Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
Data File : VN054323.D
Acq On : 15 Mar 2019 21:28
Operator : JC/SP
Sample : K1903-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TW-3

Quant Time: Mar 16 03:25:10 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	1184407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1969318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2108852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	932876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	634656	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.92%			
35) Dibromofluoromethane	7.59	113	617795	48.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.28%			
50) Toluene-d8	10.09	98	2490998	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.20%			
62) 4-Bromofluorobenzene	12.40	95	962300	58.63	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.26%			
Target Compounds						Qvalue
10) Methyl Iodide	3.95	142	1051	1.555	ug/l #	61
11) Tert butyl alcohol	4.82	59	461	0.535	ug/l #	70
13) Acrolein	3.62	56	267	0.327	ug/l #	14
14) Allyl chloride	4.52	41	27383	1.734	ug/l #	49
16) Acetone	3.82	43	26668	7.405	ug/l	99
17) Carbon Disulfide	4.04	76	6762	0.219	ug/l #	85
18) Methyl Acetate	4.33	43	2458	0.337	ug/l #	73
20) Methylene Chloride	4.54	84	3174	0.268	ug/l #	79
25) 2-Butanone	6.87	43	2613	0.618	ug/l	98
30) Chloroform	7.32	83	56649	2.683	ug/l #	17
31) Cyclohexane	7.65	56	474372	24.453	ug/l	98
36) 1,1-Dichloropropene	7.67	75	67406	3.717	ug/l #	57
37) Ethyl Acetate	6.87	43	2613	0.251	ug/l #	68
38) Carbon Tetrachloride	7.67	117	100326	5.275	ug/l #	16
39) Methylcyclohexane	9.08	83	574381	25.741	ug/l	98
40) Benzene	8.04	78	349319	6.731	ug/l	99
41) Methacrylonitrile	7.20	41	4464	0.750	ug/l #	26
43) Isopropyl Acetate	8.14	43	34598	1.892	ug/l #	62
45) 1,2-Dichloropropane	9.08	63	7191	0.558	ug/l #	1
47) Bromodichloromethane	9.38	83	23042	1.320	ug/l #	24
48) Methyl methacrylate	9.27	41	41413	4.461	ug/l #	48
52) Toluene	10.16	92	38607	1.173	ug/l	99
53) t-1,3-Dichloropropene	10.39	75	68	1.989	ug/l #	41
55) 1,1,2-Trichloroethane	10.53	97	97836	8.143	ug/l #	20
56) Ethyl methacrylate	10.43	69	16337	1.140	ug/l #	5
58) 2-Chloroethyl Vinyl ether	9.61	63	9932	18.318	ug/l #	44
59) 2-Hexanone	10.76	43	2744	0.426	ug/l	87
67) Ethyl Benzene	11.51	91	29870	0.389	ug/l	99
68) m/p-Xylenes	11.62	106	41941	1.398	ug/l	100
69) o-Xylene	11.95	106	10997	0.376	ug/l	98
71) Bromoform	12.40	173	5468	2.757	ug/l #	1
73) Isopropylbenzene	12.25	105	1149352	15.399	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.52	83	4327	0.272	ug/l #	29
76) 1,2,3-Trichloropropane	12.59	75	17054	1.243	ug/l #	100

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
Data File : VN054323.D
Acq On : 15 Mar 2019 21:28
Operator : JC/SP
Sample : K1903-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TW-3

Quant Time: Mar 16 03:25:10 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)
78) n-propylbenzene	12.59	91	2777404	34.295	ug/l		100
79) 2-Chlorotoluene	12.59	91	2777404	57.038	ug/l	#	38
80) 1,3,5-Trimethylbenzene	12.89	105	311433	5.017	ug/l		73
81) trans-1,4-Dichloro-2-buten	12.40	75	452800	112.832	ug/l	#	11
82) 4-Chlorotoluene	12.59	91	2777404	57.122	ug/l	#	39
84) 1,2,4-Trimethylbenzene	13.04	105	13036	0.214	ug/l		95
85) sec-Butylbenzene	13.17	105	179015	2.416	ug/l	#	57
86) p-Isopropyltoluene	13.23	119	19769	0.304	ug/l	#	50
89) n-Butylbenzene	13.62	91	209117	4.233	ug/l		88
90) Hexachloroethane	13.95	117	509638	47.342	ug/l	#	2
92) 1,2-Dibromo-3-Chloropropan	14.21	75	8511	3.459	ug/l	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	2837	2.654	ug/l	#	74
95) Naphthalene	15.13	128	27160	4.087	ug/l	#	94

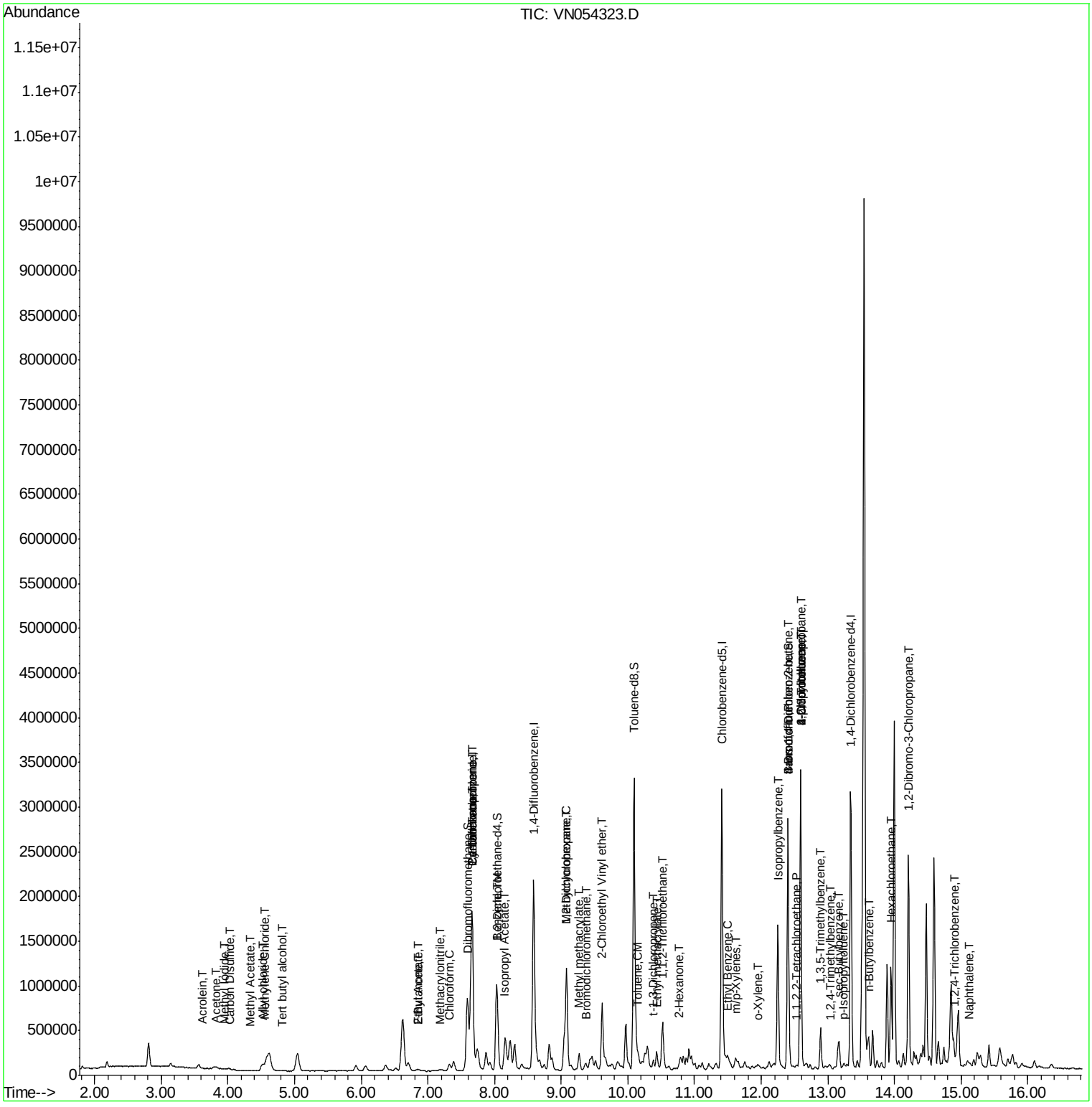
(#) = qualifier out of range (m) = manual integration (+) = signals summed

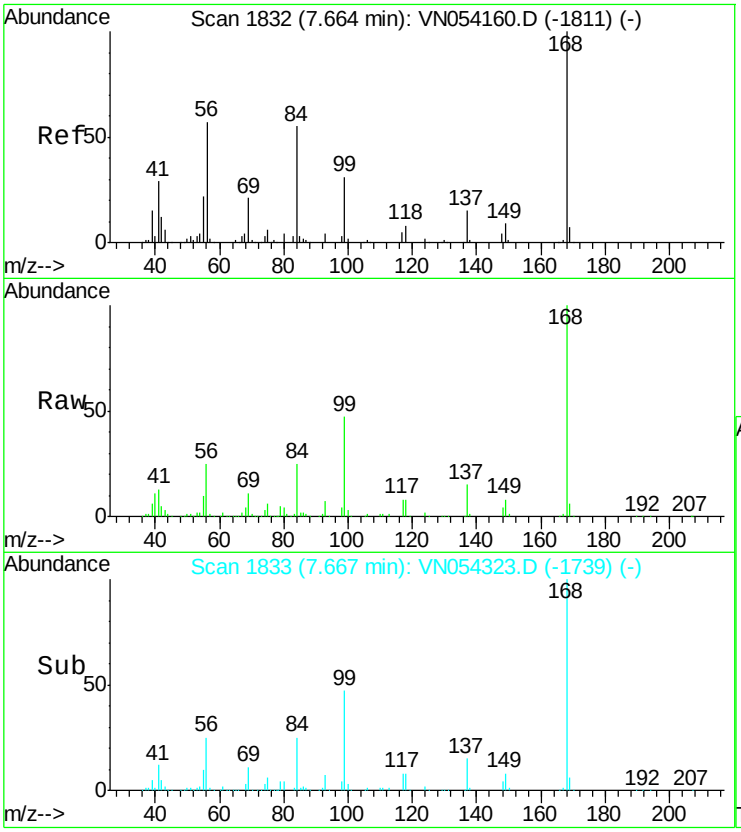
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031519\
Data File : VN054323.D
Acq On : 15 Mar 2019 21:28
Operator : JC/SP
Sample : K1903-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TW-3

Quant Time: Mar 16 03:25:10 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



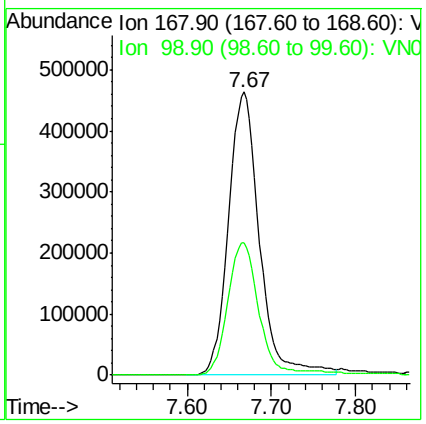


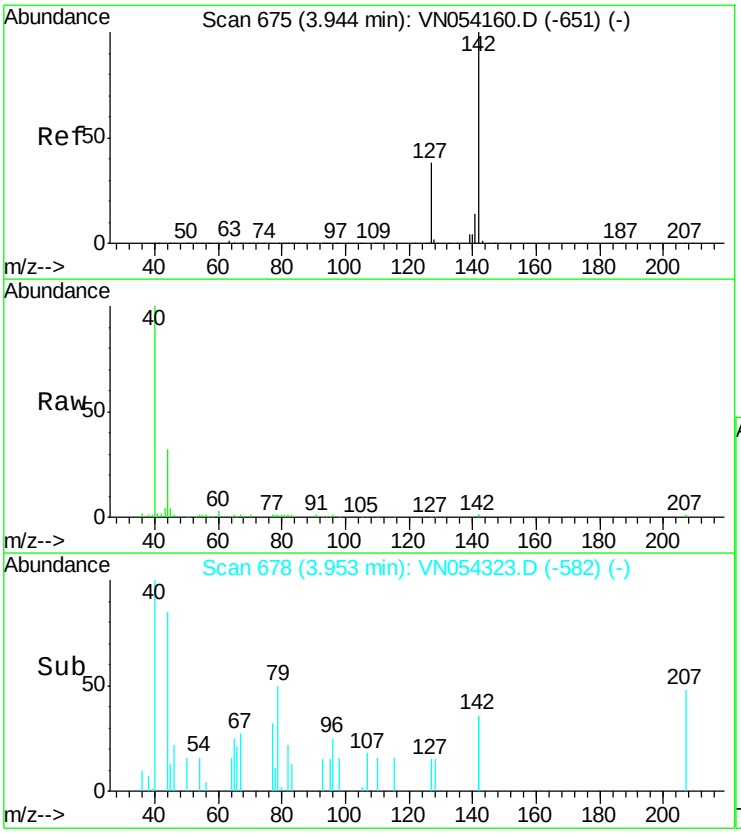
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion:168 Resp: 1184407

Ion	Ratio	Lower	Upper
168	100		
99	46.6	37.1	55.7

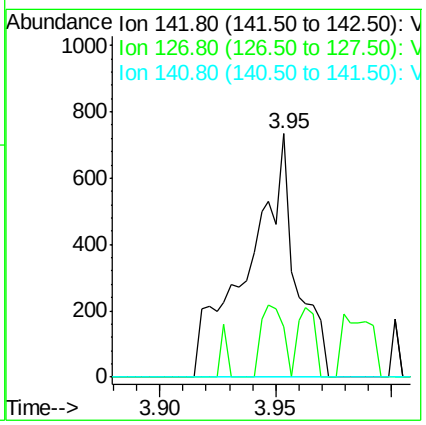


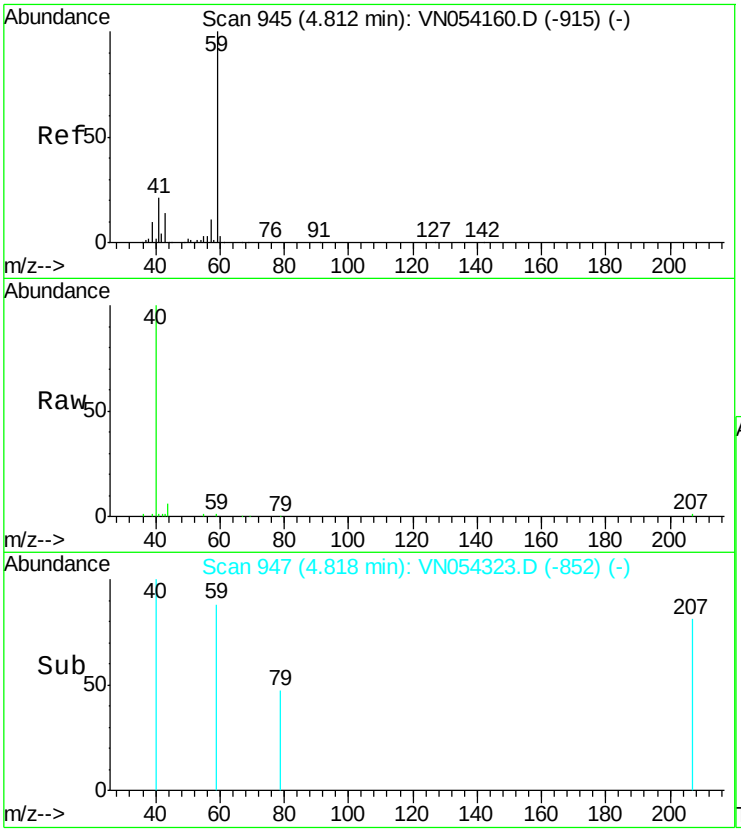


#10
Methyl Iodide
Concen: 1.555 ug/l
RT: 3.95 min Scan# 678
Delta R.T. 0.01 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion:142 Resp: 1051

Ion	Ratio	Lower	Upper
142	100		
127	13.7	30.3	45.5#
141	0.0	11.2	16.8#



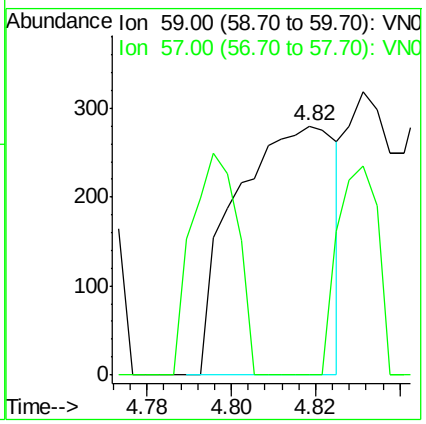


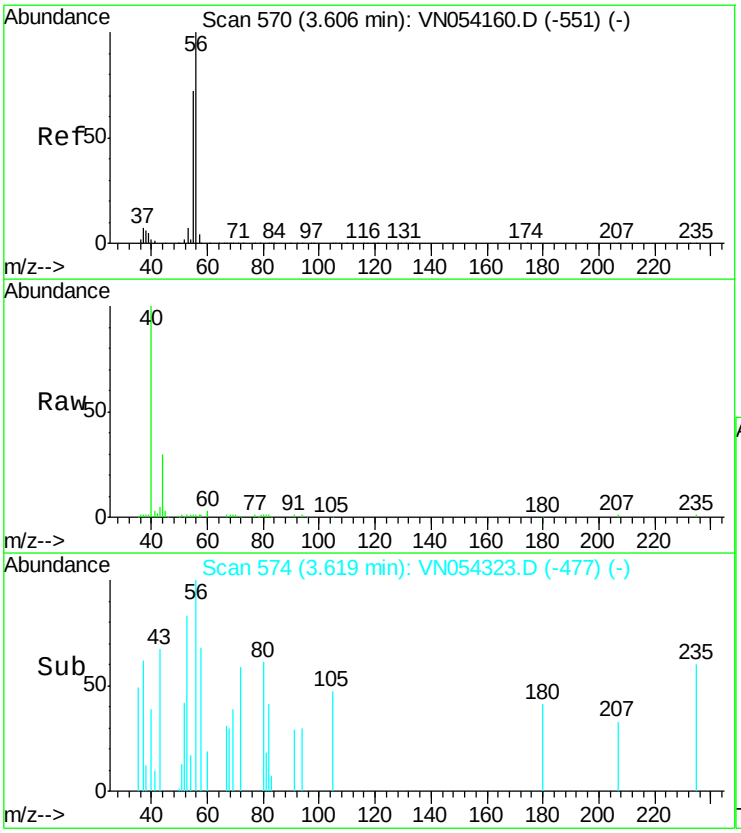
#11
Tert butyl alcohol
Concen: 0.535 ug/l
RT: 4.82 min Scan# 947
Delta R.T. 0.01 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 59 Resp: 461

