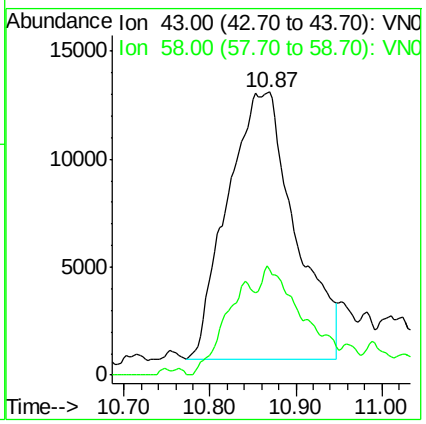


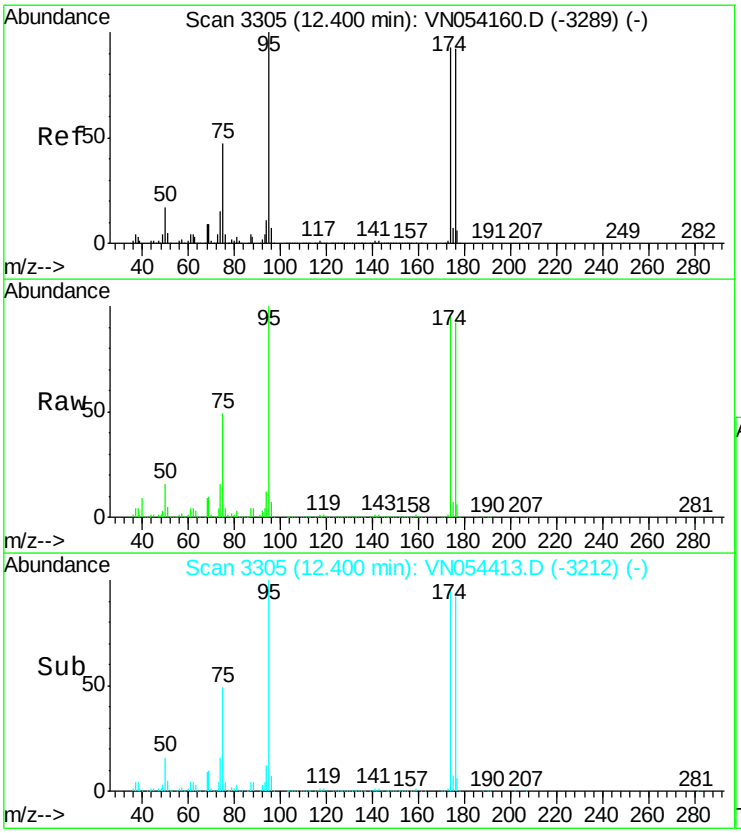
#59
2-Hexanone
Concen: 7.478 ug/l
RT: 10.87 min Scan# 2829
Delta R.T. 0.12 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion: 43 Resp: 67980

Ion	Ratio	Lower	Upper
43	100		
58	13.1	28.0	83.9#

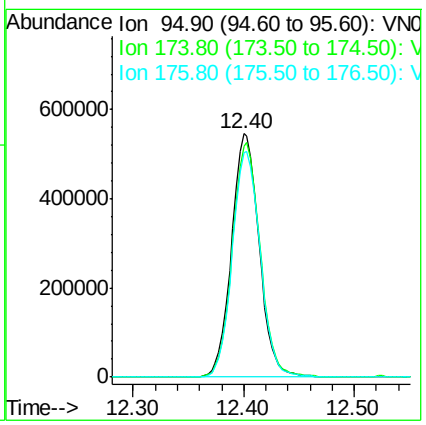


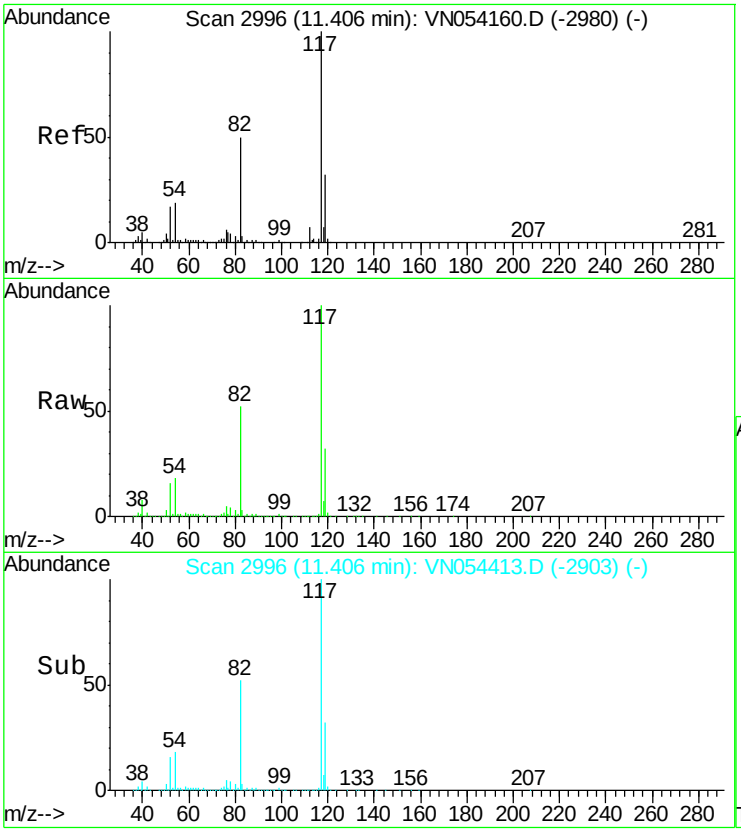


#62
4-Bromofluorobenzene
Concen: 40.643 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion: 95 Resp: 941554

Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	191.0
176	94.2	0.0	187.4



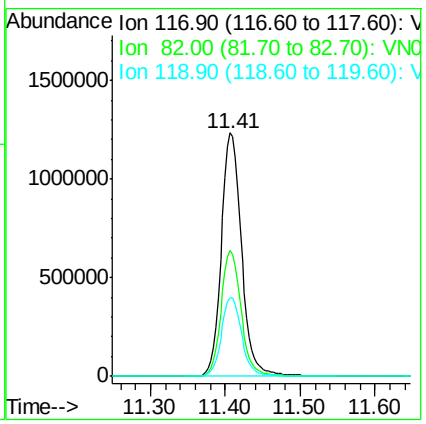


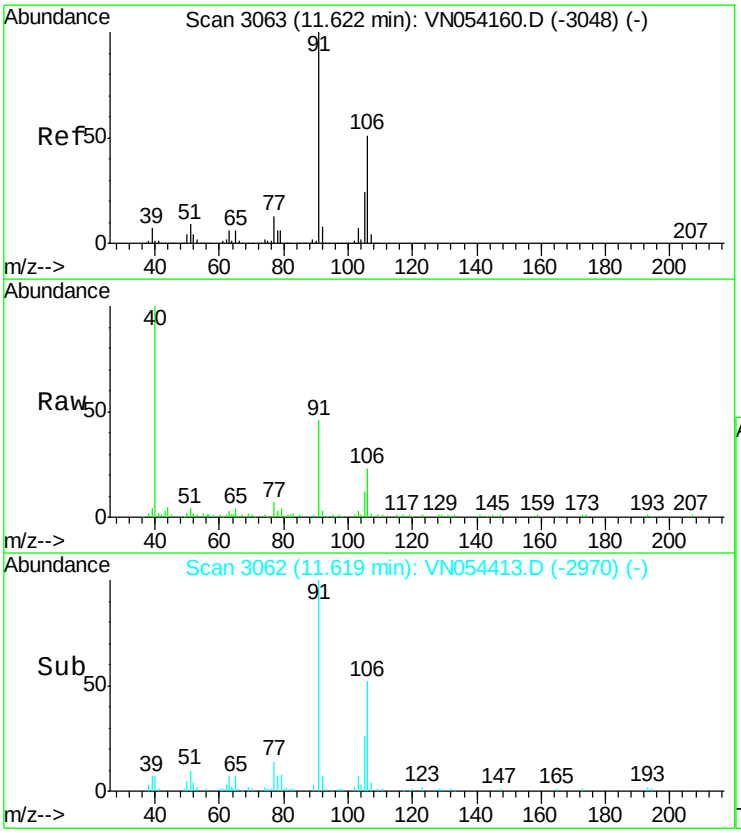
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion:117 Resp: 2304853

Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.0	60.0
119	32.3	25.8	38.6

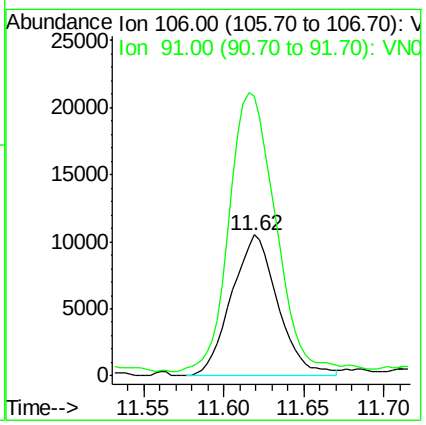


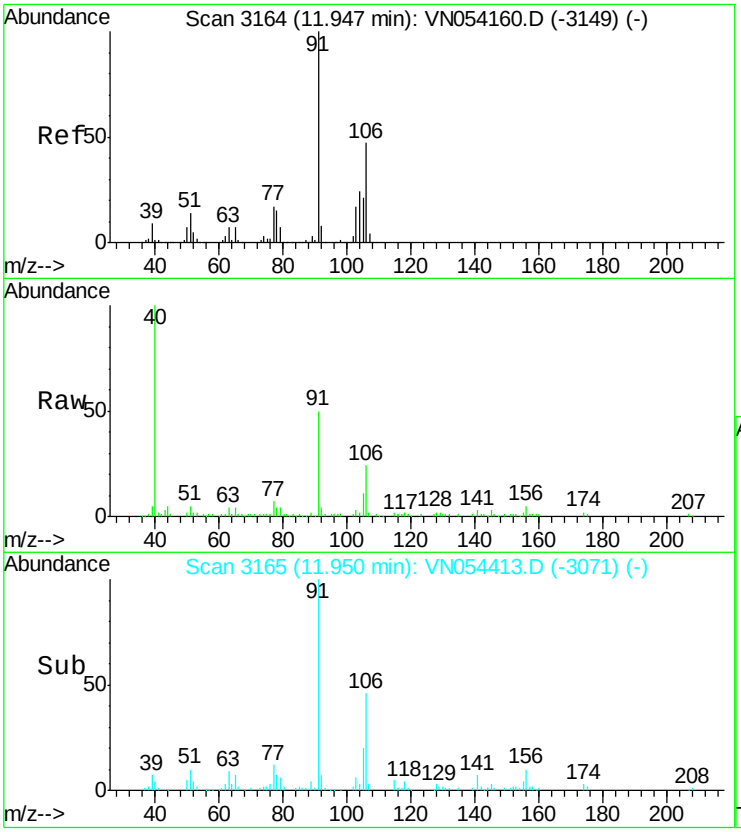


#68
m/p-Xylenes
Concen: 0.638 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion:106 Resp: 20925

