Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054393.D
Acq On : 18 Mar 2019 14:54
Operator : JC/SP
Sample : K1960-04DL
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 19 05:12:17 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	7.66	168	1919392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2739007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2309606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	829089	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	921940	45.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.46%			
35) Dibromofluoromethane	7.59	113	821954	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.06%			
50) Toluene-d8	10.09	98	3151781	48.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.62%			
62) 4-Bromofluorobenzene	12.40	95	943170	41.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.64%			
Target Compounds						Qvalue
10) Methyl Iodide	3.94	142	1055	1.533	ug/l #	62
13) Acrolein	3.62	56	4254	3.213	ug/l #	14
16) Acetone	3.82	43	1939849	332.371	ug/l	97
18) Methyl Acetate	4.33	43	3532	0.299	ug/l #	74
31) Cyclohexane	7.66	56	28327	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	112307	4.452	ug/l #	48
38) Carbon Tetrachloride	7.67	117	154508	5.841	ug/l #	16
49) 1,4-Dioxane	9.21	88	68	0.372	ug/l #	1
51) 4-Methyl-2-Pentanone	10.09	43	10050	0.746	ug/l #	1
53) t-1,3-Dichloropropene	10.37	75	308	1.997	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.70	63	60	16.834	ug/l #	44
59) 2-Hexanone	10.76	43	5363	0.599	ug/l	98
68) m/p-Xylenes	11.62	106	9794	0.298	ug/l	94
71) Bromoform	12.40	173	5678	2.736	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	446103	36.589	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	446103	125.079	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	14361	0.265	ug/l	91
93) 1,2,4-Trichlorobenzene	14.90	180	5407	2.811	ug/l	89
94) Hexachlorobutadiene	15.01	225	2556	0.232	ug/l	83
95) Naphthalene	15.13	128	25006	4.110	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	6595	0.429	ug/l	92

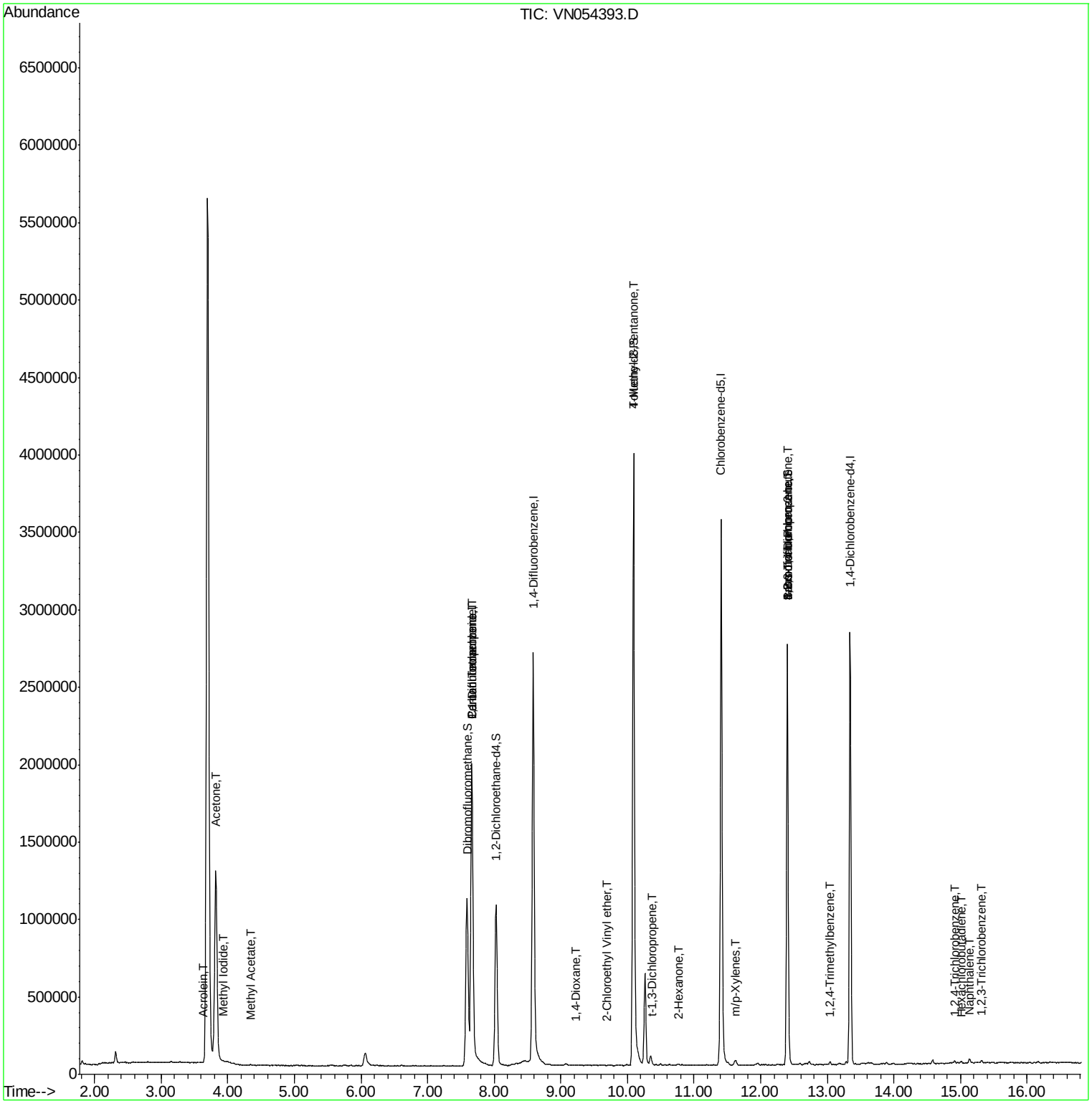
(#) = qualifier out of range (m) = manual integration (+) = signals summed

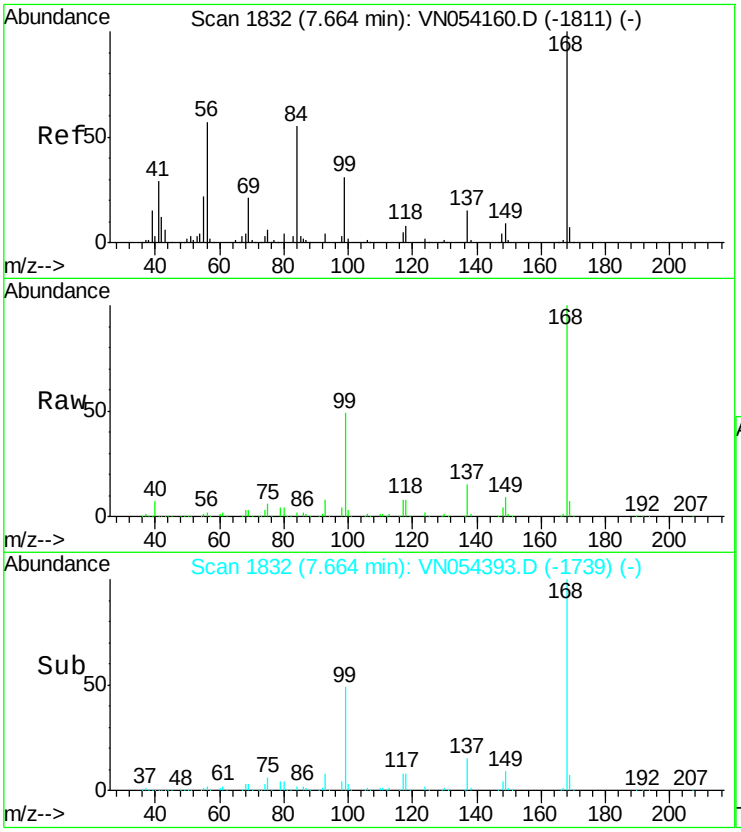
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054393.D
Acq On : 18 Mar 2019 14:54
Operator : JC/SP
Sample : K1960-04DL
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Mar 19 05:12:17 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



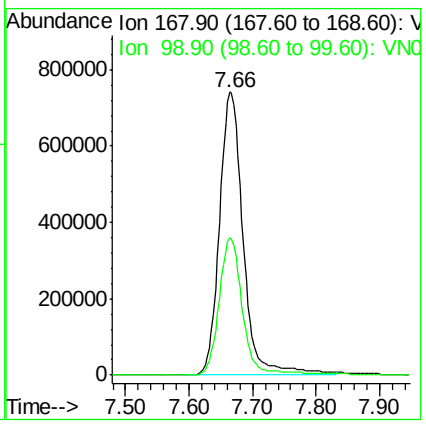


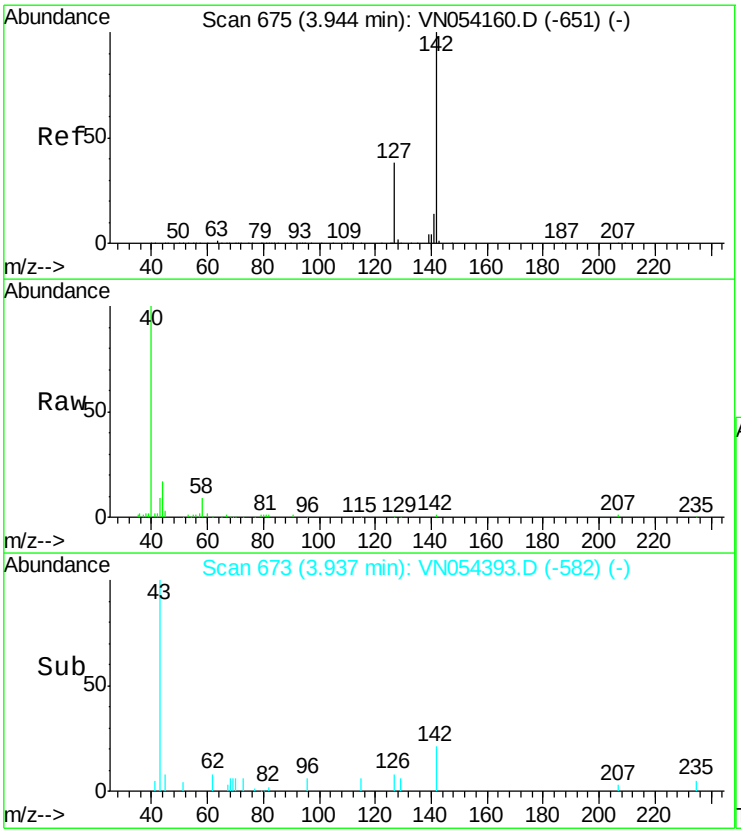
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1919392

