Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054391.D
Acq On : 18 Mar 2019 13:59
Operator : JC/SP
Sample : K1905-01
Misc : 6.48g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : RT5124

Quant Time: Mar 19 05:11:26 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	1850908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2605660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2189240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	861788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	852280	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 86.72%			
35) Dibromofluoromethane	7.59	113	758683	45.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.30%			
50) Toluene-d8	10.09	98	3044538	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.10%			
62) 4-Bromofluorobenzene	12.40	95	904525	41.65	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.30%			
Target Compounds						Qvalue
10) Methyl Iodide	3.95	142	324	1.508	ug/l #	45
11) Tert butyl alcohol	4.76	59	293	0.217	ug/l #	70
13) Acrolein	3.60	56	265	0.208	ug/l #	14
18) Methyl Acetate	4.33	43	10041	0.882	ug/l #	69
20) Methylene Chloride	4.54	84	5510	0.298	ug/l	98
31) Cyclohexane	7.66	56	29132	Below Cal #		1
36) 1,1-Dichloropropene	7.66	75	108382	4.517	ug/l #	48
38) Carbon Tetrachloride	7.66	117	149482	5.940	ug/l #	16
39) Methylcyclohexane	9.08	83	10994	0.372	ug/l	91
52) Toluene	10.15	92	16228	0.373	ug/l	100
53) t-1,3-Dichloropropene	10.24	75	1099	2.026	ug/l #	42
59) 2-Hexanone	10.72	43	5326	0.625	ug/l #	25
67) Ethyl Benzene	11.51	91	17085	0.214	ug/l	94
68) m/p-Xylenes	11.62	106	23797	0.764	ug/l	98
69) o-Xylene	11.95	106	6732	0.222	ug/l	93
71) Bromoform	12.40	173	5529	2.746	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	427983	33.771	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	427983	115.445	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	38278	0.680	ug/l	99
93) 1,2,4-Trichlorobenzene	14.91	180	1527	2.596	ug/l #	84
95) Naphthalene	15.13	128	27211	4.140	ug/l	96

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

Quantitation Report (Not Reviewed)

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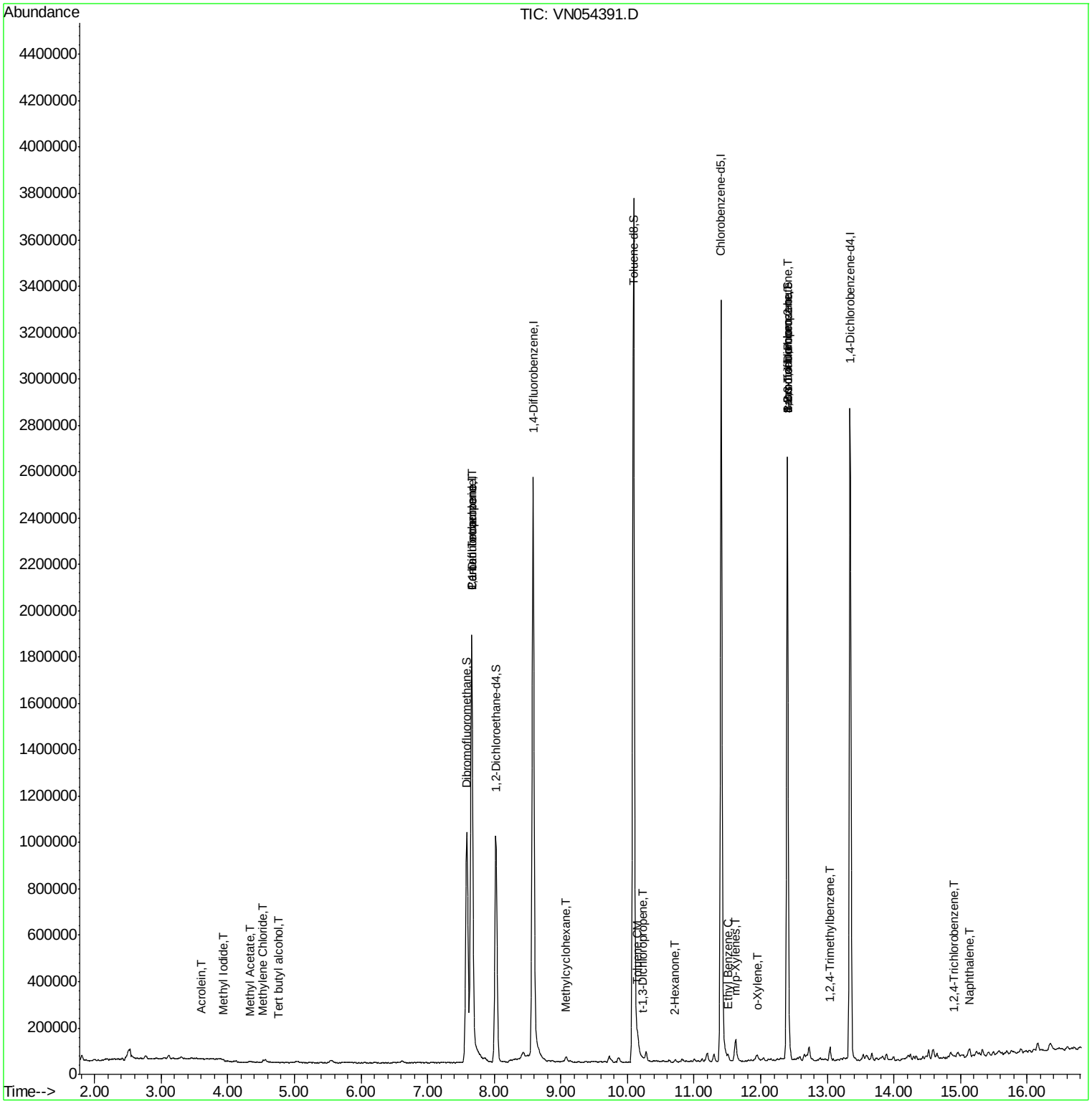
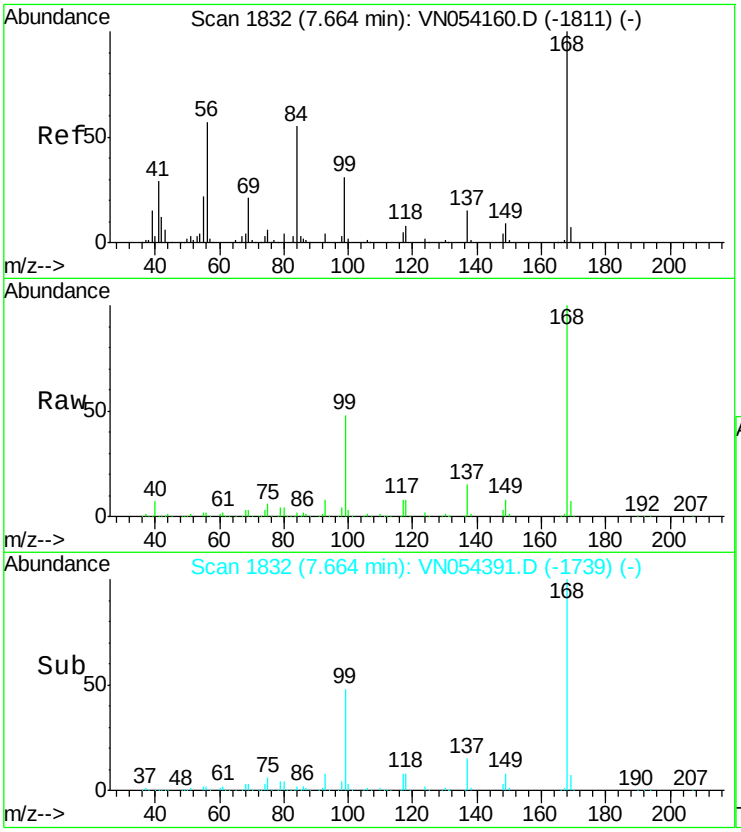
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



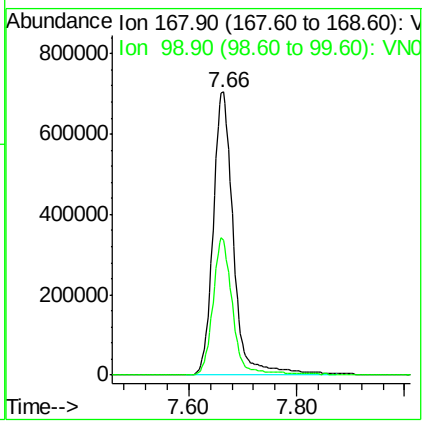


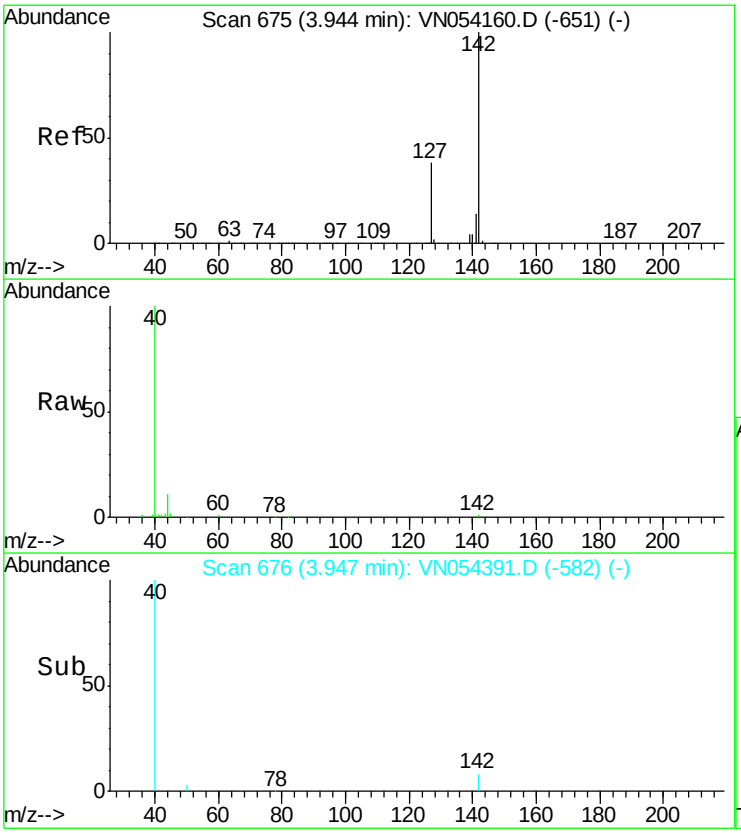
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument :
MSVOA_N
ClientSampleId :
RT5124

