Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031619\
Data File : VN054350.D
Acq On : 16 Mar 2019 21:19
Operator : JC/SP
Sample : K1899-03DL 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-4ADL

Quant Time: Mar 18 04:55:32 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	1868754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2685385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2236085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	882593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	903687	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.06%			
35) Dibromofluoromethane	7.59	113	811963	46.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.76%			
50) Toluene-d8	10.09	98	3088707	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.58%			
62) 4-Bromofluorobenzene	12.40	95	939153	41.96	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.92%			
Target Compounds						Qvalue
10) Methyl Iodide	3.94	142	1362	1.544	ug/l #	63
13) Acrolein	3.62	56	306	0.237	ug/l	90
31) Cyclohexane	7.67	56	28697	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	109835	4.441	ug/l #	49
38) Carbon Tetrachloride	7.67	117	156975	6.053	ug/l #	16
49) 1,4-Dioxane	9.22	88	67	0.374	ug/l #	1
51) 4-Methyl-2-Pentanone	9.99	43	3137	0.238	ug/l	94
53) t-1,3-Dichloropropene	10.39	75	436	2.001	ug/l #	42
59) 2-Hexanone	10.76	43	4948	0.563	ug/l	98
67) Ethyl Benzene	11.51	91	48047	0.590	ug/l	98
68) m/p-Xylenes	11.62	106	23677	0.744	ug/l	97
69) o-Xylene	11.95	106	16954	0.547	ug/l	97
71) Bromoform	12.40	173	5578	2.742	ug/l #	1
73) Isopropylbenzene	12.25	105	22206	0.314	ug/l	99
74) N-amyl acetate	12.07	43	3590	0.229	ug/l #	85
76) 1,2,3-Trichloropropane	12.40	75	450176	34.685	ug/l #	100
78) n-propylbenzene	12.59	91	17205	0.225	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	56647	0.964	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	450176	118.569	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	147478	2.559	ug/l	100
86) p-Isopropyltoluene	13.29	119	39839	0.648	ug/l	98
89) n-Butylbenzene	13.61	91	9476	0.203	ug/l #	75
90) Hexachloroethane	13.89	117	3772	0.370	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.28	75	2357	1.012	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.91	180	9259	2.990	ug/l	93
95) Naphthalene	15.13	128	1743862	45.392	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	9872	0.604	ug/l #	86

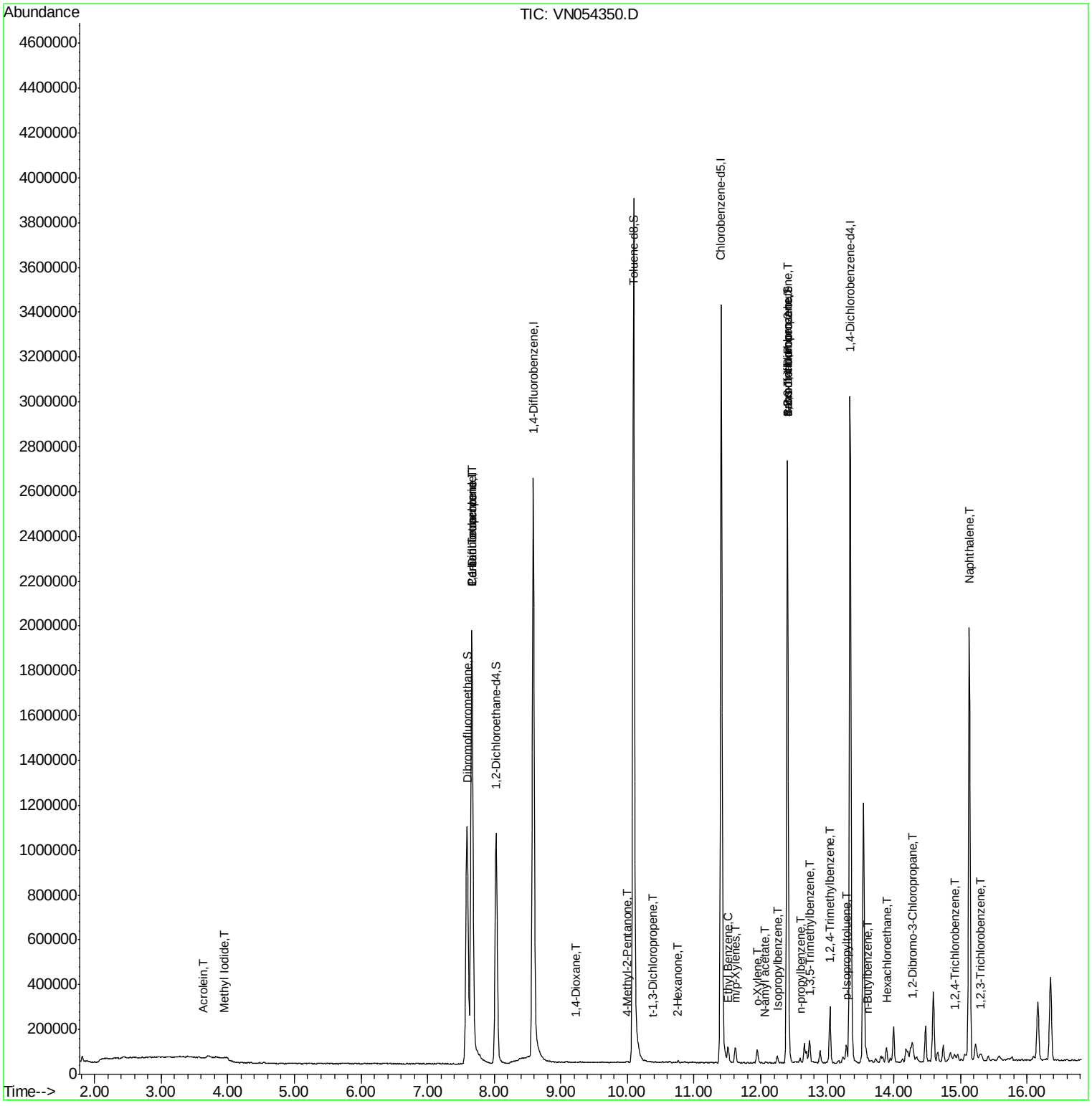
(#) = qualifier out of range (m) = manual integration (+) = signals summed

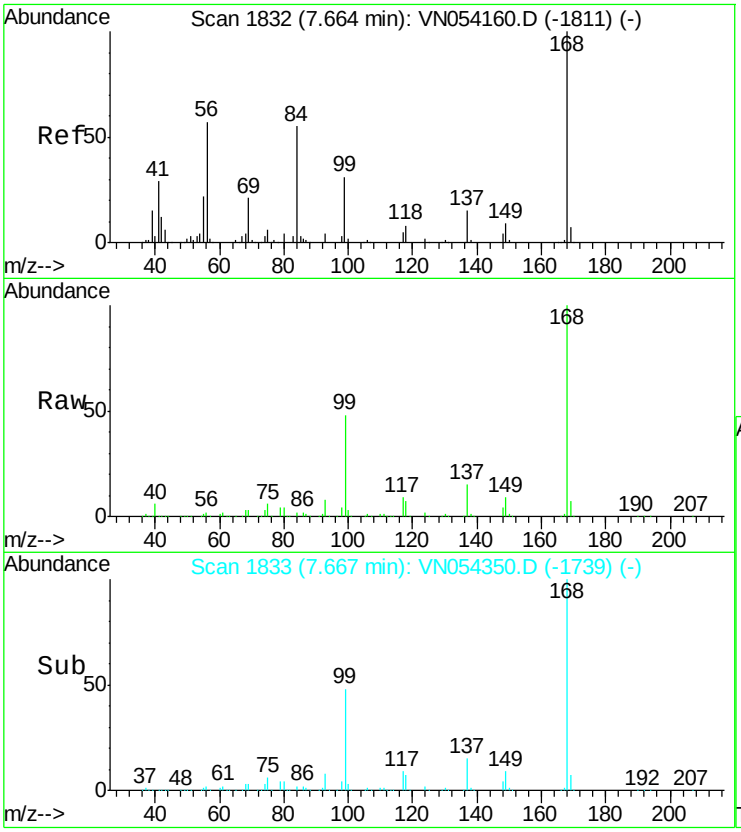
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031619\
Data File : VN054350.D
Acq On : 16 Mar 2019 21:19
Operator : JC/SP
Sample : K1899-03DL 50X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : MW-4ADL

Quant Time: Mar 18 04:55:32 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



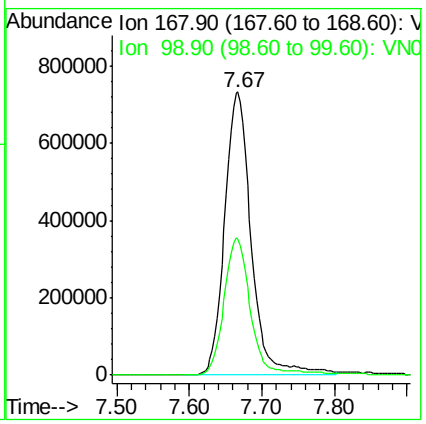


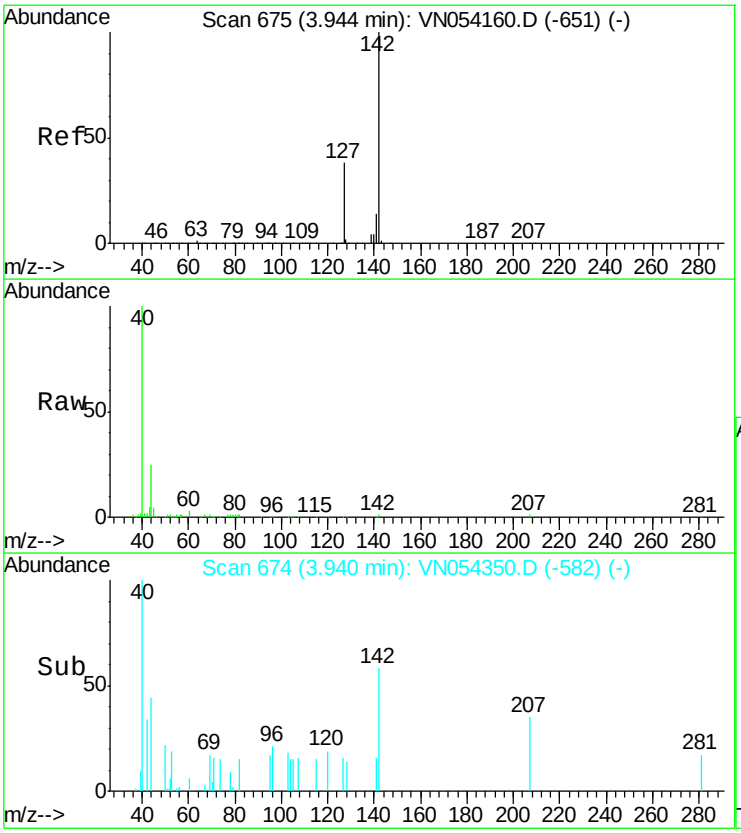
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion:168 Resp: 1868754

Ion	Ratio	Lower	Upper
168	100		
99	48.2	37.1	55.7

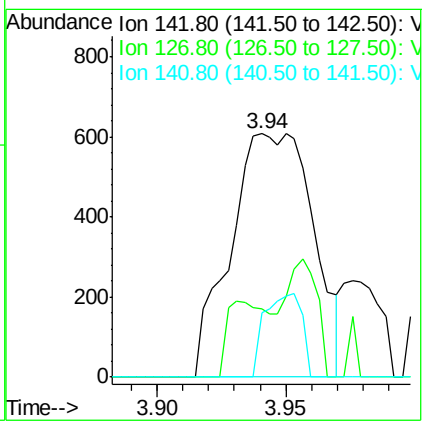


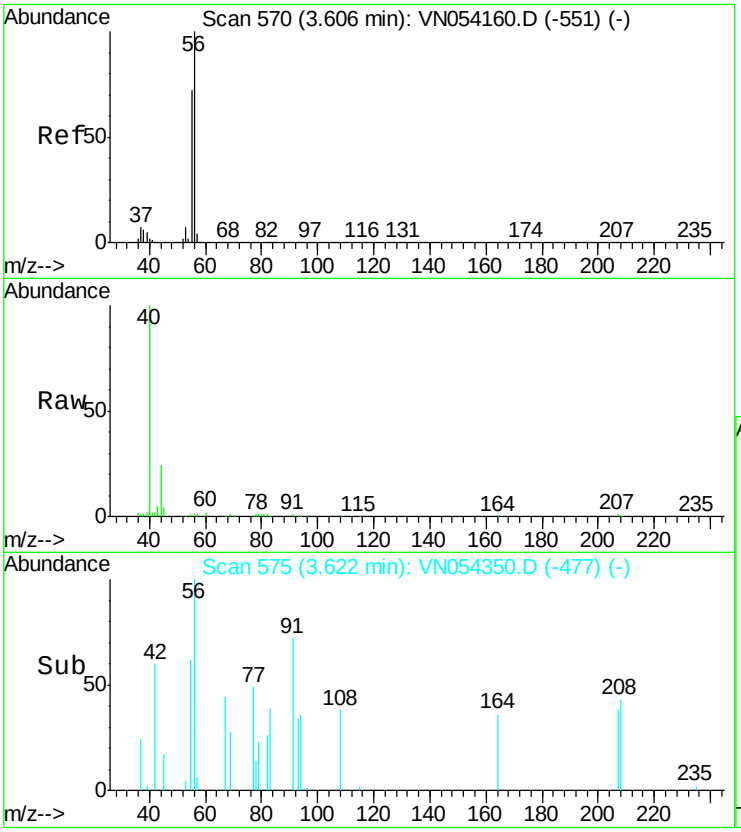


#10
Methyl Iodide
Concen: 1.544 ug/l
RT: 3.94 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion:142 Resp: 1362