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.6#

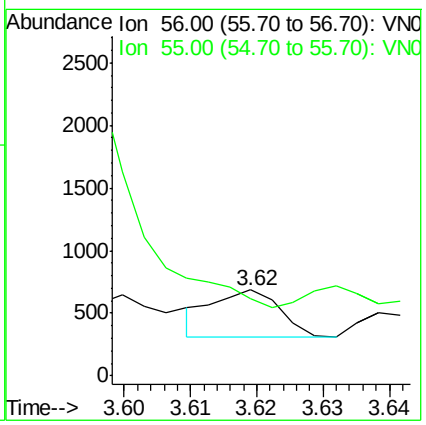


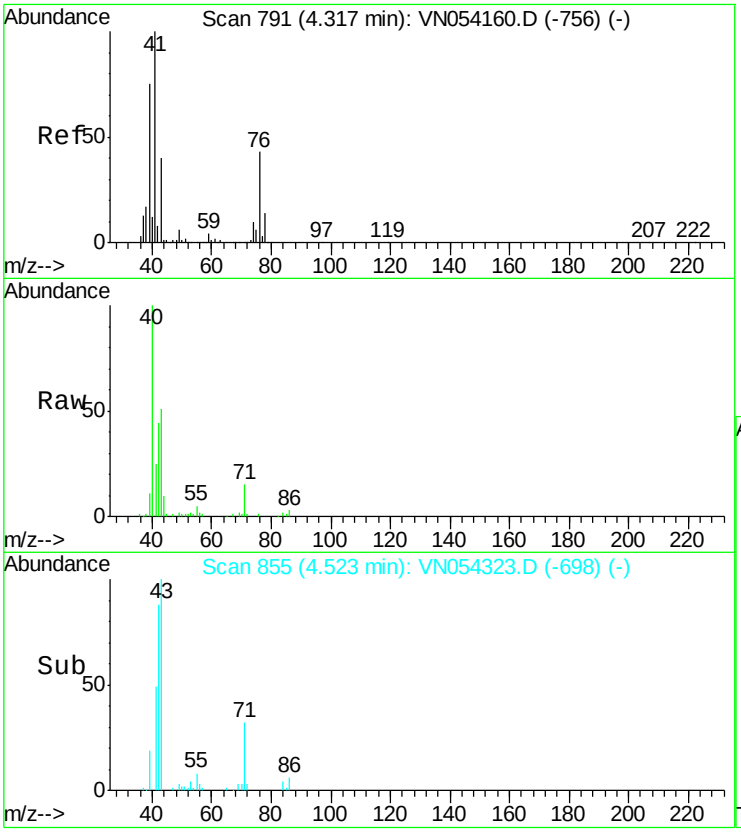


#13
Acrolein
Concen: 0.327 ug/l
RT: 3.62 min Scan# 574
Delta R.T. 0.01 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 56 Resp: 267

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#



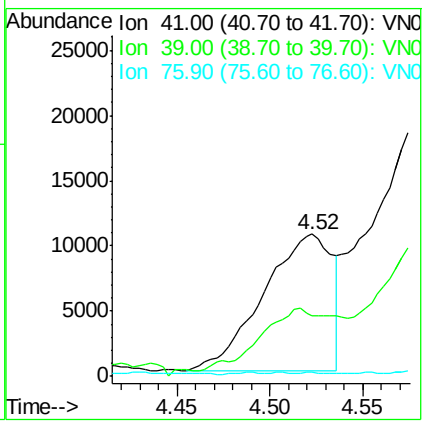


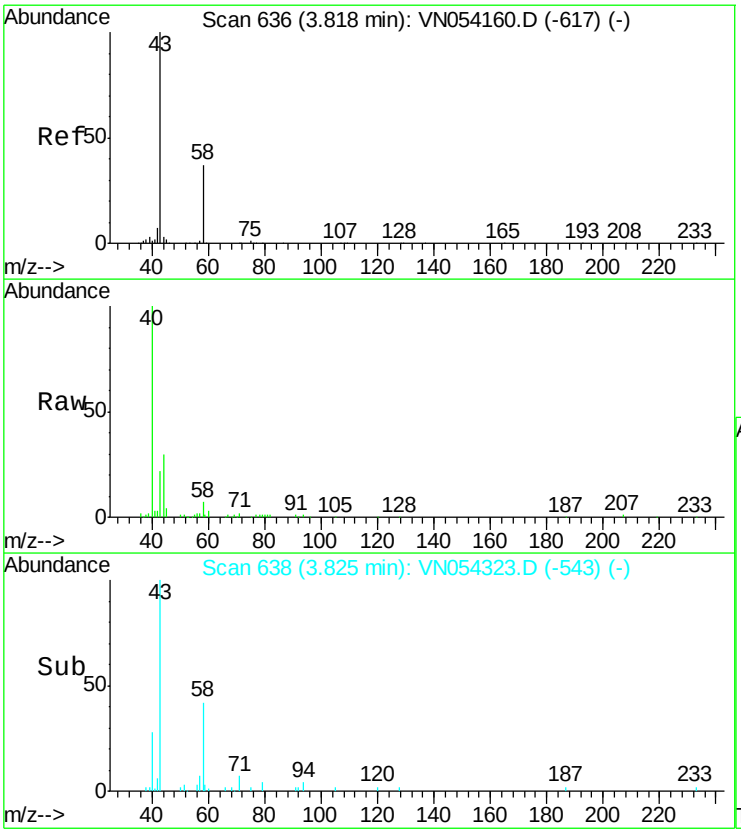
#14
Allyl chloride
Concen: 1.734 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.21 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 41 Resp: 27383

Ion	Ratio	Lower	Upper
41	100		
39	36.0	58.2	87.4#
76	0.0	31.7	47.5#

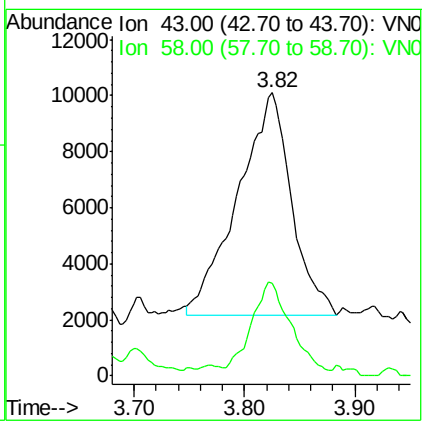


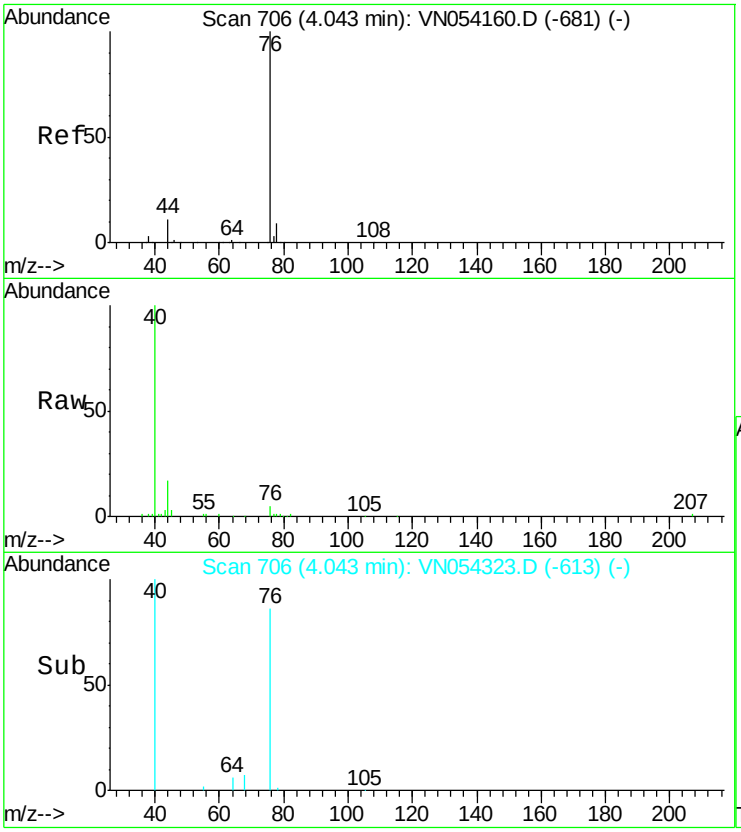


#16
Acetone
Concen: 7.405 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 43 Resp: 26668

Ion	Ratio	Lower	Upper
43	100		
58	38.2	29.9	44.9



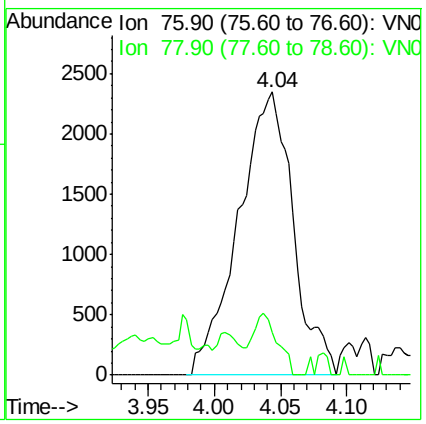


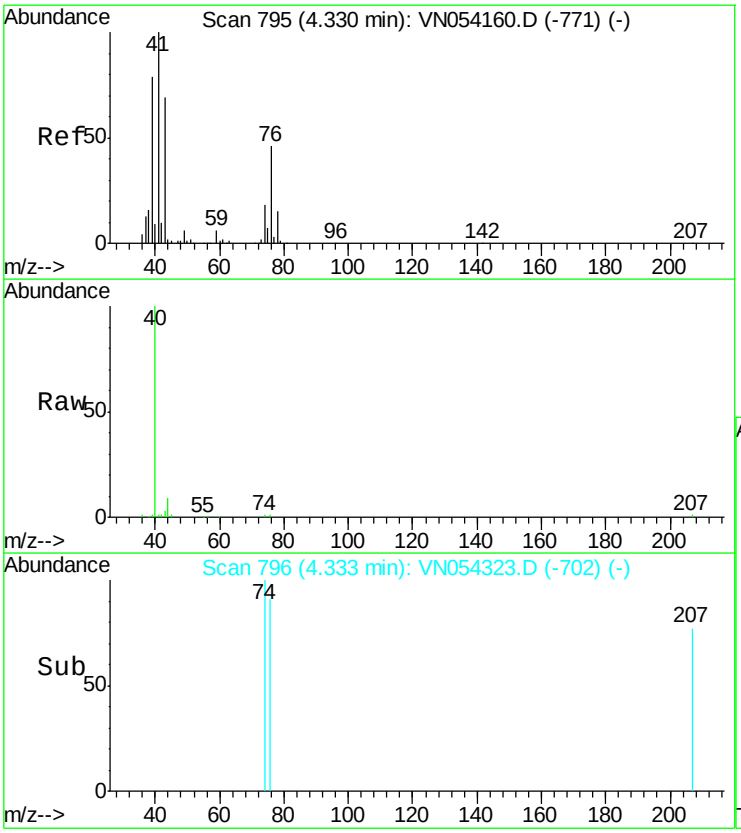
#17
Carbon Disulfide
Concen: 0.219 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion: 76 Resp: 6762

Ion	Ratio	Lower	Upper
76	100		
78	15.0	7.5	11.3#

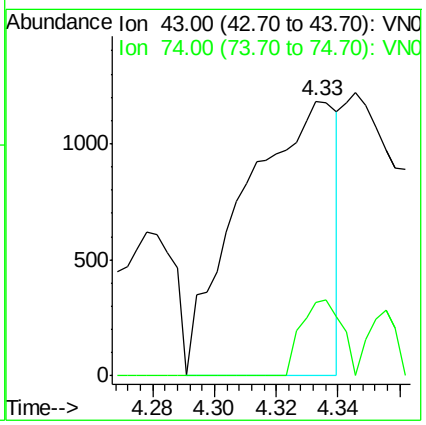


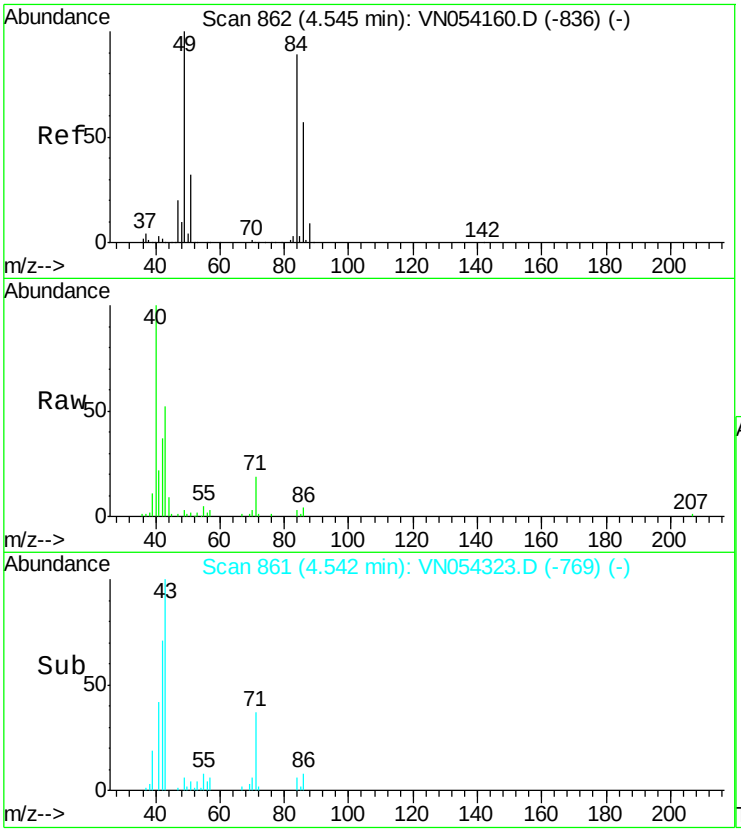


#18
Methyl Acetate
Concen: 0.337 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 43 Resp: 2458

Ion	Ratio	Lower	Upper
43	100		
74	12.0	20.8	31.2#



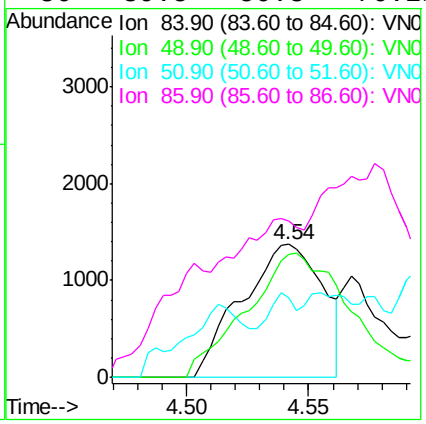


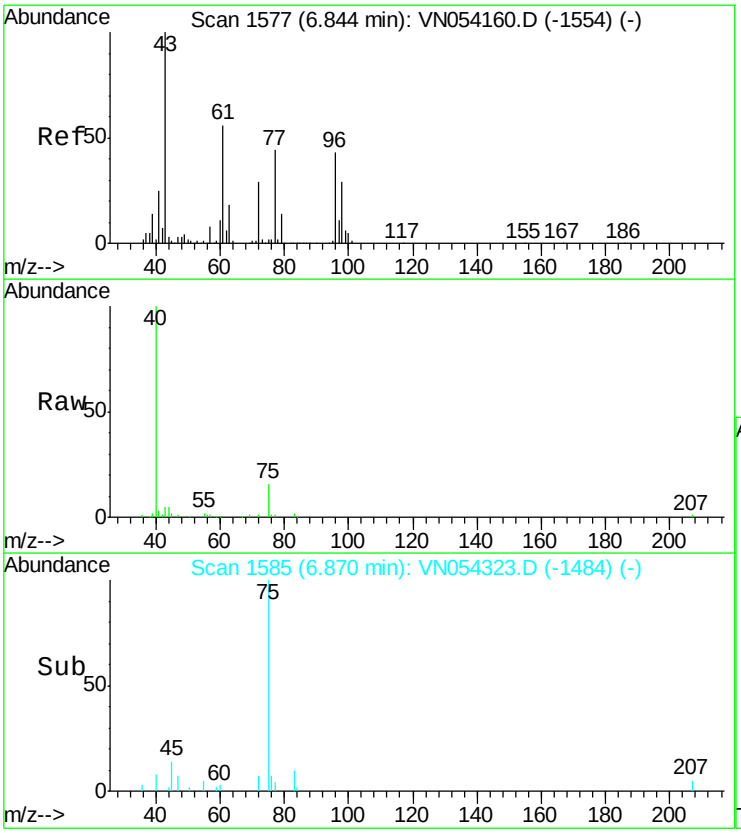
#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 84 Resp: 3174

Ion	Ratio	Lower	Upper
84	100		
49	92.4	89.7	134.5
51	29.8	28.2	42.4
86	39.5	50.8	76.2#

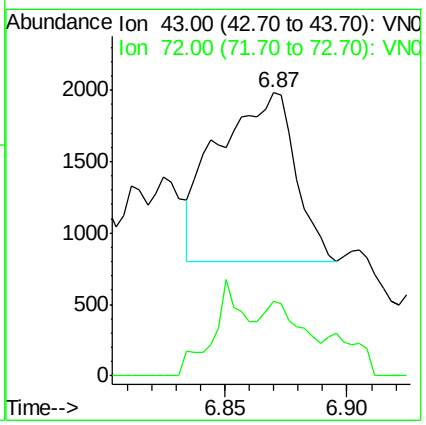


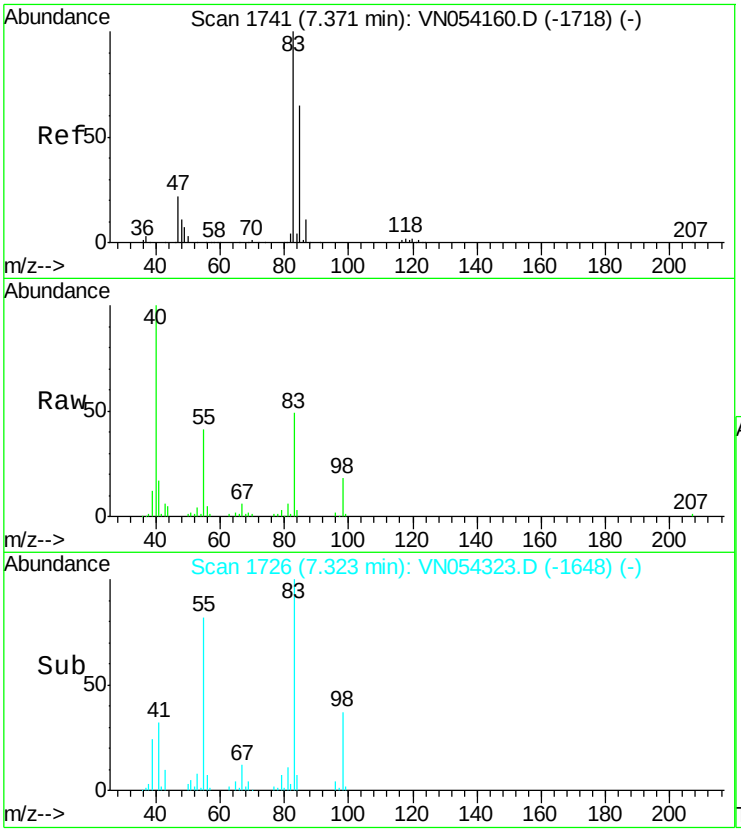


#25
2-Butanone
Concen: 0.618 ug/l
RT: 6.87 min Scan# 1585
Delta R.T. 0.03 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 43 Resp: 2613

Ion	Ratio	Lower	Upper
43	100		
72	29.8	23.0	34.6



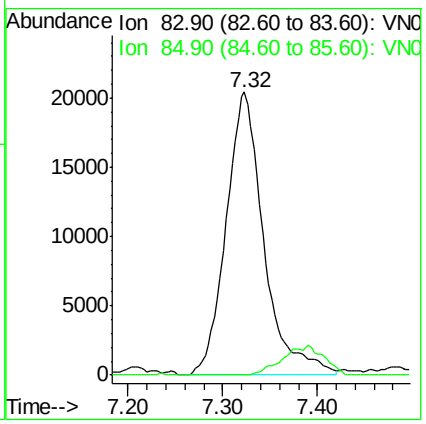


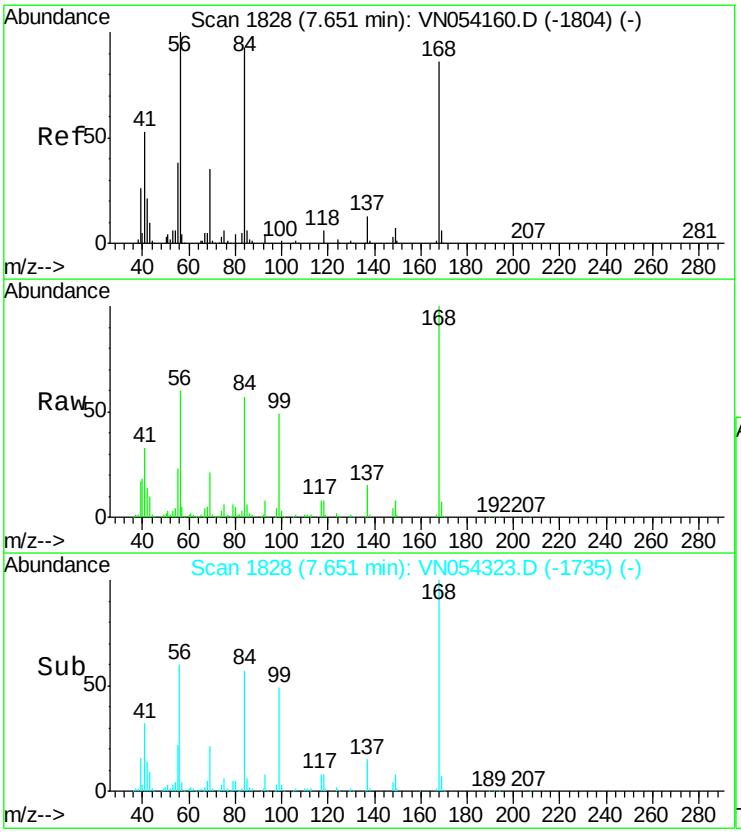
#30
Chloroform
Concen: 2.683 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.05 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 83 Resp: 56649