Tgt Ion:168 Resp: 1850908

Ion	Ratio	Lower	Upper
168	100		
99	47.6	37.1	55.7

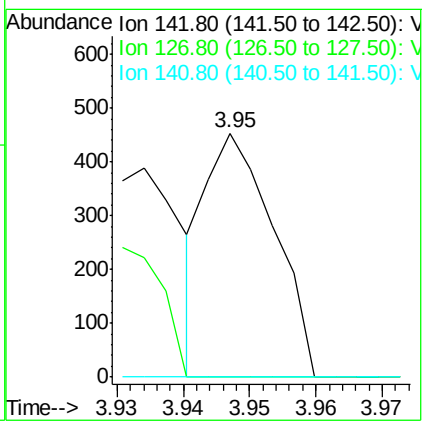


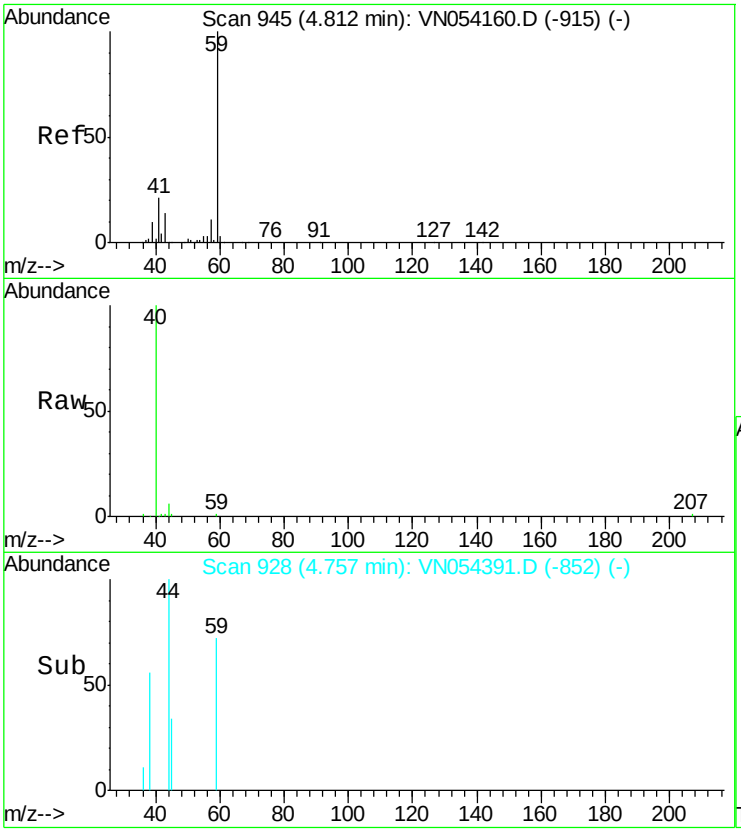


#10
Methyl Iodide
Concen: 1.508 ug/l
RT: 3.95 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion:142 Resp: 324

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



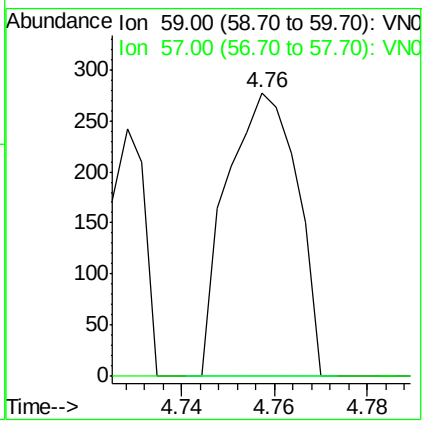


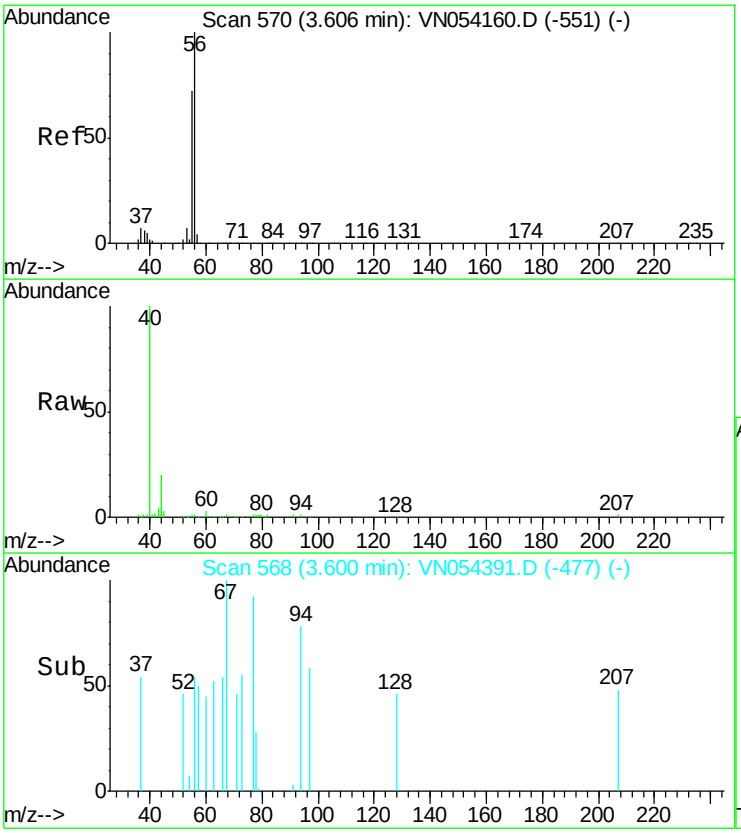
#11
Tert butyl alcohol
Concen: 0.217 ug/l
RT: 4.76 min Scan# 928
Delta R.T. -0.05 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument : MSVOA_N
ClientSampleId : RT5124

Tgt Ion: 59 Resp: 293

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.6#

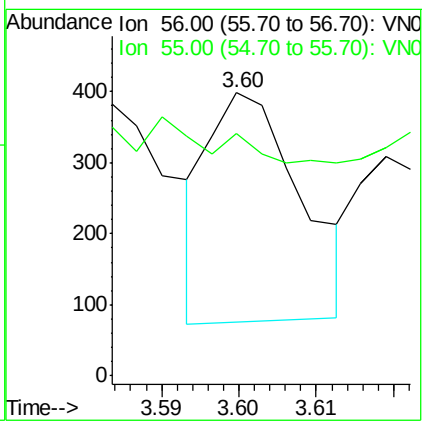


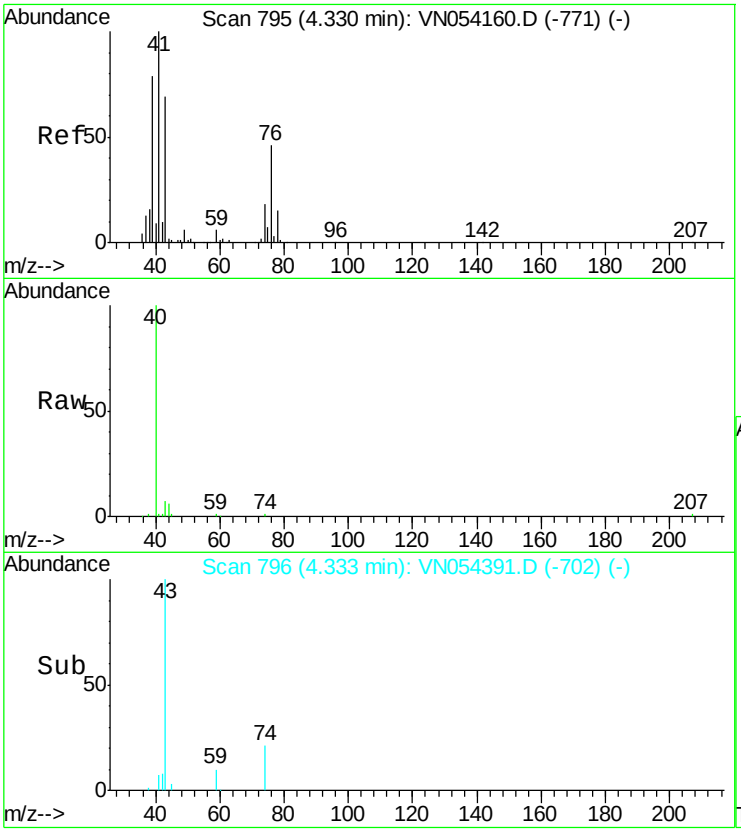


#13
Acrolein
Concen: 0.208 ug/l
RT: 3.60 min Scan# 568
Delta R.T. -0.01 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion: 56 Resp: 265