Ion	Ratio	Lower	Upper
142	100		
127	14.9	30.3	45.5#
141	0.0	11.2	16.8#



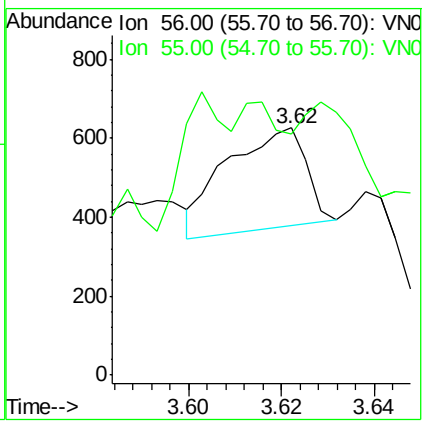


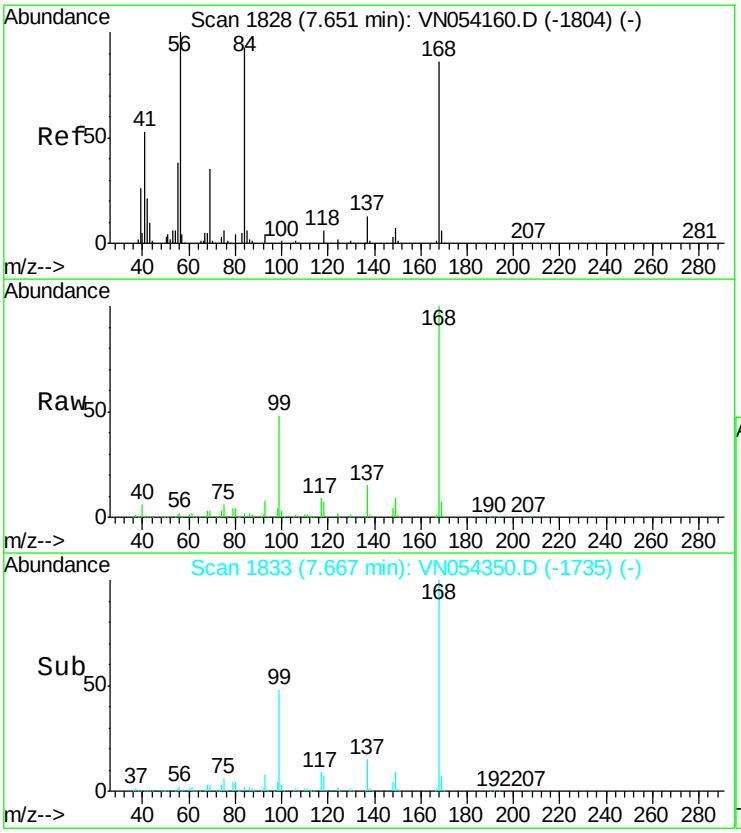
#13
Acrolein
Concen: 0.237 ug/l
RT: 3.62 min Scan# 575
Delta R.T. 0.02 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument : MSVOA_N
ClientSampleId : MW-4ADL

Tgt Ion: 56 Resp: 306

Ion	Ratio	Lower	Upper
56	100		
55	79.1	56.7	85.1

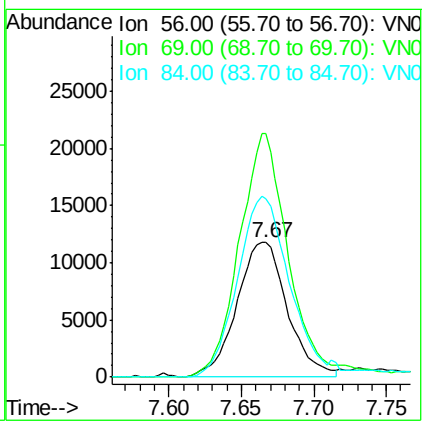


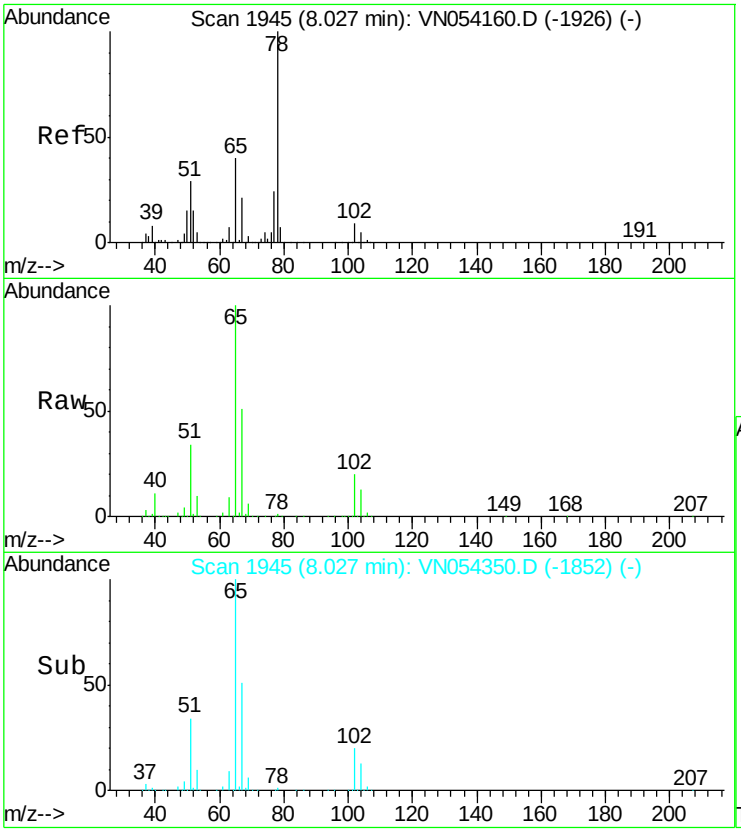


#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion: 56 Resp: 28697

Ion	Ratio	Lower	Upper
56	100		
69	181.0	27.8	41.6#
84	133.0	74.6	111.8#



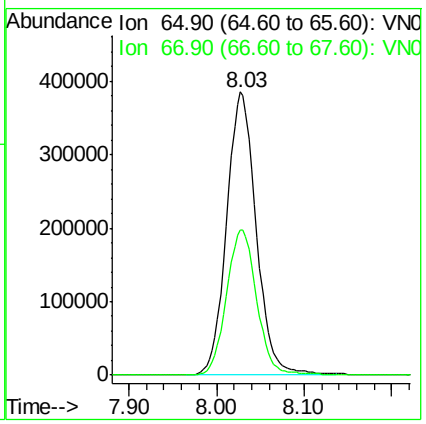


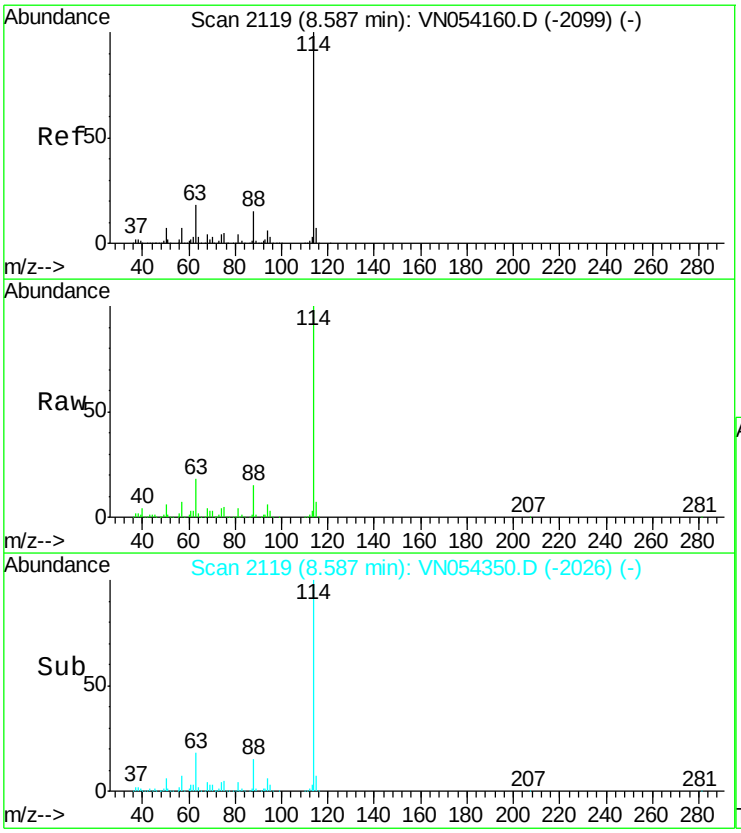
#33
1,2-Dichloroethane-d4
Concen: 45.534 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion: 65 Resp: 903687

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.6

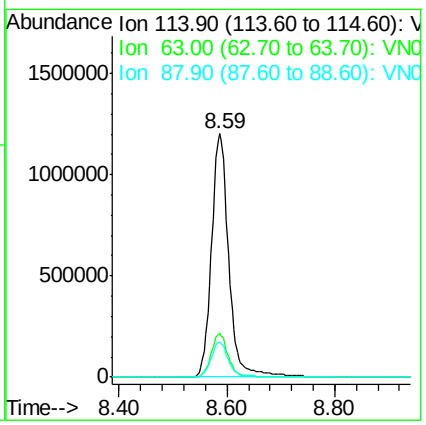


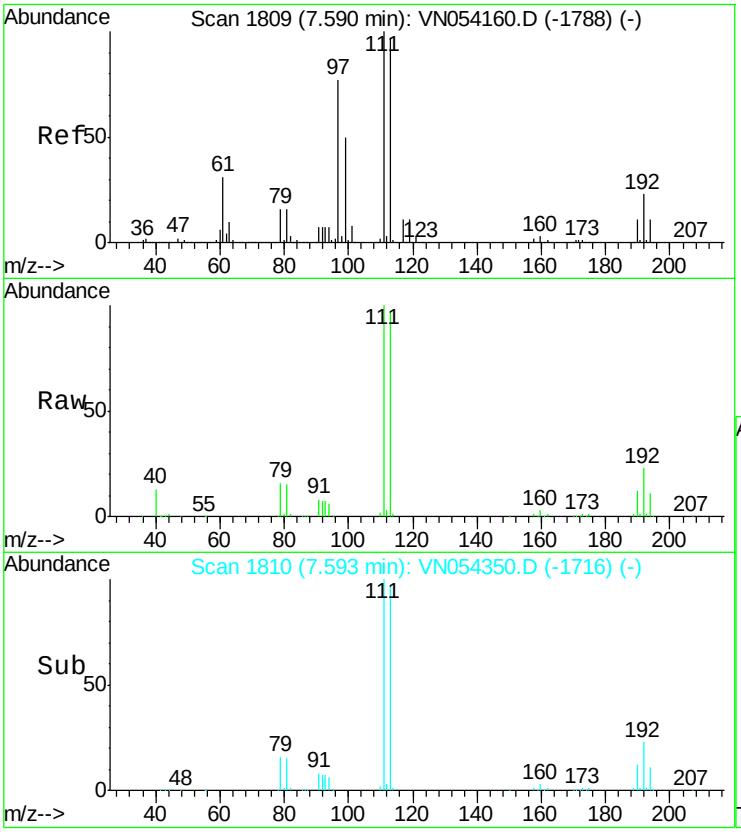


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion:114 Resp: 2685385

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.2
88	14.5	0.0	30.2



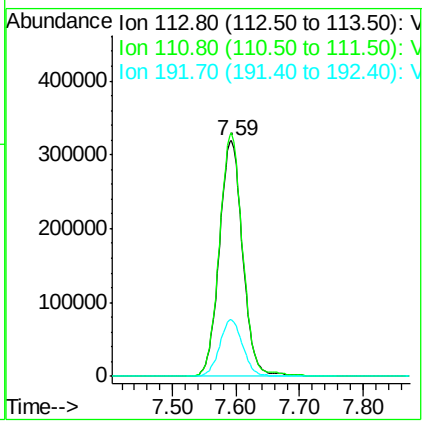


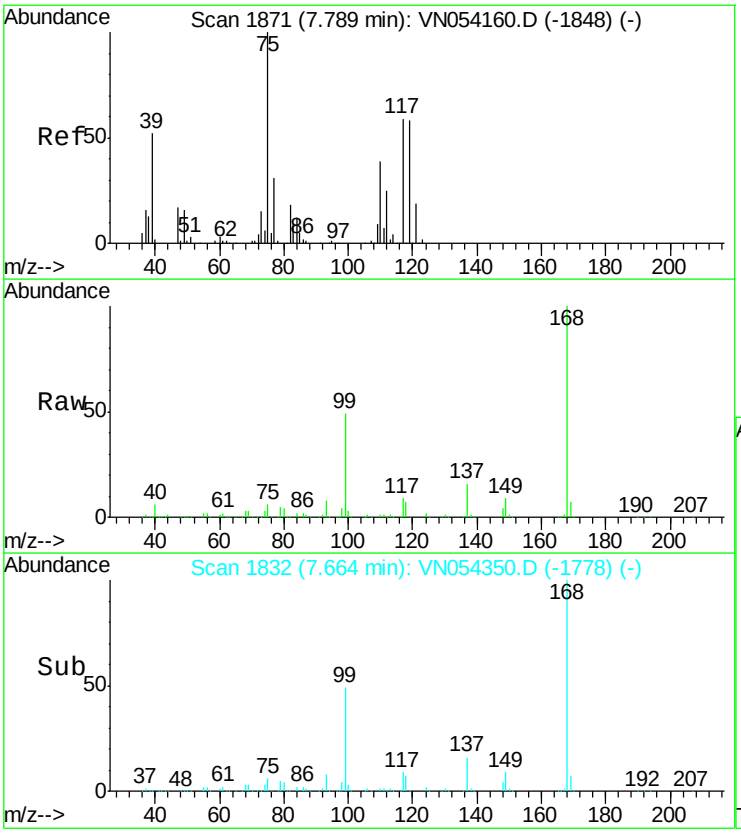
#35
Dibromofluoromethane
Concen: 46.881 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion:113 Resp: 811963