Ion	Ratio	Lower	Upper
168	100		
99	48.7	37.1	55.7

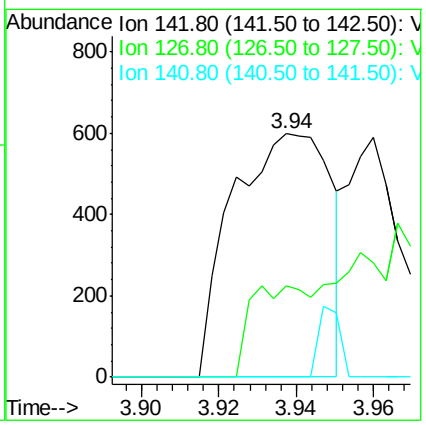


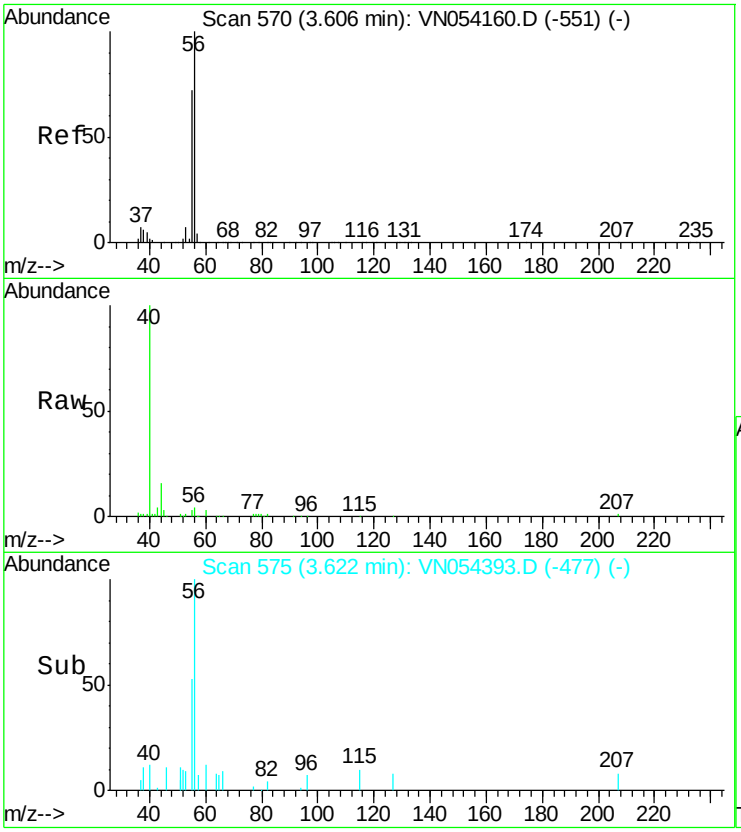


#10
Methyl Iodide
Concen: 1.533 ug/l
RT: 3.94 min Scan# 673
Delta R.T. -0.01 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion:142 Resp: 1055

Ion	Ratio	Lower	Upper
142	100		
127	11.1	30.3	45.5#
141	6.1	11.2	16.8#



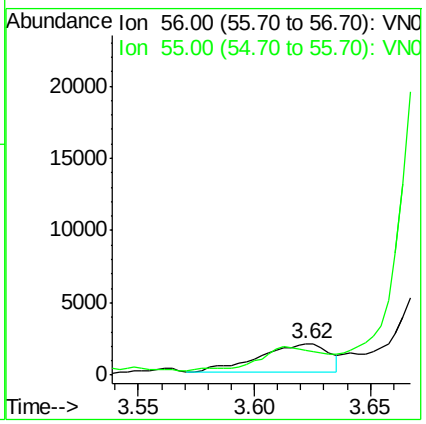


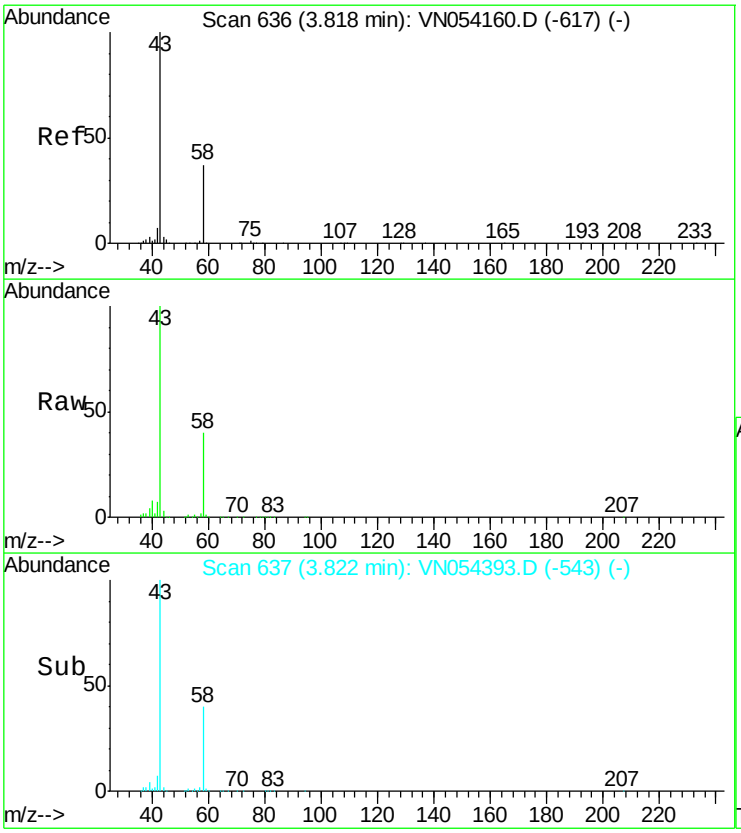
#13
Acrolein
Concen: 3.213 ug/l
RT: 3.62 min Scan# 575
Delta R.T. 0.02 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 4254

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#

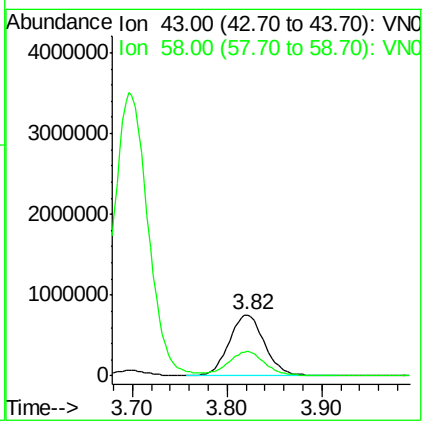


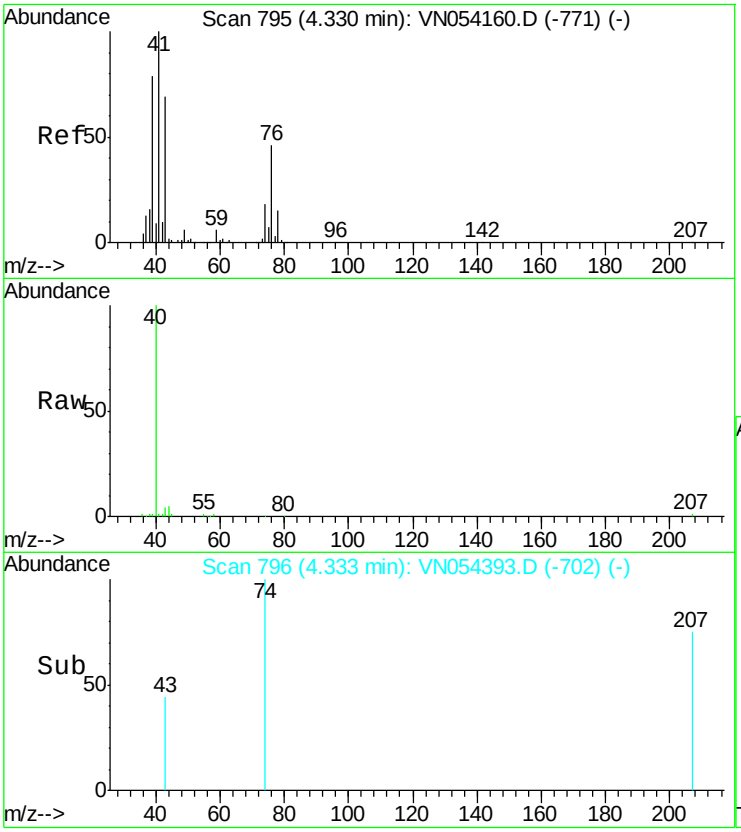


#16
Acetone
Concen: 332.371 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion: 43 Resp: 1939849

Ion	Ratio	Lower	Upper
43	100		
58	39.3	29.9	44.9



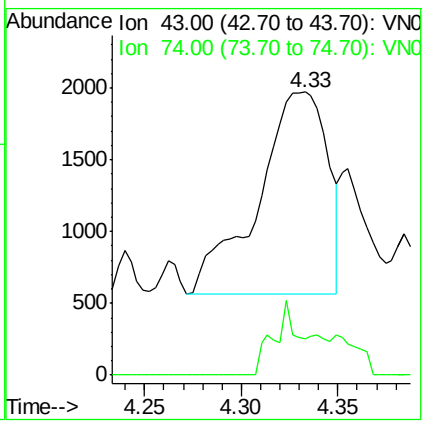


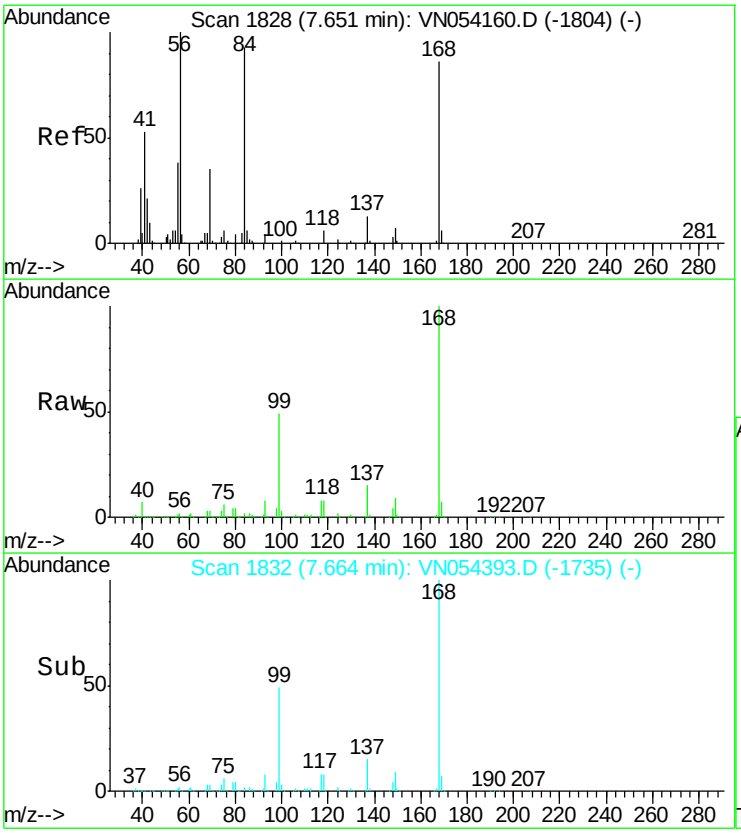
#18
Methyl Acetate
Concen: 0.299 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 3532