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#



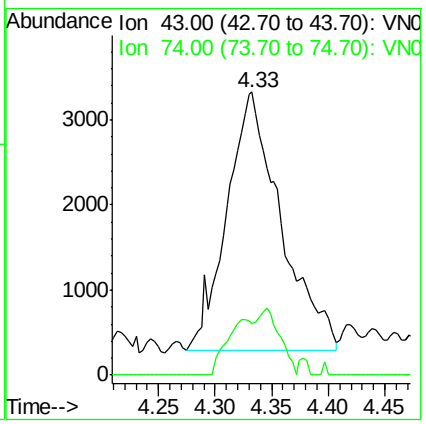


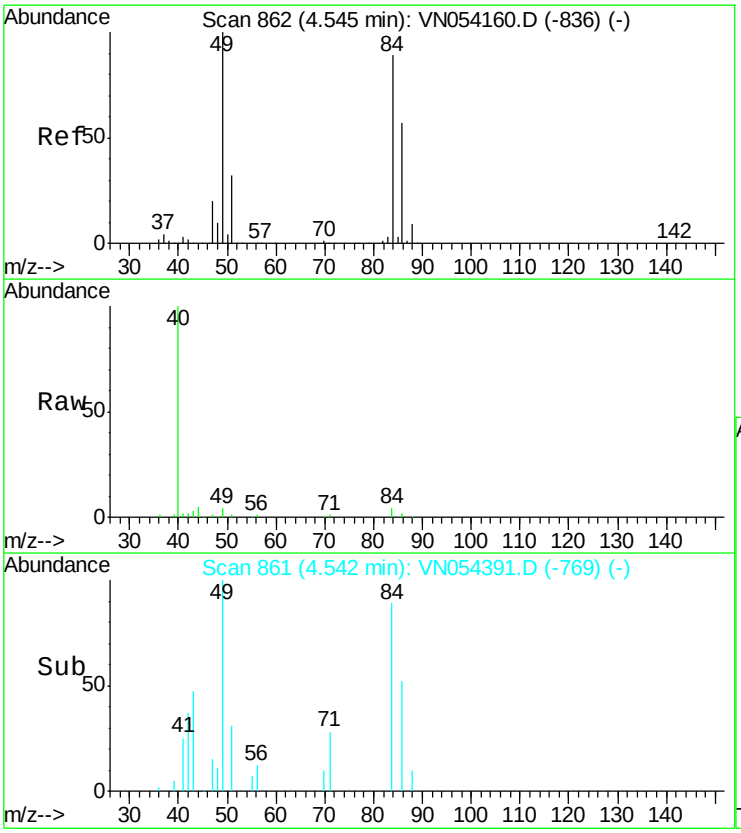
#18
Methyl Acetate
Concen: 0.882 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument : MSVOA_N
ClientSampleId : RT5124

Tgt Ion: 43 Resp: 10041

Ion	Ratio	Lower	Upper
43	100		
74	10.3	20.8	31.2#

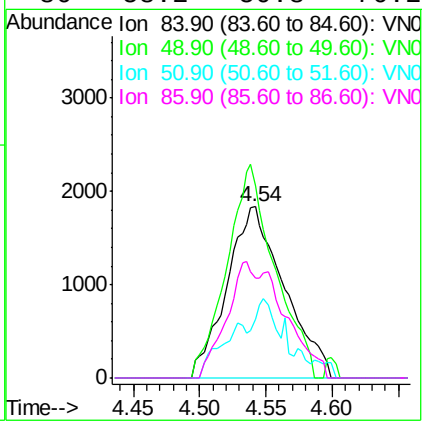


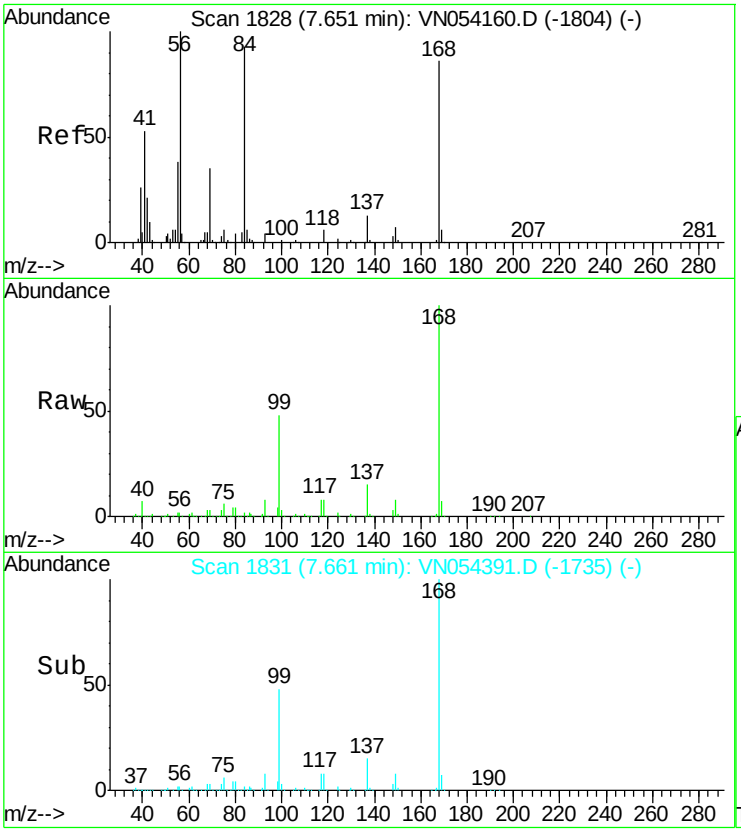


#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 4.54 min Scan# 861
Delta R.T. -0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion: 84 Resp: 5510

Ion	Ratio	Lower	Upper
84	100		
49	112.4	89.7	134.5
51	34.4	28.2	42.4
86	58.2	50.8	76.2



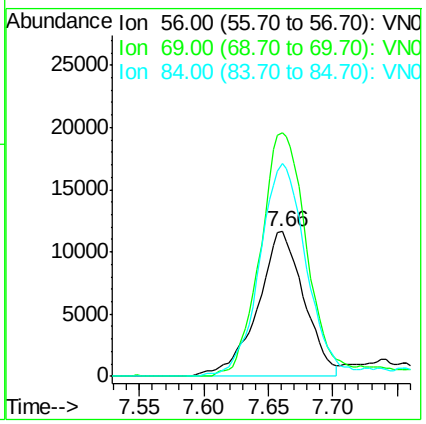


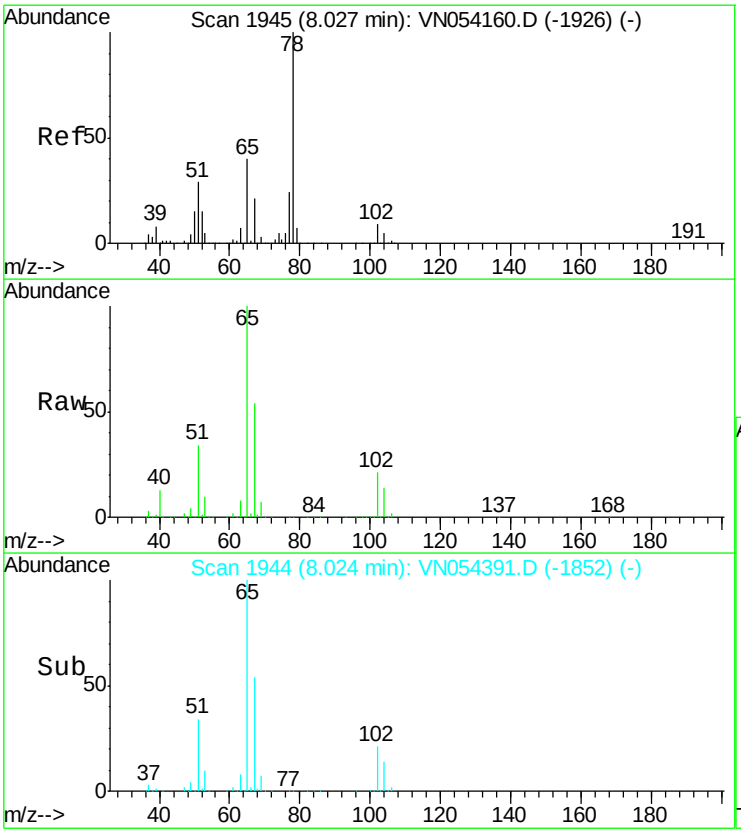
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument : MSVOA_N
ClientSampleId : RT5124