Ion	Ratio	Lower	Upper
106	100		
91	195.4	159.4	239.2



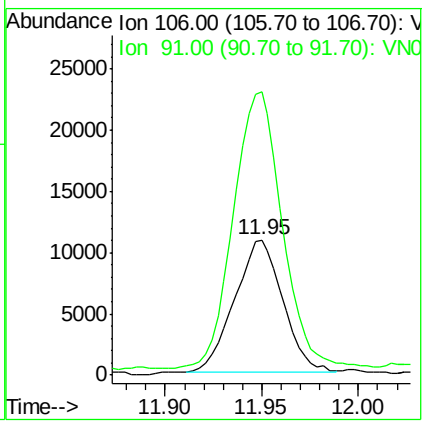


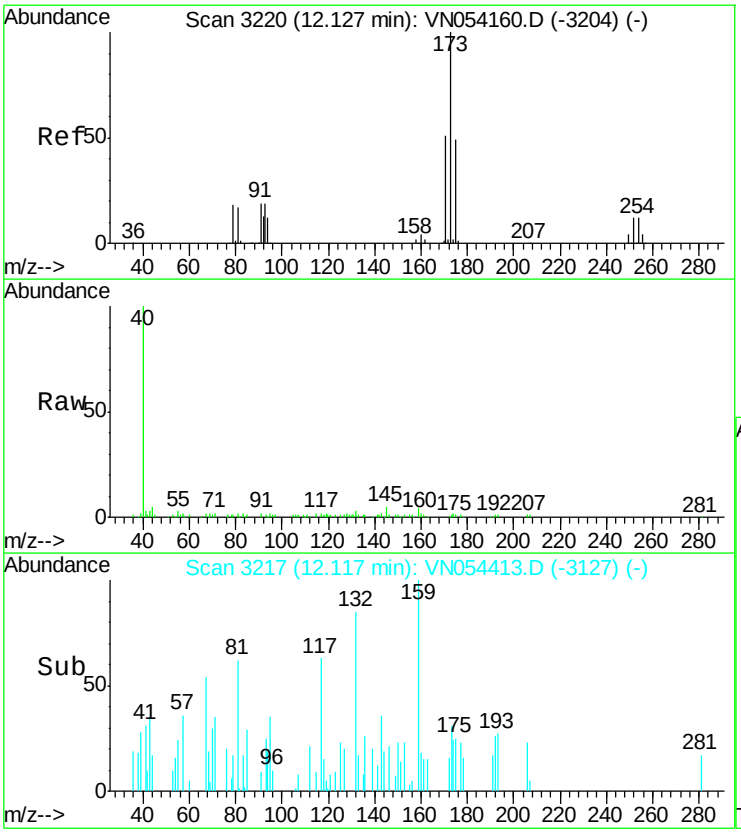
#69
o-Xylene
Concen: 0.581 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion:106 Resp: 18561