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	23.6	19.2	28.8

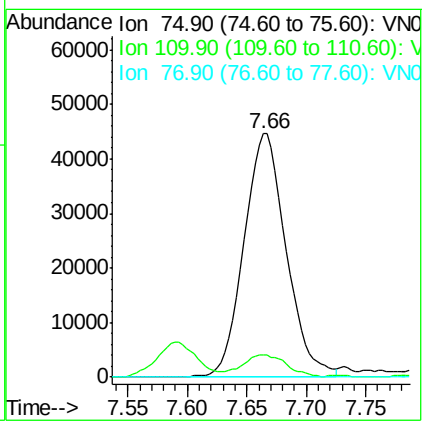


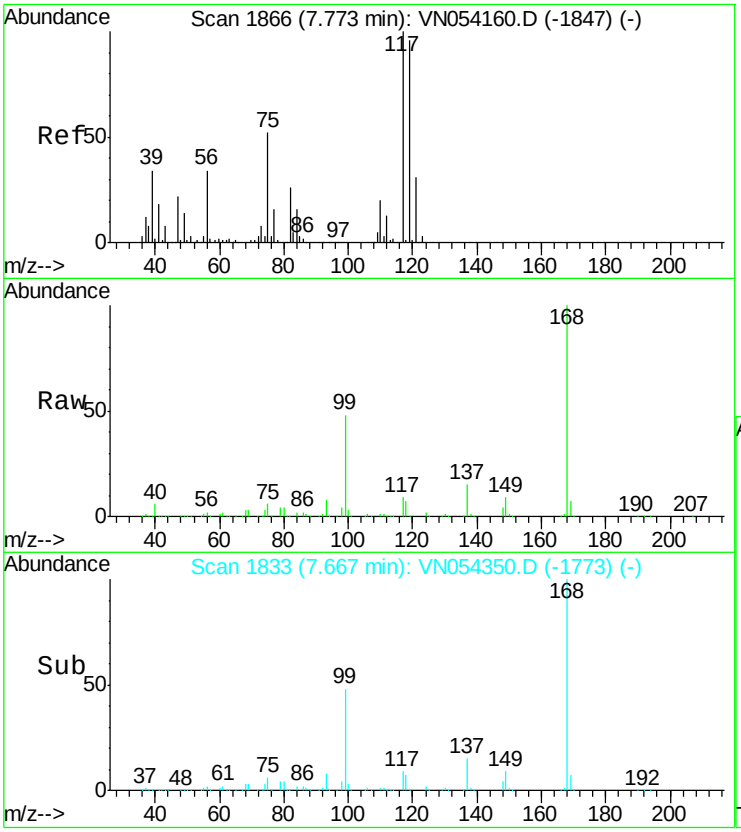


#36
1,1-Dichloropropene
Concen: 4.441 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion: 75 Resp: 109835

Ion	Ratio	Lower	Upper
75	100		
110	9.7	19.1	57.5#
77	0.0	25.0	37.4#



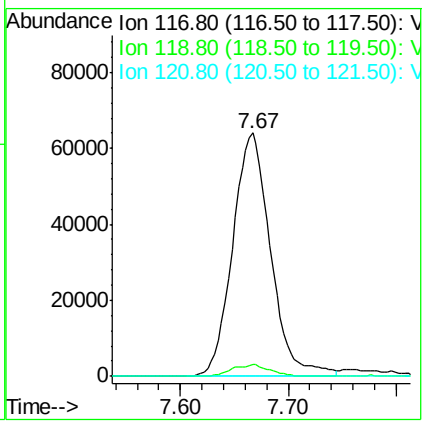


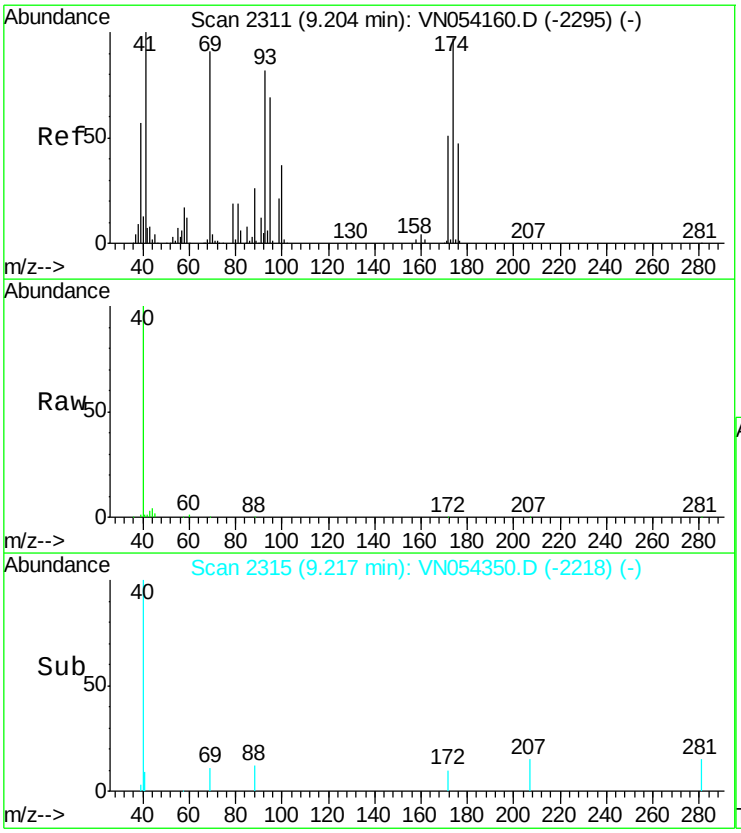
#38
Carbon Tetrachloride
Concen: 6.053 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion:117 Resp: 156975

Ion	Ratio	Lower	Upper
117	100		
119	4.8	76.3	114.5#
121	0.0	24.6	36.8#

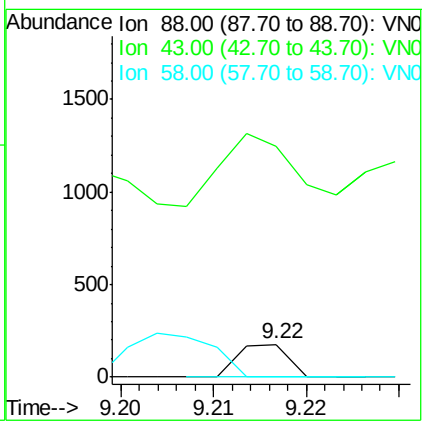


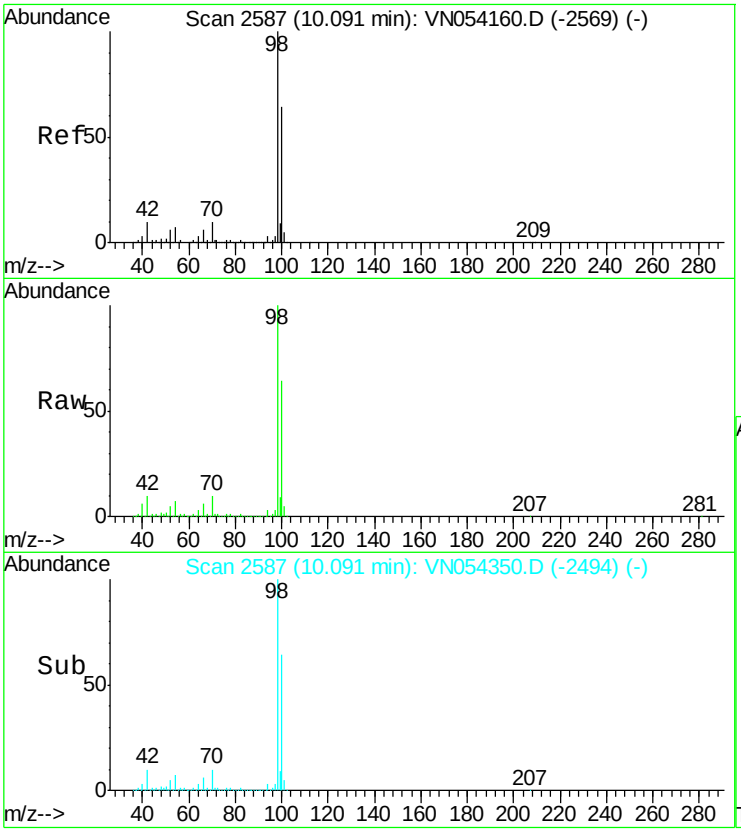


#49
1,4-Dioxane
Concen: 0.374 ug/l
RT: 9.22 min Scan# 2315
Delta R.T. 0.01 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	320.9	24.1	36.1#
58	0.0	50.8	76.2#



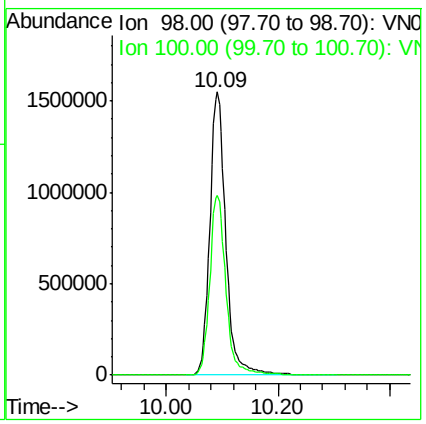


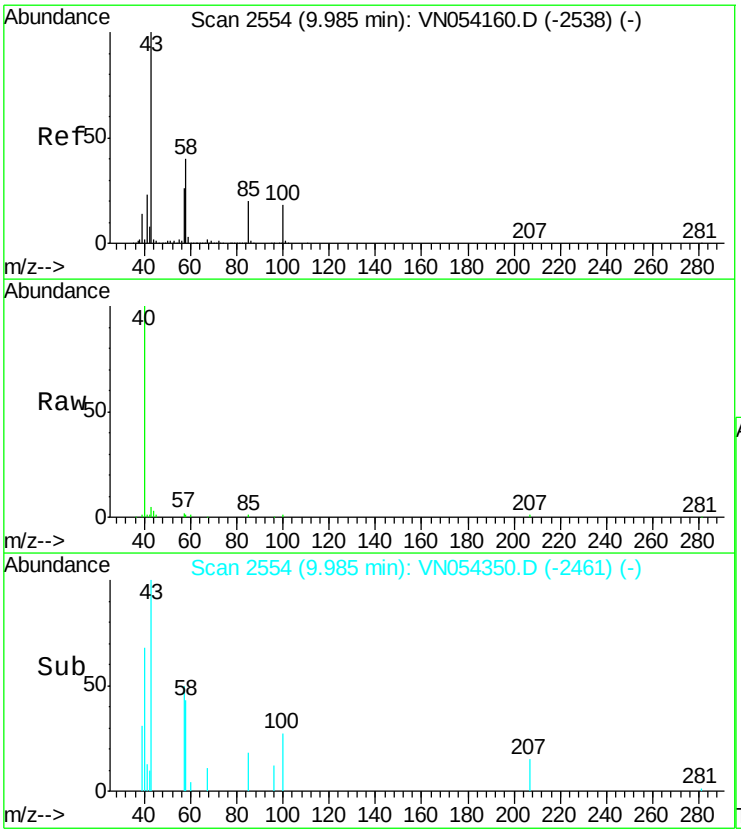
#50
Toluene-d8
Concen: 48.288 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion: 98 Resp: 3088707