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.2	78.4#

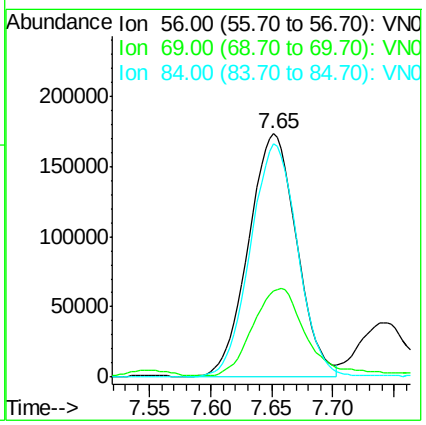


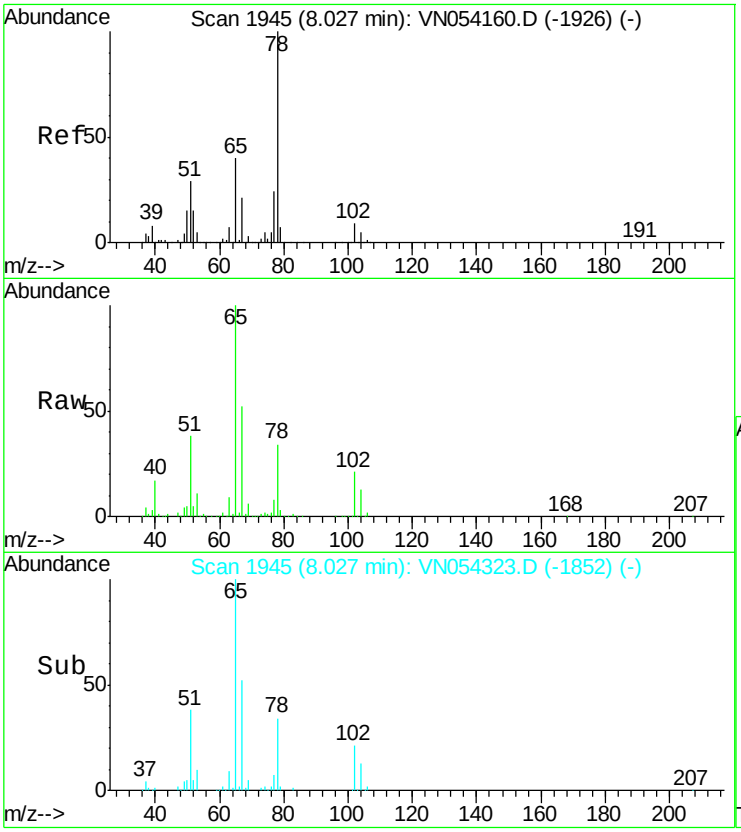


#31
Cyclohexane
Concen: 24.453 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 56 Resp: 474372

Ion	Ratio	Lower	Upper
56	100		
69	34.8	27.8	41.6
84	95.9	74.6	111.8



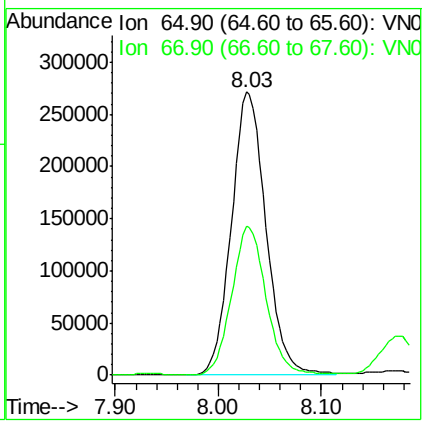


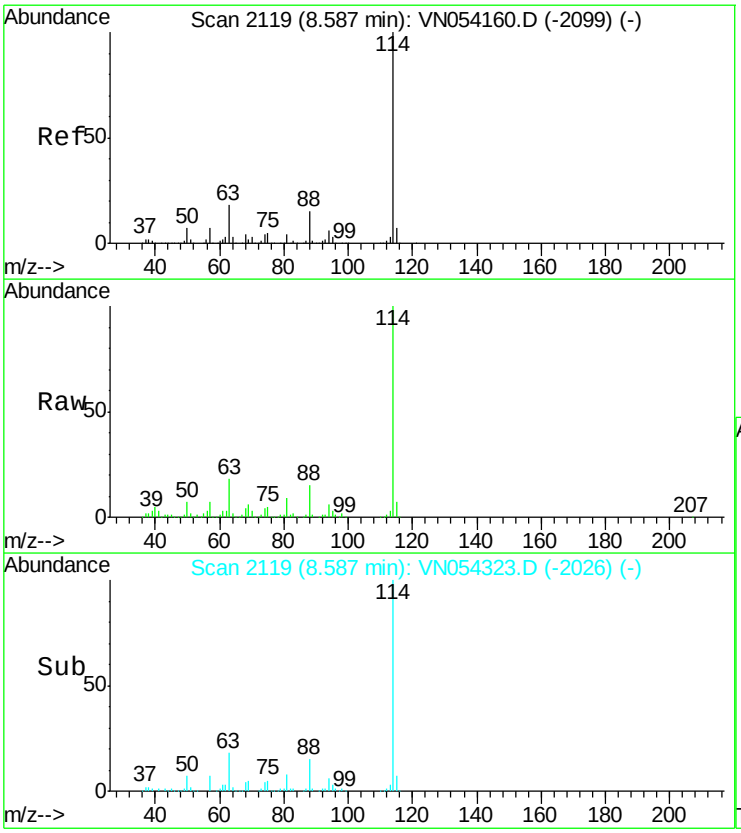
#33
1,2-Dichloroethane-d4
Concen: 50.456 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion: 65 Resp: 634656

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.6

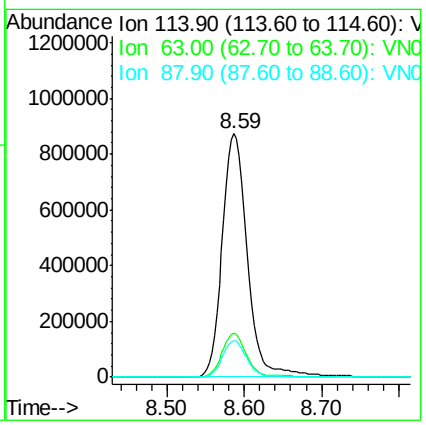


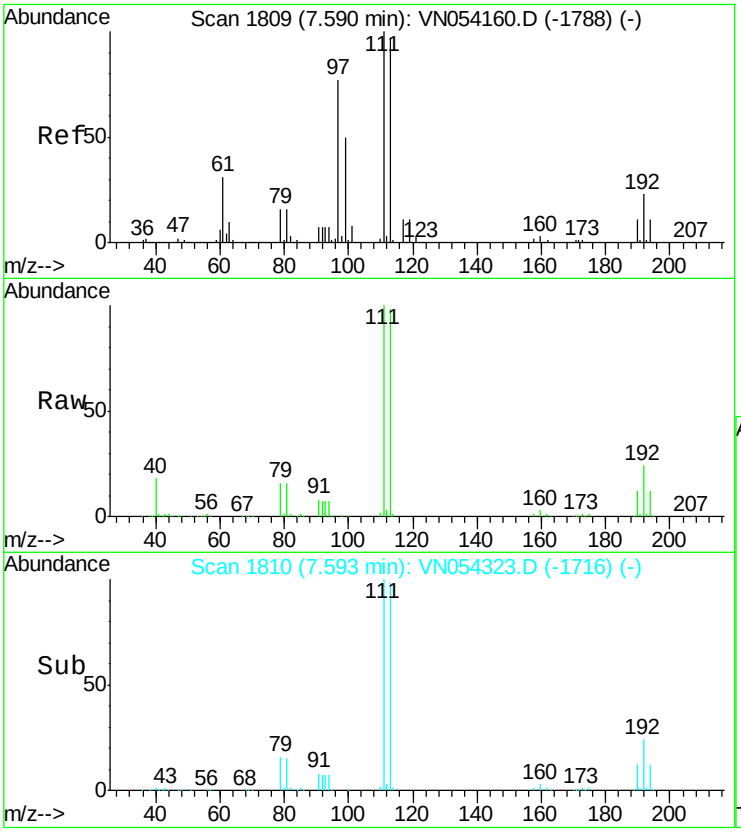


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion:114 Resp: 1969318

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.2
88	15.0	0.0	30.2



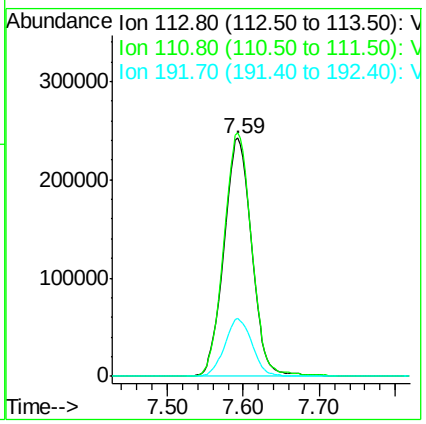


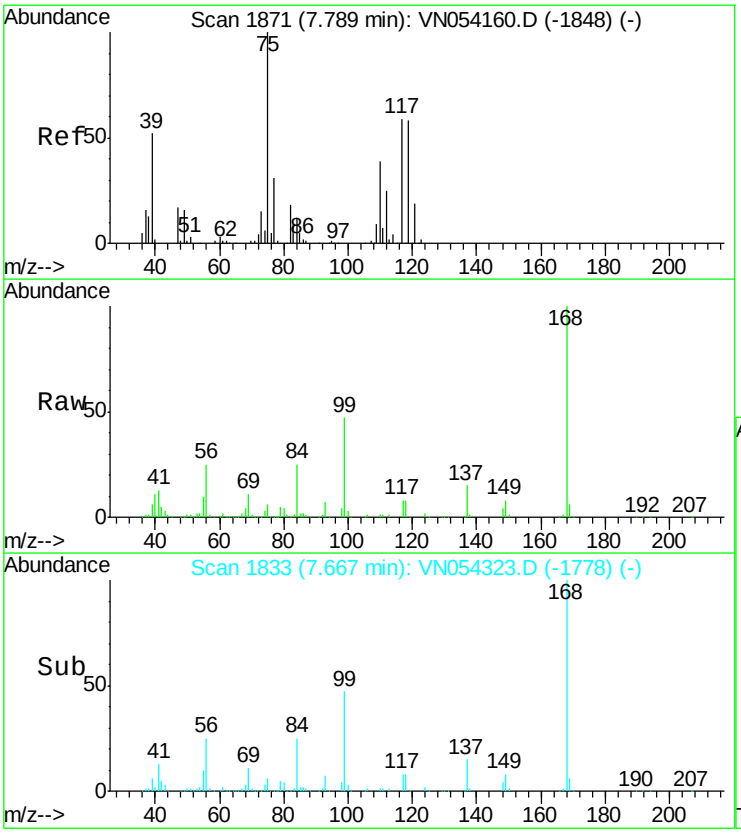
#35
Dibromofluoromethane
Concen: 48.640 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion:113 Resp: 617795

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	23.9	19.2	28.8

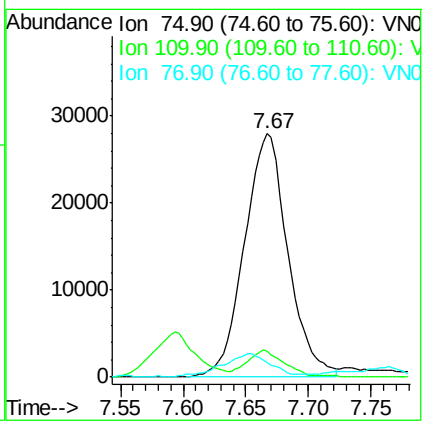


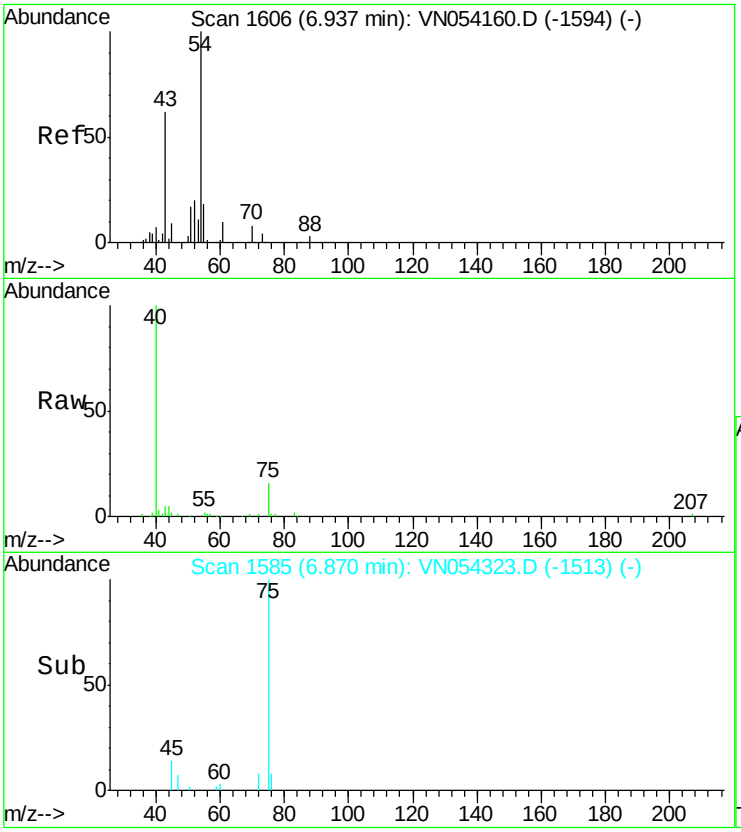


#36
1,1-Dichloropropene
Concen: 3.717 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.12 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 75 Resp: 67406

Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.1	57.5#
77	10.8	25.0	37.4#



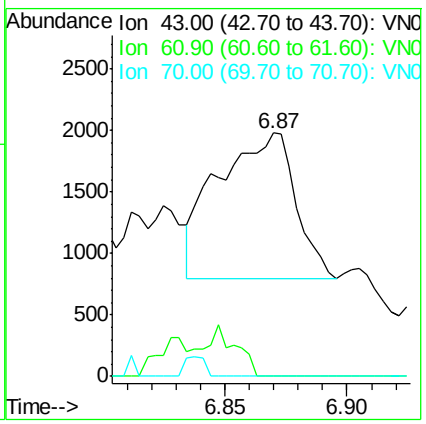


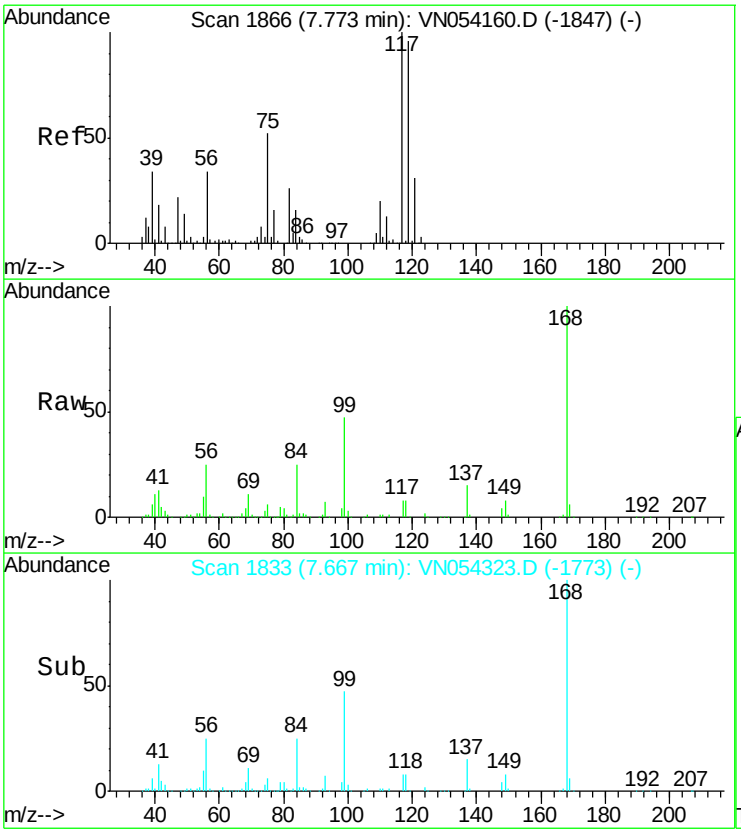
#37
Ethyl Acetate
Concen: 0.251 ug/l
RT: 6.87 min Scan# 1585
Delta R.T. -0.07 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 43 Resp: 2613

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.8	17.6#
70	0.0	8.4	12.6#

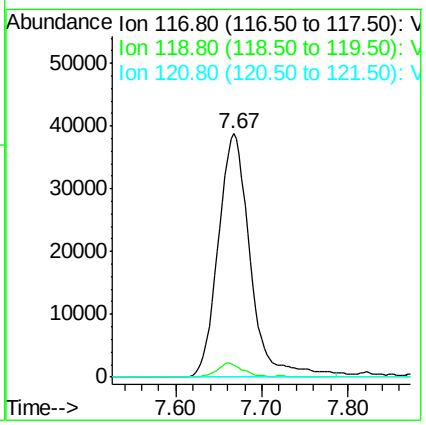


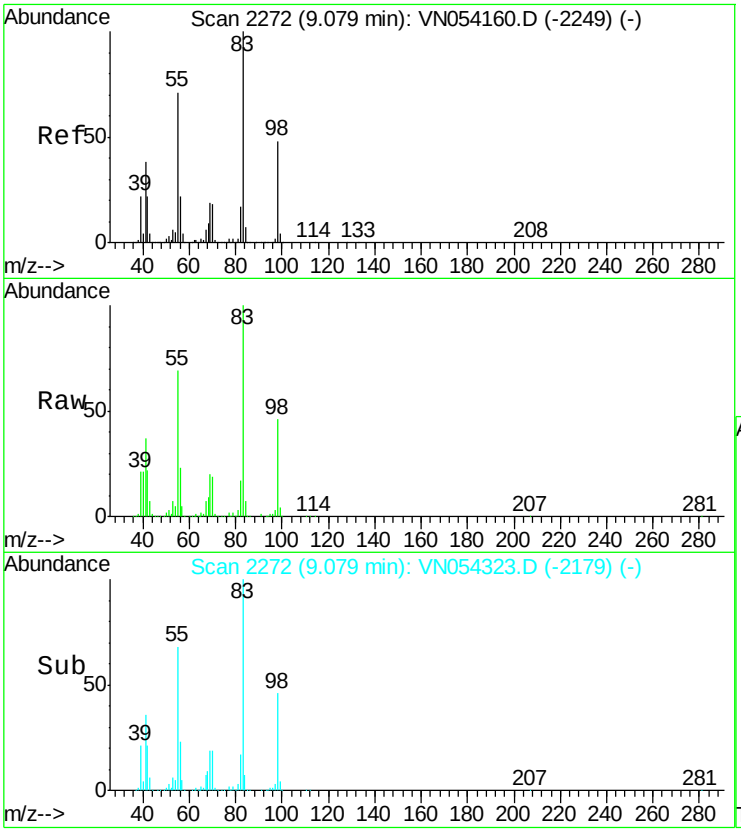


#38
Carbon Tetrachloride
Concen: 5.275 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion:117 Resp: 100326

Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.3	114.5#
121	0.0	24.6	36.8#