Ion	Ratio	Lower	Upper
106	100		
91	213.3	105.7	317.1

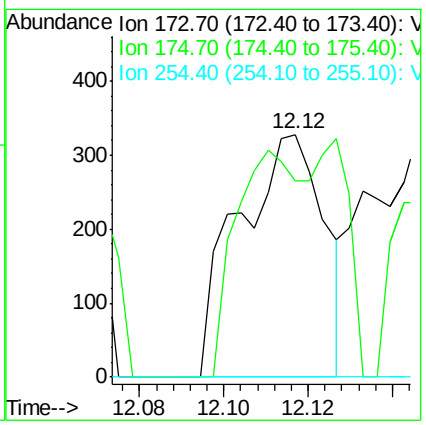


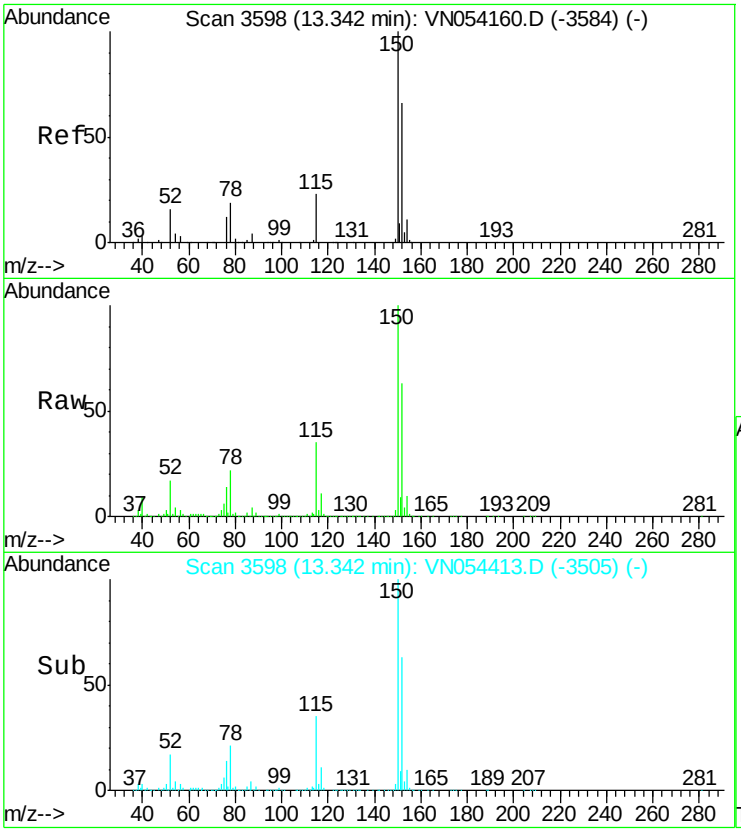


#71
Bromoform
Concen: 2.382 ug/l
RT: 12.12 min Scan# 3217
Delta R.T. -0.01 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion:173 Resp: 461

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



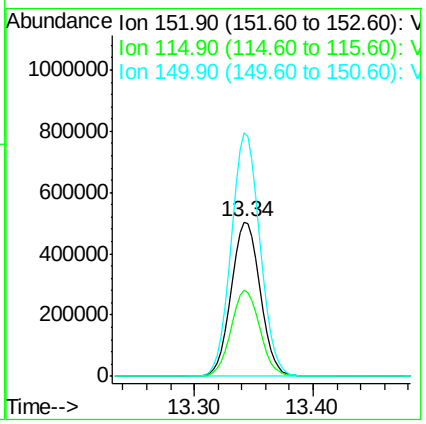


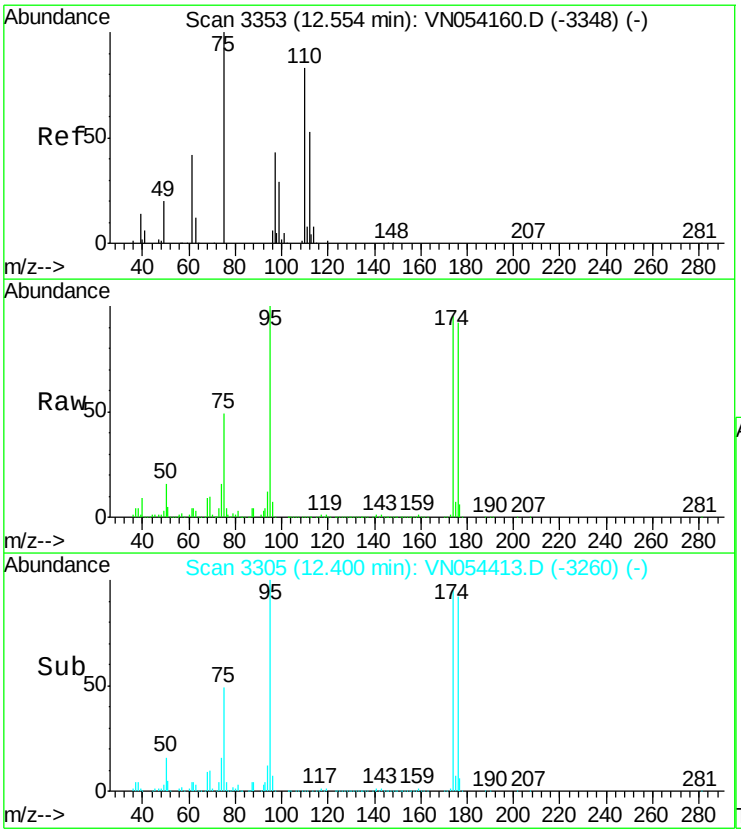
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion:152 Resp: 852252