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8

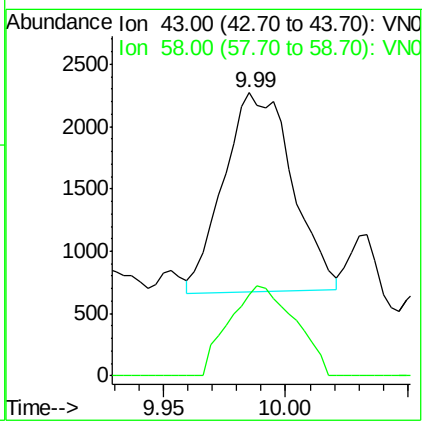


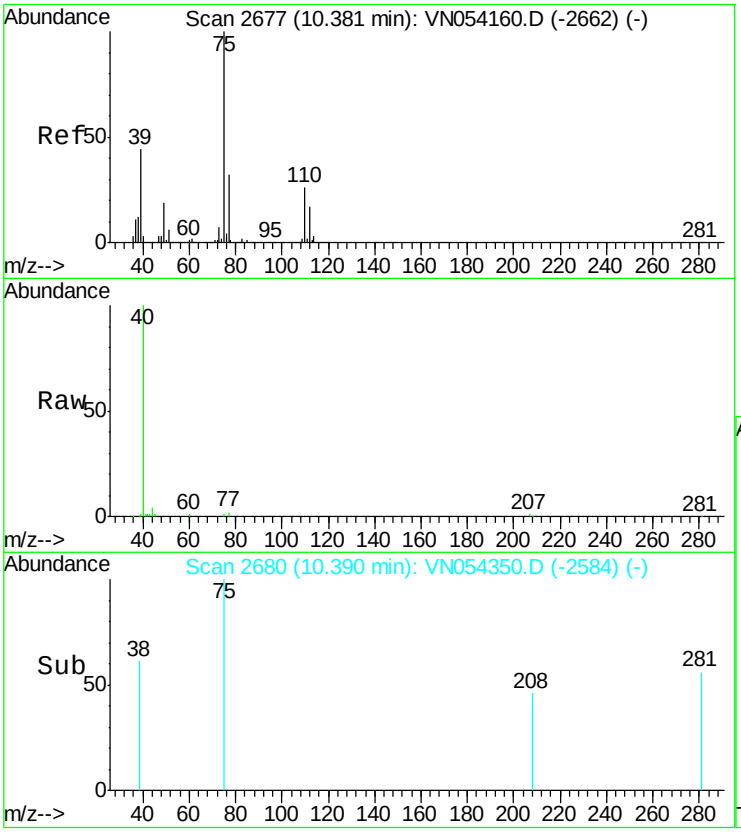


#51
4-Methyl-2-Pentanone
Concen: 0.238 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion: 43 Resp: 3137

Ion	Ratio	Lower	Upper
43	100		
58	43.4	31.8	47.6



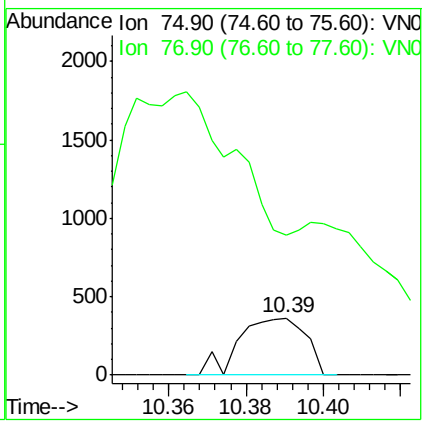


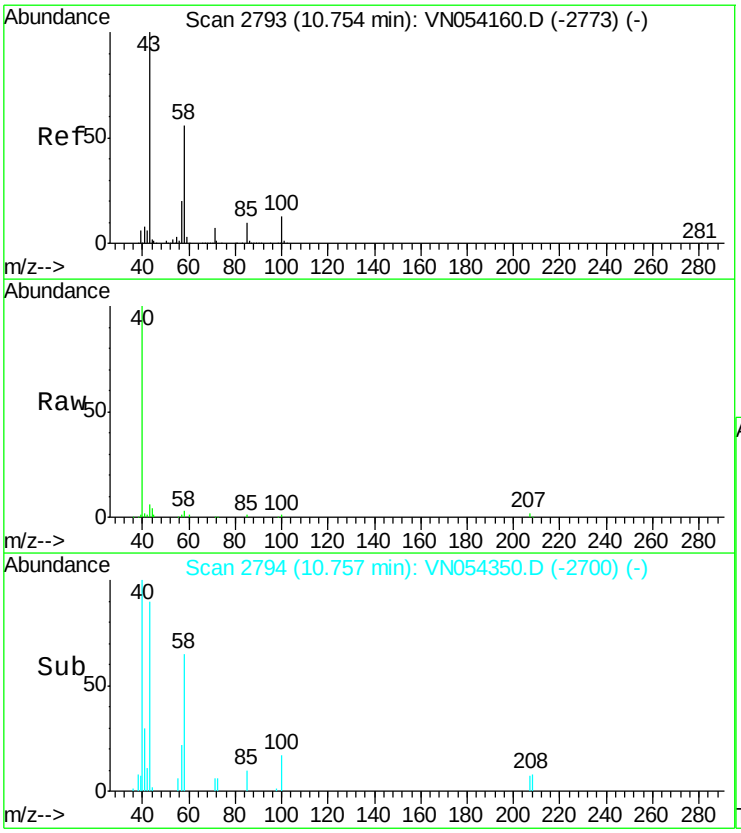
#53
t-1,3-Dichloropropene
Concen: 2.001 ug/l
RT: 10.39 min Scan# 2680
Delta R.T. 0.01 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion: 75 Resp: 436

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.8#

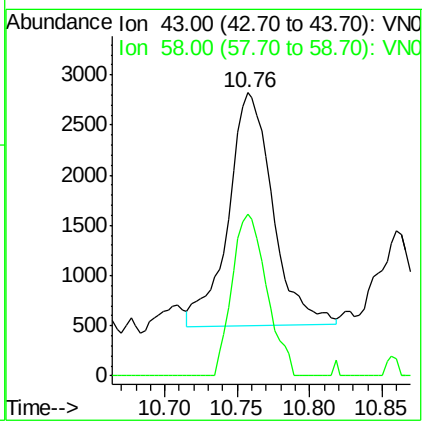


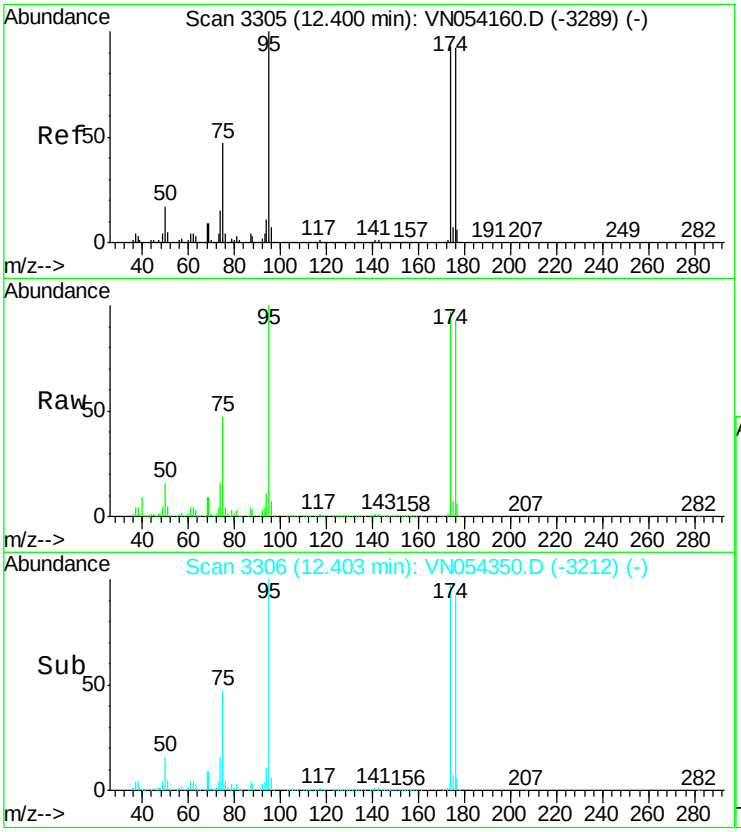


#59
2-Hexanone
Concen: 0.563 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion: 43 Resp: 4948

Ion	Ratio	Lower	Upper
43	100		
58	54.2	28.0	83.9



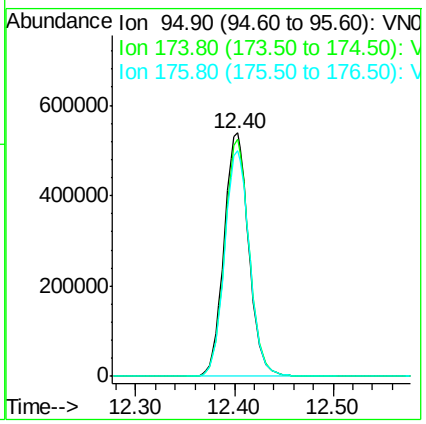


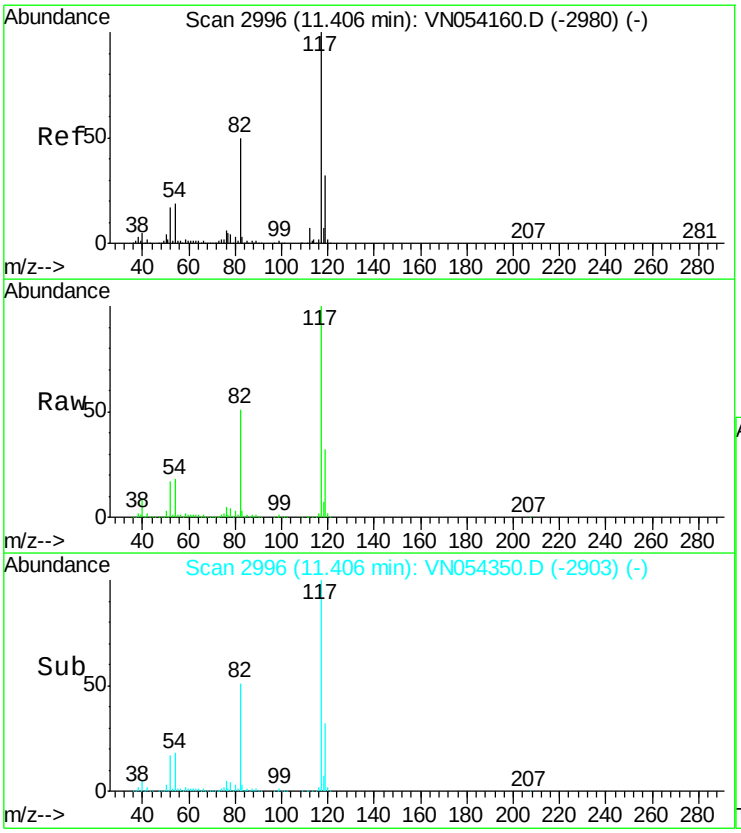
#62
4-Bromofluorobenzene
Concen: 41.962 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion: 95 Resp: 939153

Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	191.0
176	93.5	0.0	187.4

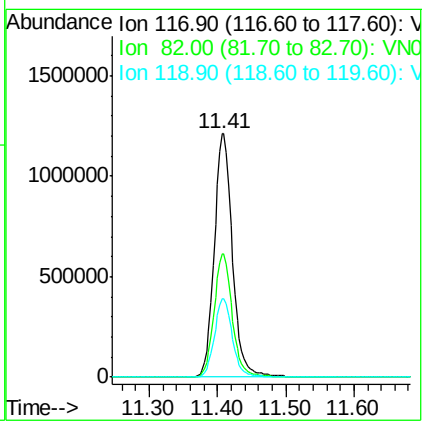


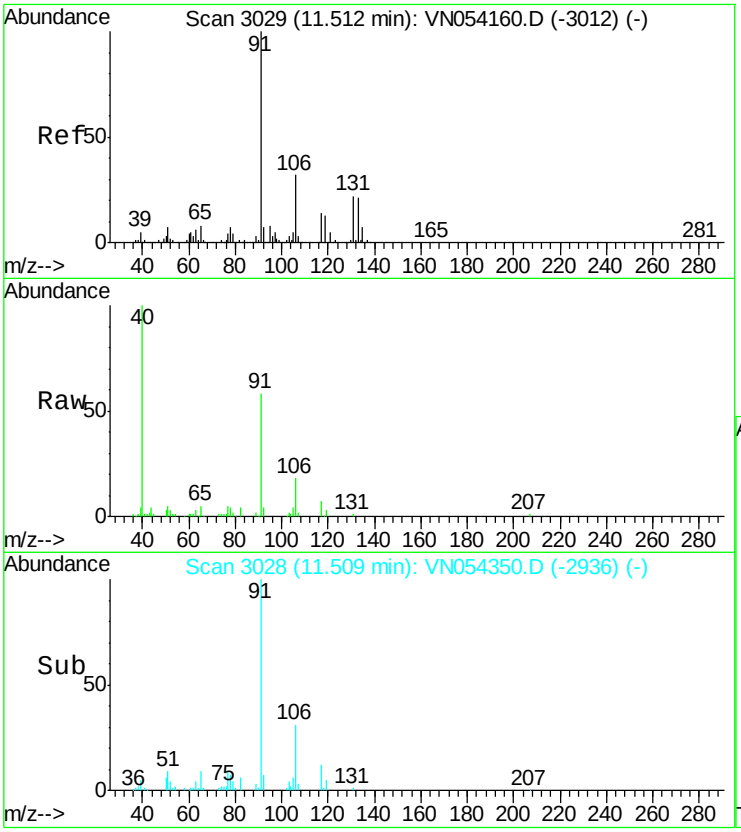


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion:117 Resp: 2236085

Ion	Ratio	Lower	Upper
117	100		
82	50.6	40.0	60.0
119	32.3	25.8	38.6



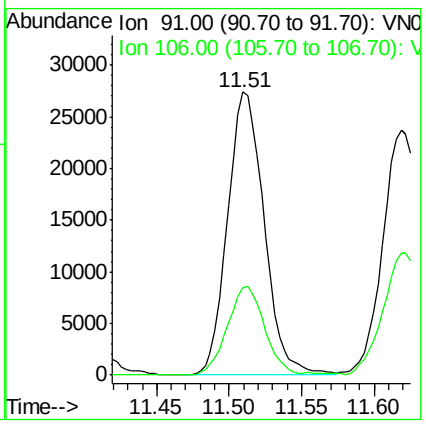


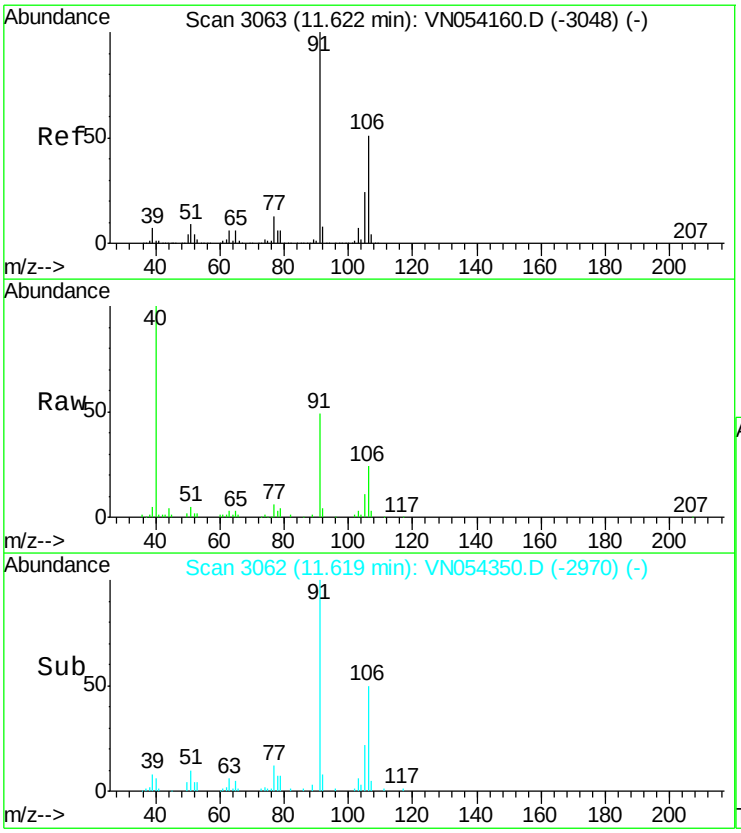
#67
Ethyl Benzene
Concen: 0.590 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument : MSVOA_N
ClientSampleId : MW-4ADL

Tgt Ion: 91 Resp: 48047

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.5	38.3

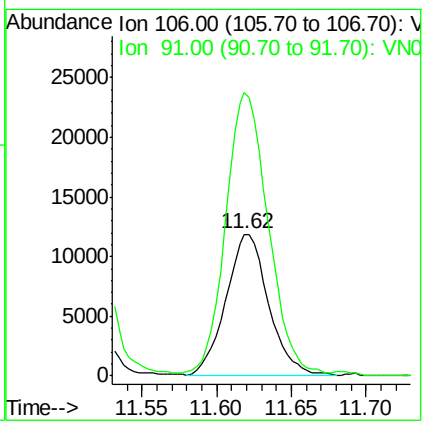


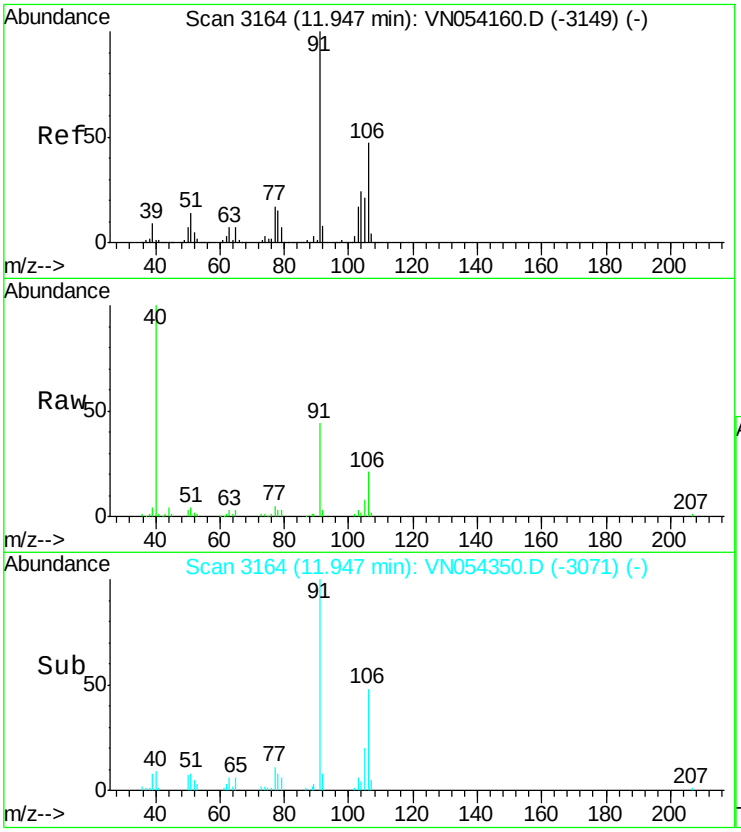


#68
m/p-Xylenes
Concen: 0.744 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion:106 Resp: 23677

Ion	Ratio	Lower	Upper
106	100		
91	194.3	159.4	239.2



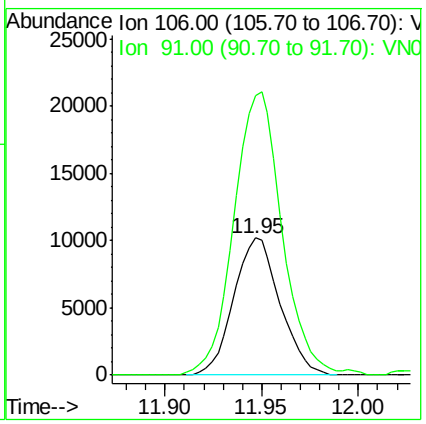


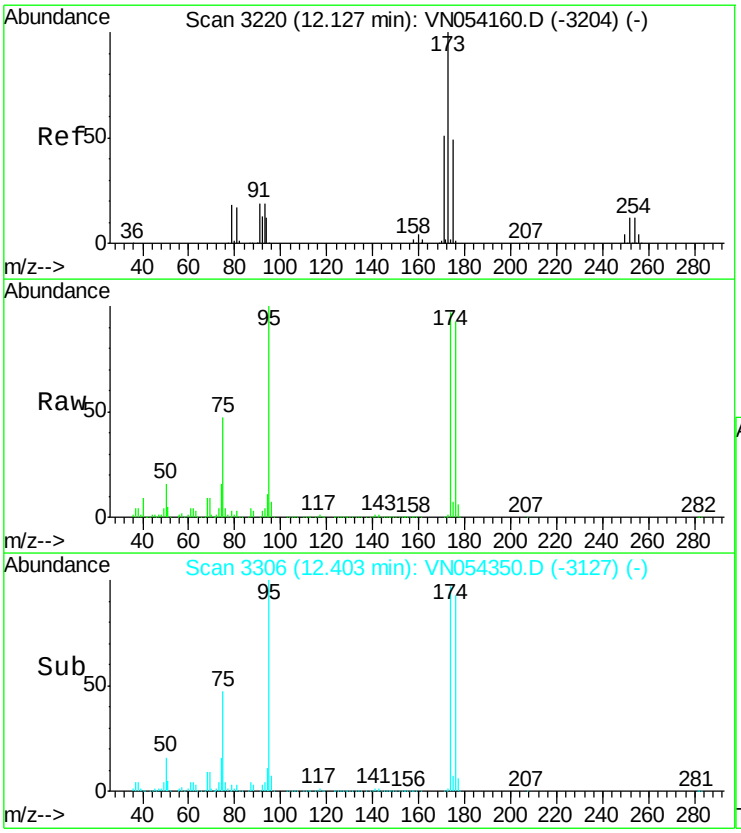
#69
o-Xylene
Concen: 0.547 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion:106 Resp: 16954

Ion	Ratio	Lower	Upper
106	100		
91	215.8	105.7	317.1

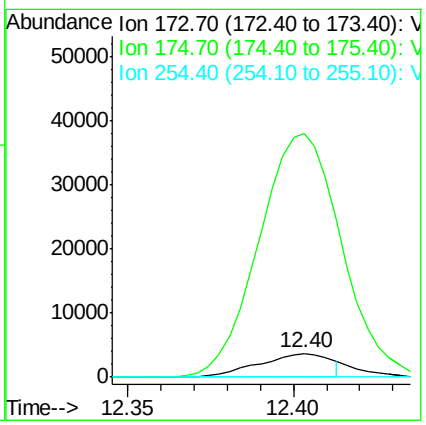


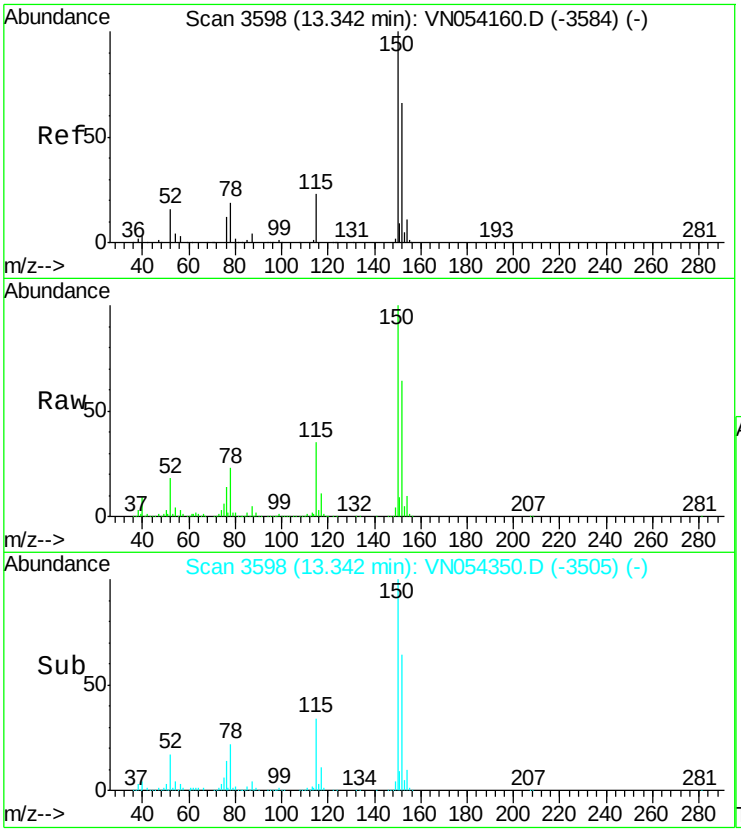


#71
Bromoform
Concen: 2.742 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion:173 Resp: 5578