Tgt Ion: 56 Resp: 29132

Ion	Ratio	Lower	Upper
56	100		
69	168.6	27.8	41.6#
84	147.3	74.6	111.8#

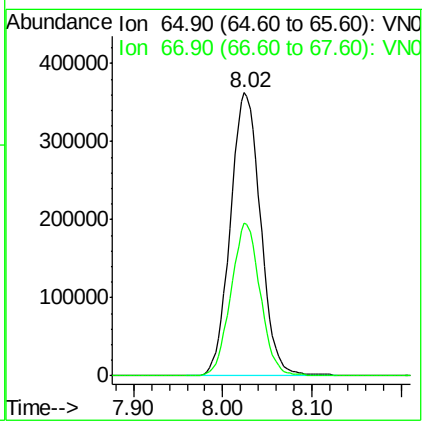


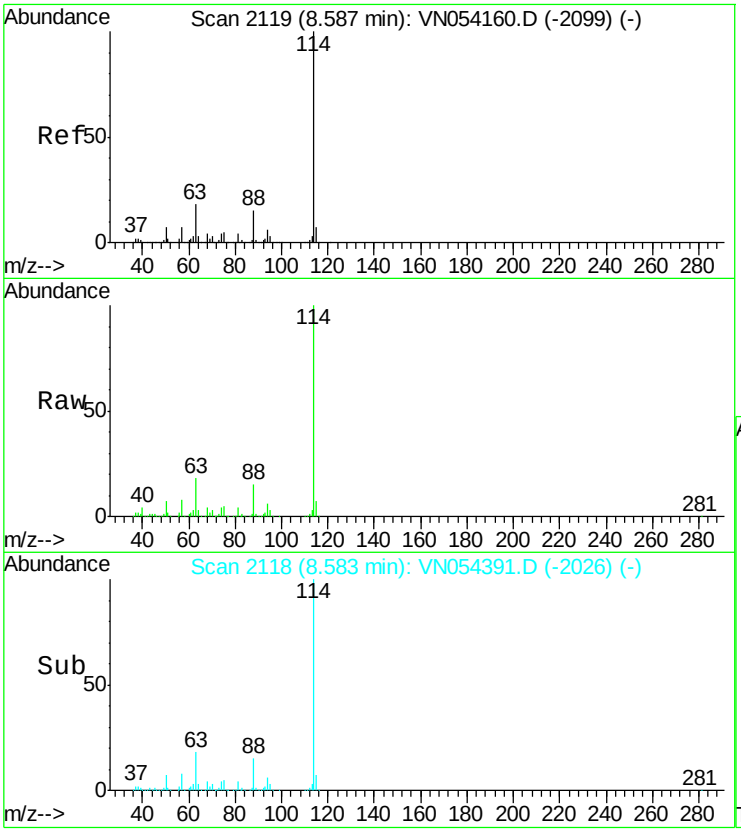


#33
1,2-Dichloroethane-d4
Concen: 43.358 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion: 65 Resp: 852280

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.6



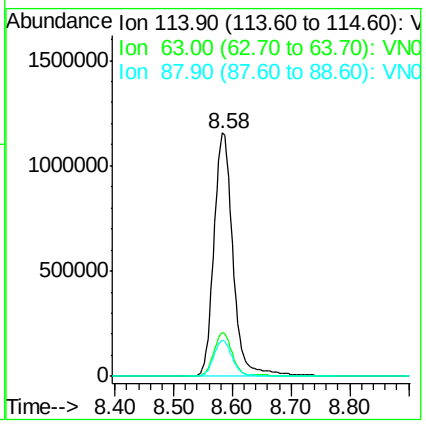


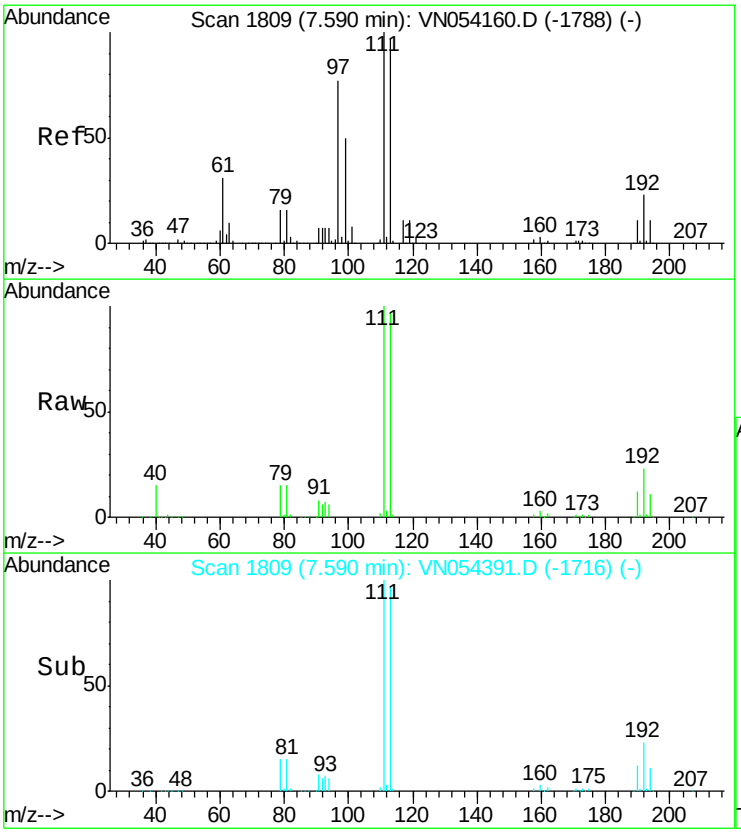
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument : MSVOA_N
ClientSampleId : RT5124

Tgt Ion:114 Resp: 2605660

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.2
88	14.8	0.0	30.2

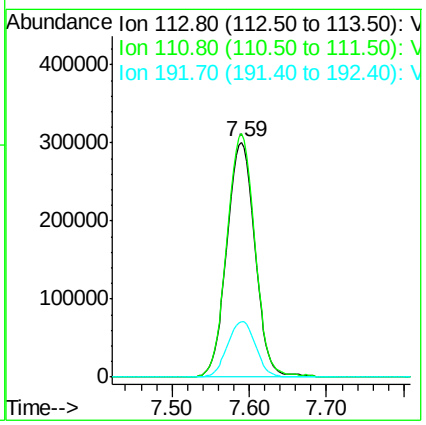


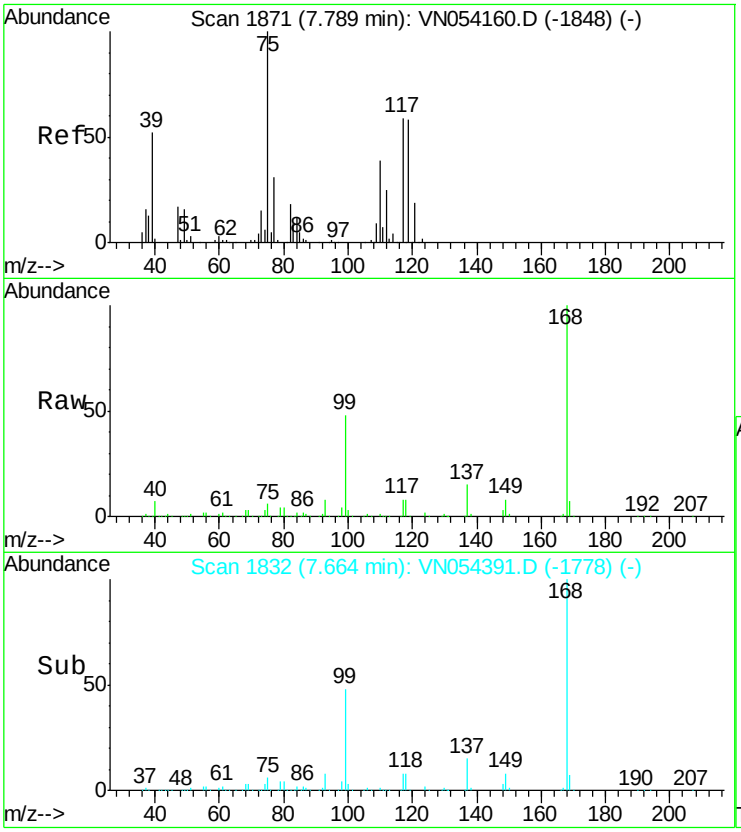


#35
Dibromofluoromethane
Concen: 45.145 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion:113 Resp: 758683

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.2	123.4
192	23.8	19.2	28.8



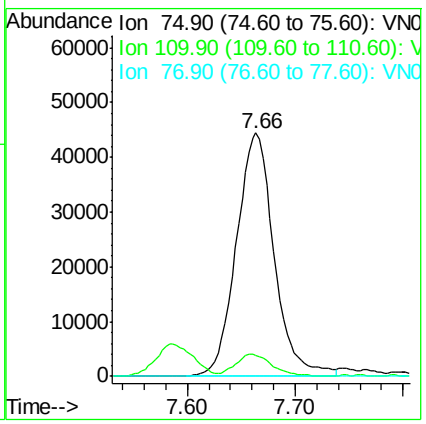


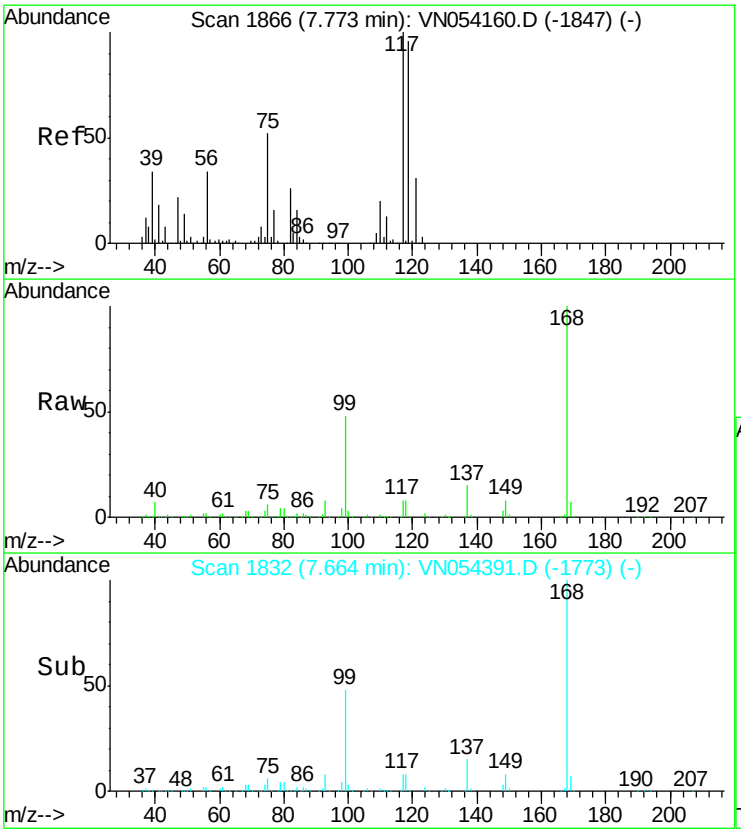
#36
1,1-Dichloropropene
Concen: 4.517 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument :
MSVOA_N
ClientSampleId :
RT5124