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.2	81.6
150	156.1	0.0	349.2

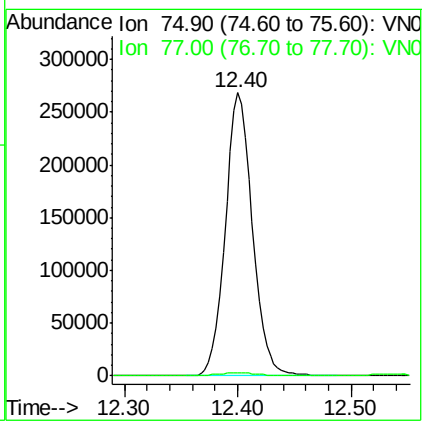


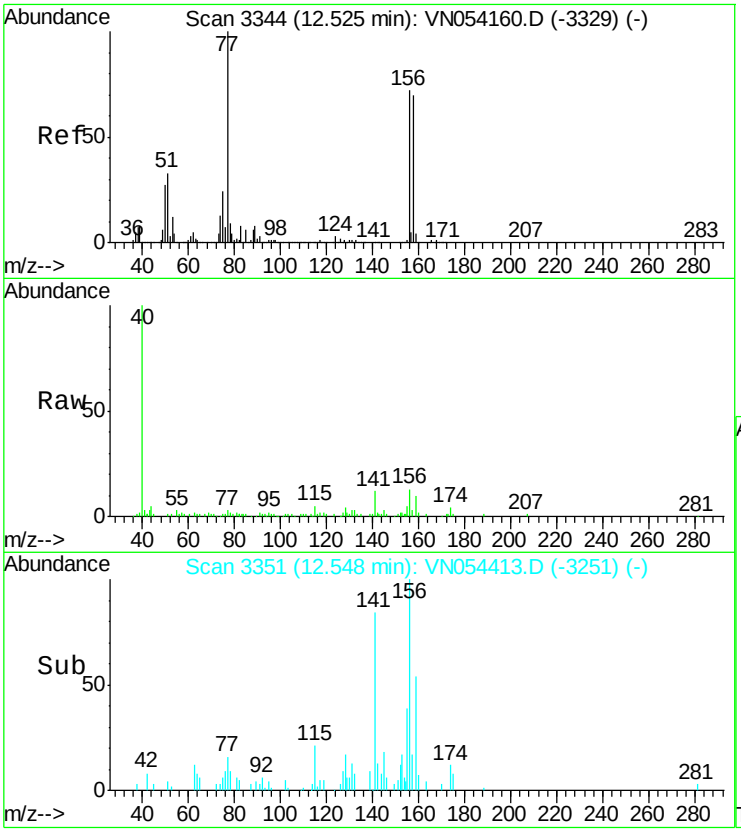


#76
1,2,3-Trichloropropane
Concen: 35.636 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion: 75 Resp: 446613

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#



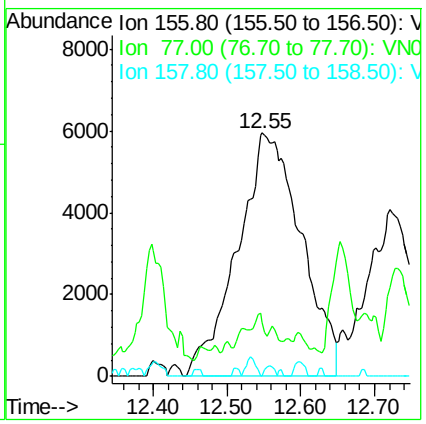


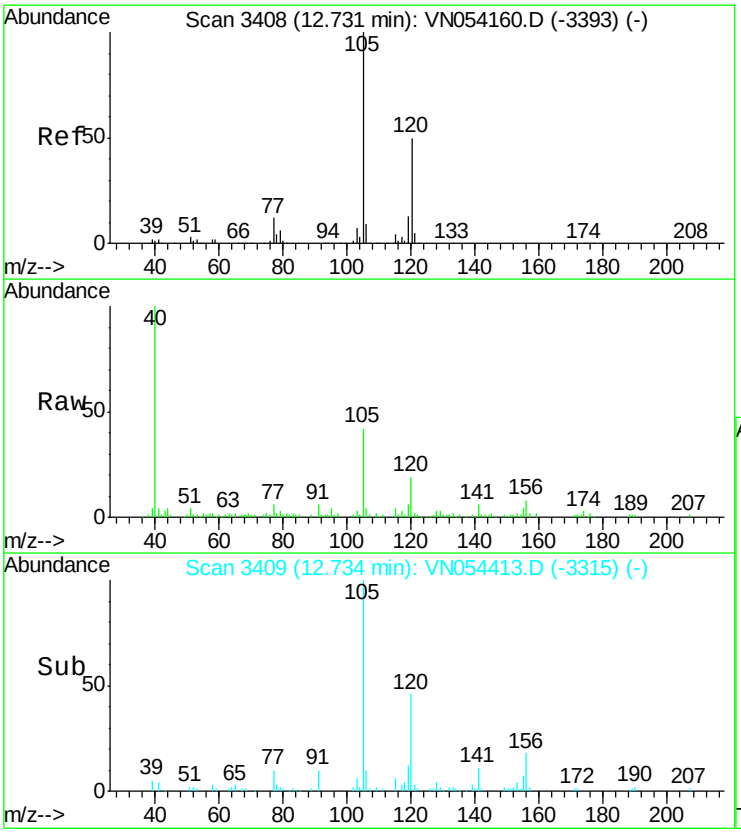
#77
Bromobenzene
Concen: 1.985 ug/l
RT: 12.55 min Scan# 3351
Delta R.T. 0.02 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion:156 Resp: 35811