Ion	Ratio	Lower	Upper
43	100		
74	12.5	20.8	31.2#

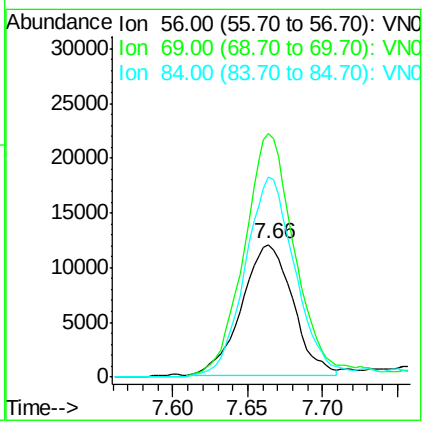


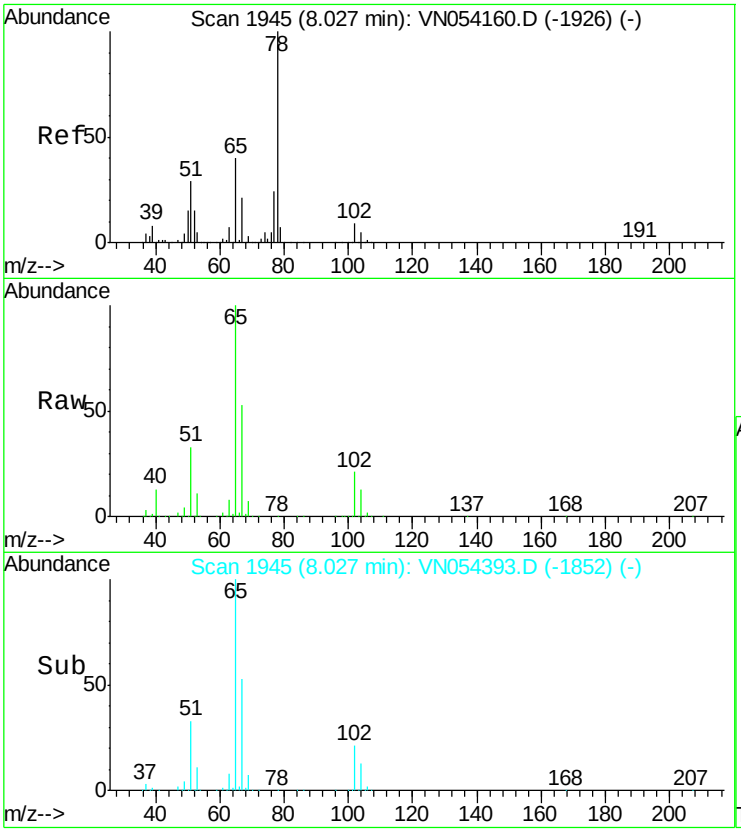


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion: 56 Resp: 28327

Ion	Ratio	Lower	Upper
56	100		
69	186.9	27.8	41.6#
84	153.7	74.6	111.8#



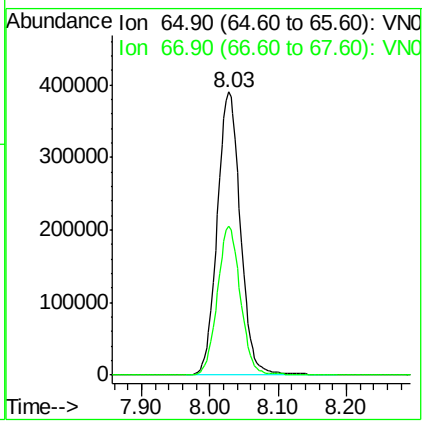


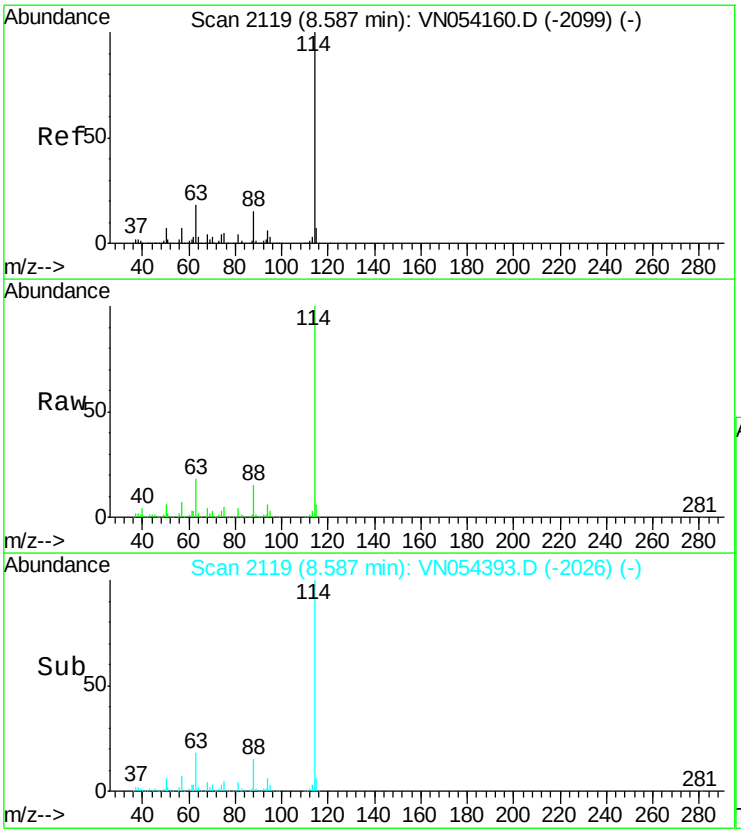
#33
1,2-Dichloroethane-d4
Concen: 45.229 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 921940

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.6

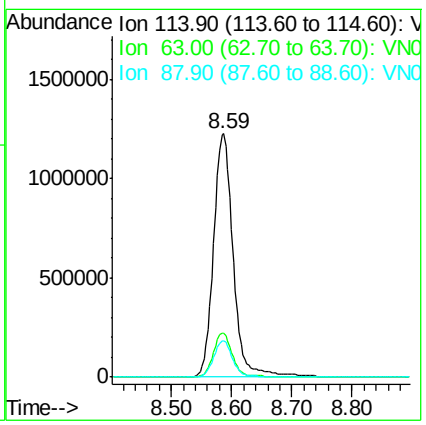


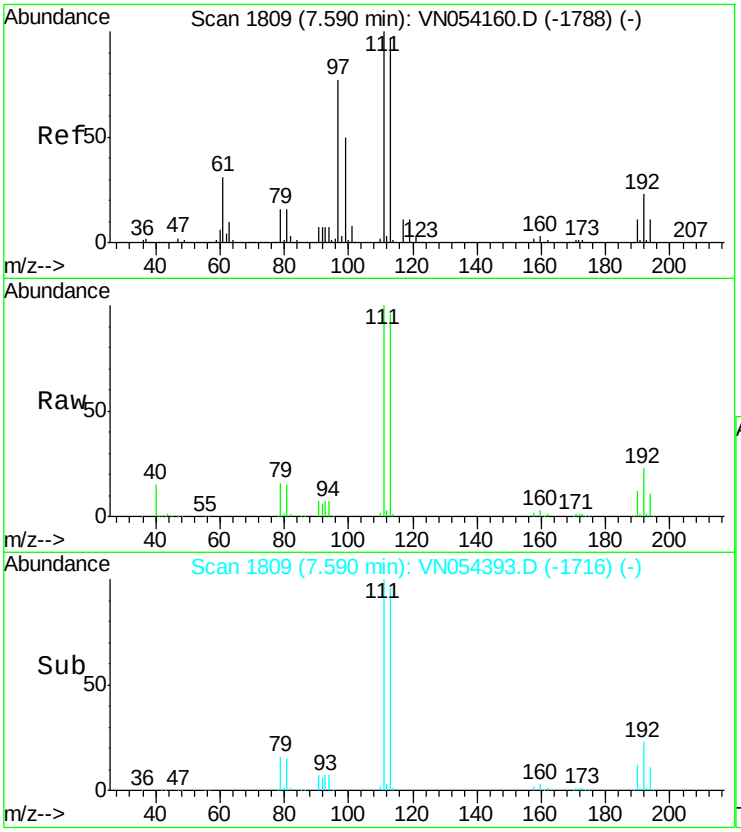


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion:114 Resp: 2739007

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.2
88	15.0	0.0	30.2



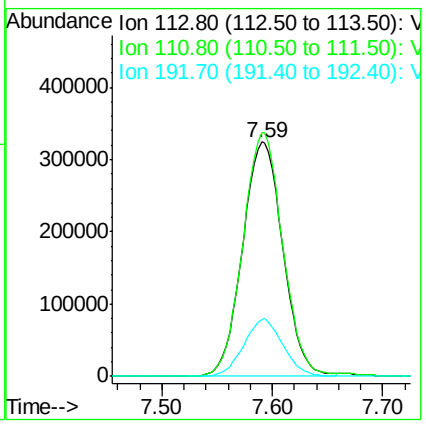


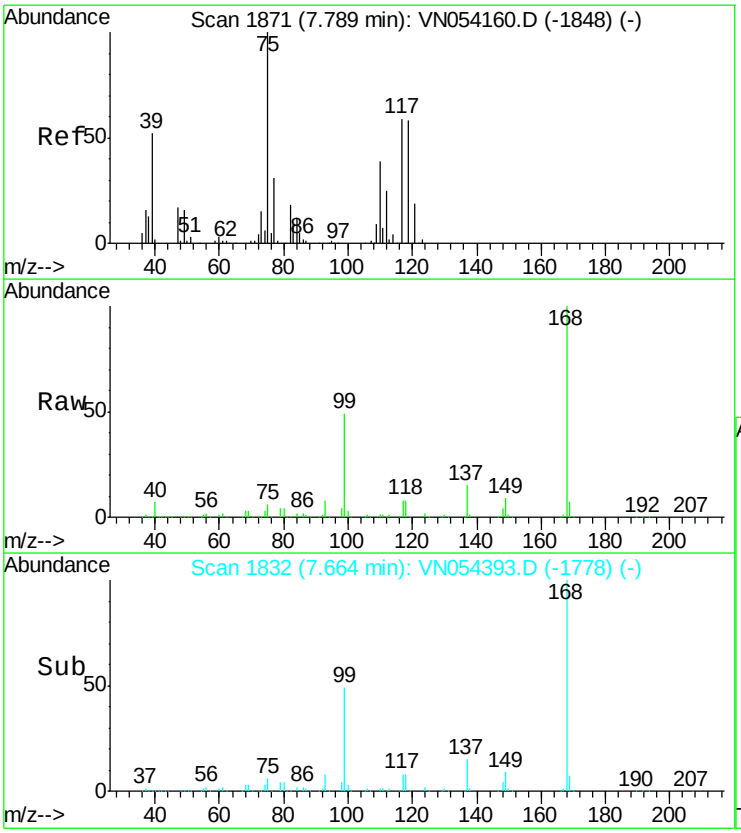
#35
Dibromofluoromethane
Concen: 46.529 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:113 Resp: 821954