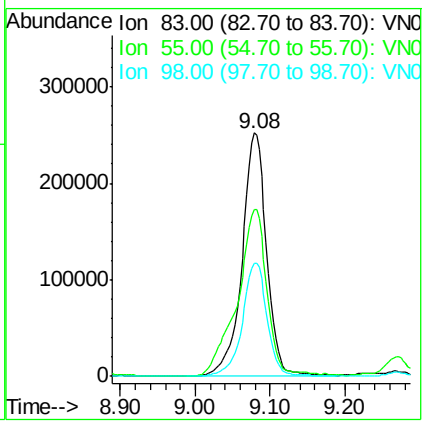


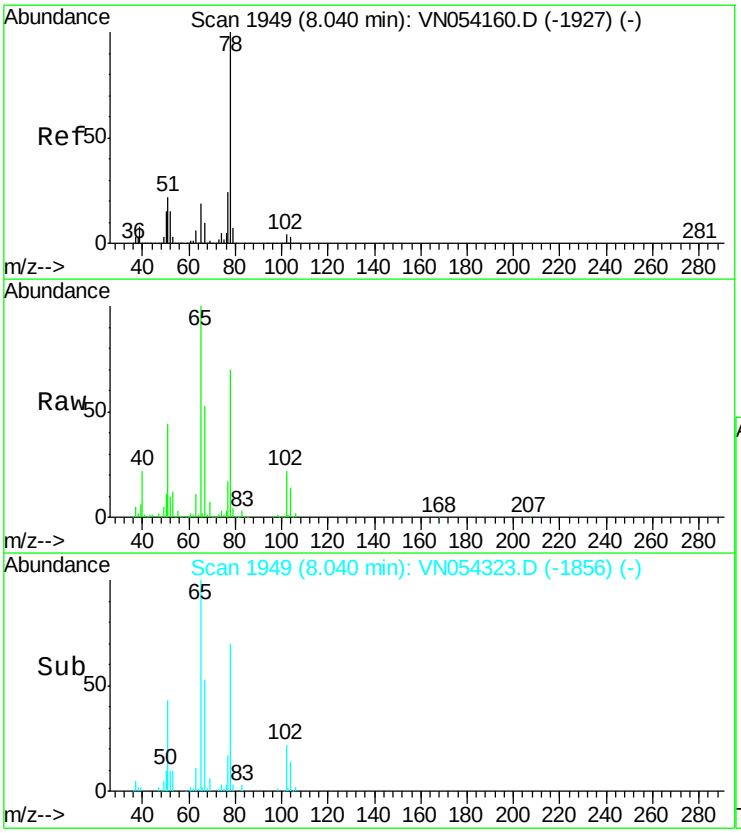
#39
Methylcyclohexane
Concen: 25.741 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 83 Resp: 574381

Ion	Ratio	Lower	Upper
83	100		
55	68.6	56.6	84.8
98	46.5	38.4	57.6

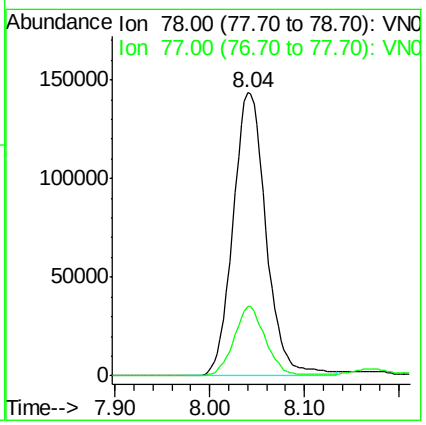


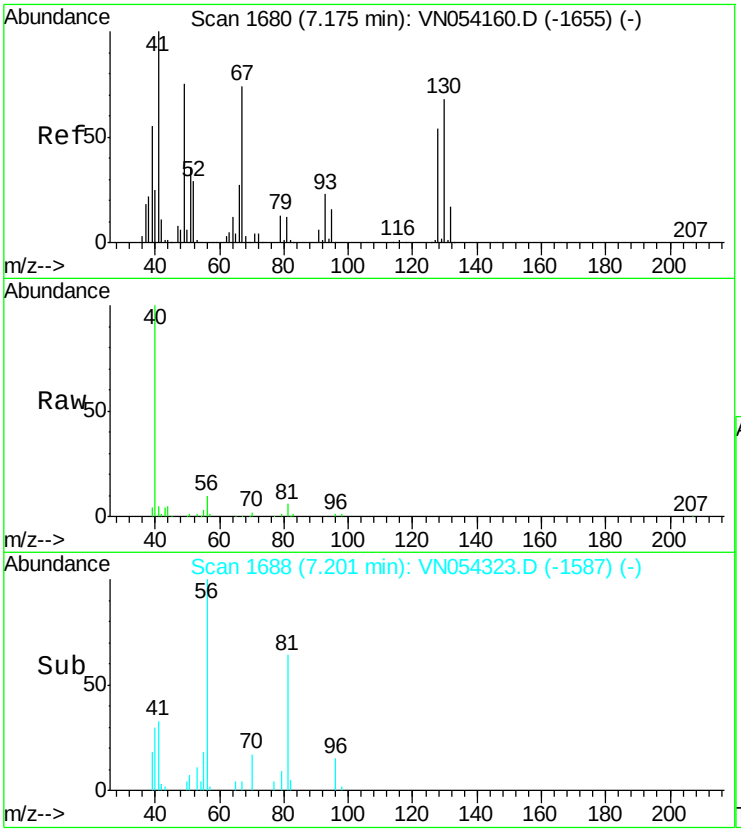


#40
Benzene
Concen: 6.731 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 78 Resp: 349319

Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.1	28.7



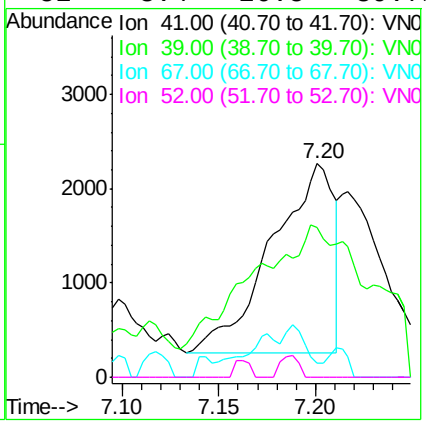


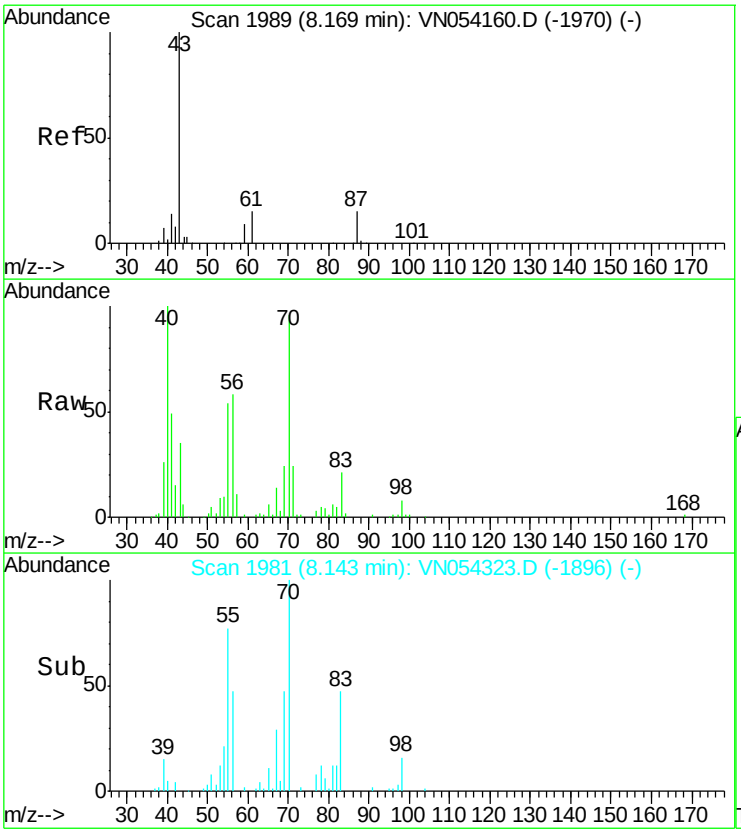
#41
Methacrylonitrile
Concen: 0.750 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.03 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 41 Resp: 4464

Ion	Ratio	Lower	Upper
41	100		
39	102.0	46.8	70.2#
67	0.0	67.0	100.4#
52	3.4	26.5	39.7#

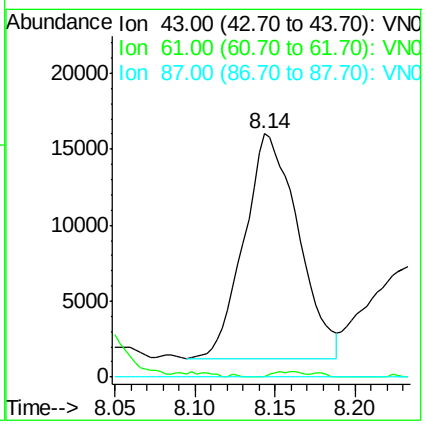


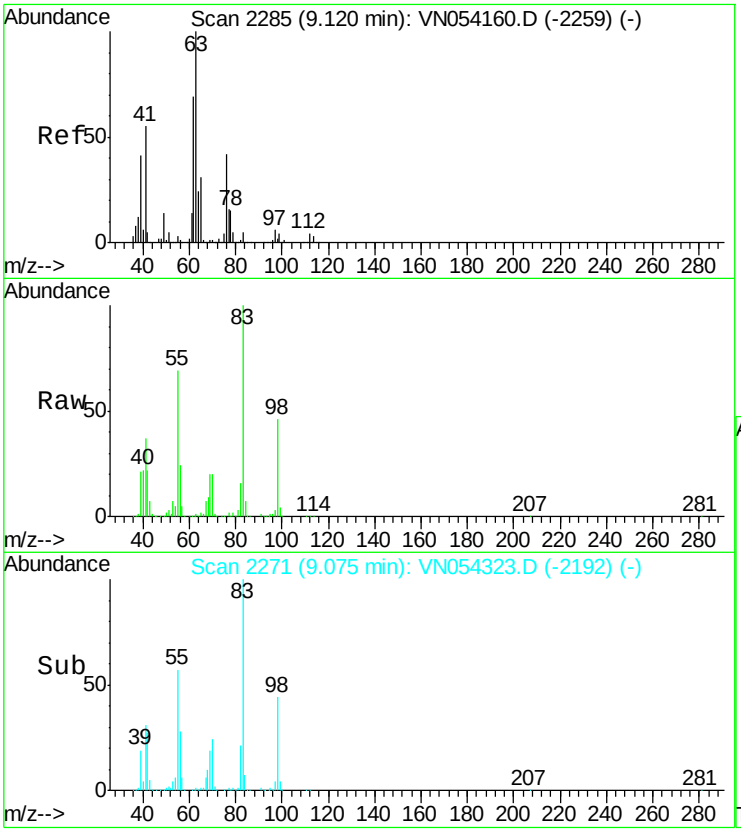


#43
Isopropyl Acetate
Concen: 1.892 ug/l
RT: 8.14 min Scan# 1981
Delta R.T. -0.03 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 43 Resp: 34598

Ion	Ratio	Lower	Upper
43	100		
61	1.5	15.8	23.8#
87	0.0	12.0	18.0#



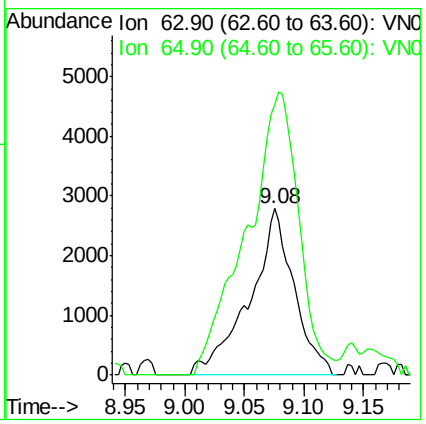


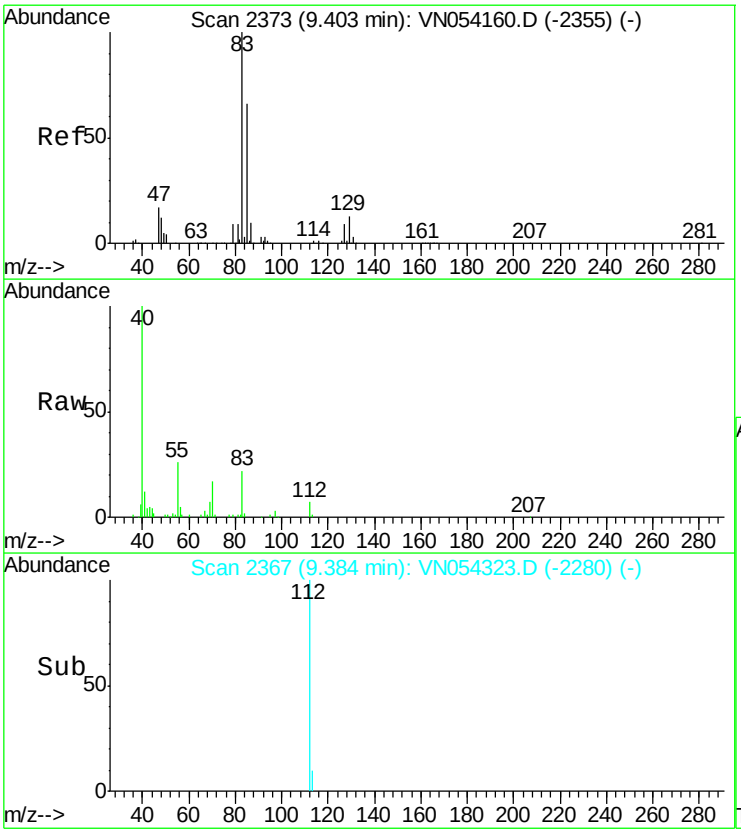
#45
1,2-Dichloropropane
Concen: 0.558 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.04 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 63 Resp: 7191

Ion	Ratio	Lower	Upper
63	100		
65	162.1	25.0	37.6#

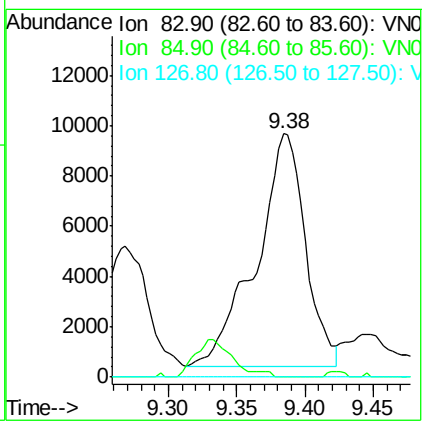


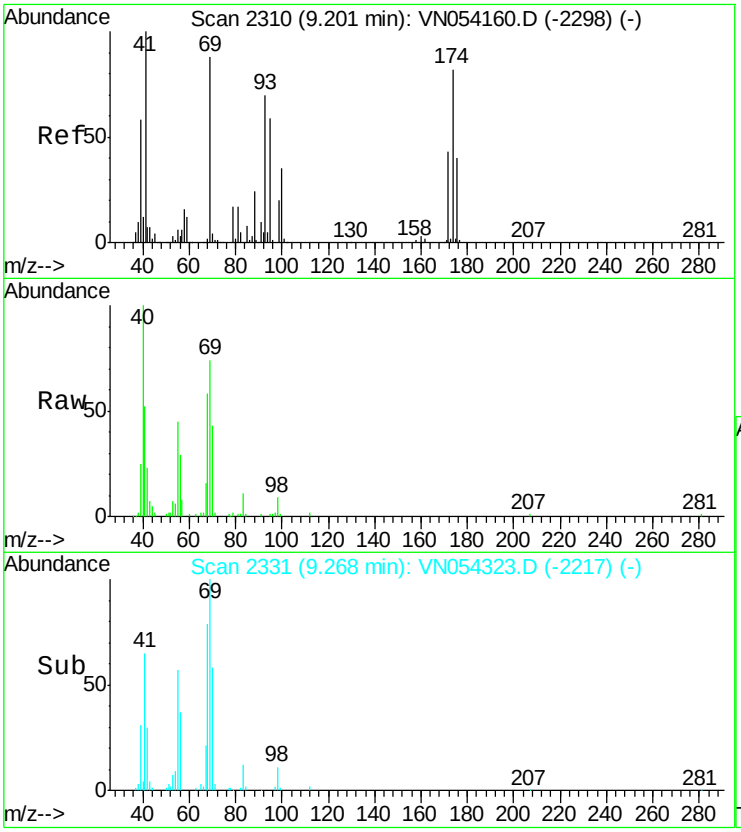


#47
Bromodichloromethane
Concen: 1.320 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.02 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 83 Resp: 23042

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.8	79.2#
127	0.0	7.4	11.2#



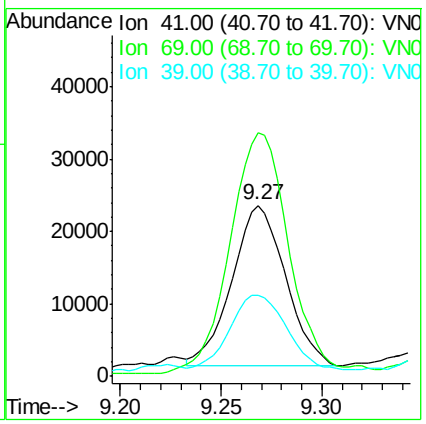


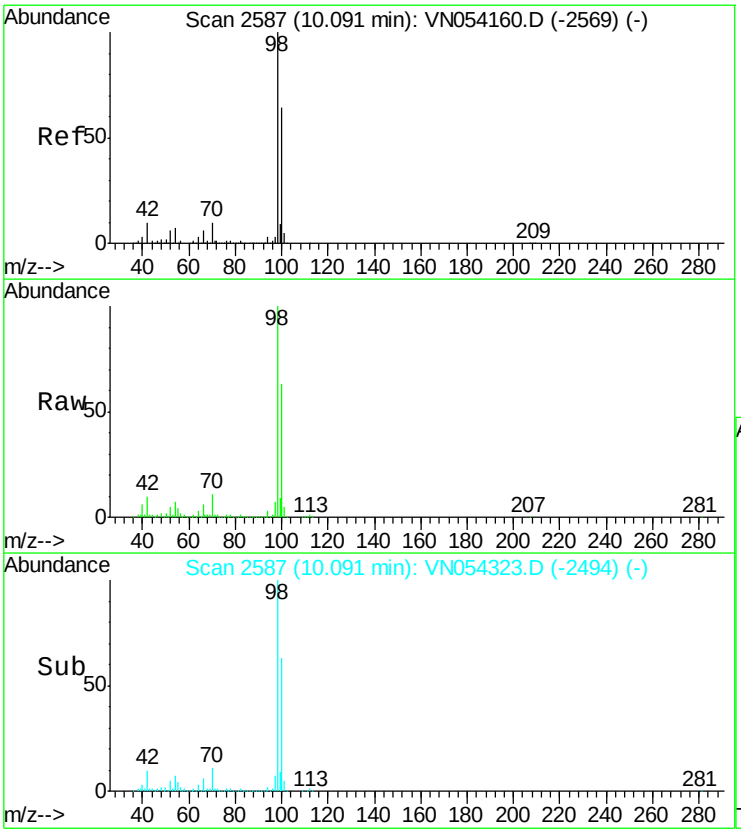
#48
Methyl methacrylate
Concen: 4.461 ug/l
RT: 9.27 min Scan# 2331
Delta R.T. 0.07 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 41 Resp: 41413