Ion	Ratio	Lower	Upper
156	100		
77	1.4	81.5	244.4#
158	0.6	49.0	147.2#

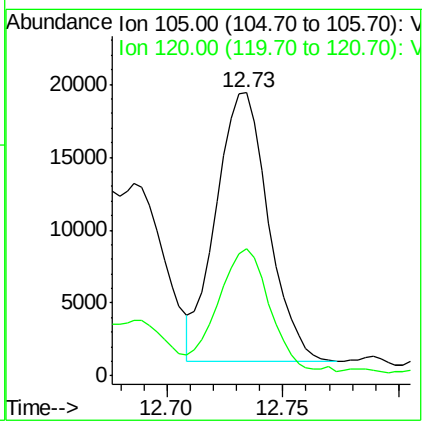


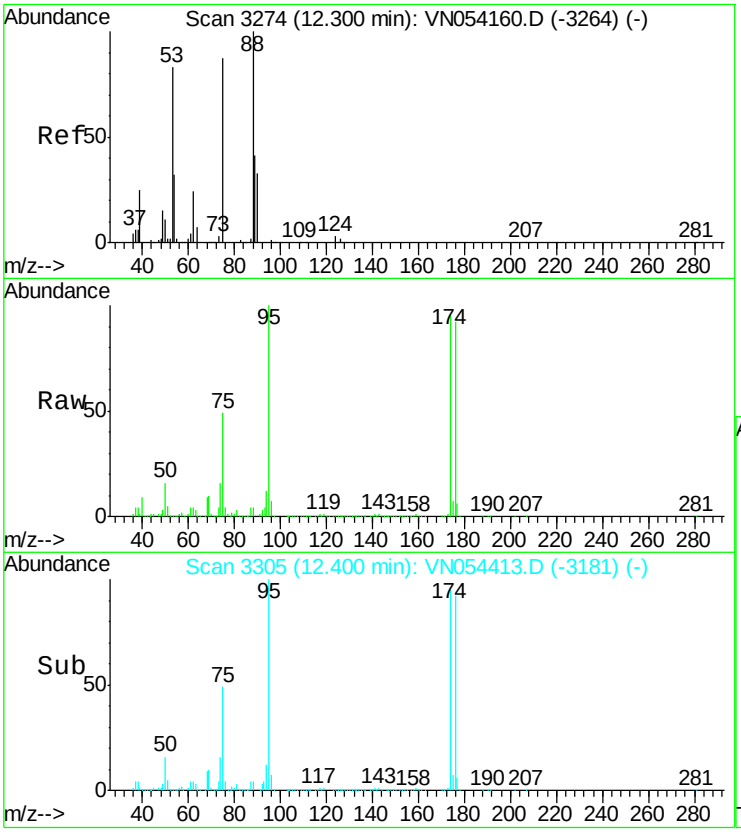


#80
1,3,5-Trimethylbenzene
Concen: 0.512 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion:105 Resp: 29051

Ion	Ratio	Lower	Upper
105	100		
120	44.2	25.0	75.0



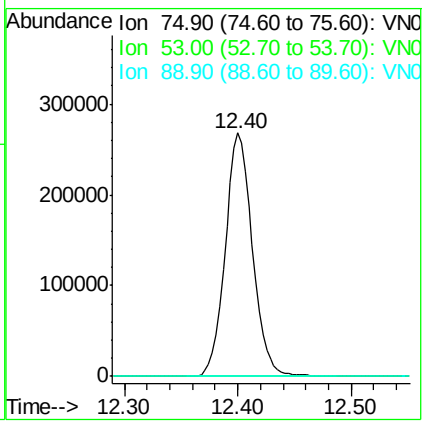


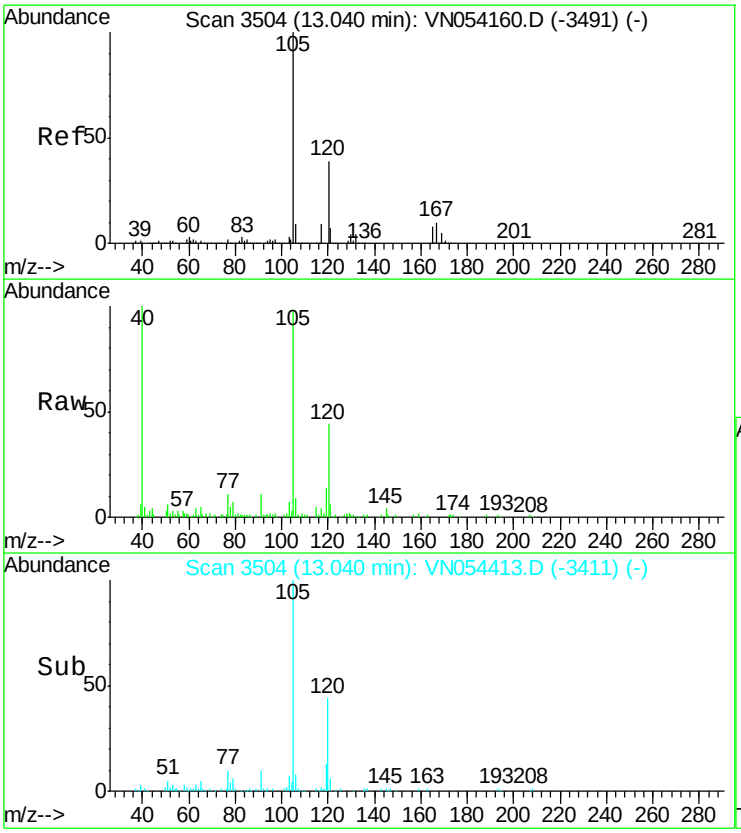
#81
trans-1,4-Dichloro-2-butene
Concen: 121.819 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion: 75 Resp: 446613