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	23.9	19.2	28.8

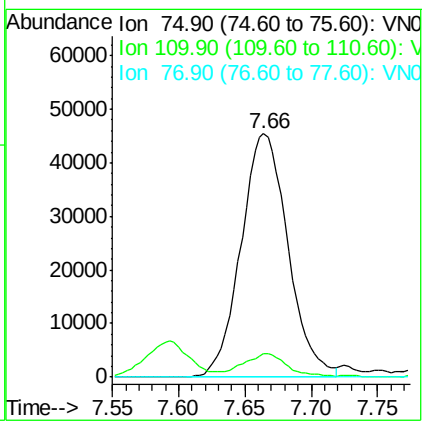


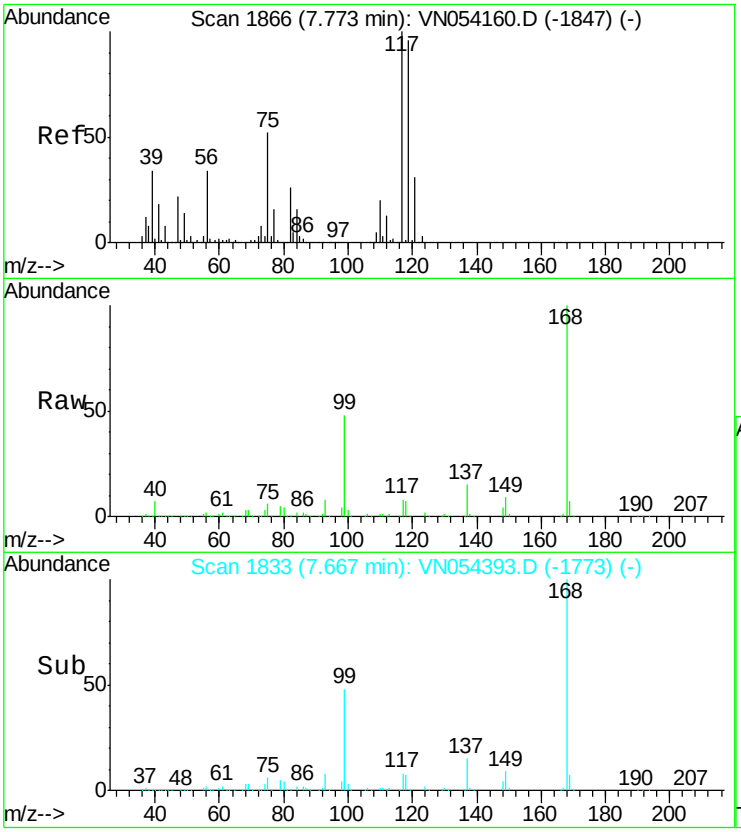


#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion: 75 Resp: 112307

Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.1	57.5#
77	0.0	25.0	37.4#



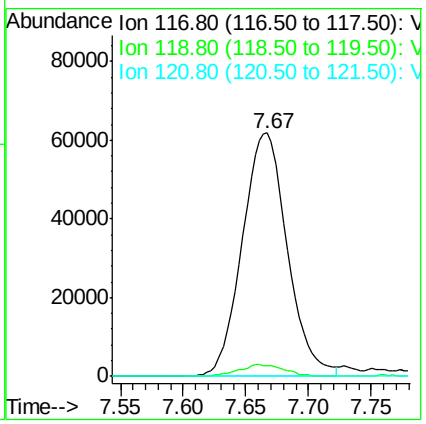


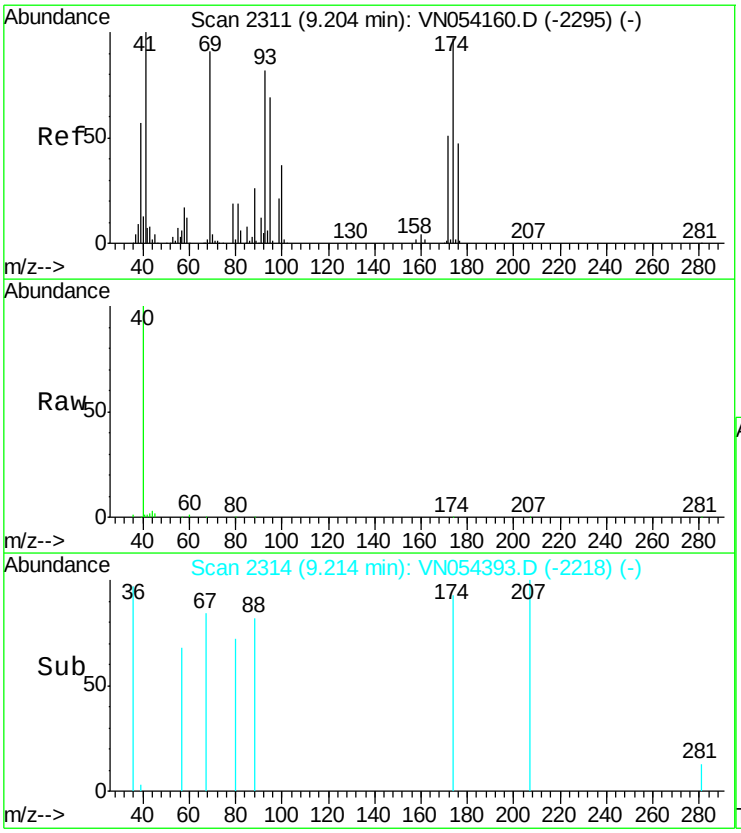
#38
Carbon Tetrachloride
Concen: 5.841 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 154508

Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.3	114.5#
121	0.0	24.6	36.8#

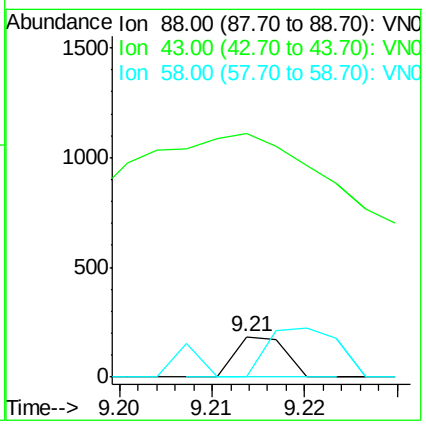


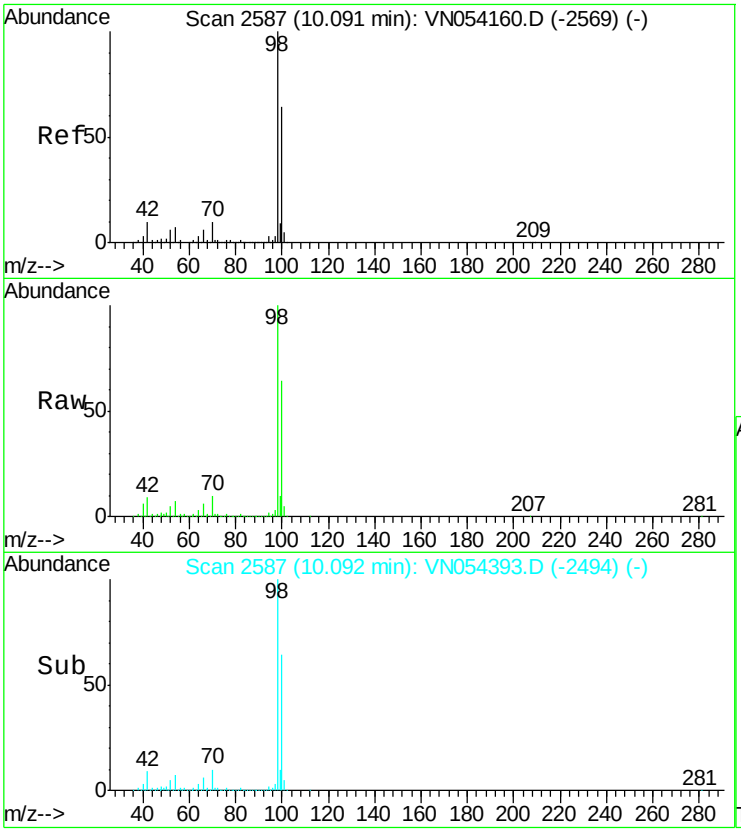


#49
1,4-Dioxane
Concen: 0.372 ug/l
RT: 9.21 min Scan# 2314
Delta R.T. 0.01 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion: 88 Resp: 68

Ion	Ratio	Lower	Upper
88	100		
43	770.6	24.1	36.1#
58	175.0	50.8	76.2#



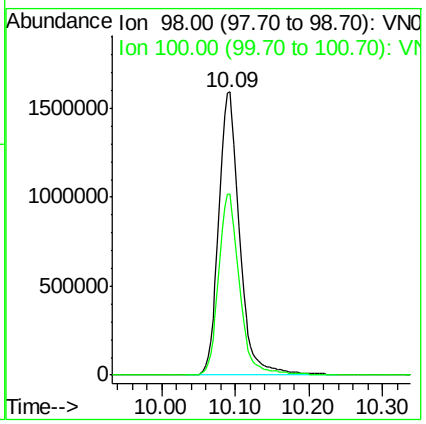


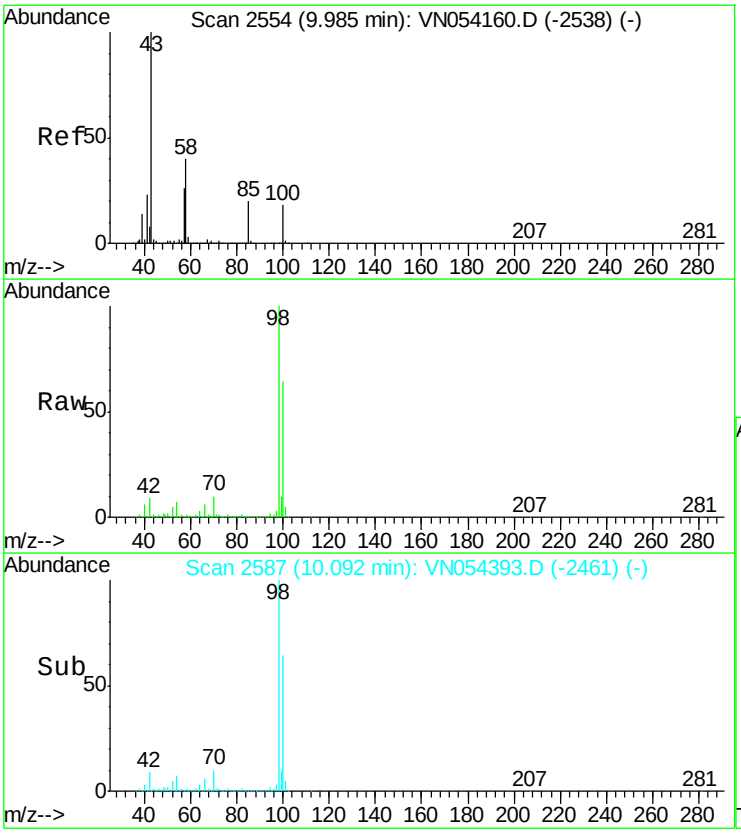
#50
Toluene-d8
Concen: 48.310 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 3151781