Ion	Ratio	Lower	Upper
41	100		
69	161.8	72.6	108.8#
39	47.7	47.5	71.3

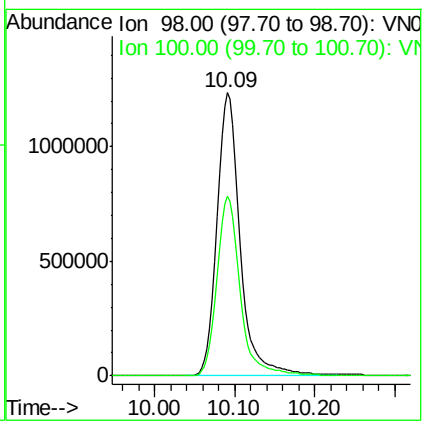


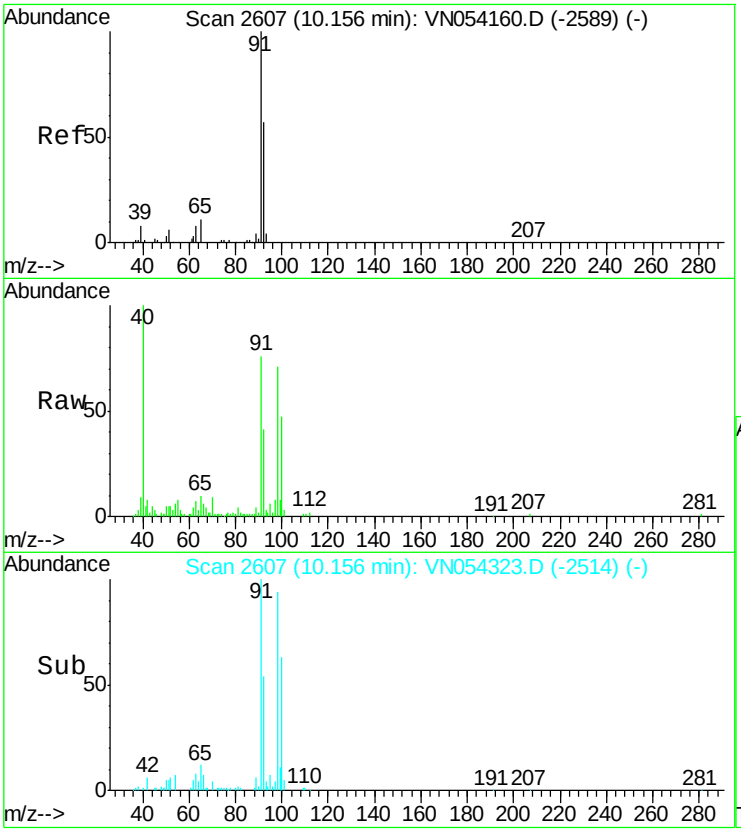


#50
Toluene-d8
Concen: 53.104 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 98 Resp: 2490998

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



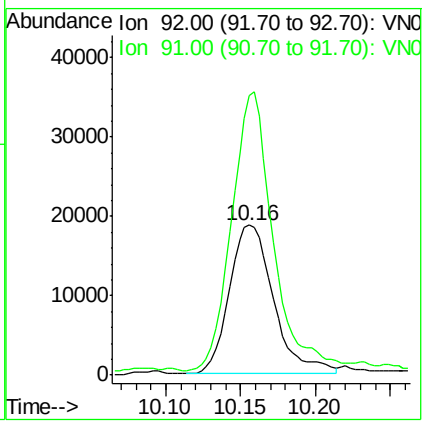


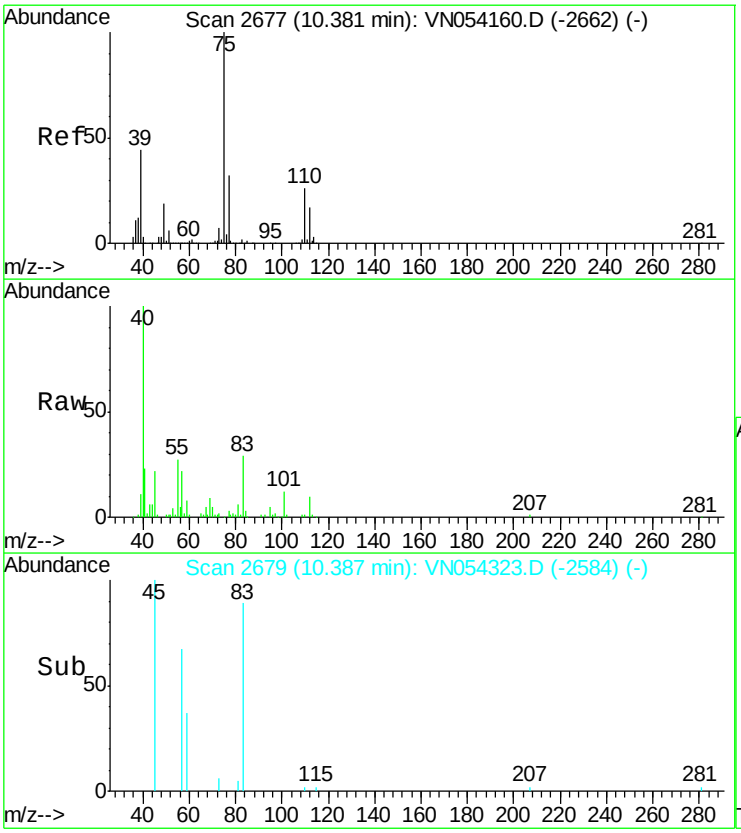
#52
Toluene
Concen: 1.173 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion: 92 Resp: 38607

Ion	Ratio	Lower	Upper
92	100		
91	174.4	140.7	211.1

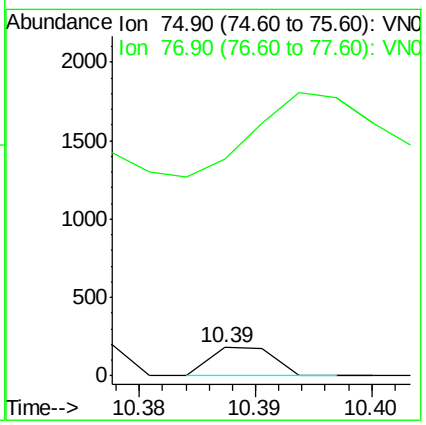


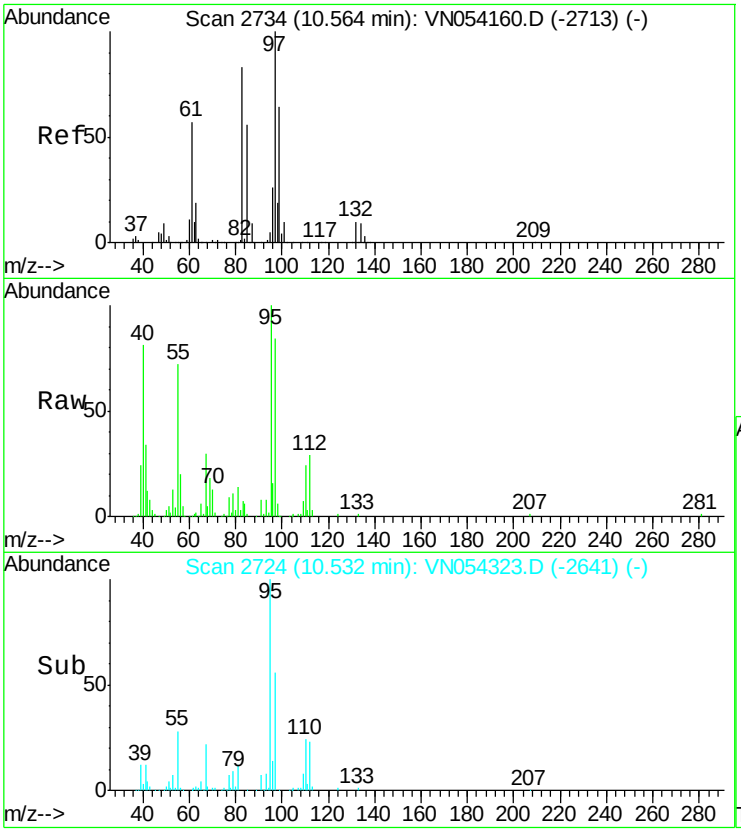


#53
t-1,3-Dichloropropene
Concen: 1.989 ug/l
RT: 10.39 min Scan# 2679
Delta R.T. 0.01 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 75 Resp: 68

Ion	Ratio	Lower	Upper
75	100		
77	65.4	25.8	38.8#



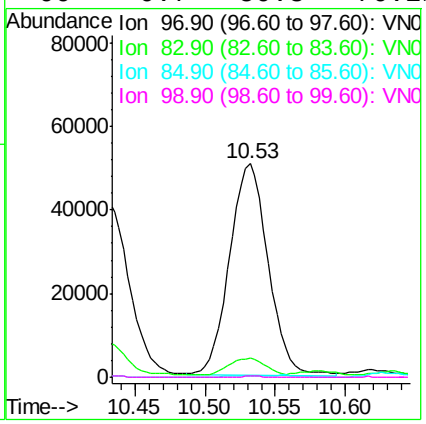


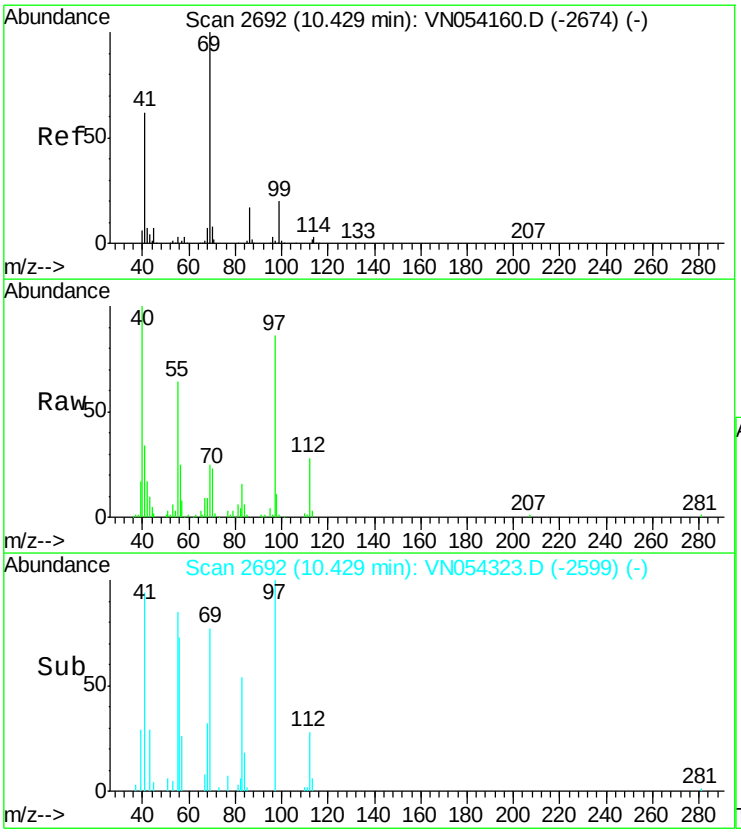
#55
1,1,2-Trichloroethane
Concen: 8.143 ug/l
RT: 10.53 min Scan# 2724
Delta R.T. -0.03 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 97 Resp: 97836

Ion	Ratio	Lower	Upper
97	100		
83	7.7	66.6	100.0#
85	0.9	44.4	66.6#
99	0.7	50.8	76.2#

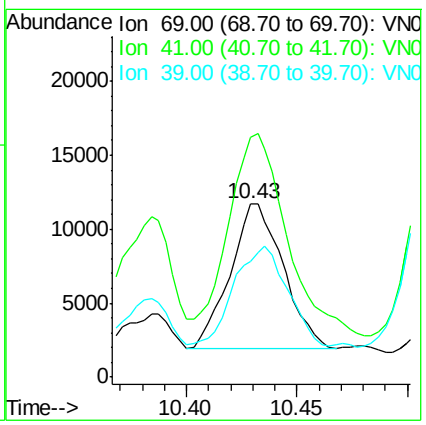


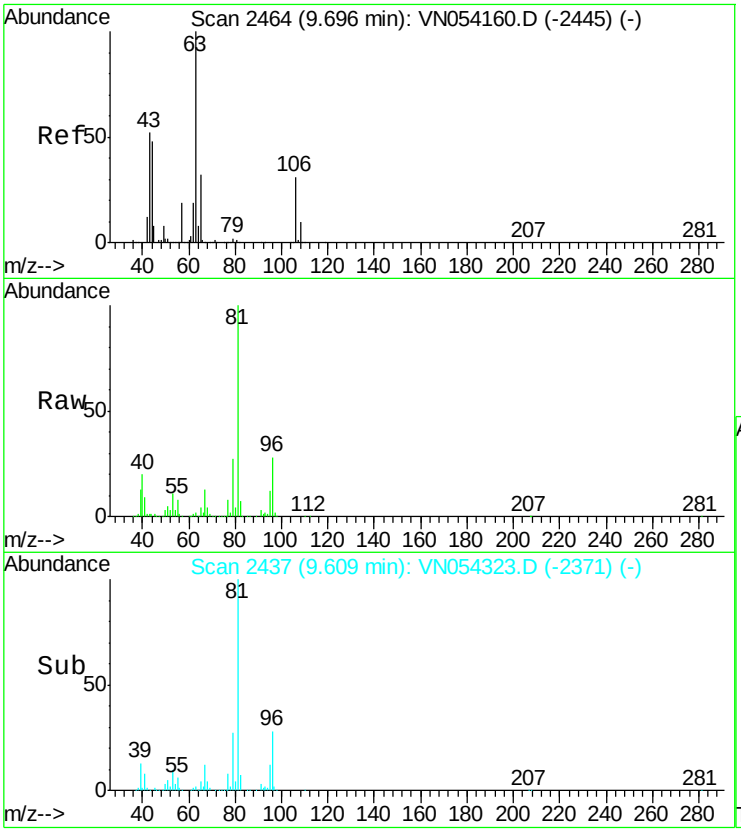


#56
Ethyl methacrylate
Concen: 1.140 ug/l
RT: 10.43 min Scan# 2692
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 69 Resp: 16337

Ion	Ratio	Lower	Upper
69	100		
41	151.4	49.4	74.2#
39	69.4	28.3	42.5#



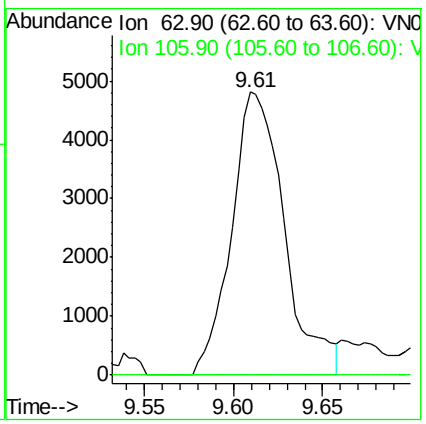


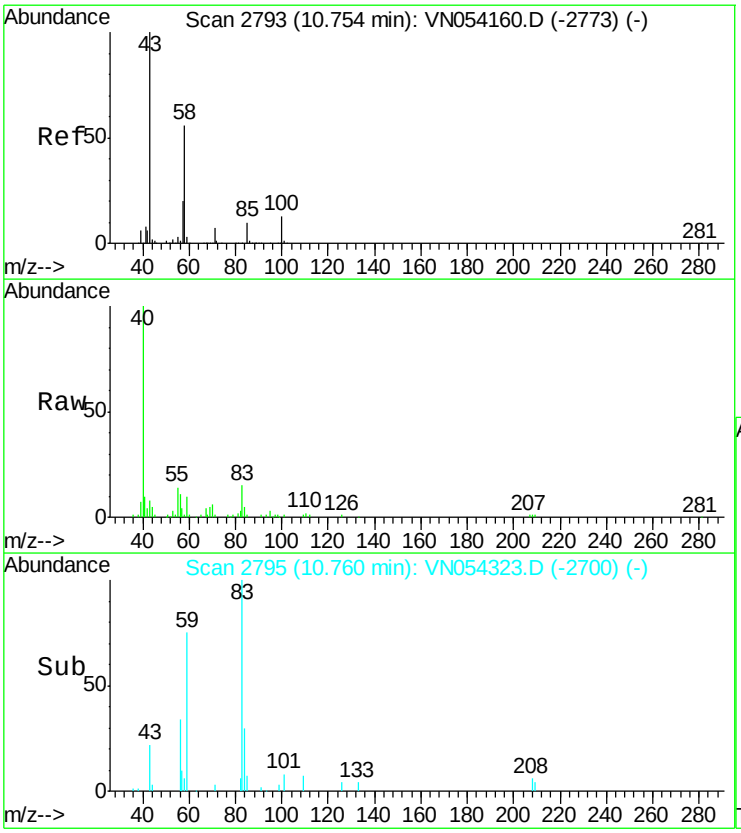
#58
2-Chloroethyl Vinyl ether
Concen: 18.318 ug/l
RT: 9.61 min Scan# 2437
Delta R.T. -0.09 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion: 63 Resp: 9932

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.4	36.6#

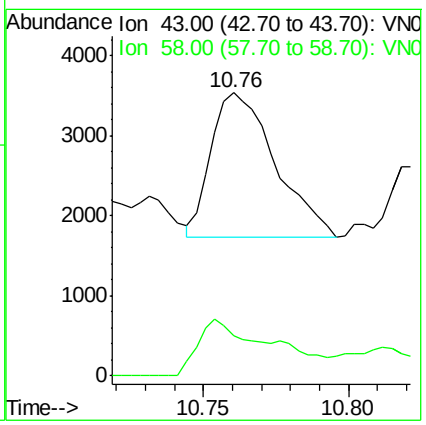


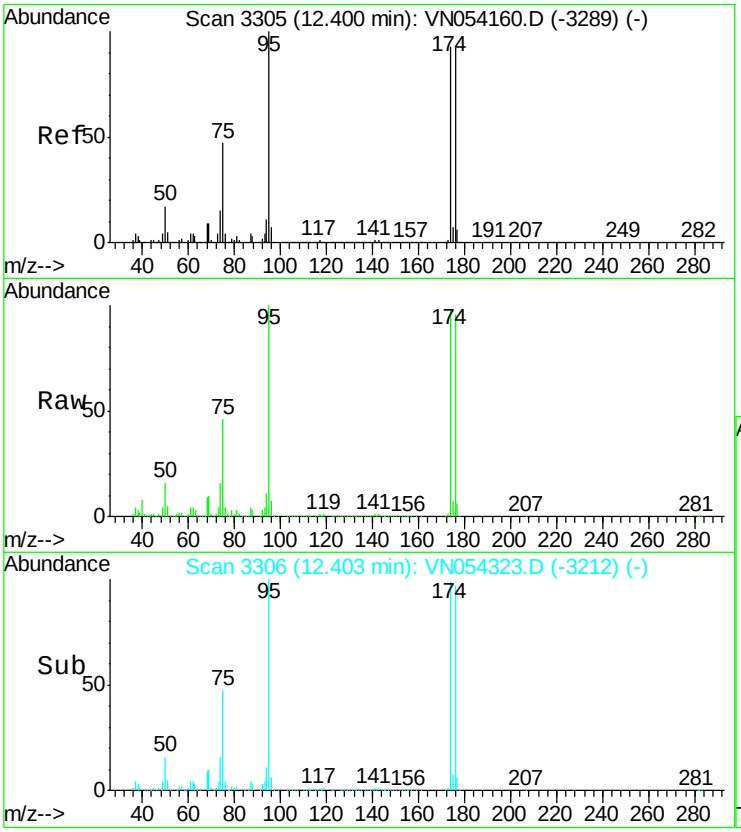


#59
2-Hexanone
Concen: 0.426 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 43 Resp: 2744