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.2	114.2#
89	0.0	39.2	58.8#

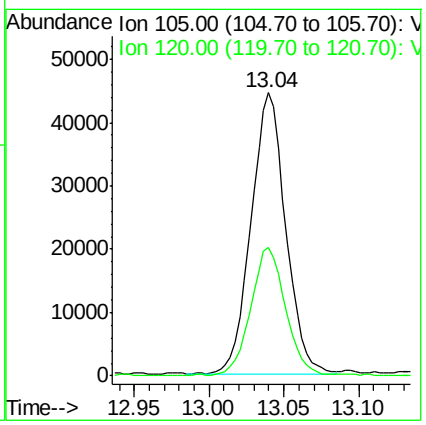


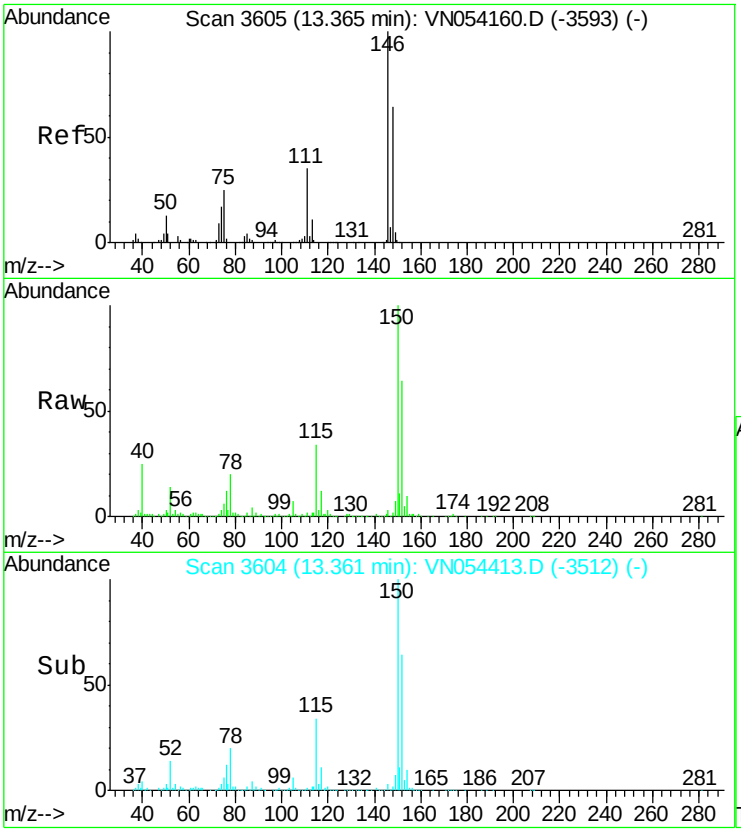


#84
1,2,4-Trimethylbenzene
Concen: 1.283 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion:105 Resp: 71403

Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.3



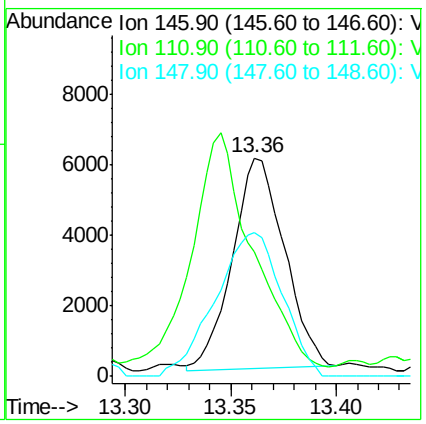


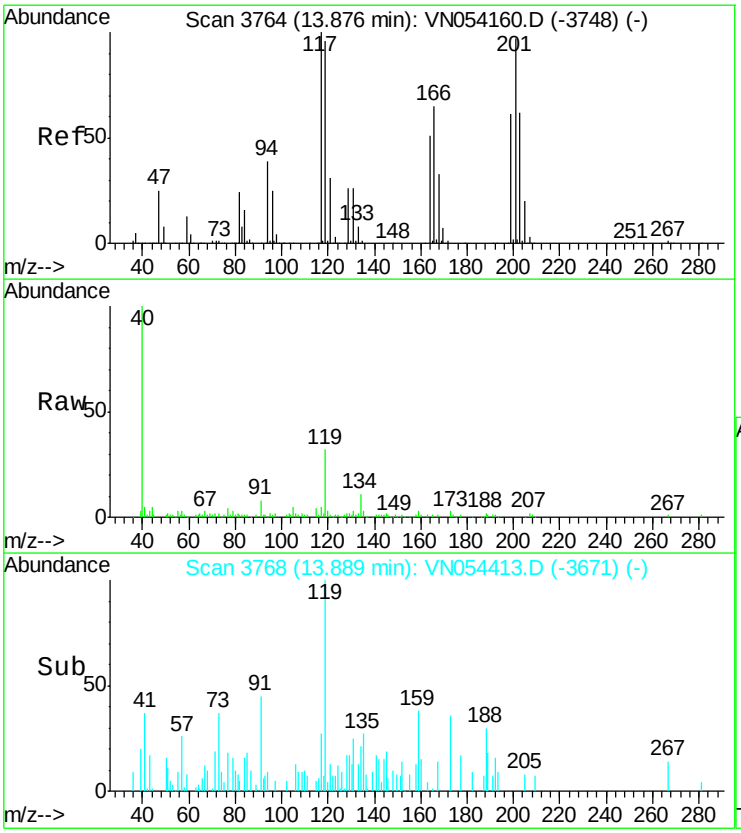
#88
1,4-Dichlorobenzene
Concen: 0.344 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion:146 Resp: 10279