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8

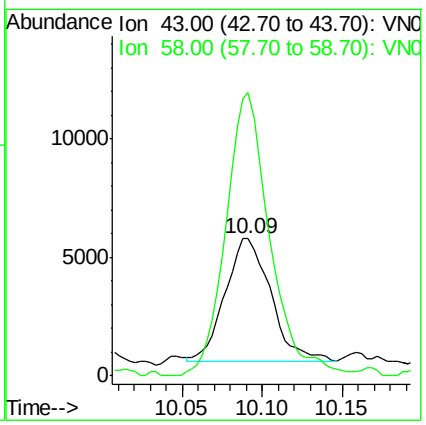


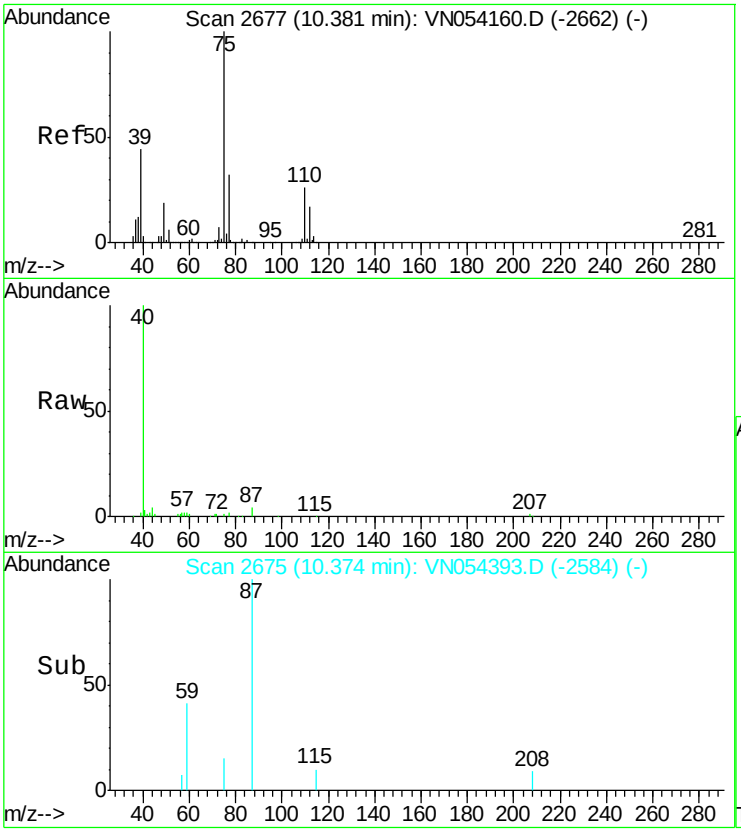


#51
4-Methyl-2-Pentanone
Concen: 0.746 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.11 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion: 43 Resp: 10050

Ion	Ratio	Lower	Upper
43	100		
58	223.9	31.8	47.6#



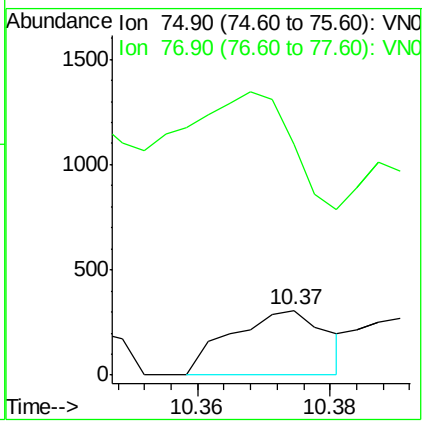


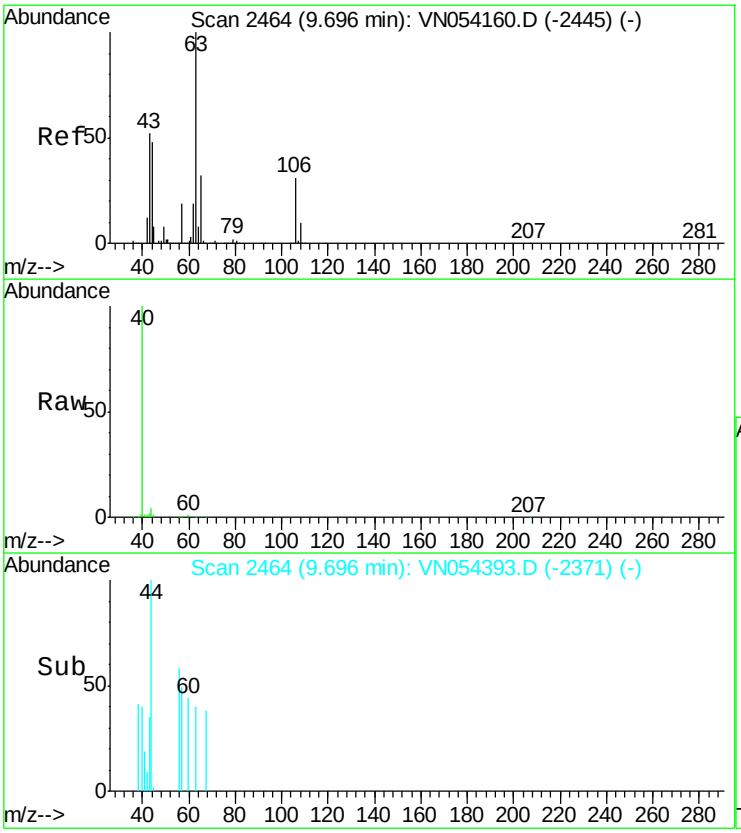
#53
t-1,3-Dichloropropene
Concen: 1.997 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. -0.01 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 308

Ion	Ratio	Lower	Upper
75	100		
77	100.7	25.8	38.8#

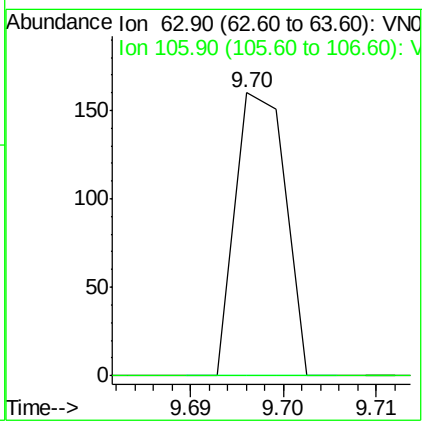


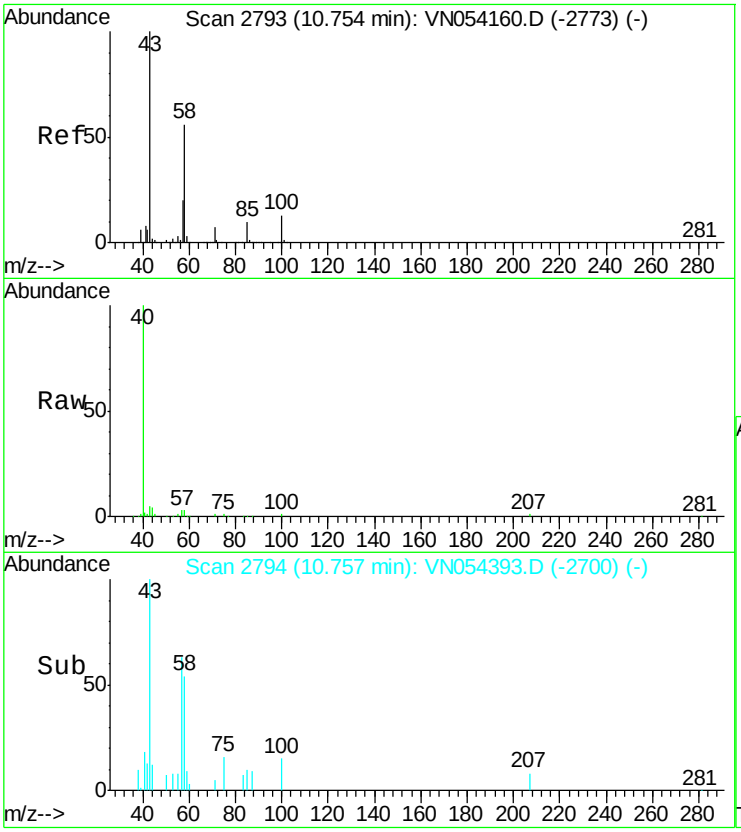


#58
2-Chloroethyl Vinyl ether
Concen: 16.834 ug/l
RT: 9.70 min Scan# 2464
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion: 63 Resp: 60