Ion	Ratio	Lower	Upper
43	100		
58	46.5	28.0	83.9



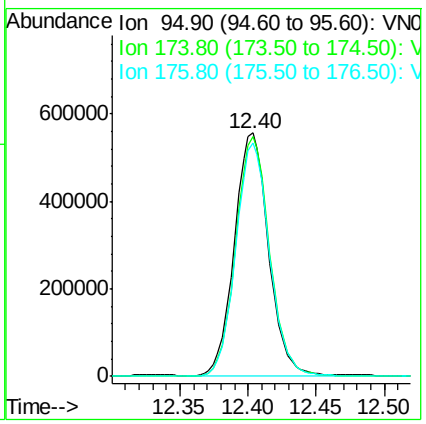


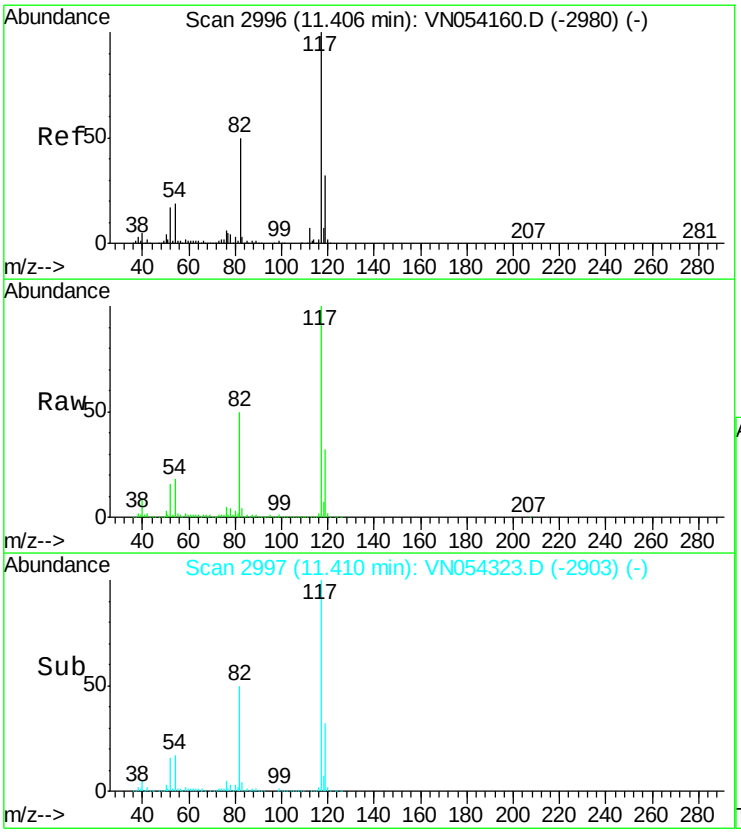
#62
4-Bromofluorobenzene
Concen: 58.630 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion: 95 Resp: 962300

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	191.0
176	95.6	0.0	187.4

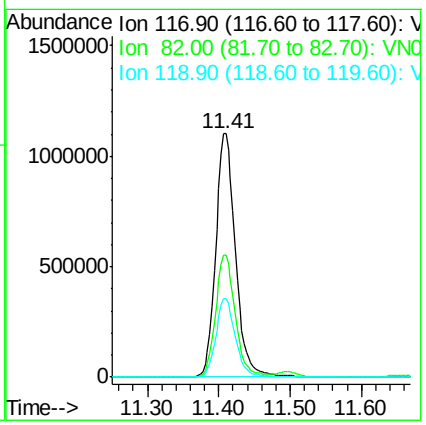


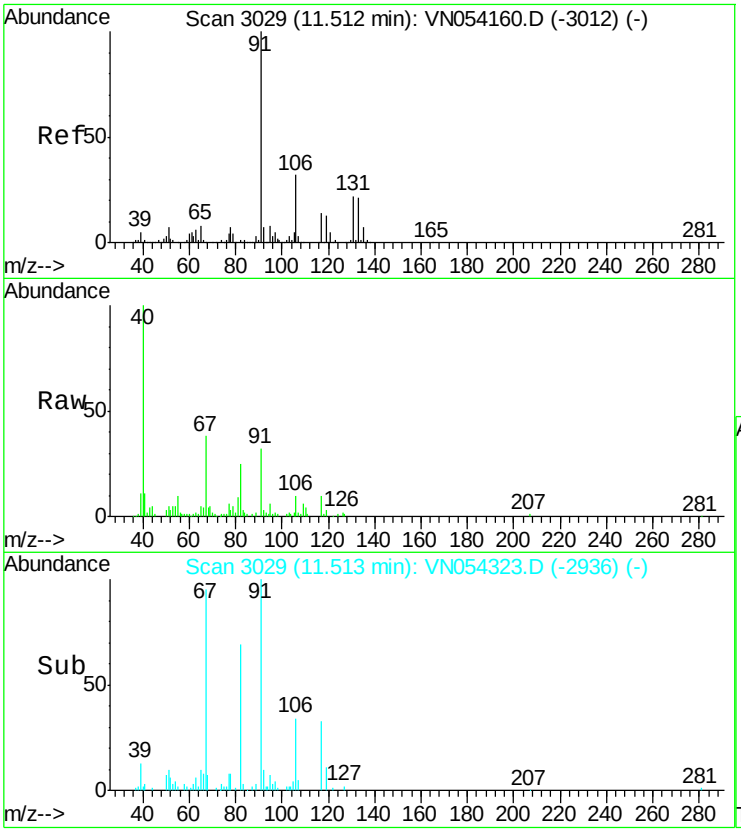


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion:117 Resp: 2108852

Ion	Ratio	Lower	Upper
117	100		
82	49.9	40.0	60.0
119	32.1	25.8	38.6



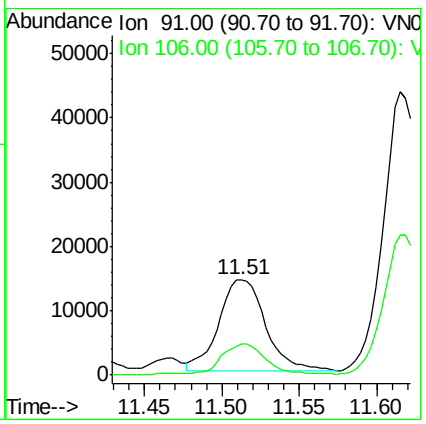


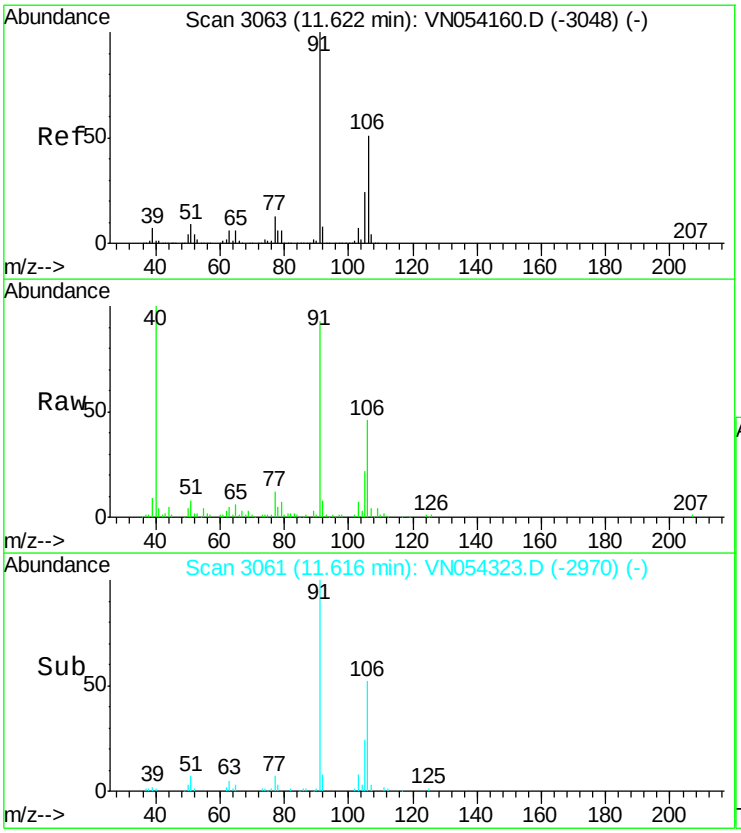
#67
Ethyl Benzene
Concen: 0.389 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 91 Resp: 29870

Ion	Ratio	Lower	Upper
91	100		
106	32.5	25.5	38.3

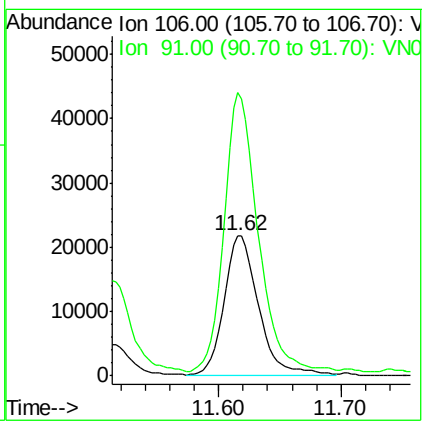


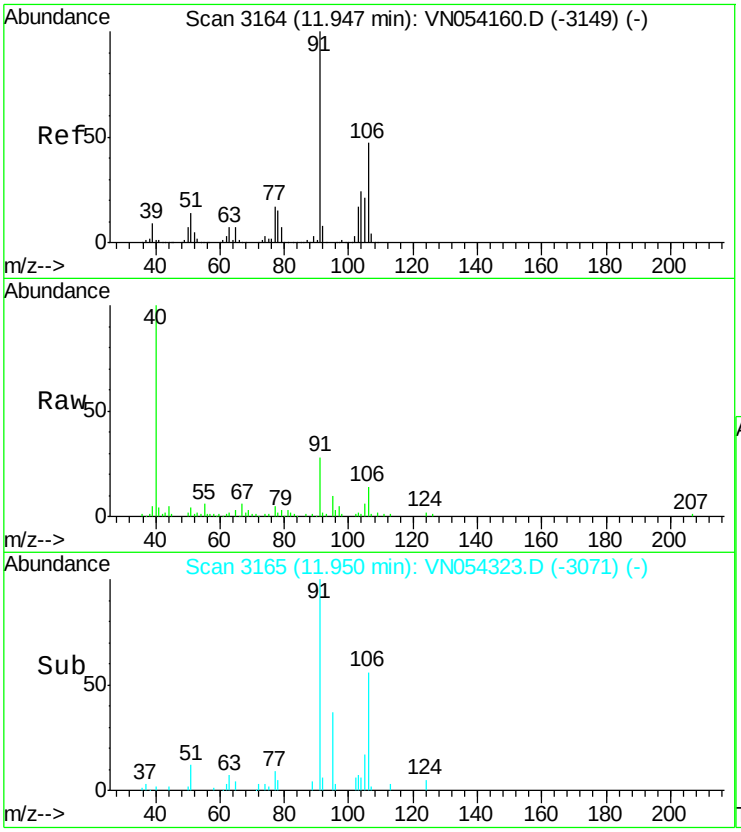


#68
m/p-Xylenes
Concen: 1.398 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion:106 Resp: 41941

Ion	Ratio	Lower	Upper
106	100		
91	199.9	159.4	239.2



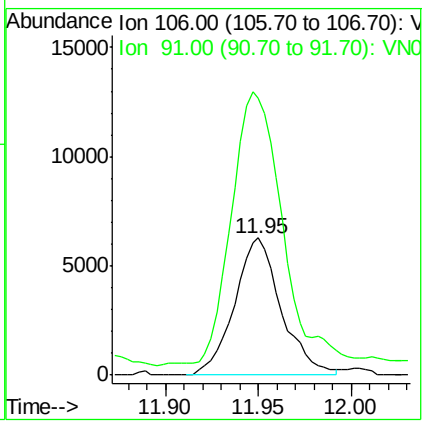


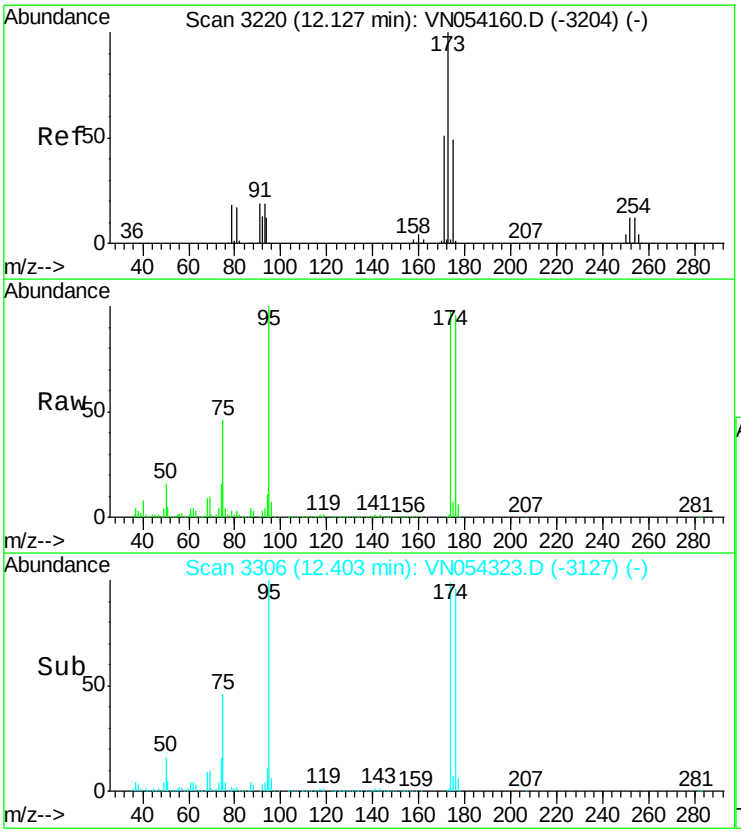
#69
o-Xylene
Concen: 0.376 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion:106 Resp: 10997

Ion	Ratio	Lower	Upper
106	100		
91	214.1	105.7	317.1

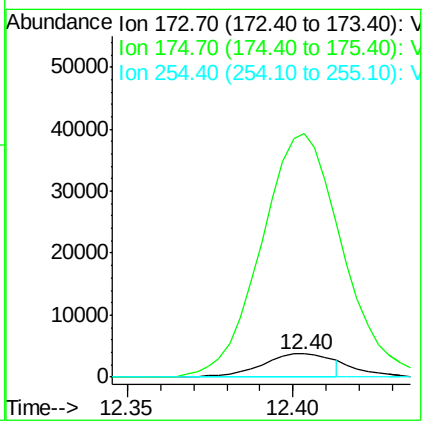


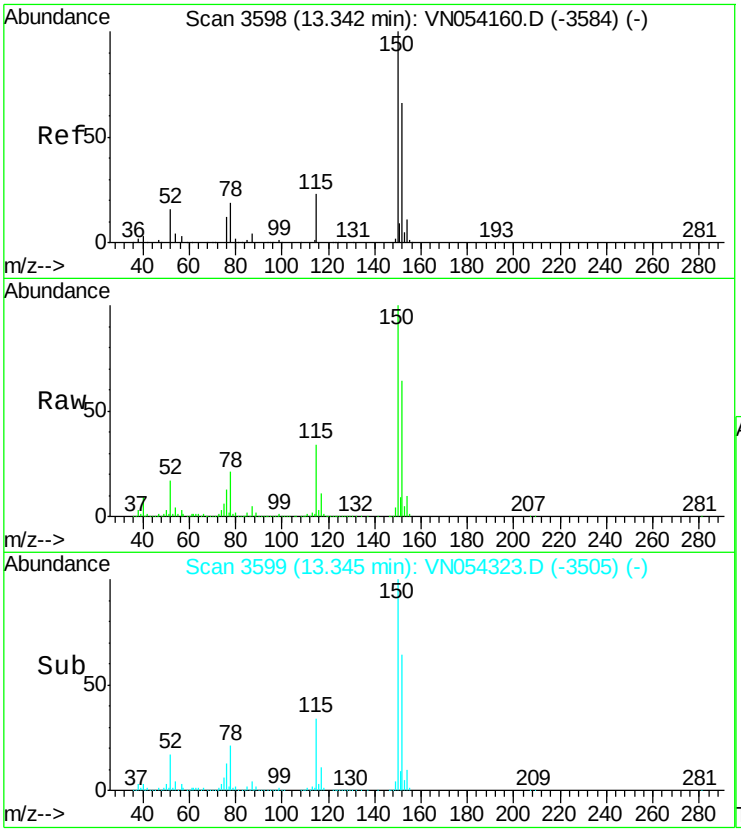


#71
Bromoform
Concen: 2.757 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion:173 Resp: 5468

Ion	Ratio	Lower	Upper
173	100		
175	1034.2	24.4	73.2#
254	0.0	0.1	0.1#



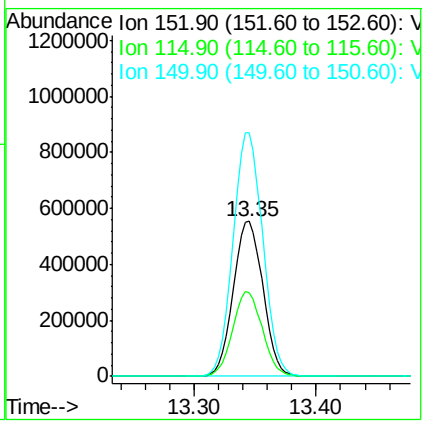


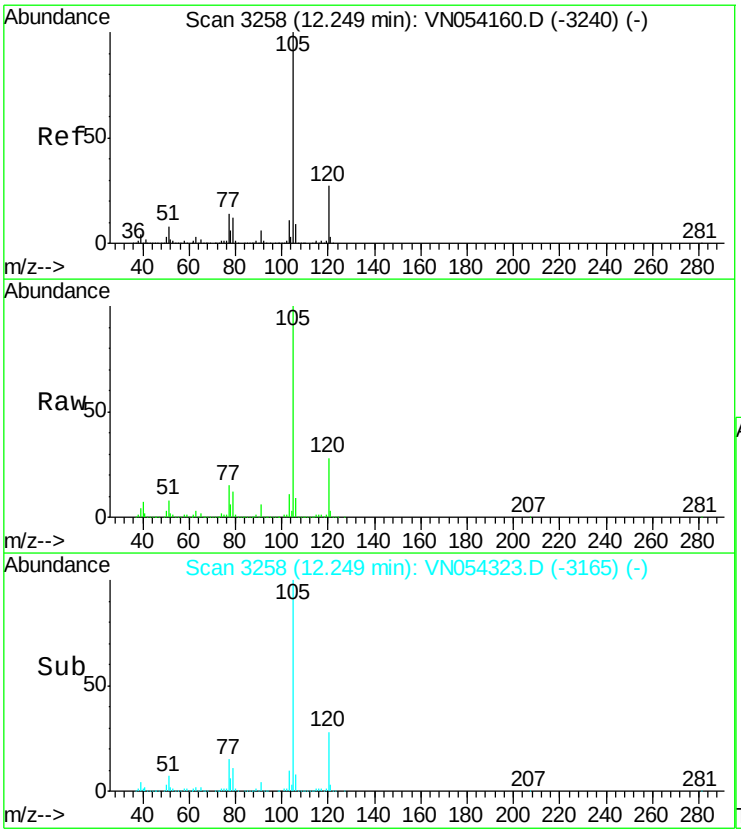
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion:152 Resp: 932876

Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.2	81.6
150	157.2	0.0	349.2

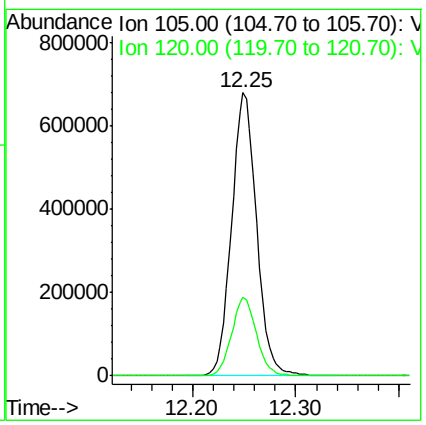


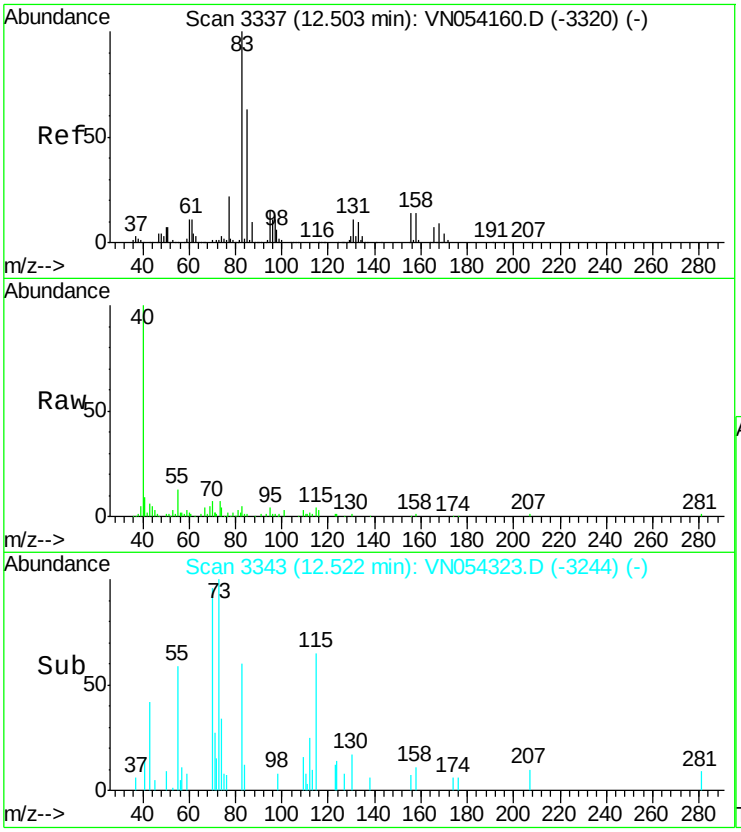


#73
Isopropylbenzene
Concen: 15.399 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion:105 Resp: 1149352

Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.8	41.3



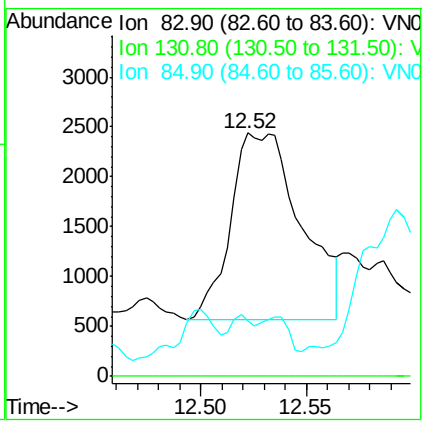


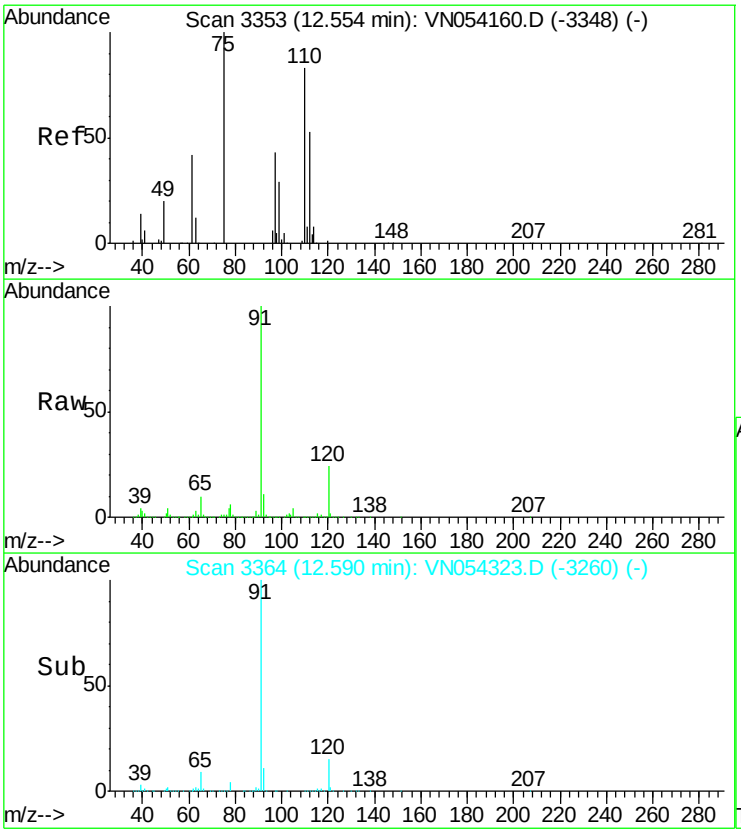
#75
1,1,2,2-Tetrachloroethane
Concen: 0.272 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. 0.02 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 83 Resp: 4327

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.8	17.4#
85	2.8	32.2	96.6#

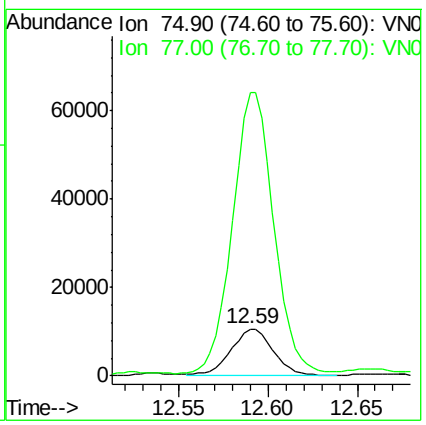


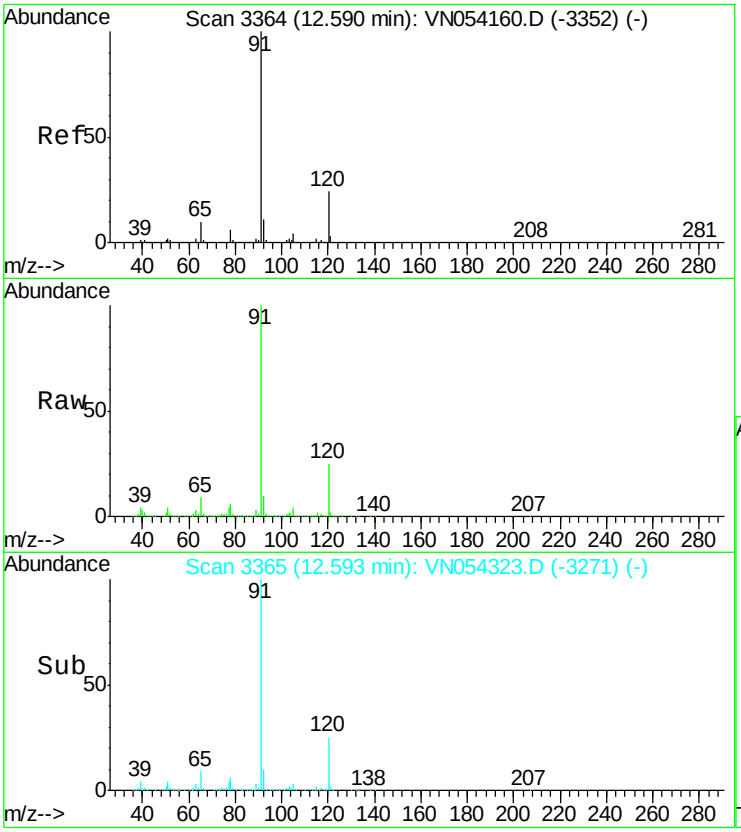


#76
1,2,3-Trichloropropane
Concen: 1.243 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.04 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 75 Resp: 17054

Ion	Ratio	Lower	Upper
75	100		
77	599.6	0.0	0.0#



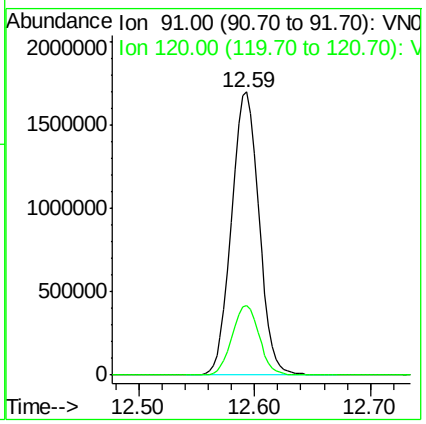


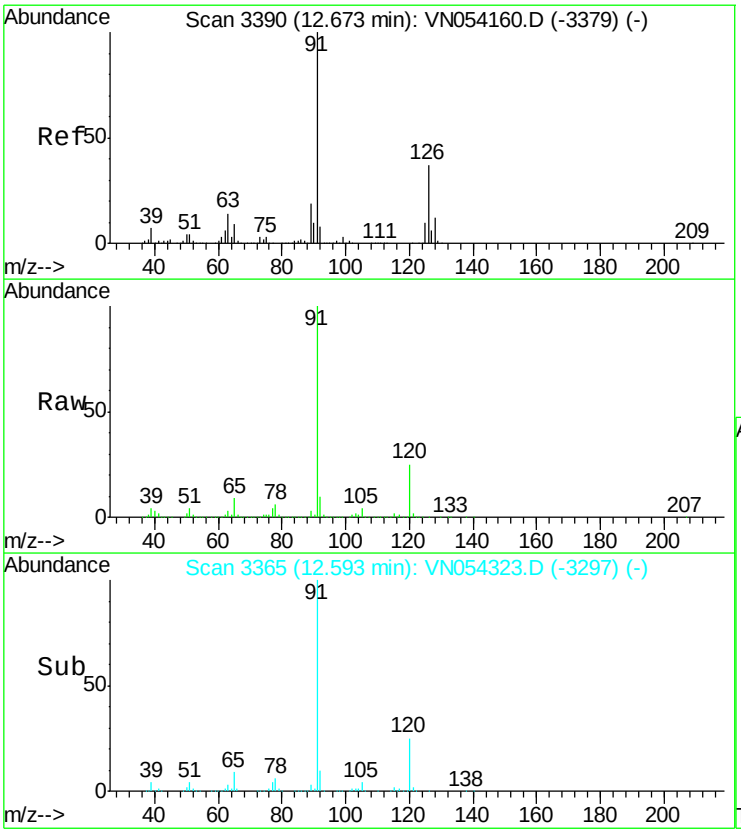
#78
n-propylbenzene
Concen: 34.295 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 91 Resp: 2777404

Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.3	36.9

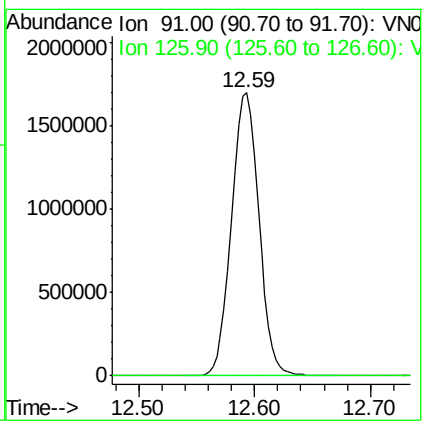


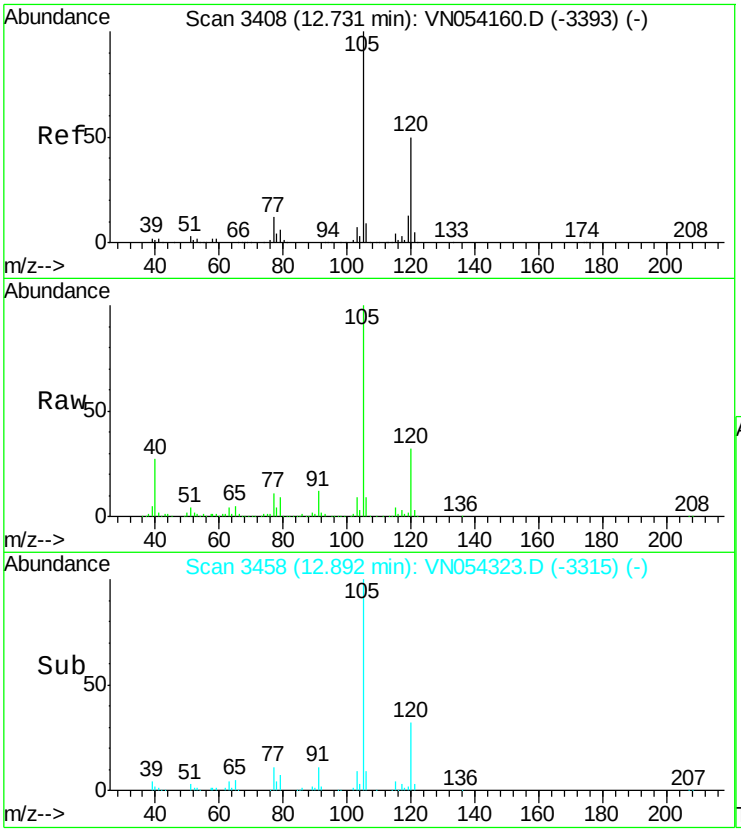


#79
2-Chlorotoluene
Concen: 57.038 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.08 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 91 Resp: 2777404

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.7	56.1#



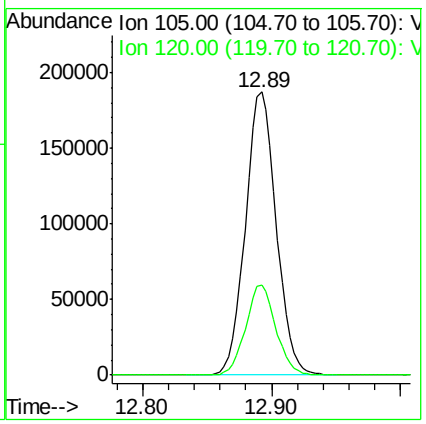


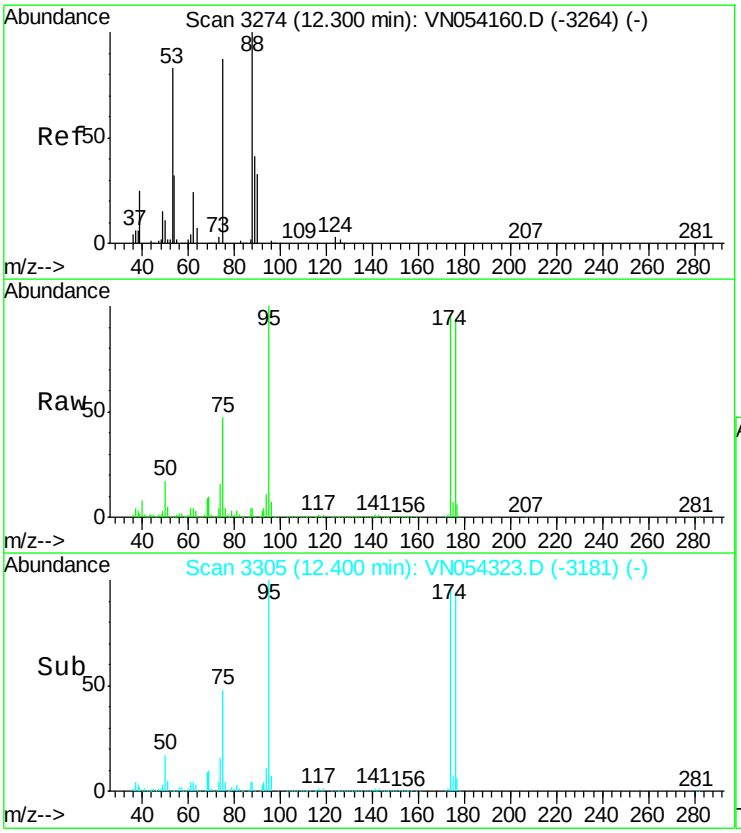
#80
1,3,5-Trimethylbenzene
Concen: 5.017 ug/l
RT: 12.89 min Scan# 3458
Delta R.T. 0.16 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion:105 Resp: 311433

Ion	Ratio	Lower	Upper
105	100		
120	31.2	25.0	75.0

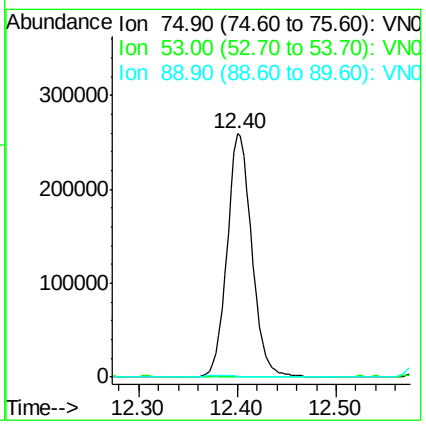


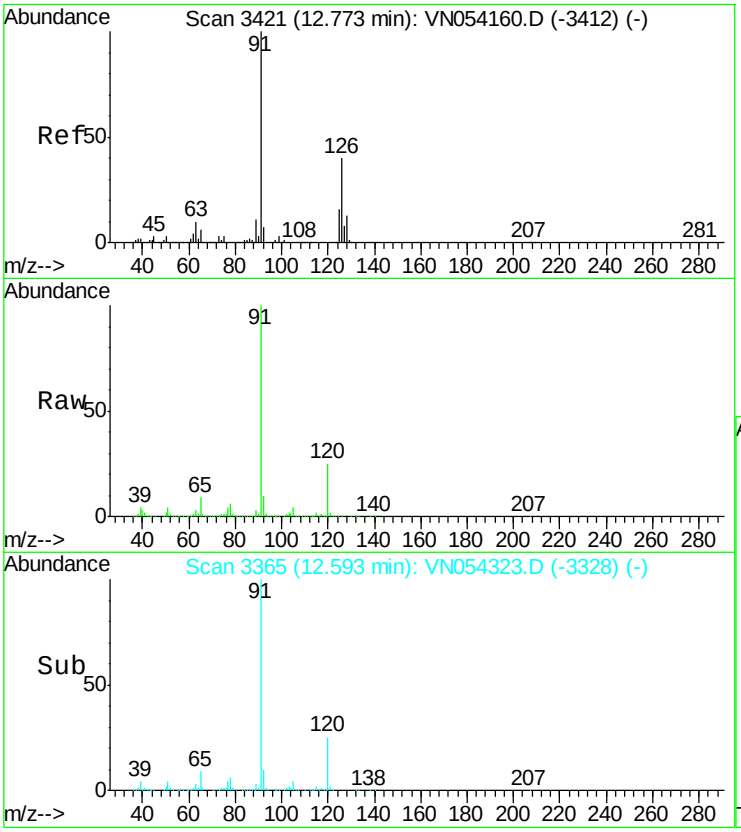


#81
trans-1,4-Dichloro-2-butene
Concen: 112.832 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion: 75 Resp: 452800

Ion	Ratio	Lower	Upper
75	100		
53	0.2	76.2	114.2#
89	0.0	39.2	58.8#



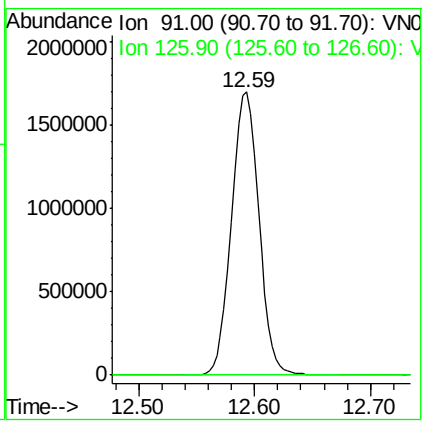


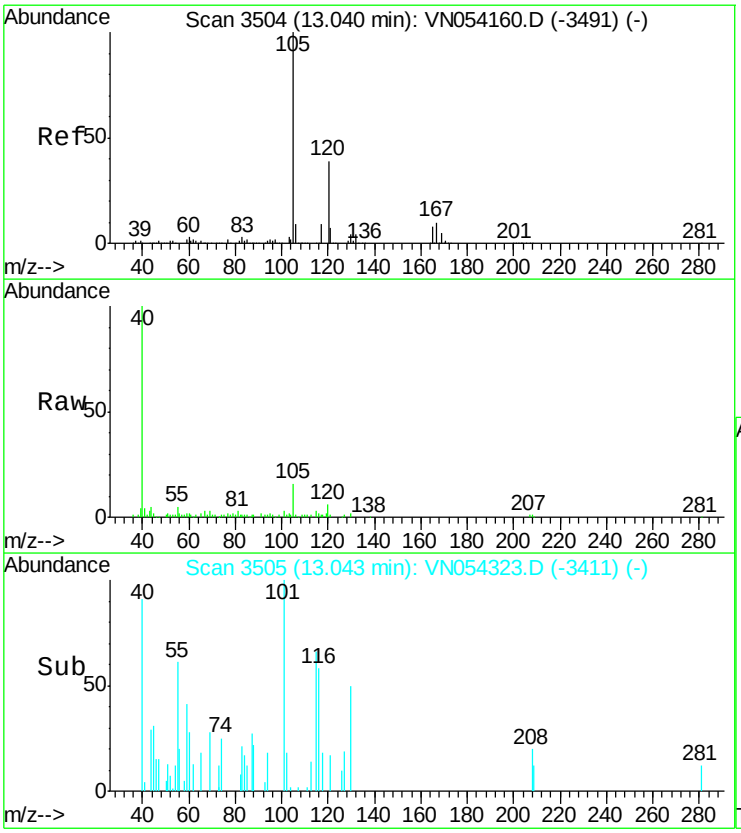
#82
4-Chlorotoluene
Concen: 57.122 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.18 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion: 91 Resp: 2777404