Tgt Ion: 75 Resp: 108382

Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.1	57.5#
77	0.0	25.0	37.4#

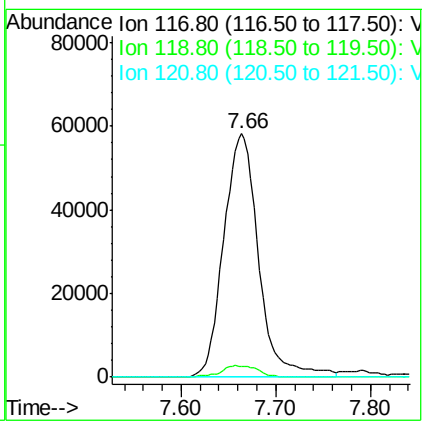


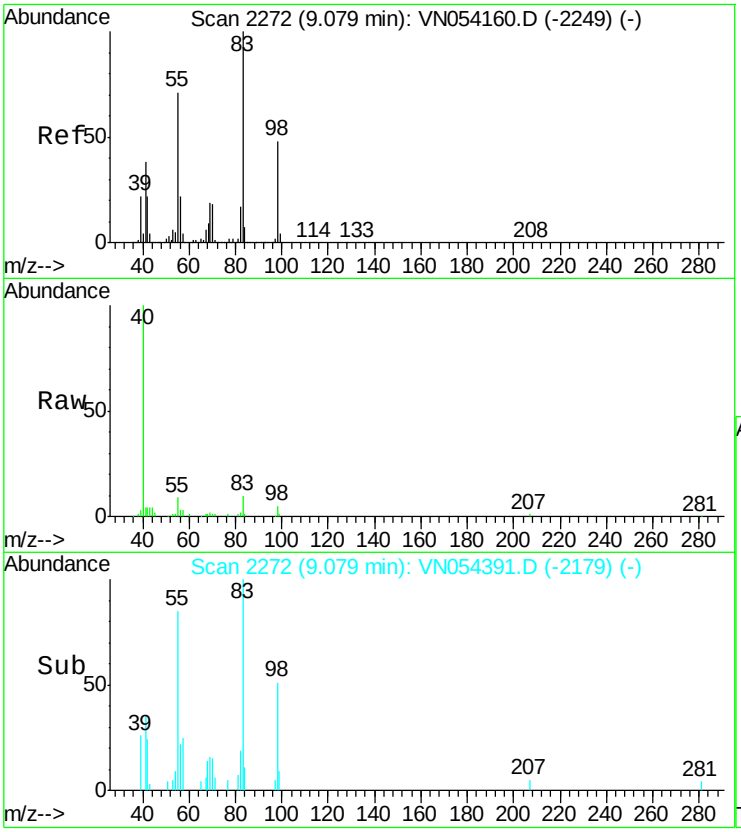


#38
Carbon Tetrachloride
Concen: 5.940 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion:117 Resp: 149482

Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.3	114.5#
121	0.0	24.6	36.8#



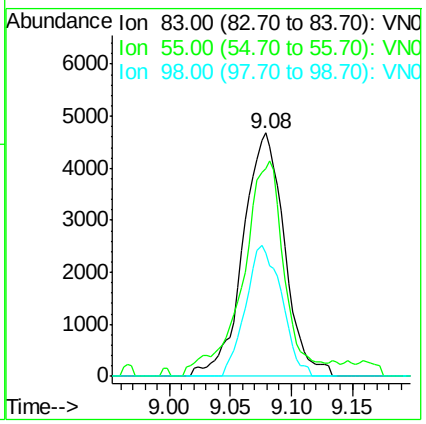


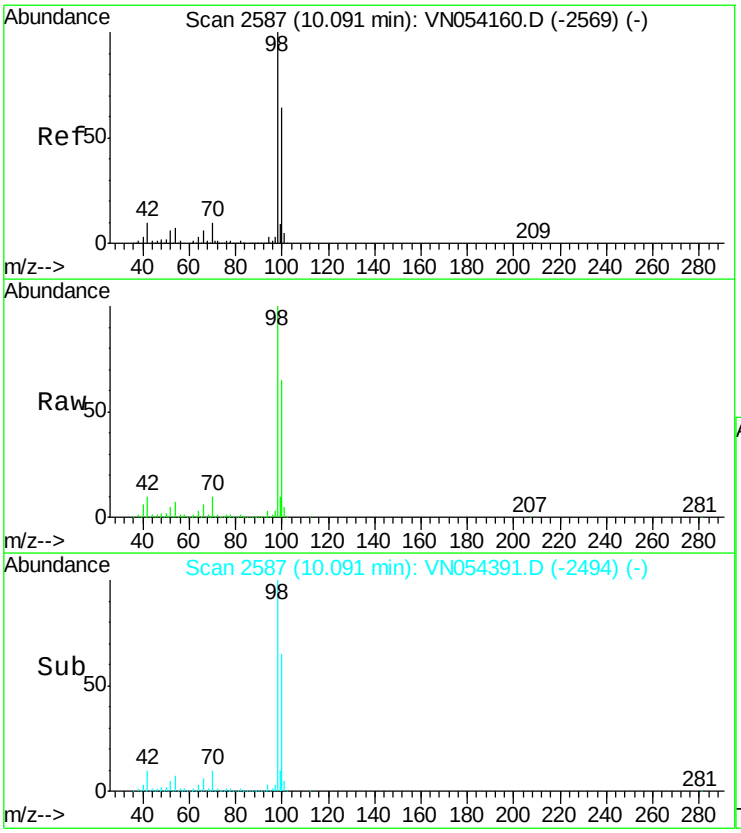
#39
Methylcyclohexane
Concen: 0.372 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument :
MSVOA_N
ClientSampleId :
RT5124

Tgt Ion: 83 Resp: 10994

Ion	Ratio	Lower	Upper
83	100		
55	81.3	56.6	84.8
98	50.8	38.4	57.6

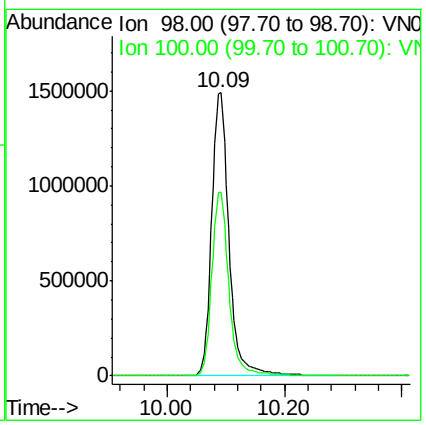


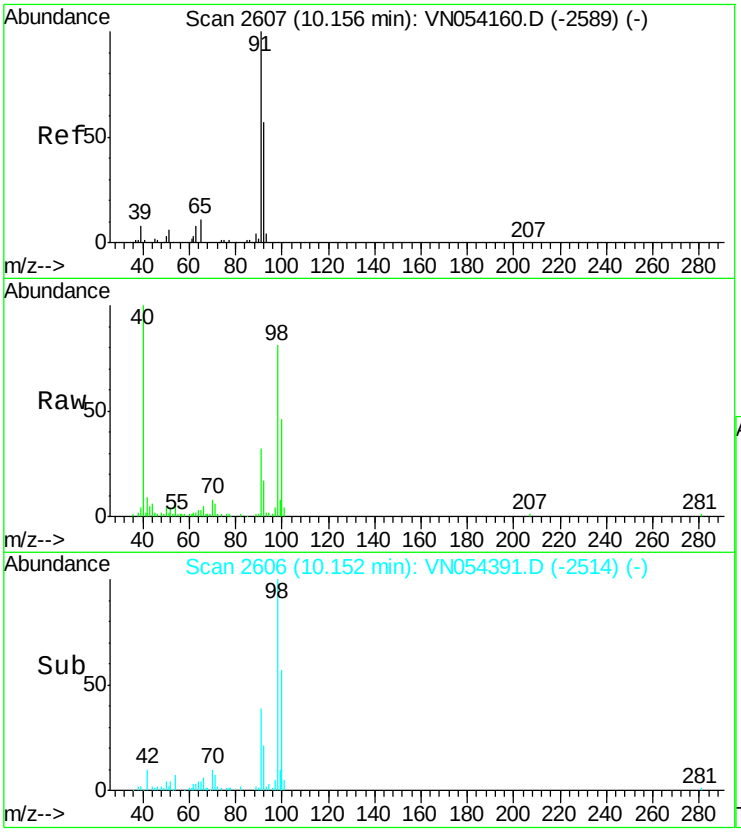


#50
Toluene-d8
Concen: 49.054 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion: 98 Resp: 3044538