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.4	36.6#



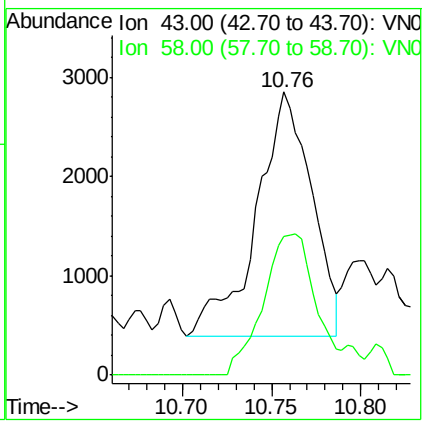


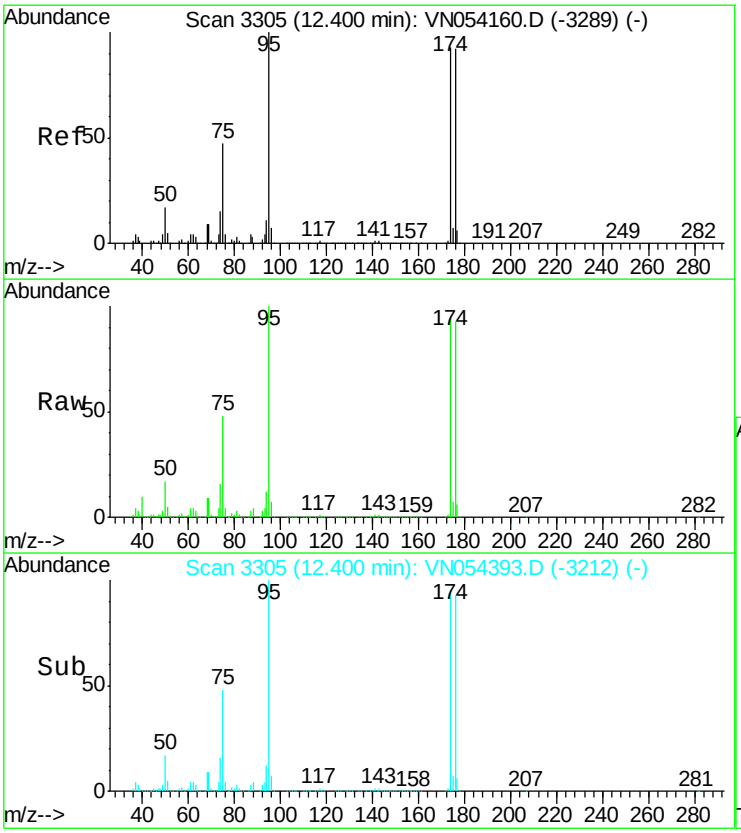
#59
2-Hexanone
Concen: 0.599 ug/l
RT: 10.76 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 5363

Ion	Ratio	Lower	Upper
43	100		
58	54.1	28.0	83.9

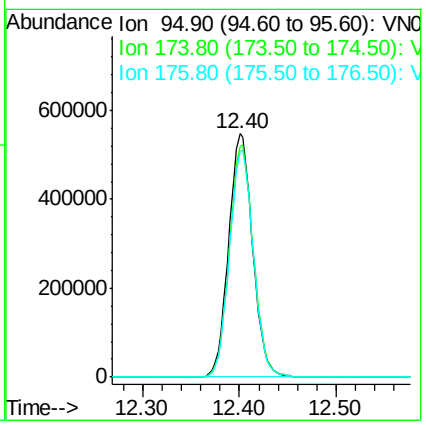


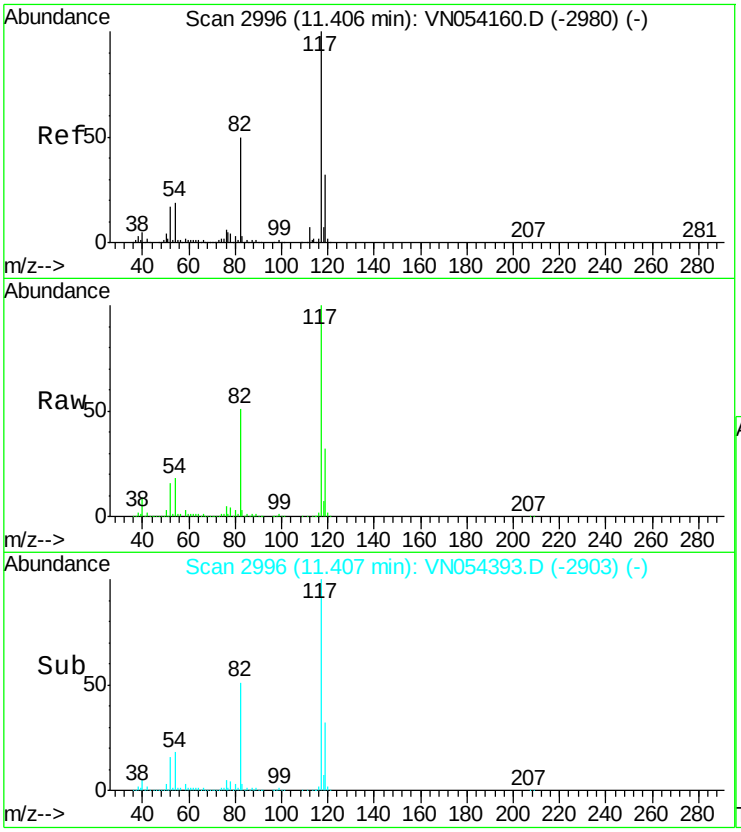


#62
4-Bromofluorobenzene
Concen: 41.316 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion: 95 Resp: 943170

Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	191.0
176	93.3	0.0	187.4



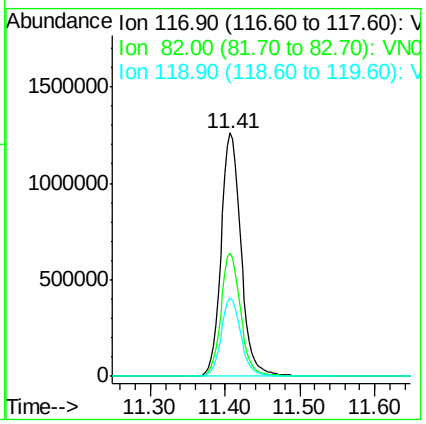


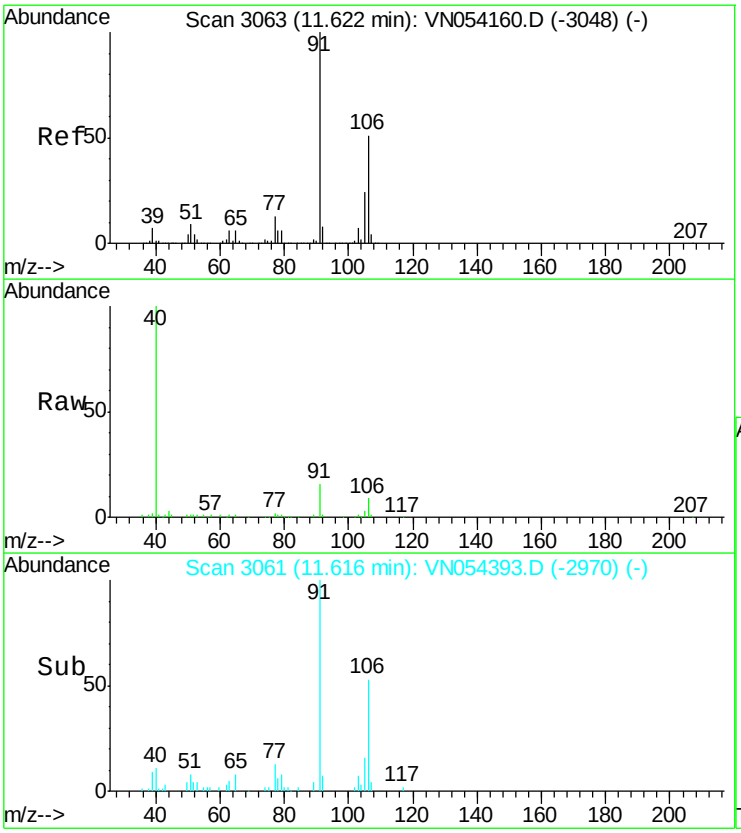
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 2309606

Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.0	60.0
119	32.1	25.8	38.6

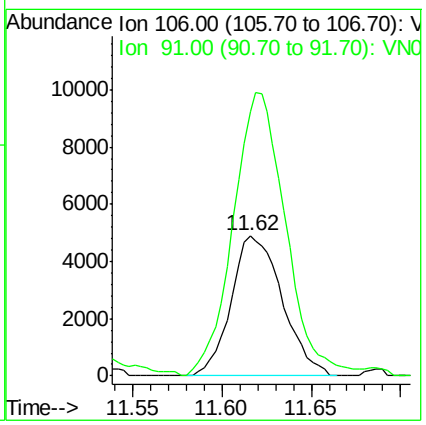


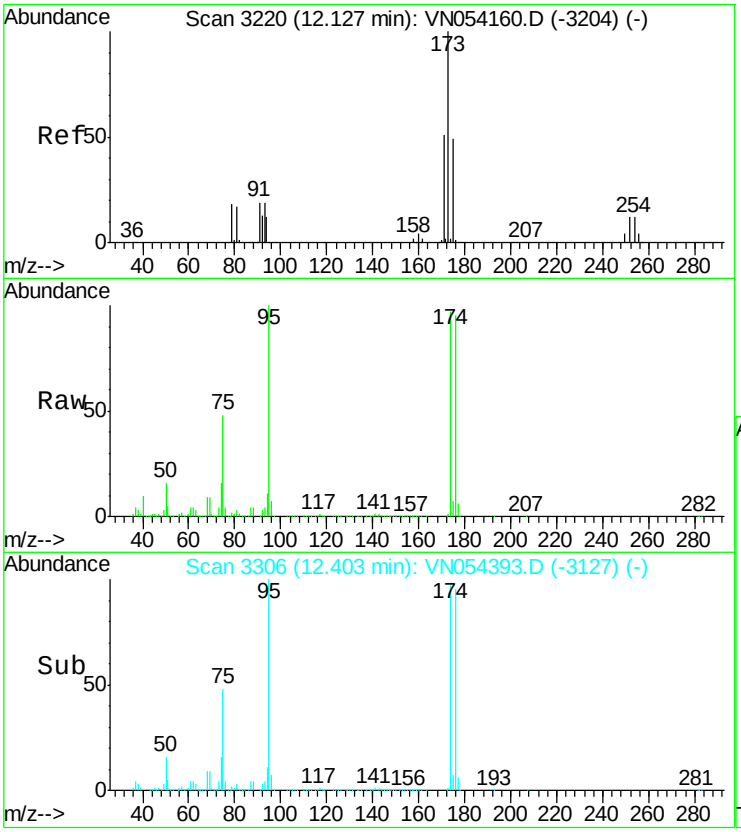


#68
m/p-Xylenes
Concen: 0.298 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion:106 Resp: 9794