Ion	Ratio	Lower	Upper
146	100		
111	128.9	18.1	54.1#
148	86.7	32.0	96.0

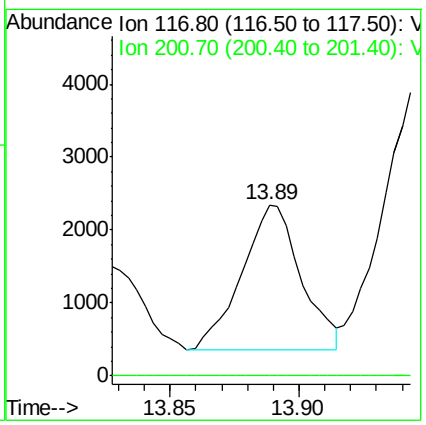


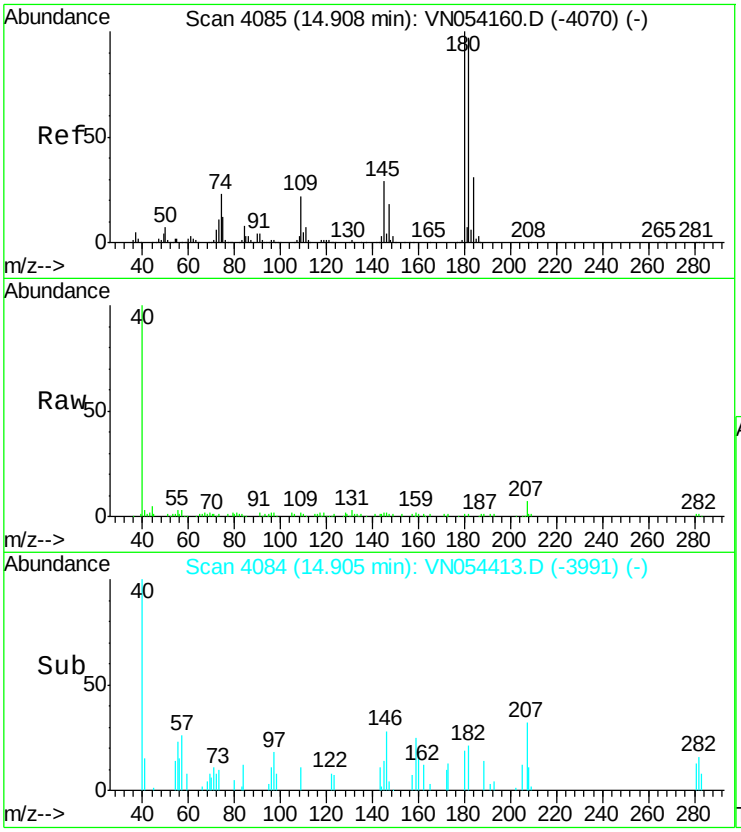


#90
Hexachloroethane
Concen: 0.325 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion:117 Resp: 3193

Ion	Ratio	Lower	Upper
117	100		
201	0.0	48.1	144.4#



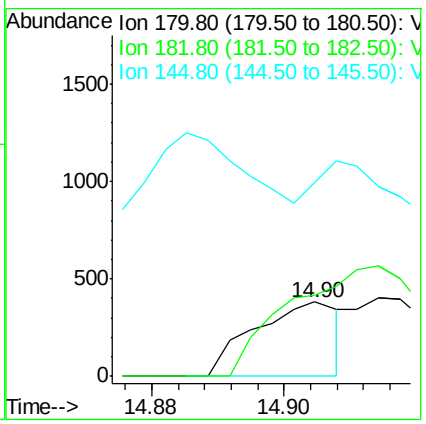


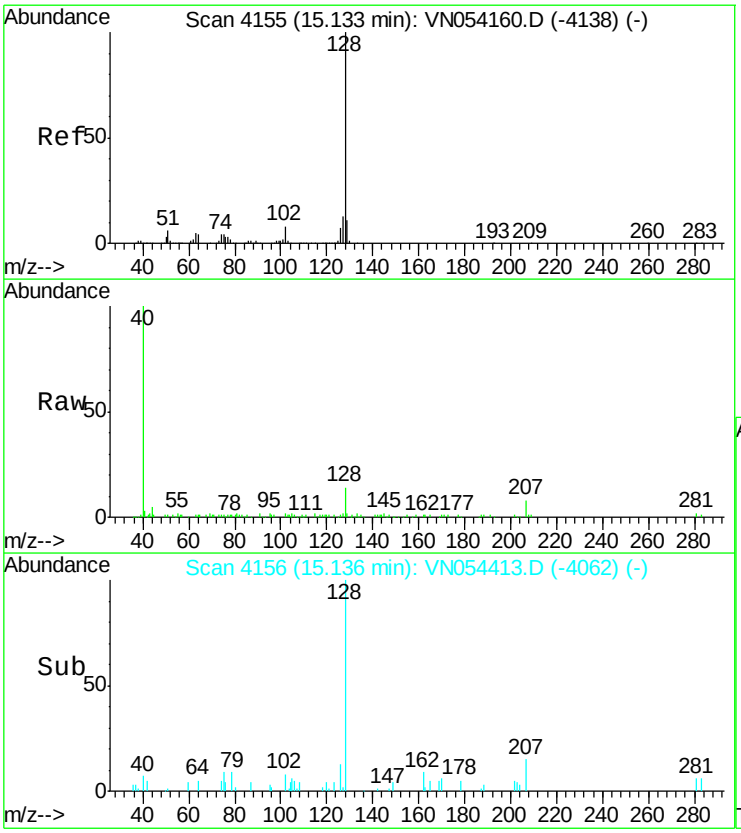
#93
1,2,4-Trichlorobenzene
Concen: 2.535 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Instrument :
MSVOA_N
ClientSampleId :
30240-41-42-43-44

Tgt Ion:180 Resp: 340

Ion	Ratio	Lower	Upper
180	100		
182	253.2	48.0	144.2#
145	0.0	14.2	42.8#





#95
Naphthalene
Concen: 3.733 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN054413.D
Acq: 19 Mar 2019 00:55

Tgt Ion:128 Resp: 10593

Ion	Ratio	Lower	Upper
128	100		
127	20.3	10.1	15.1#
129	8.8	8.7	13.1