Ion	Ratio	Lower	Upper
173	100		
175	1018.3	24.4	73.2#
254	0.0	0.1	0.1#



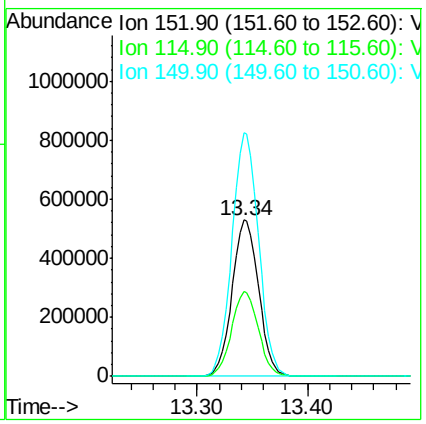


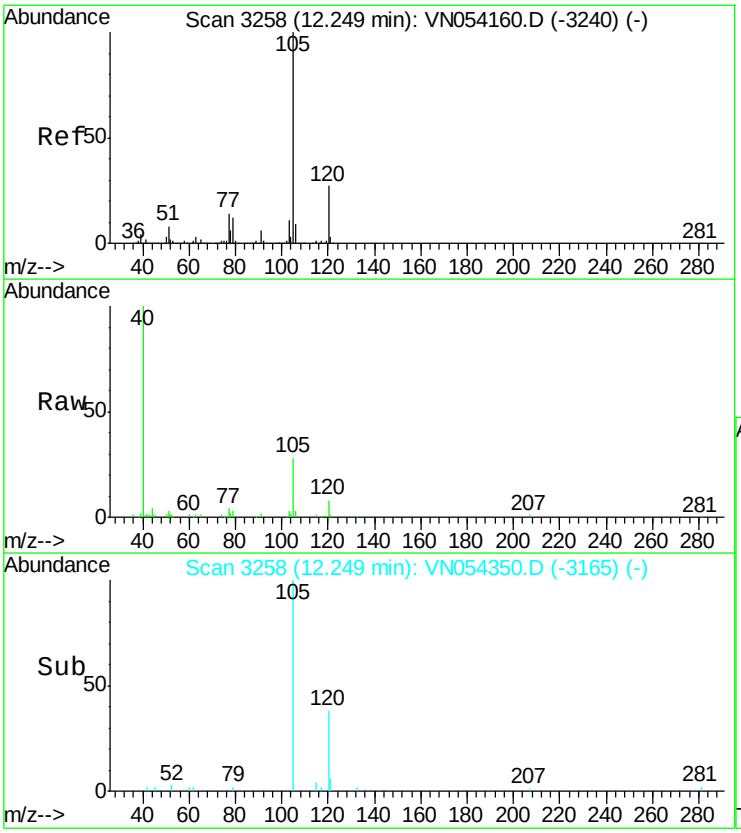
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion:152 Resp: 882593

Ion	Ratio	Lower	Upper
152	100		
115	54.4	27.2	81.6
150	155.8	0.0	349.2

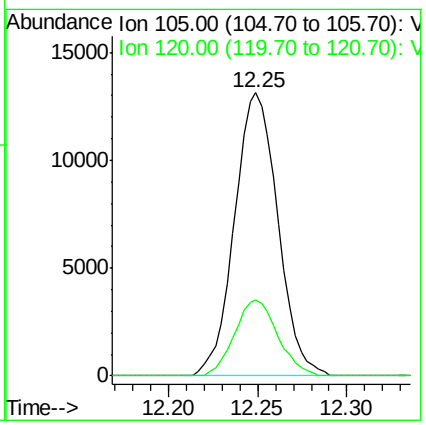


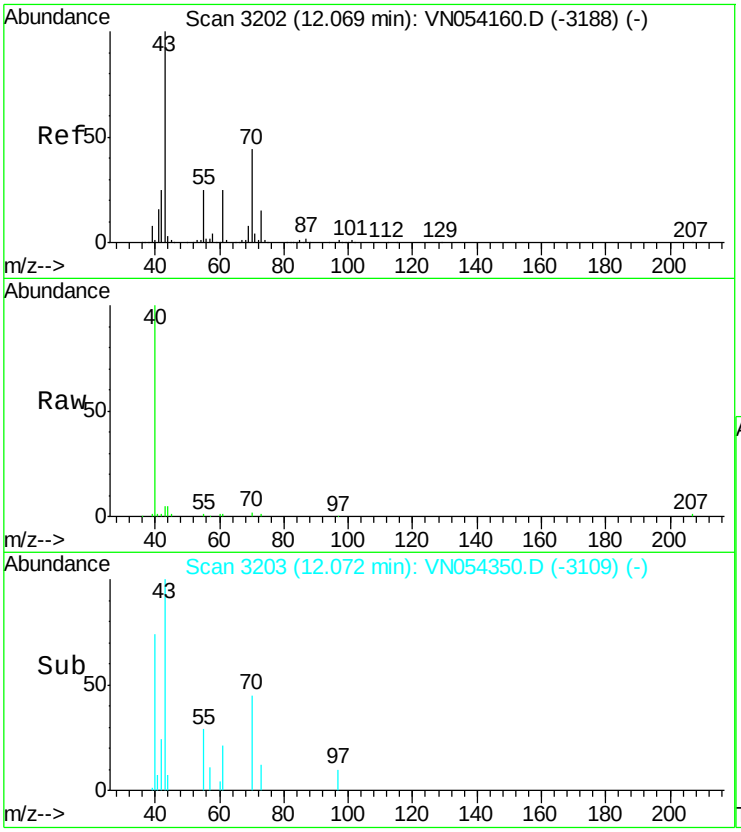


#73
Isopropylbenzene
Concen: 0.314 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion:105 Resp: 22206

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.8	41.3



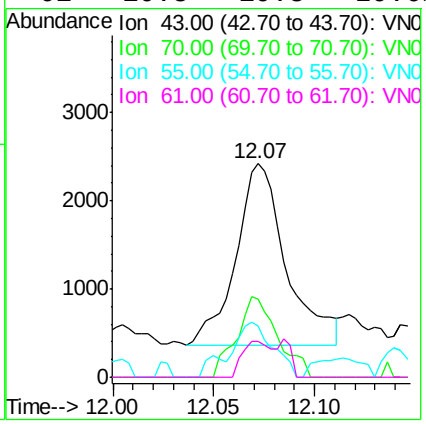


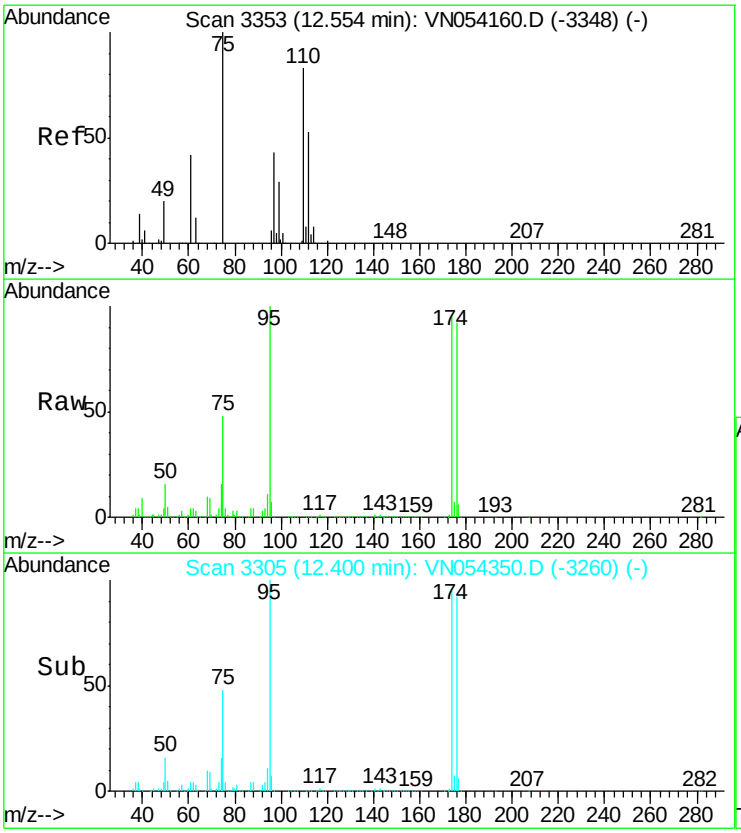
#74
N-amyl acetate
Concen: 0.229 ug/l
RT: 12.07 min Scan# 3203
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument : MSVOA_N
ClientSampleId : MW-4ADL

Tgt Ion: 43 Resp: 3590

Ion	Ratio	Lower	Upper
43	100		
70	36.3	35.4	53.0
55	21.4	19.8	29.6
61	10.8	19.8	29.6#

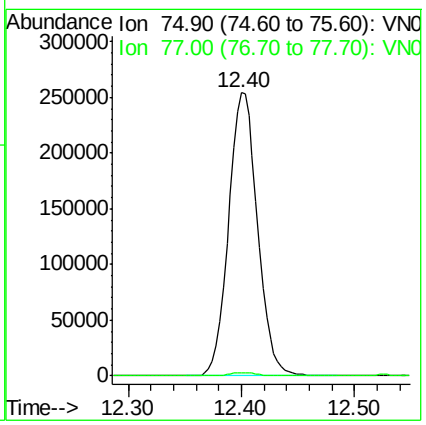


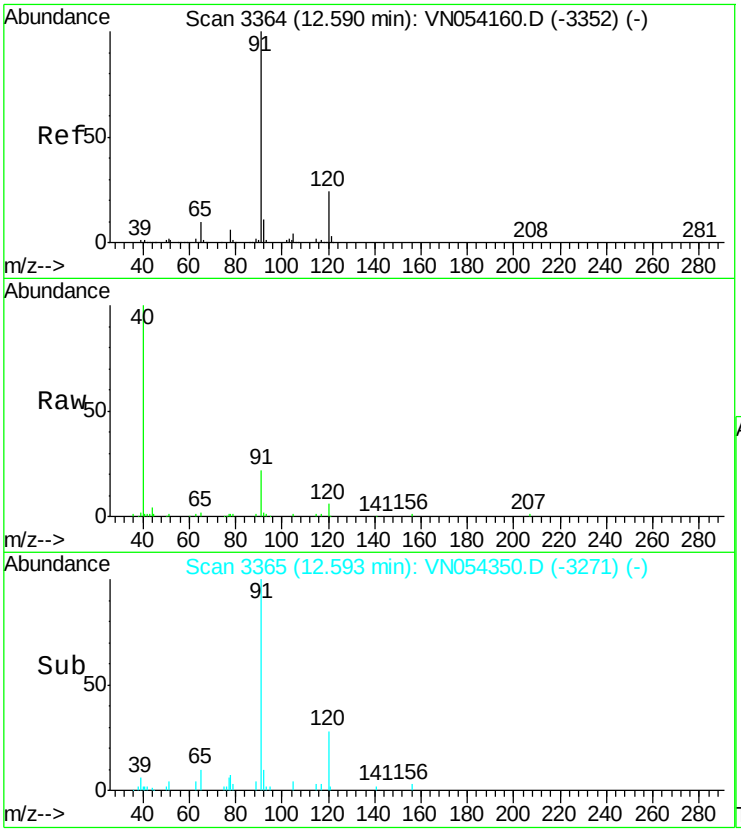


#76
1,2,3-Trichloropropane
Concen: 34.685 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion: 75 Resp: 450176

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



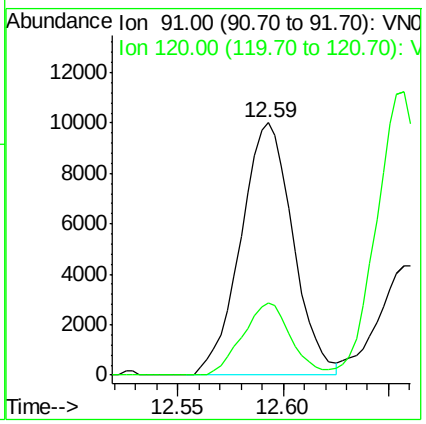


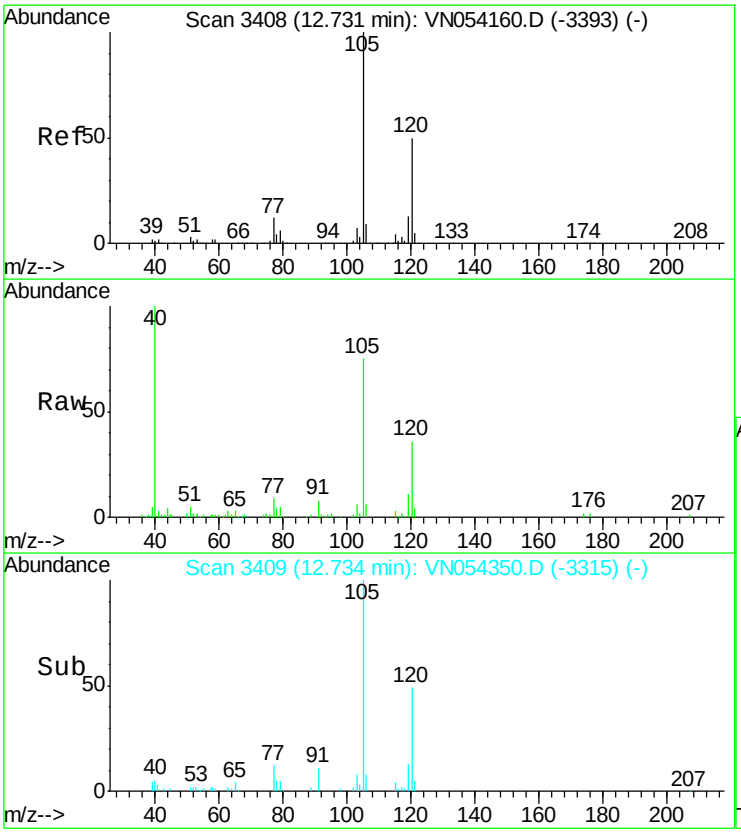
#78
n-propylbenzene
Concen: 0.225 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument : MSVOA_N
ClientSampleId : MW-4ADL