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8



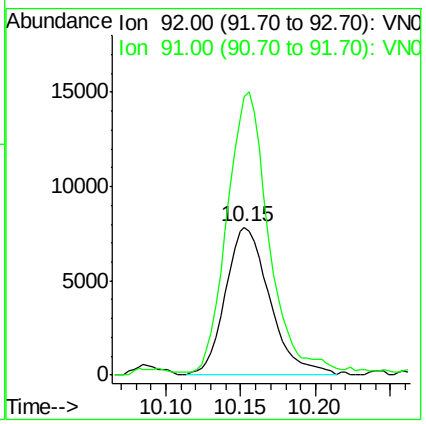


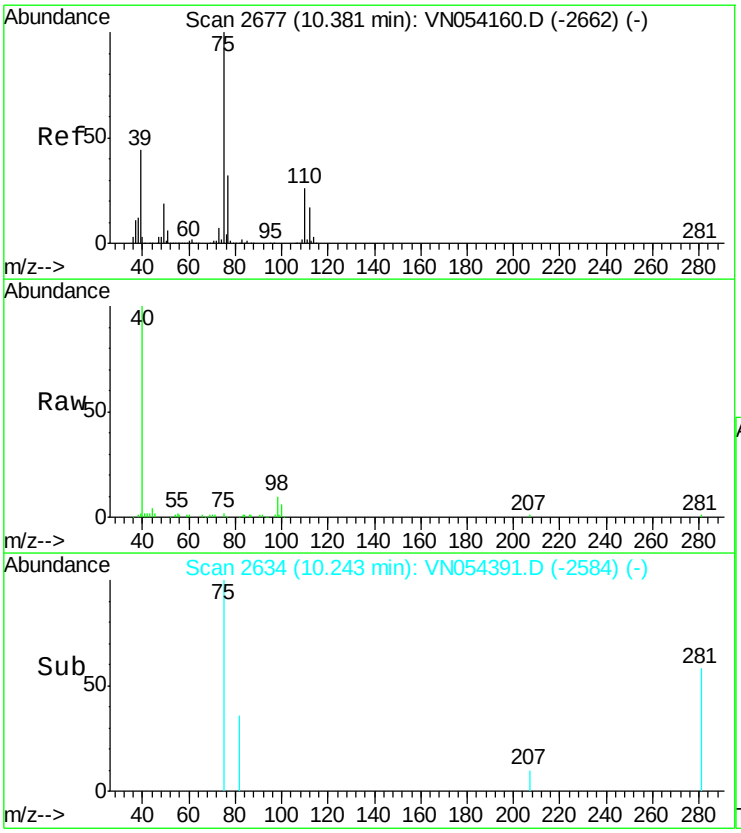
#52
Toluene
Concen: 0.373 ug/l
RT: 10.15 min Scan# 2606
Delta R.T. -0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument :
MSVOA_N
ClientSampleId :
RT5124

Tgt Ion: 92 Resp: 16228

Ion	Ratio	Lower	Upper
92	100		
91	176.2	140.7	211.1

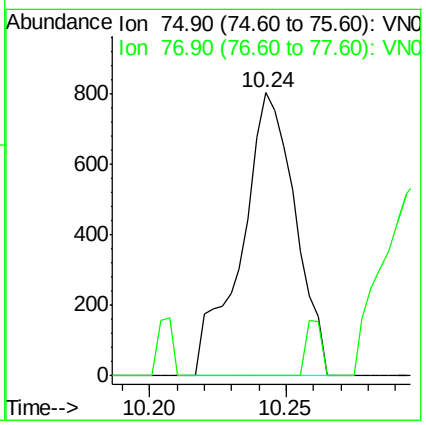


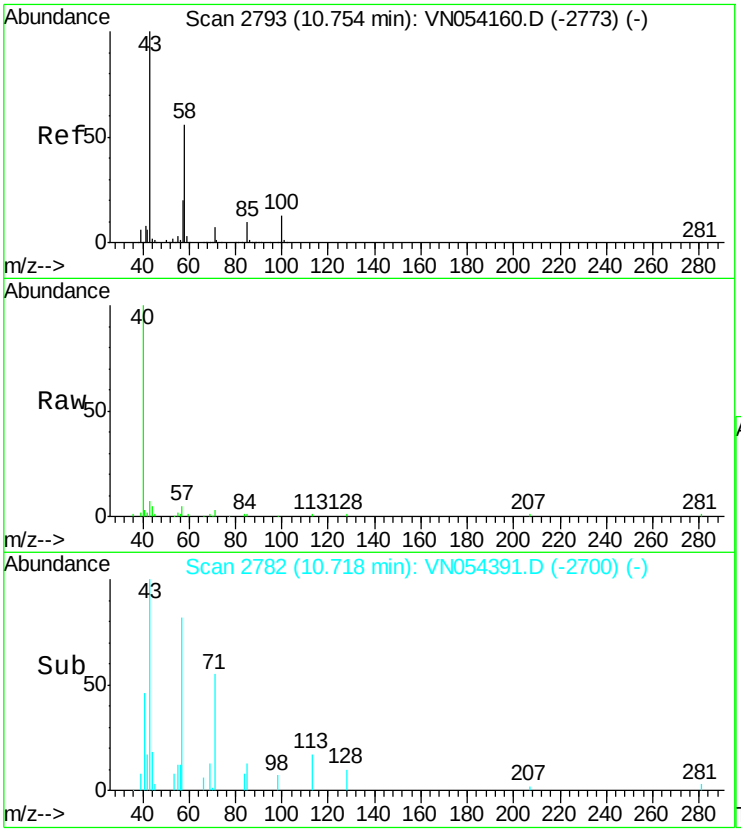


#53
t-1,3-Dichloropropene
Concen: 2.026 ug/l
RT: 10.24 min Scan# 2634
Delta R.T. -0.14 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion: 75 Resp: 1099

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.8#



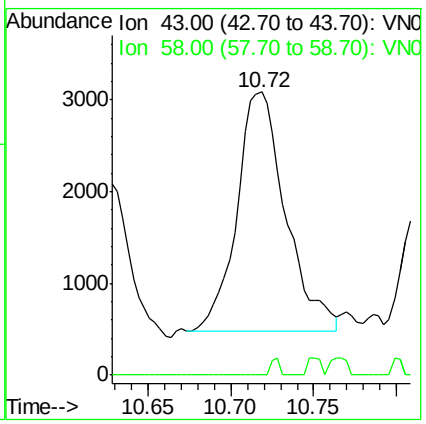


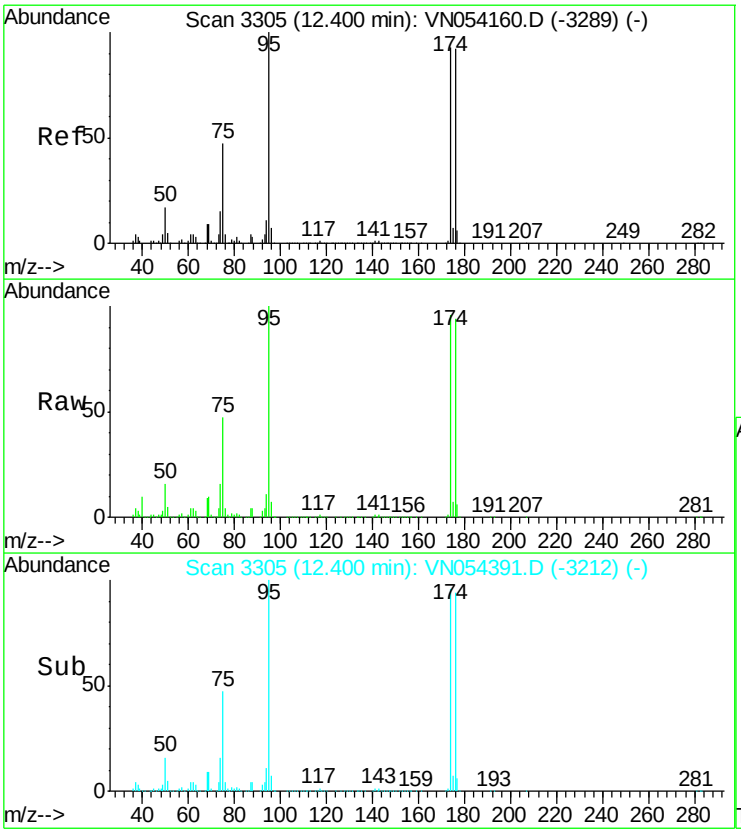
#59
2-Hexanone
Concen: 0.625 ug/l
RT: 10.72 min Scan# 2782
Delta R.T. -0.04 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument : MSVOA_N
ClientSampleId : RT5124

Tgt Ion: 43 Resp: 5326

Ion	Ratio	Lower	Upper
43	100		
58	1.2	28.0	83.9#

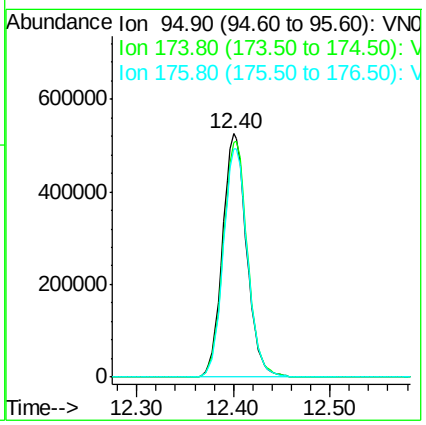


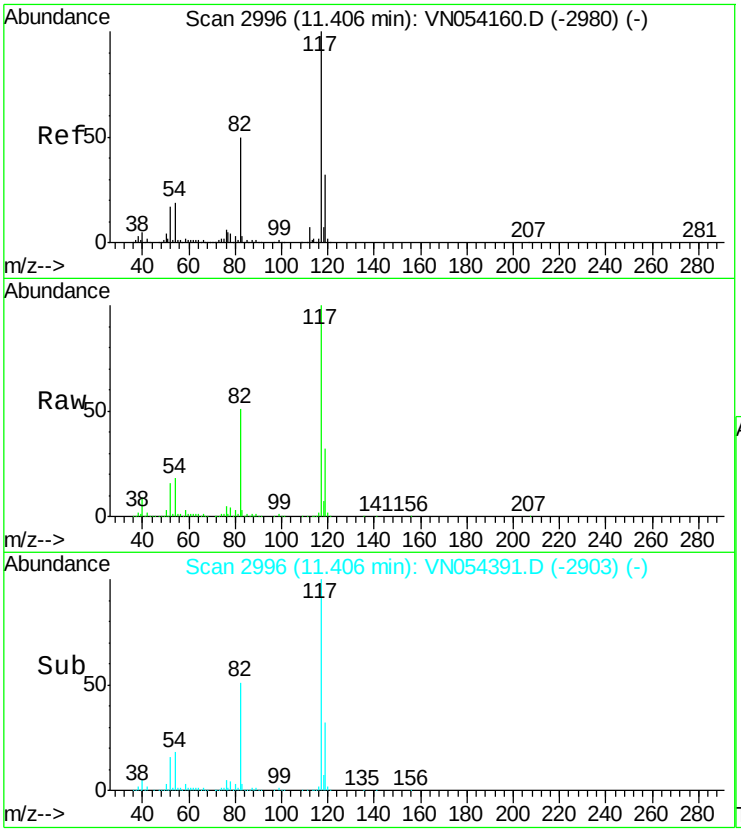


#62
4-Bromofluorobenzene
Concen: 41.651 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion: 95 Resp: 904525

Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	191.0
176	94.6	0.0	187.4



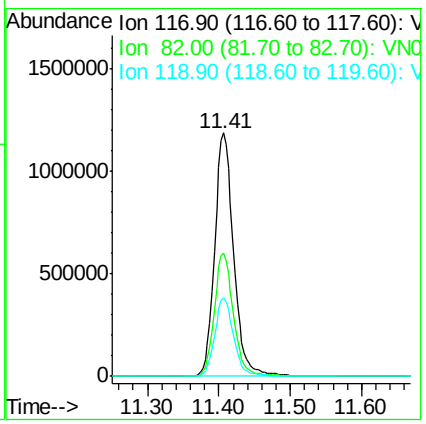


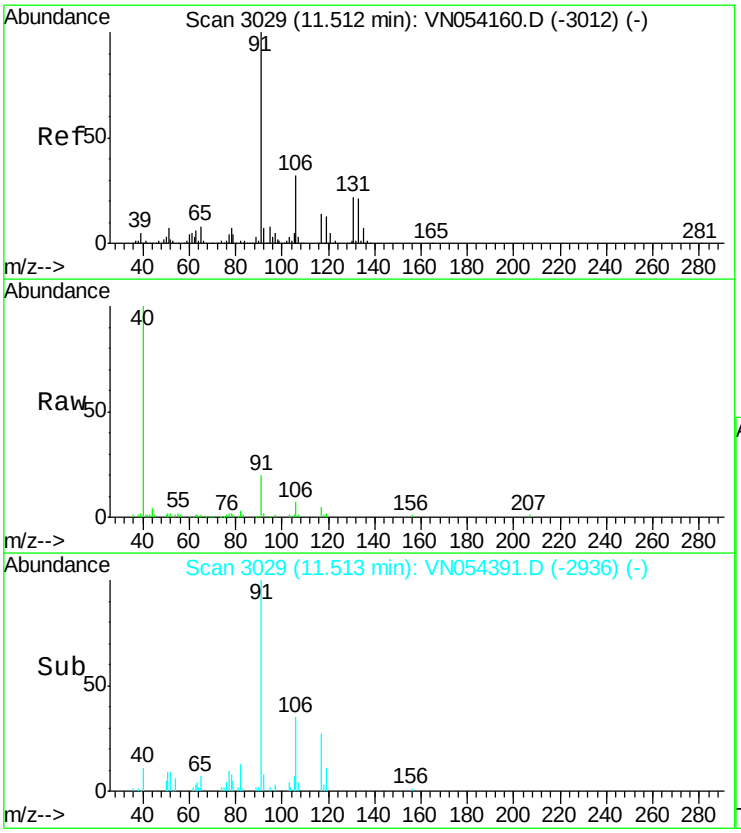
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument : MSVOA_N
ClientSampleId : RT5124

Tgt Ion:117 Resp: 2189240

Ion	Ratio	Lower	Upper
117	100		
82	50.5	40.0	60.0
119	32.3	25.8	38.6

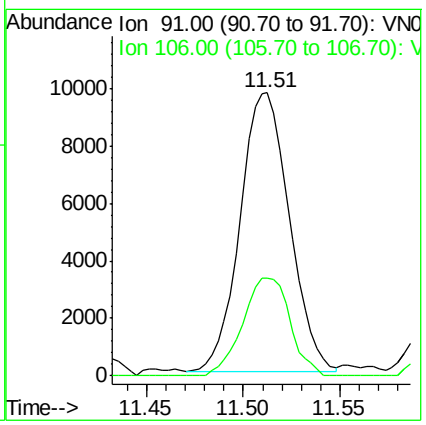


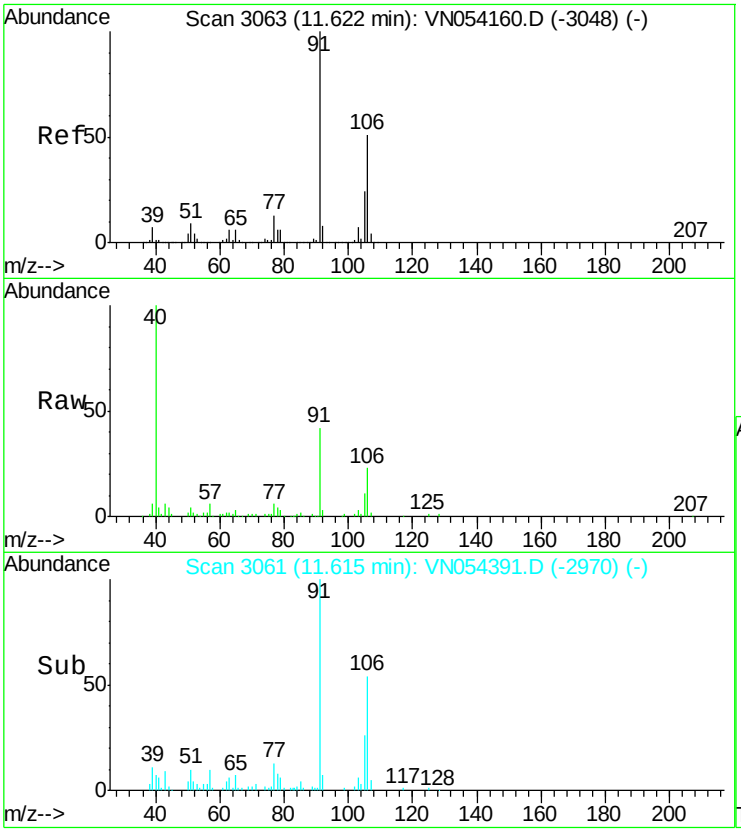


#67
Ethyl Benzene
Concen: 0.214 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion: 91 Resp: 17085

Ion	Ratio	Lower	Upper
91	100		
106	35.4	25.5	38.3



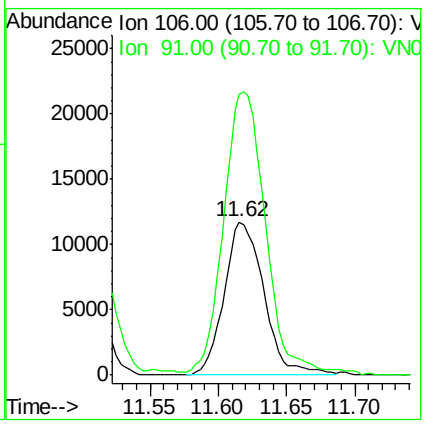


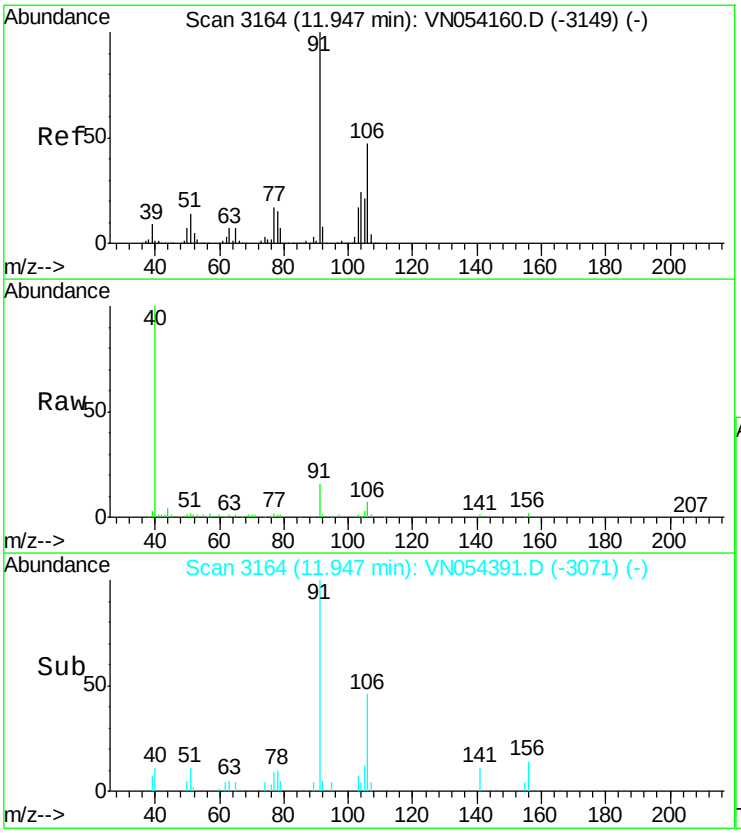
#68
m/p-Xylenes
Concen: 0.764 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument :
MSVOA_N
ClientSampleId :
RT5124