Ion	Ratio	Lower	Upper
106	100		
91	207.9	159.4	239.2



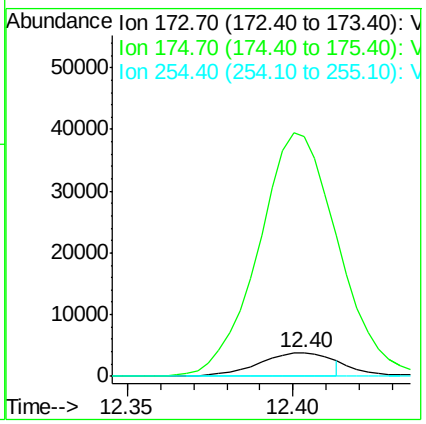


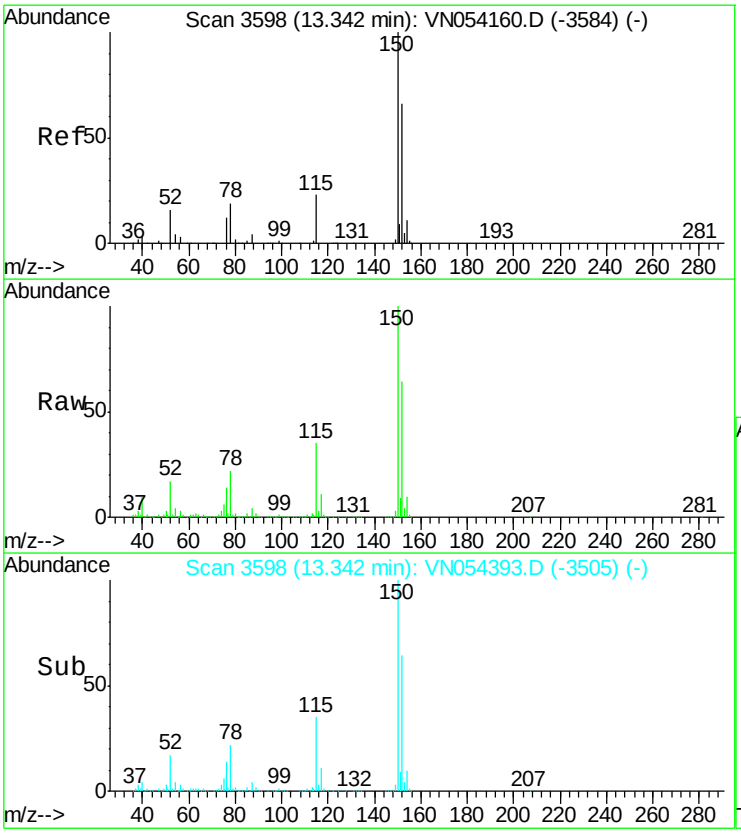
#71
Bromoform
Concen: 2.736 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 5678

Ion	Ratio	Lower	Upper
173	100		
175	1012.2	24.4	73.2#
254	0.0	0.1	0.1#

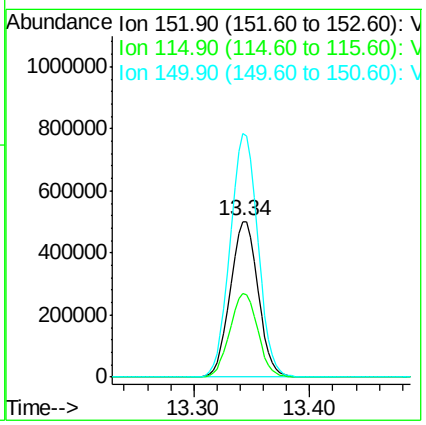


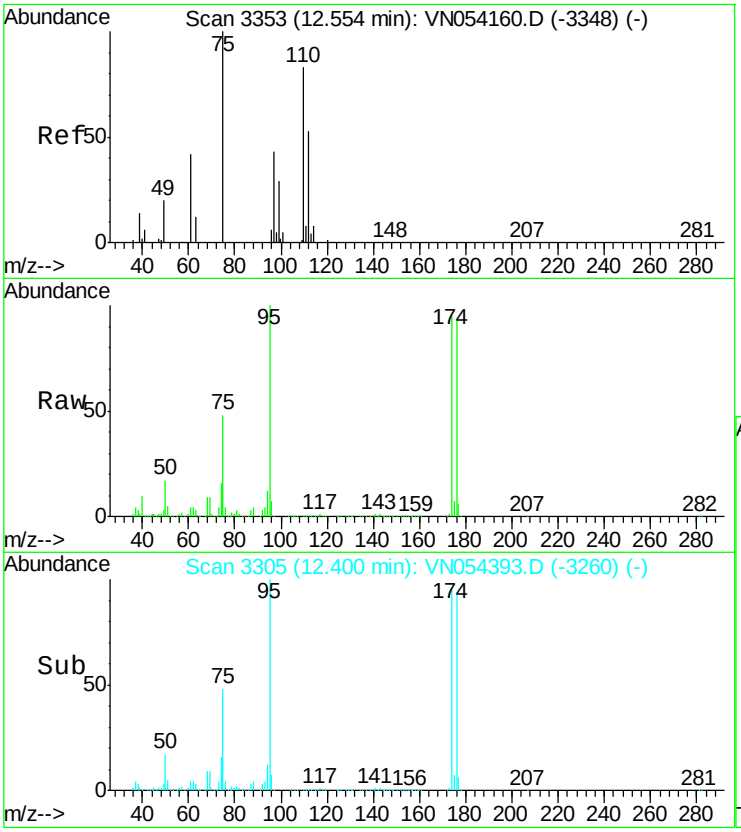


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion:152 Resp: 829089

Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.2	81.6
150	156.2	0.0	349.2



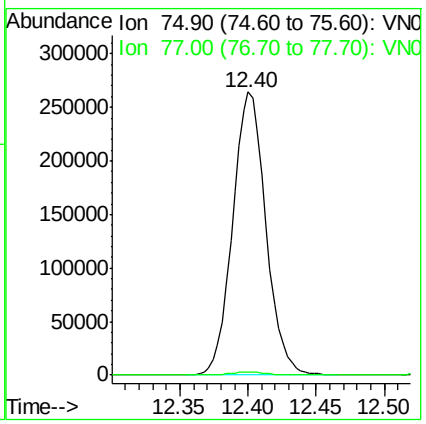


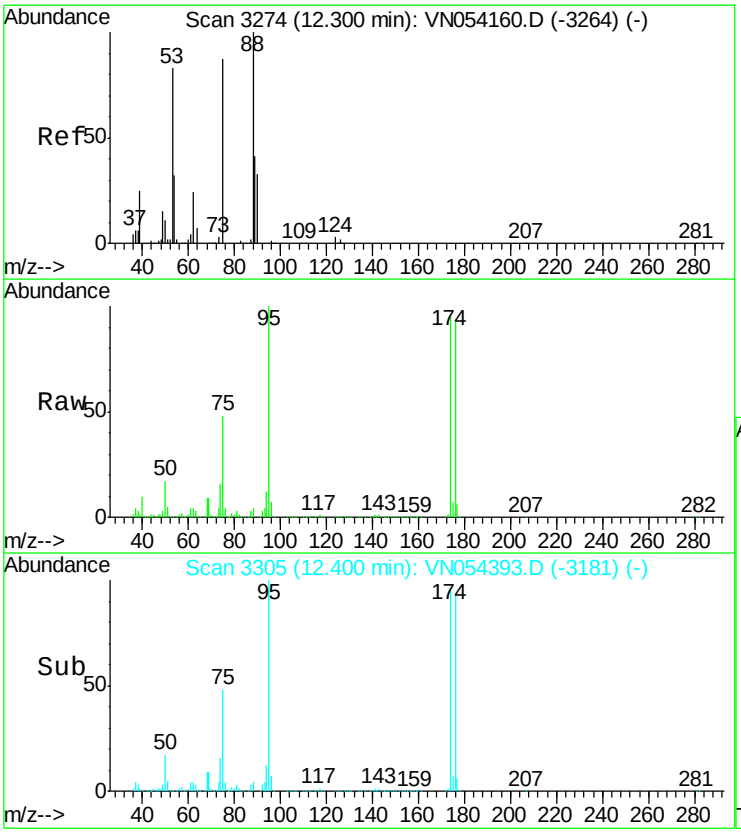
#76
1,2,3-Trichloropropane
Concen: 36.589 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 446103

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

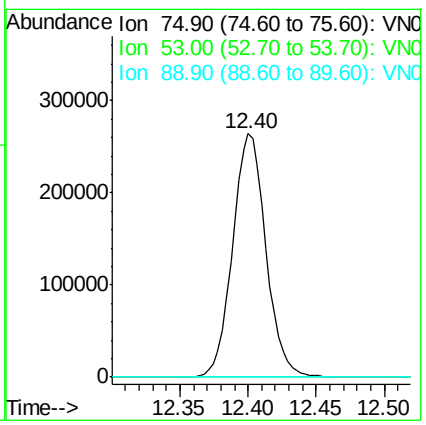


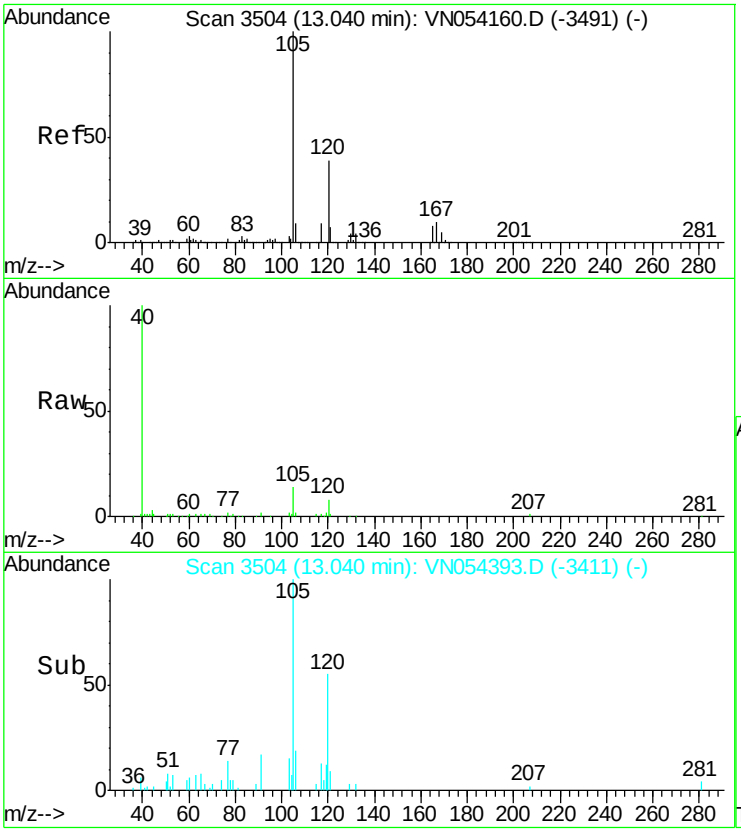


#81
trans-1,4-Dichloro-2-butene
Concen: 125.079 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion: 75 Resp: 446103