Tgt Ion: 91 Resp: 17205

Ion	Ratio	Lower	Upper
91	100		
120	26.1	12.3	36.9

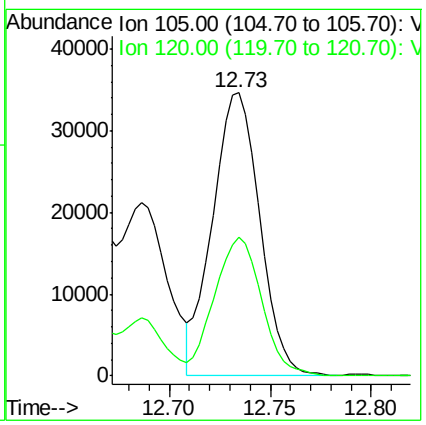


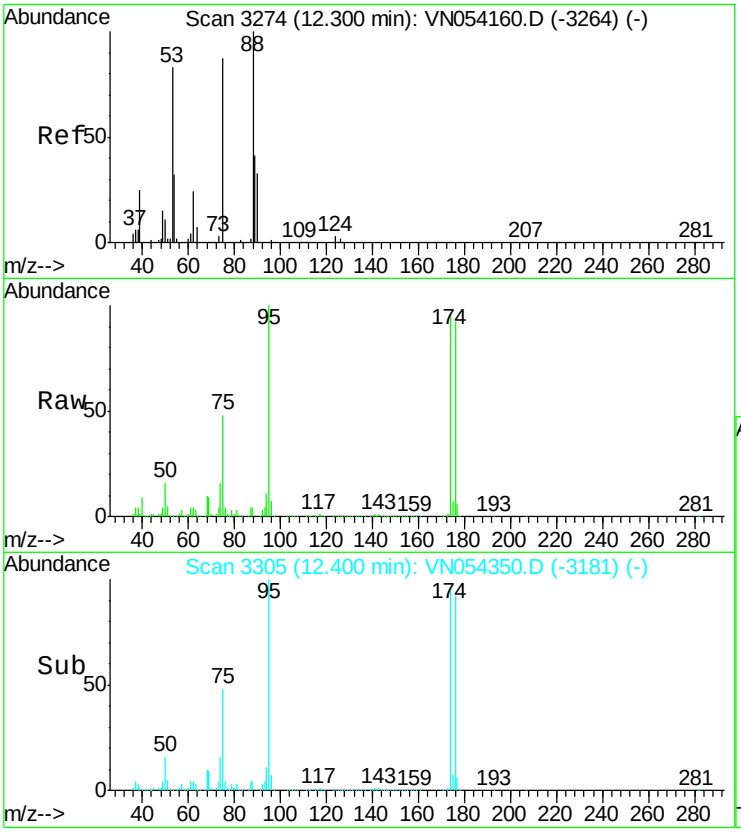


#80
1,3,5-Trimethylbenzene
Concen: 0.964 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion:105 Resp: 56647

Ion	Ratio	Lower	Upper
105	100		
120	49.0	25.0	75.0



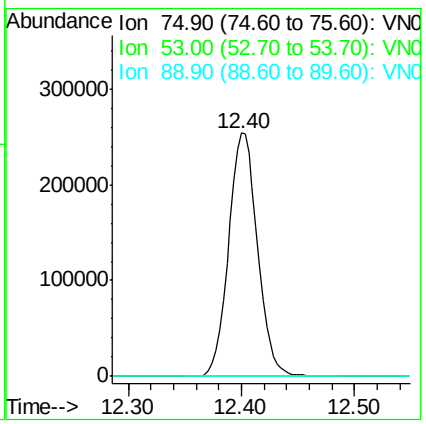


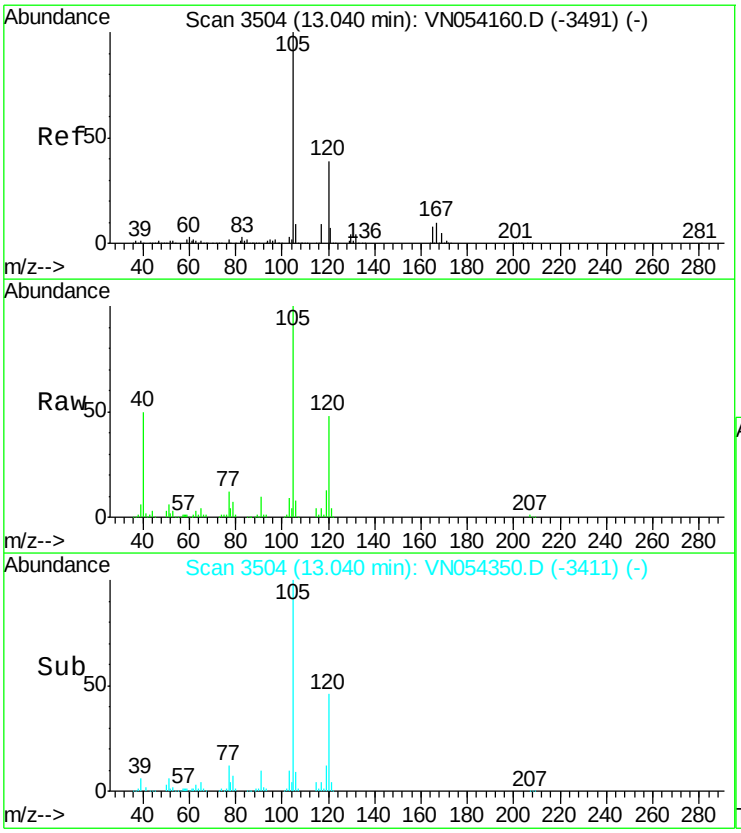
#81
trans-1,4-Dichloro-2-butene
Concen: 118.569 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion: 75 Resp: 450176

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

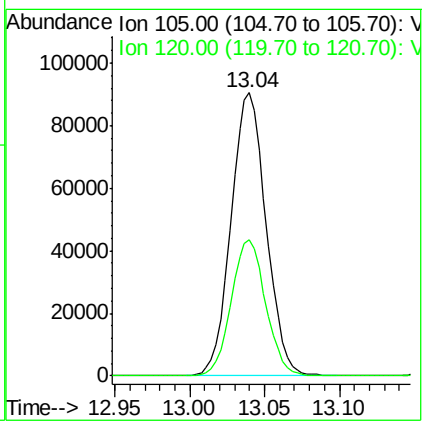


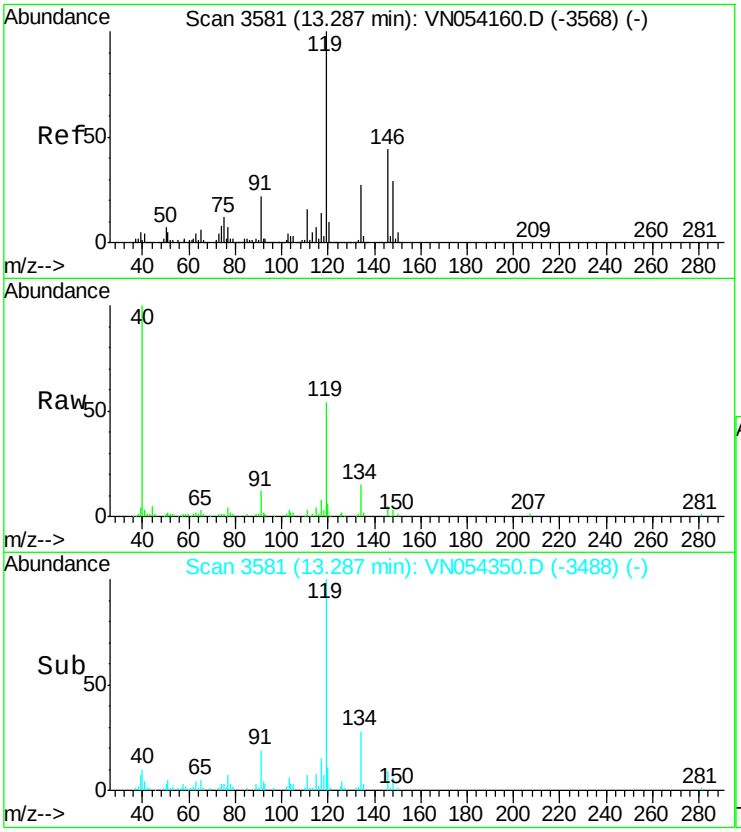


#84
1,2,4-Trimethylbenzene
Concen: 2.559 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion:105 Resp: 147478

Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.4	70.3



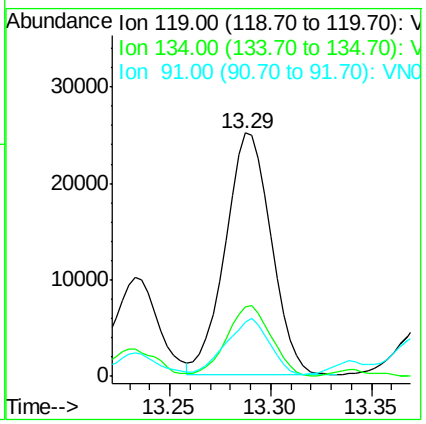


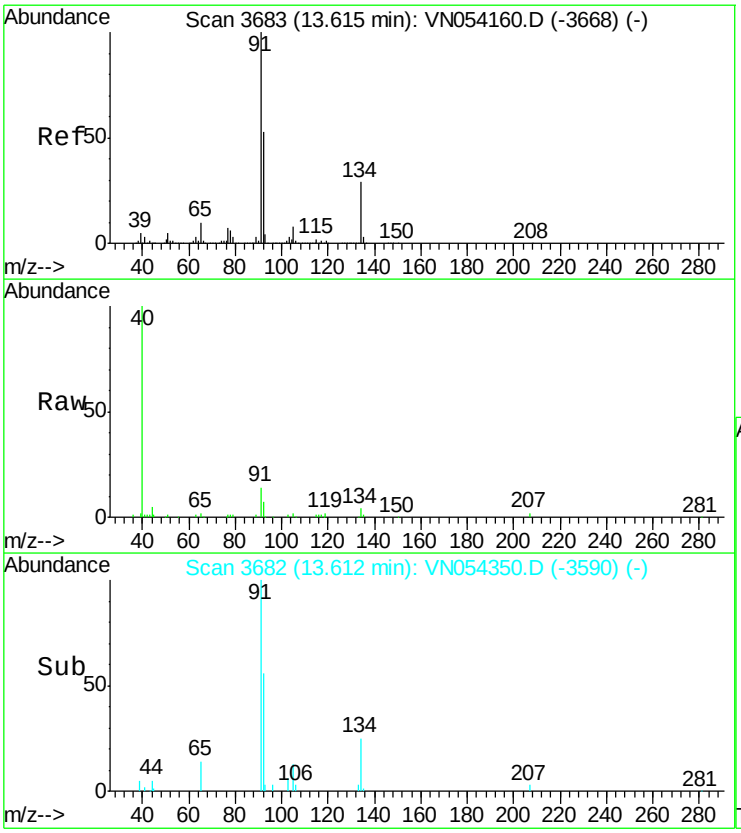
#86
p-Isopropyltoluene
Concen: 0.648 ug/l
RT: 13.29 min Scan# 3581
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion:119 Resp: 39839