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.1	54.1#

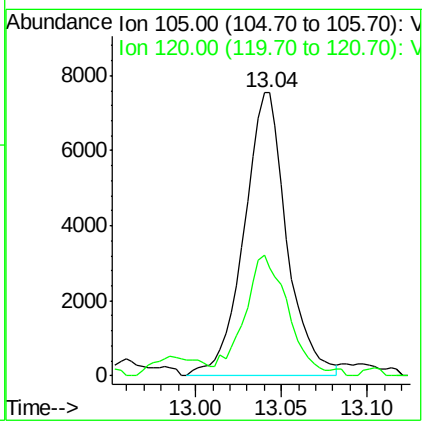


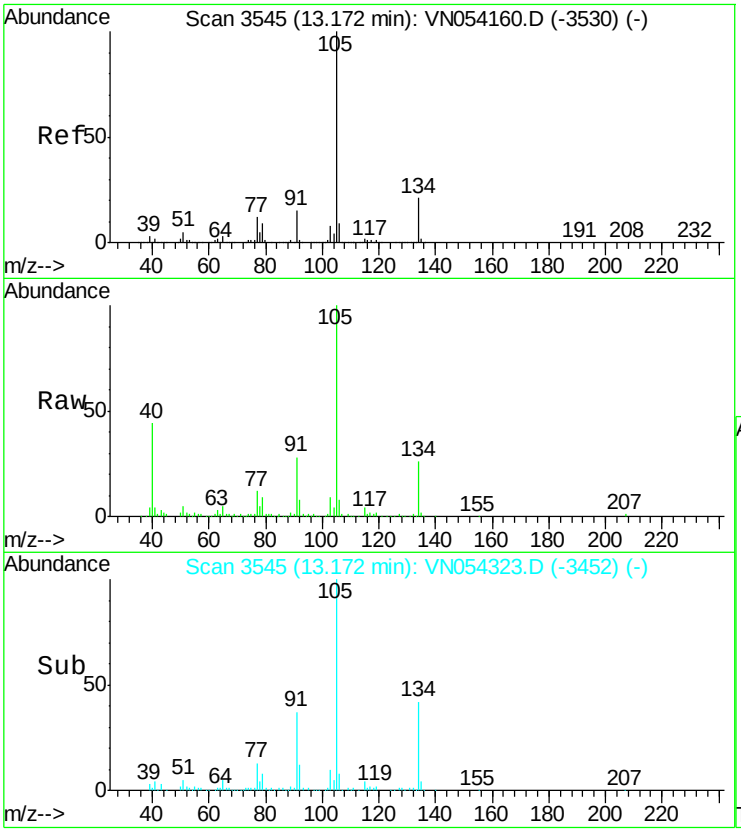


#84
1,2,4-Trimethylbenzene
Concen: 0.214 ug/l
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion:105 Resp: 13036

Ion	Ratio	Lower	Upper
105	100		
120	43.8	23.4	70.3



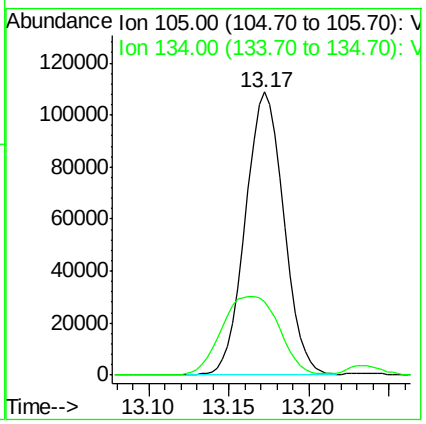


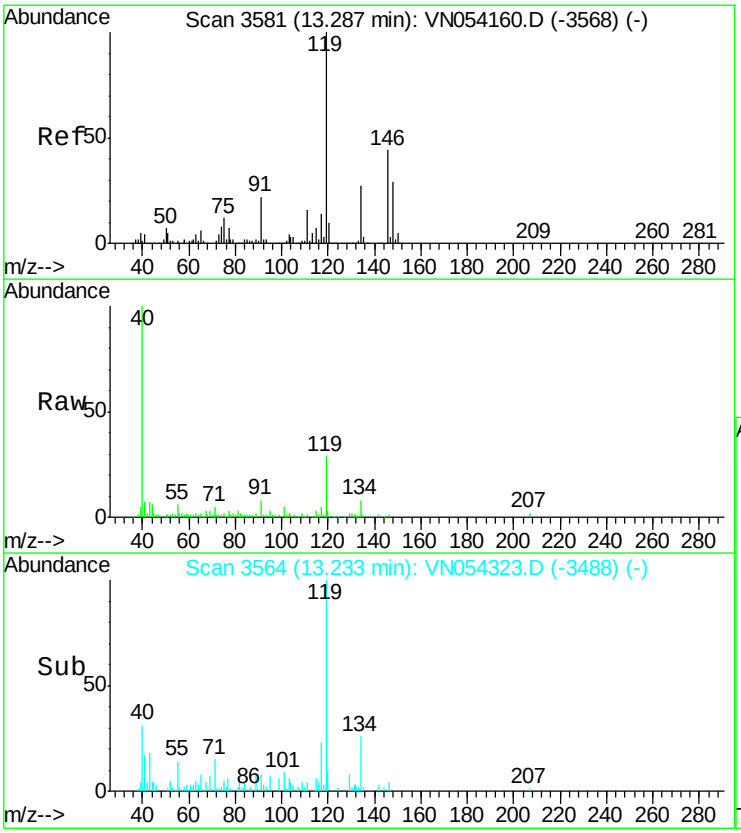
#85
sec-Butylbenzene
Concen: 2.416 ug/l
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion:105 Resp: 179015

Ion	Ratio	Lower	Upper
105	100		
134	41.5	10.7	32.1#

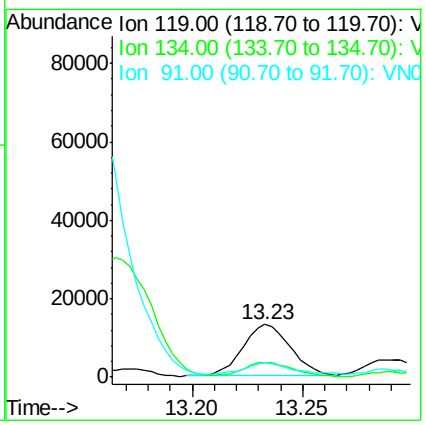


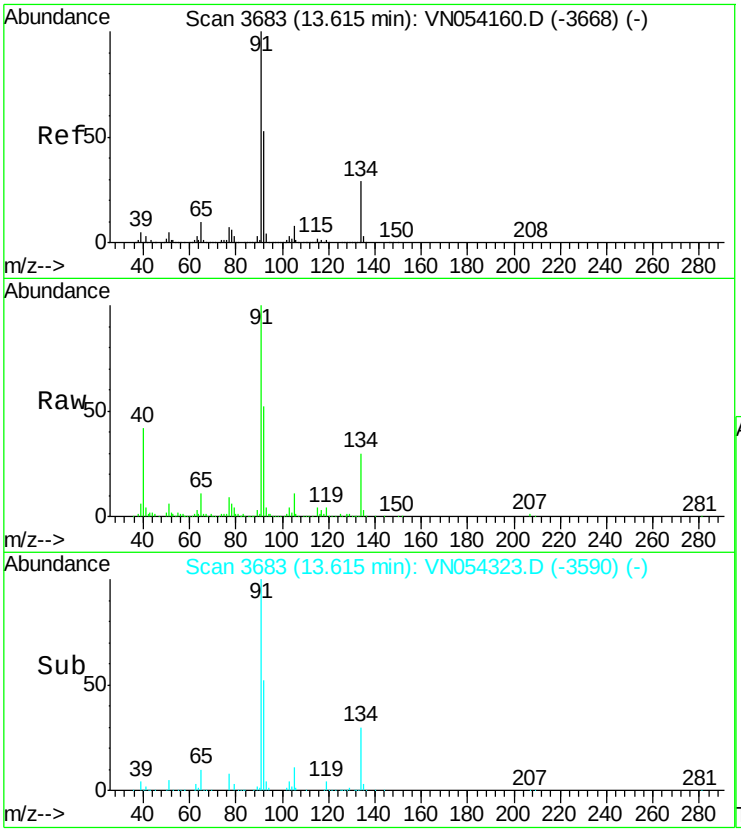


#86
p-Isopropyltoluene
Concen: 0.304 ug/l
RT: 13.23 min Scan# 3564
Delta R.T. -0.05 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion:119 Resp: 19769

Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.6	40.8#
91	0.0	11.1	33.3#



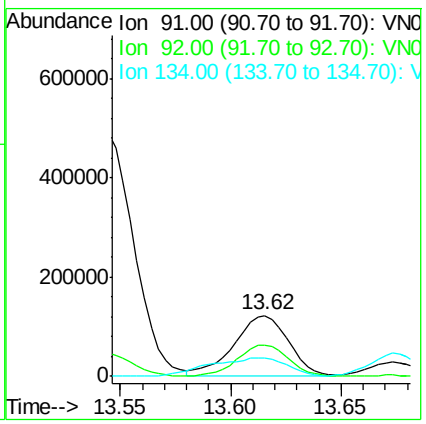


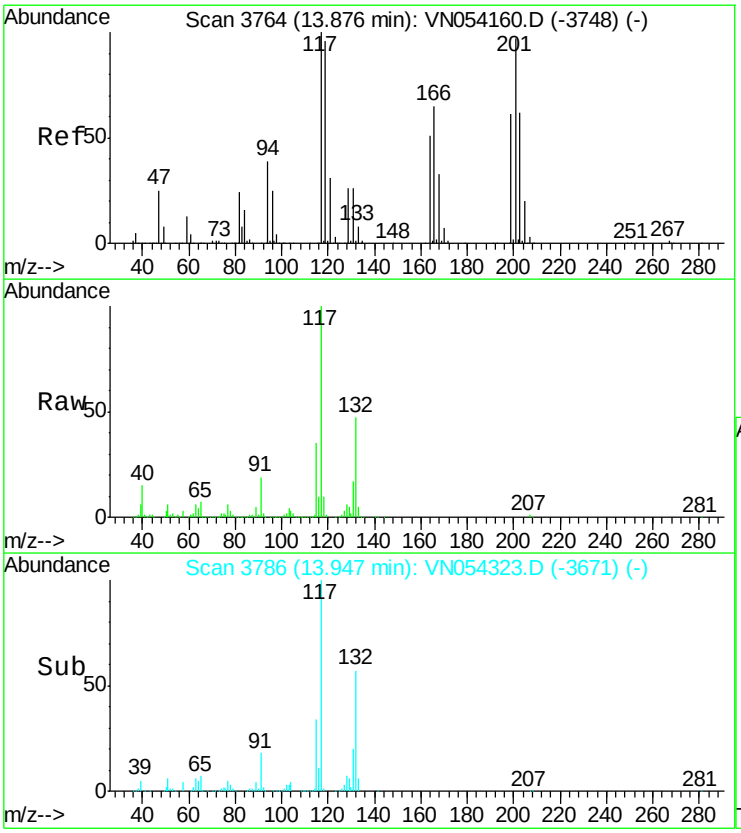
#89
n-Butylbenzene
Concen: 4.233 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument : MSVOA_N
ClientSampleId : TW-3

Tgt Ion: 91 Resp: 209117

Ion	Ratio	Lower	Upper
91	100		
92	48.9	26.2	78.6
134	42.1	14.3	42.9

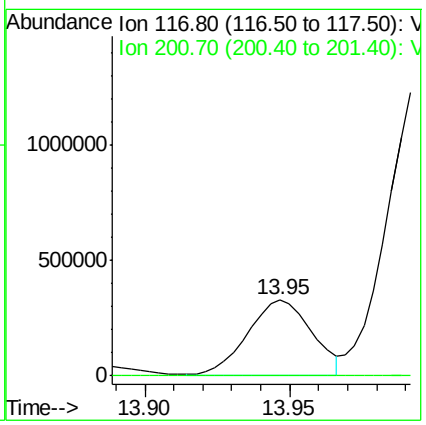


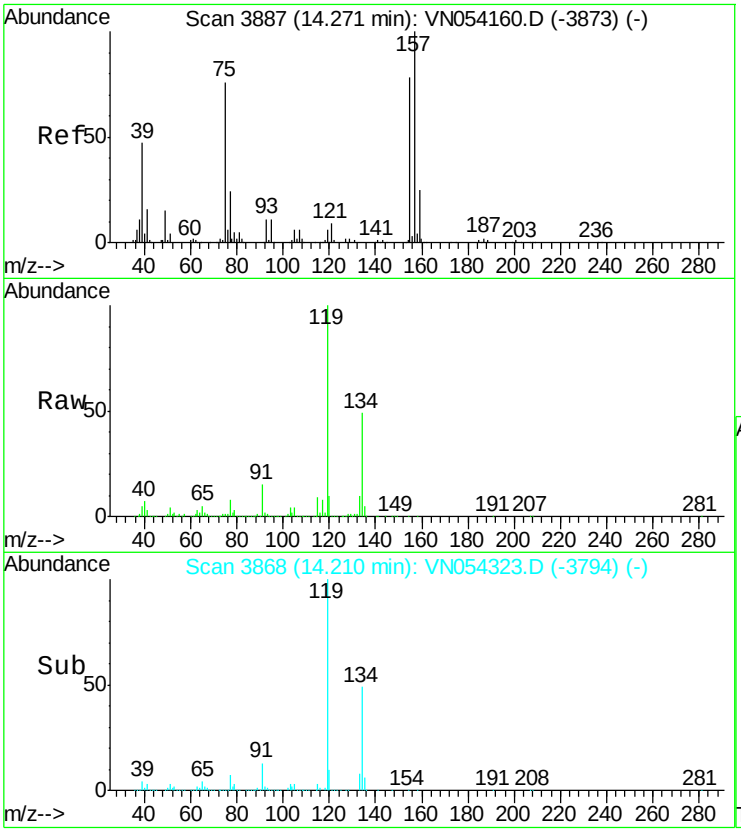


#90
Hexachloroethane
Concen: 47.342 ug/l
RT: 13.95 min Scan# 3786
Delta R.T. 0.07 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion:117 Resp: 509638

Ion	Ratio	Lower	Upper
117	100		
201	0.0	48.1	144.4#



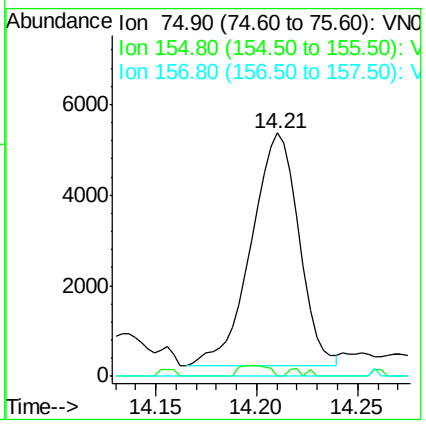


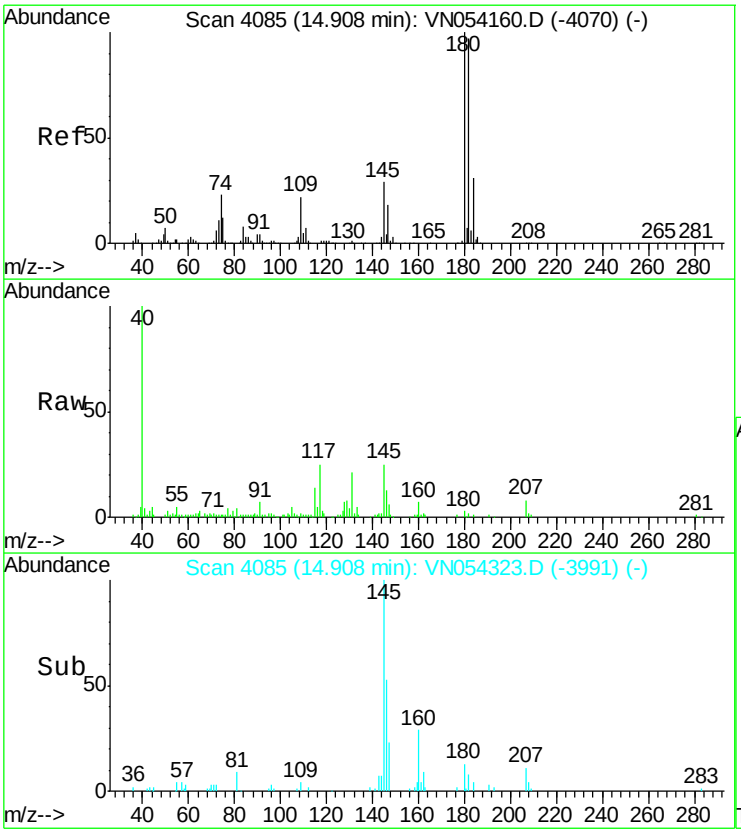
#92
1,2-Dibromo-3-Chloropropane
Concen: 3.459 ug/l
RT: 14.21 min Scan# 3868
Delta R.T. -0.06 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion: 75 Resp: 8511

Ion	Ratio	Lower	Upper
75	100		
155	2.9	50.1	150.3#
157	0.0	63.1	189.3#

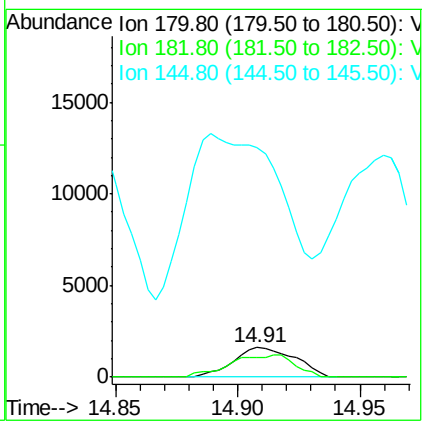


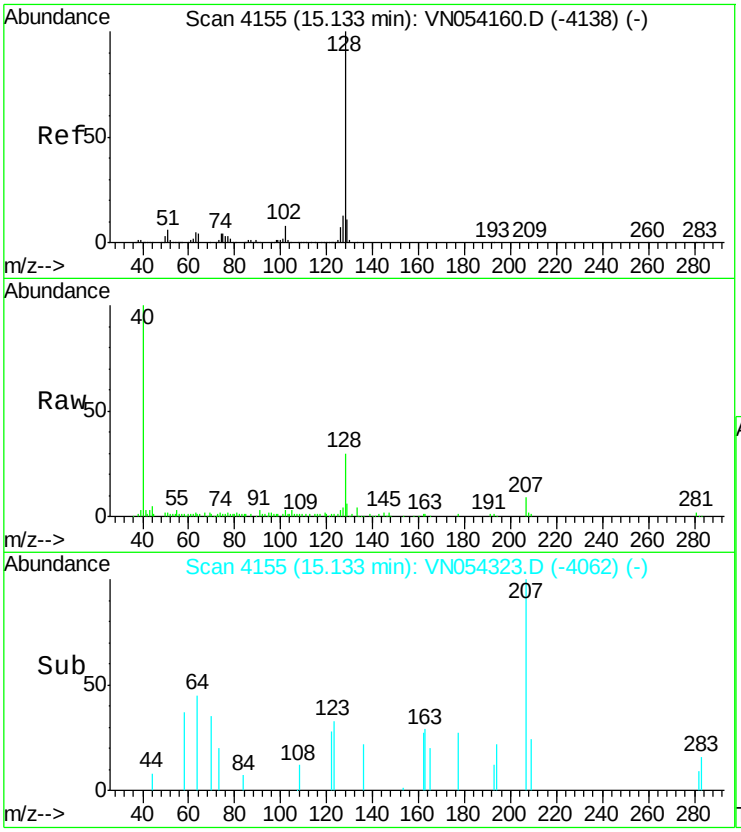


#93
1,2,4-Trichlorobenzene
Concen: 2.654 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Tgt Ion:180 Resp: 2837

Ion	Ratio	Lower	Upper
180	100		
182	78.7	48.0	144.2
145	0.0	14.2	42.8#





#95
Naphthalene
Concen: 4.087 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054323.D
Acq: 15 Mar 2019 21:28

Instrument :
MSVOA_N
ClientSampleId :
TW-3

Tgt Ion:128 Resp: 27160

Ion	Ratio	Lower	Upper
128	100		
127	9.6	10.1	15.1#
129	9.7	8.7	13.1