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



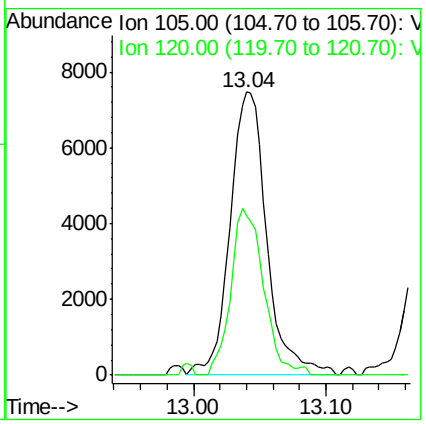


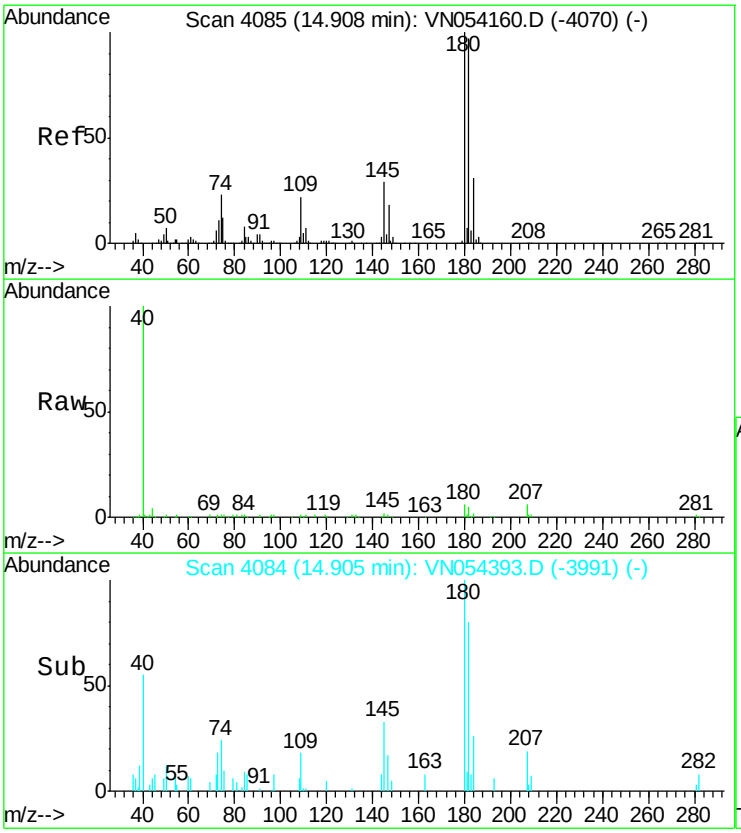
#84
1,2,4-Trimethylbenzene
Concen: 0.265 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 14361

Ion	Ratio	Lower	Upper
105	100		
120	52.6	23.4	70.3

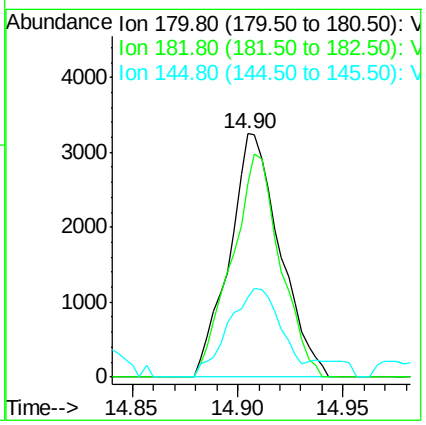


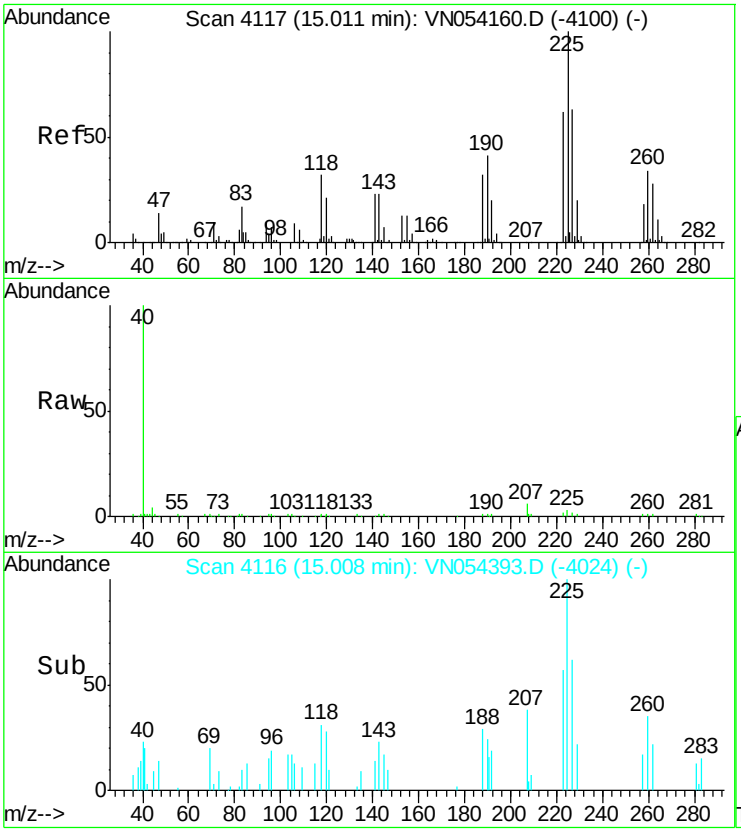


#93
1,2,4-Trichlorobenzene
Concen: 2.811 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion:180 Resp: 5407

Ion	Ratio	Lower	Upper
180	100		
182	87.8	48.0	144.2
145	38.3	14.2	42.8



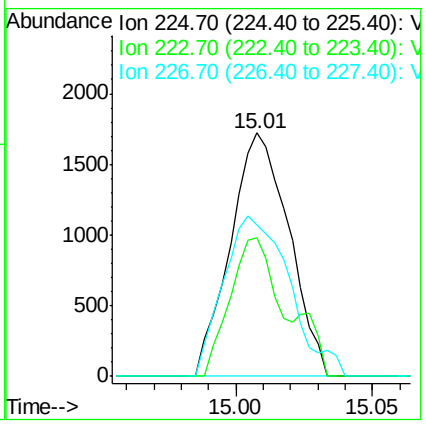


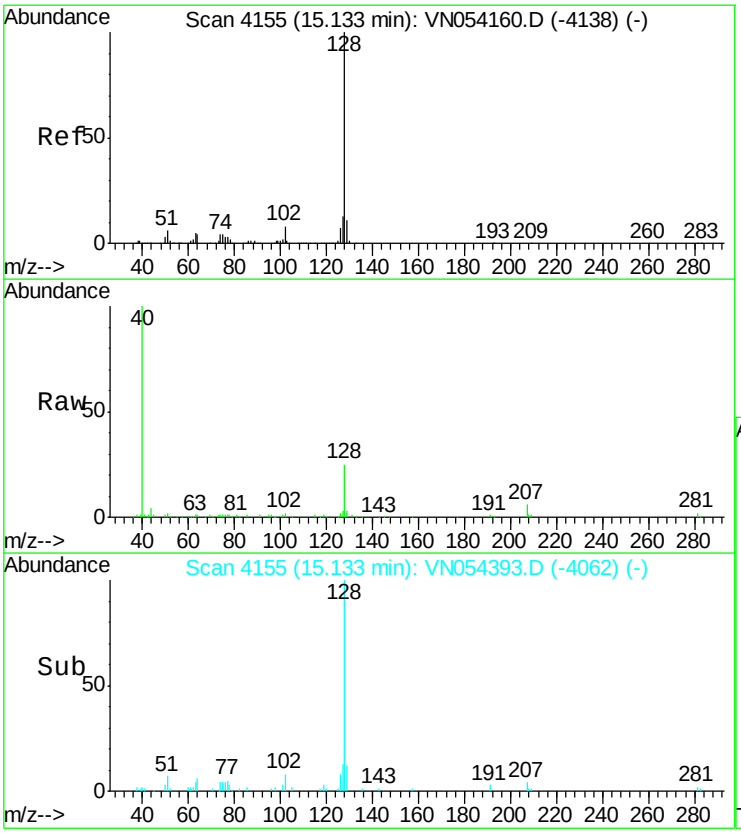
#94
Hexachlorobutadiene
Concen: 0.232 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. -0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:225 Resp: 2556

Ion	Ratio	Lower	Upper
225	100		
223	46.0	31.1	93.5
227	74.8	31.9	95.9

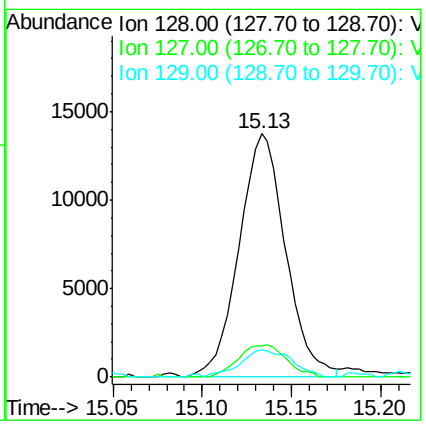


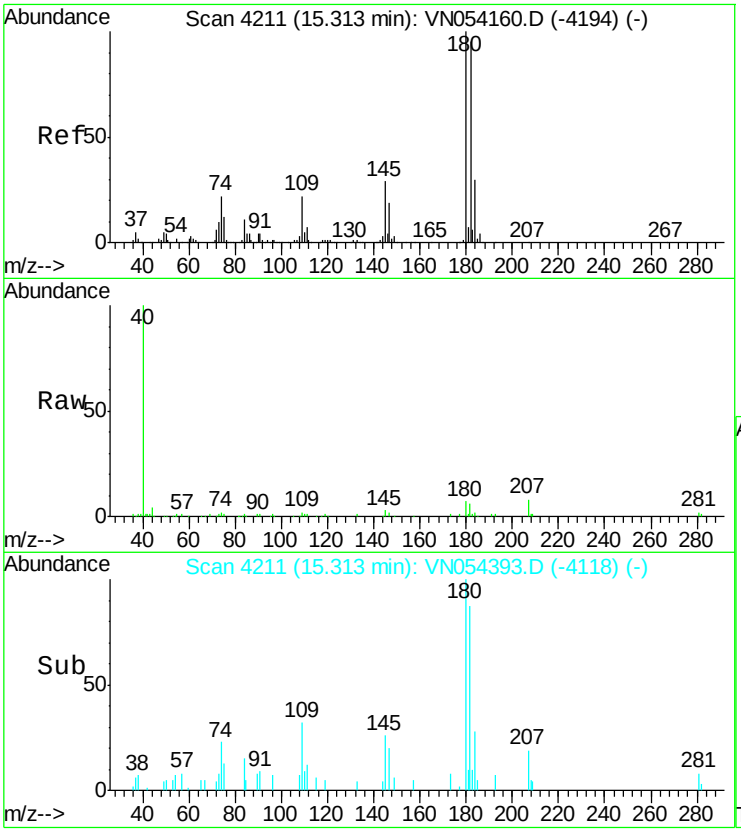


#95
Naphthalene
Concen: 4.110 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Tgt Ion:128 Resp: 25006

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.1	15.1
129	12.4	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.429 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN054393.D
Acq: 18 Mar 2019 14:54

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 6595

Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.5	142.6
145	39.5	14.8	44.3