Ion	Ratio	Lower	Upper
119	100		
134	28.5	13.6	40.8
91	21.6	11.1	33.3

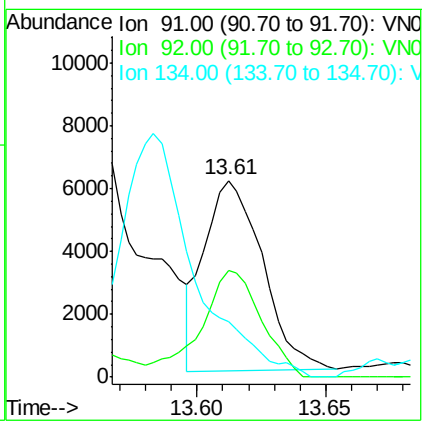


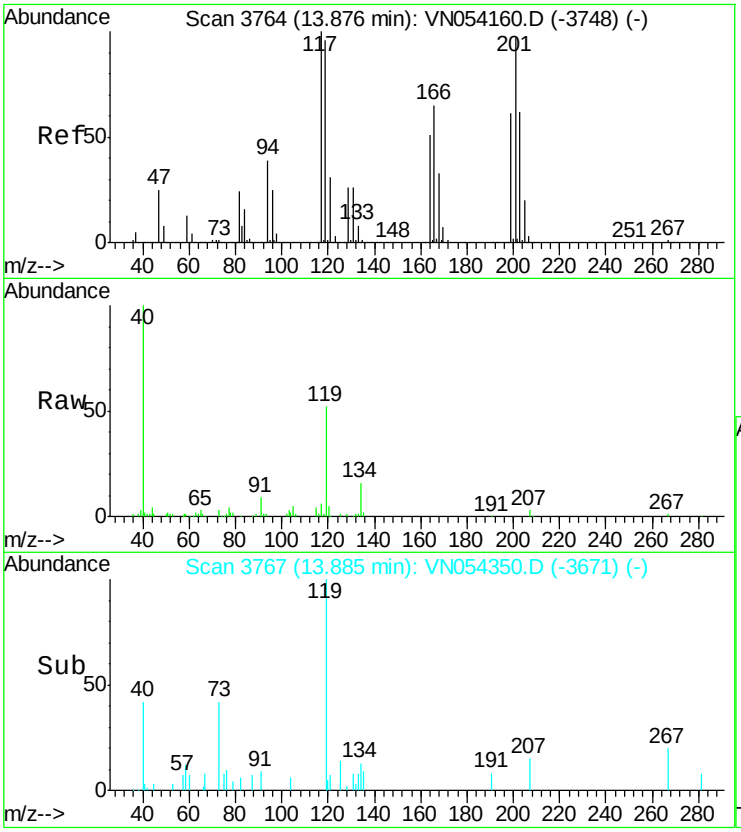


#89
n-Butylbenzene
Concen: 0.203 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion: 91 Resp: 9476

Ion	Ratio	Lower	Upper
91	100		
92	58.6	26.2	78.6
134	0.0	14.3	42.9#



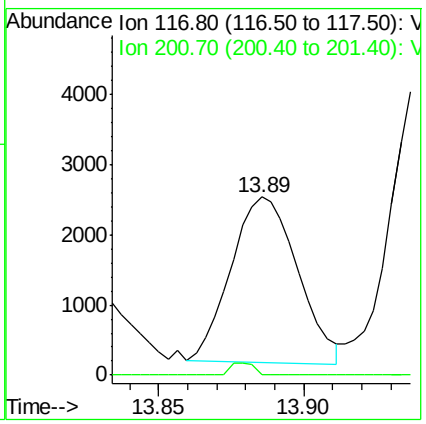


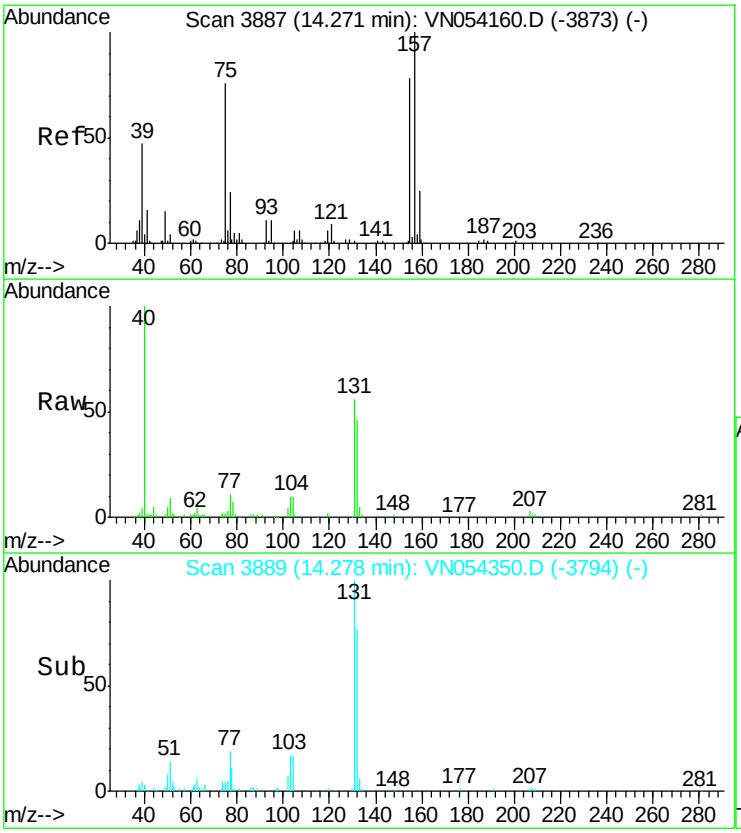
#90
Hexachloroethane
Concen: 0.370 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion:117 Resp: 3772

Ion	Ratio	Lower	Upper
117	100		
201	2.6	48.1	144.4#

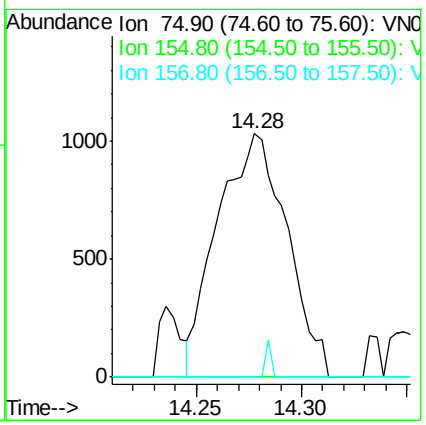


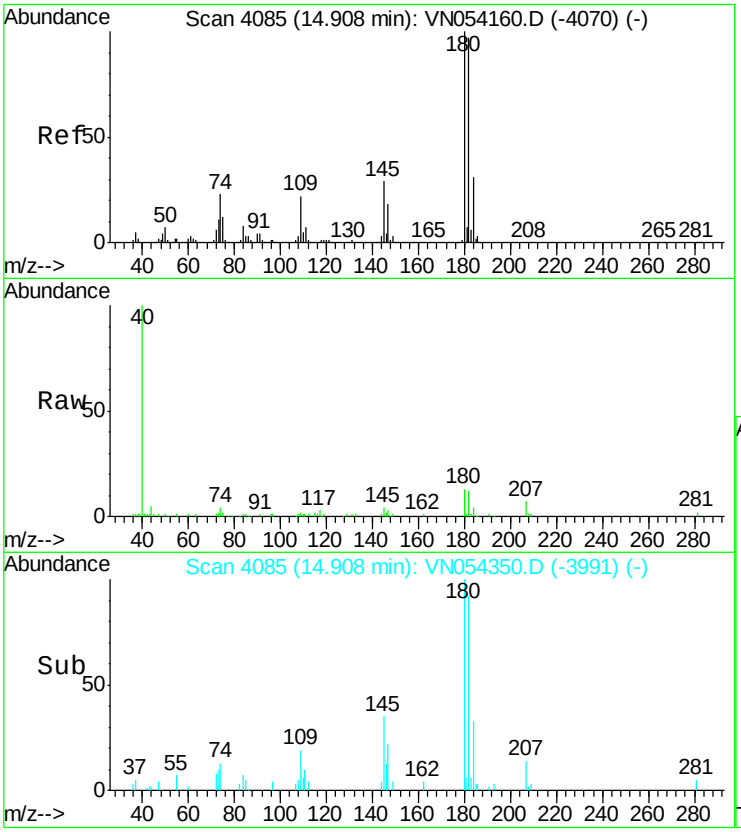


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.012 ug/l
RT: 14.28 min Scan# 3889
Delta R.T. 0.01 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion: 75 Resp: 2357

Ion	Ratio	Lower	Upper
75	100		
155	0.0	50.1	150.3#
157	1.3	63.1	189.3#



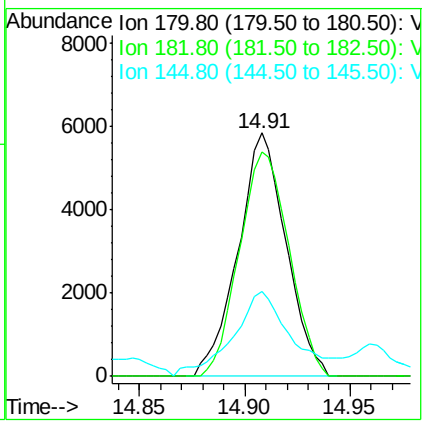


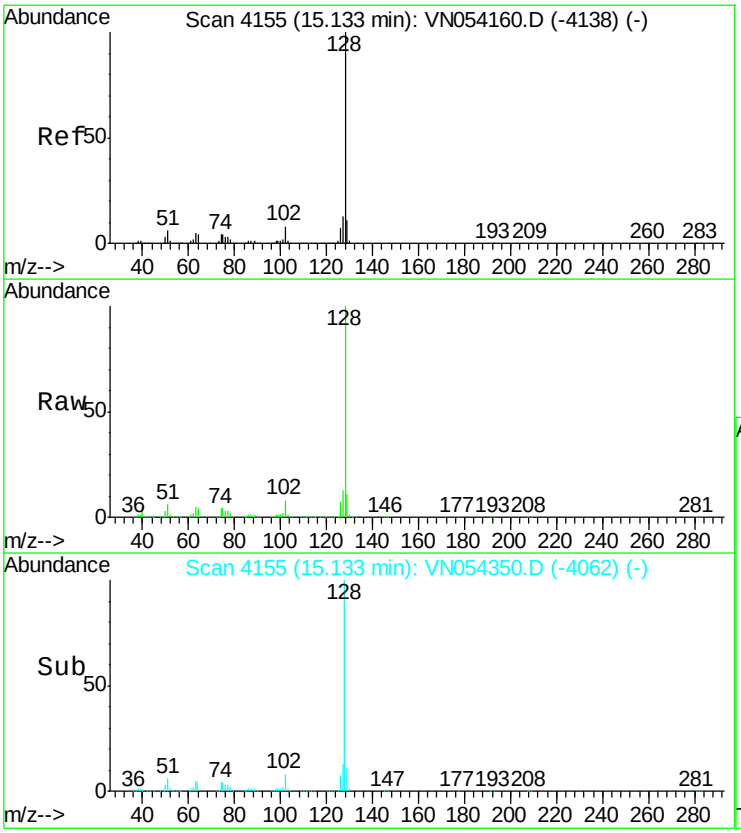
#93
1,2,4-Trichlorobenzene
Concen: 2.990 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion:180 Resp: 9259

Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.2
145	42.6	14.2	42.8

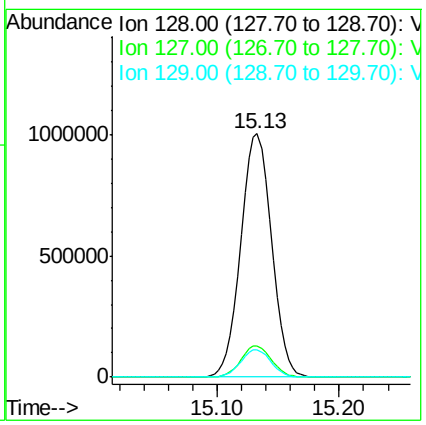


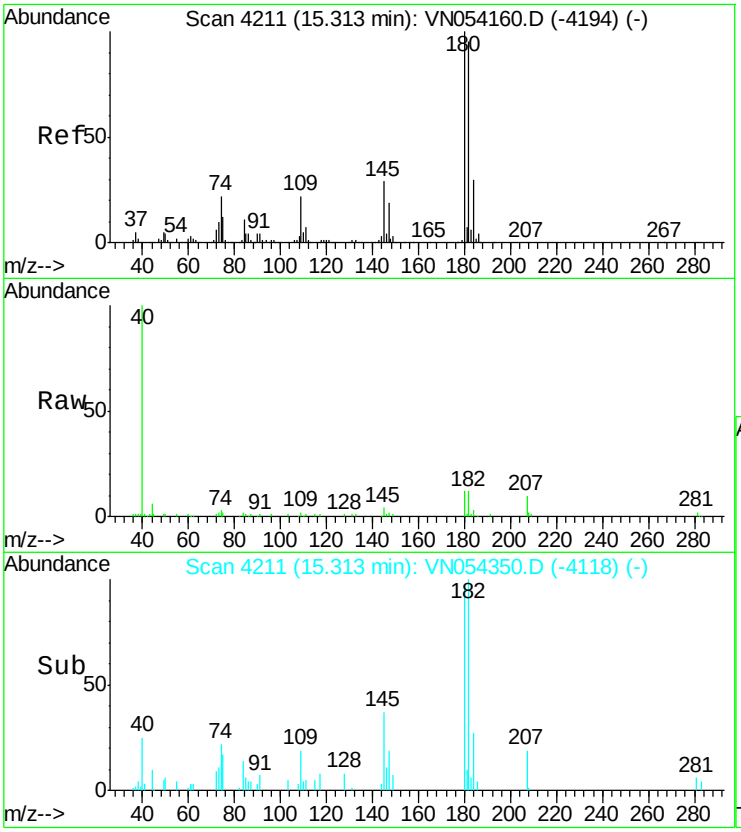


#95
Naphthalene
Concen: 45.392 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Tgt Ion:128 Resp: 1743862

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	11.0	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.604 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN054350.D
Acq: 16 Mar 2019 21:19

Instrument :
MSVOA_N
ClientSampleId :
MW-4ADL

Tgt Ion:180 Resp: 9872

Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.6
145	0.0	14.8	44.3#