Tgt Ion:106 Resp: 23797

Ion	Ratio	Lower	Upper
106	100		
91	196.1	159.4	239.2

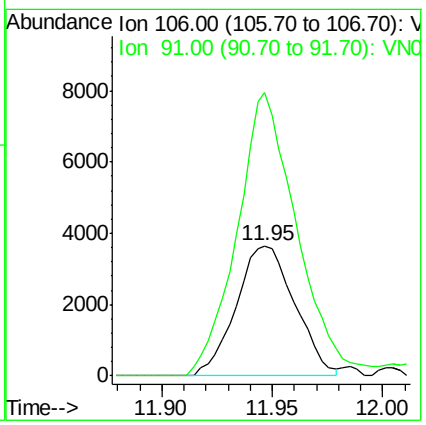


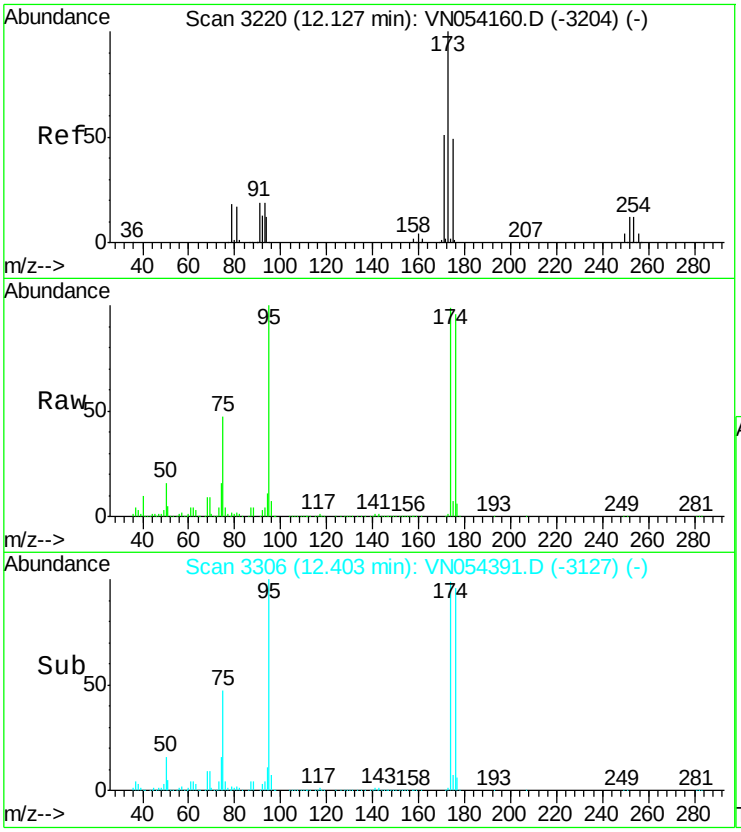


#69
o-Xylene
Concen: 0.222 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion:106 Resp: 6732

Ion	Ratio	Lower	Upper
106	100		
91	222.3	105.7	317.1



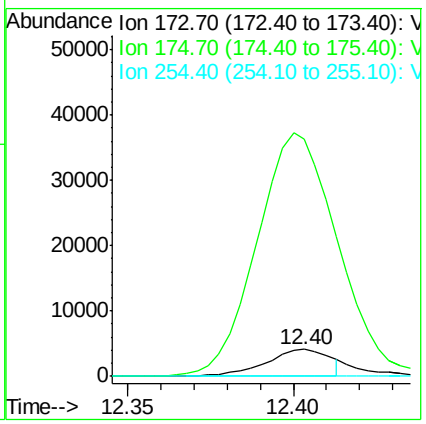


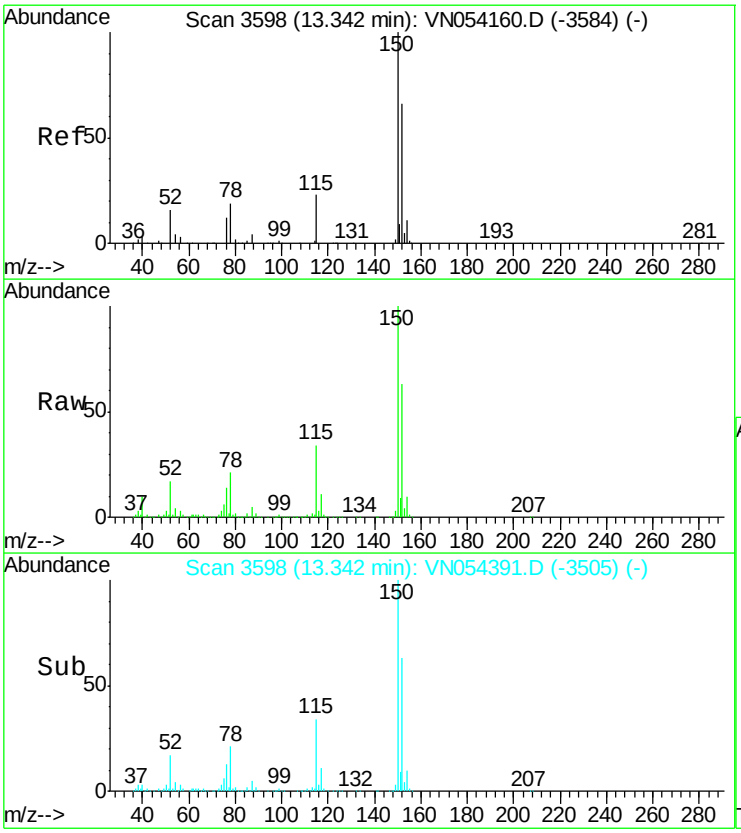
#71
Bromoform
Concen: 2.746 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument : MSVOA_N
ClientSampleId : RT5124

Tgt Ion:173 Resp: 5529

Ion	Ratio	Lower	Upper
173	100		
175	990.8	24.4	73.2#
254	0.0	0.1	0.1#

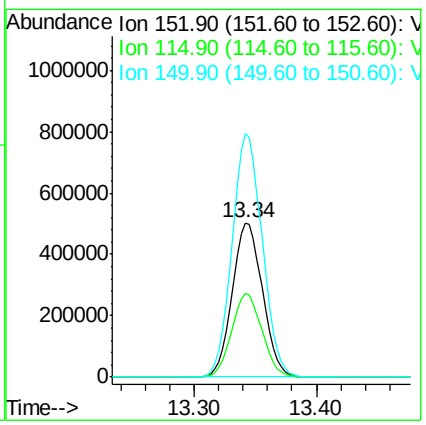


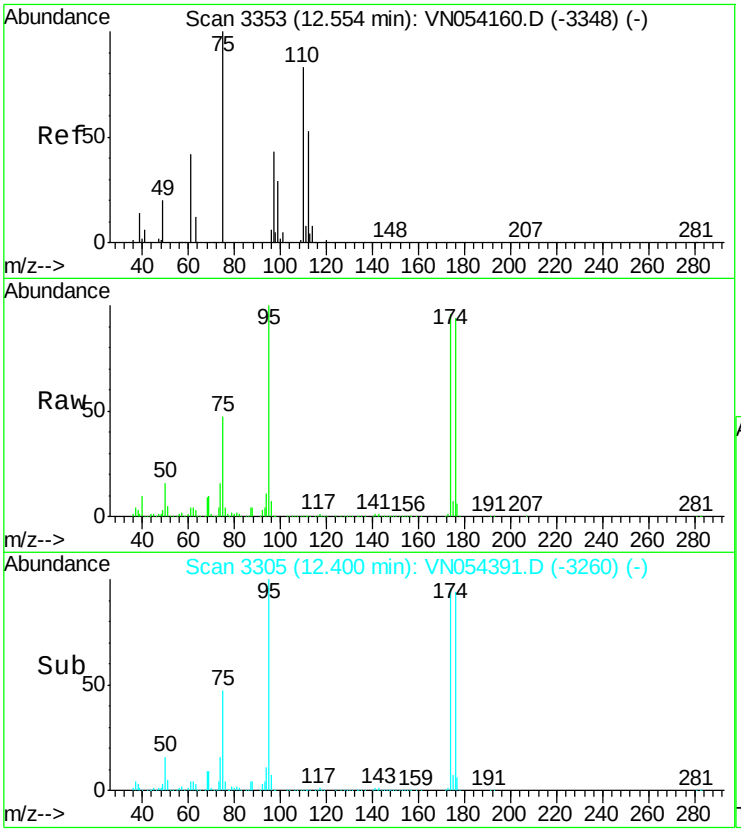


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion:152 Resp: 861788

Ion	Ratio	Lower	Upper
152	100		
115	54.5	27.2	81.6
150	157.5	0.0	349.2



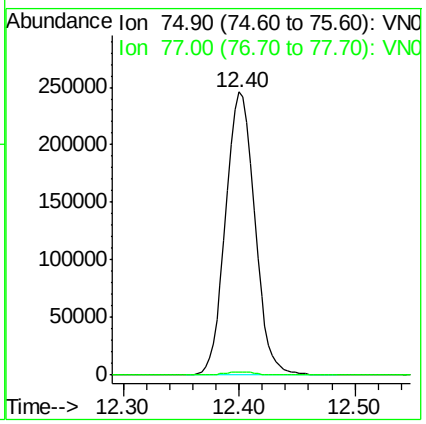


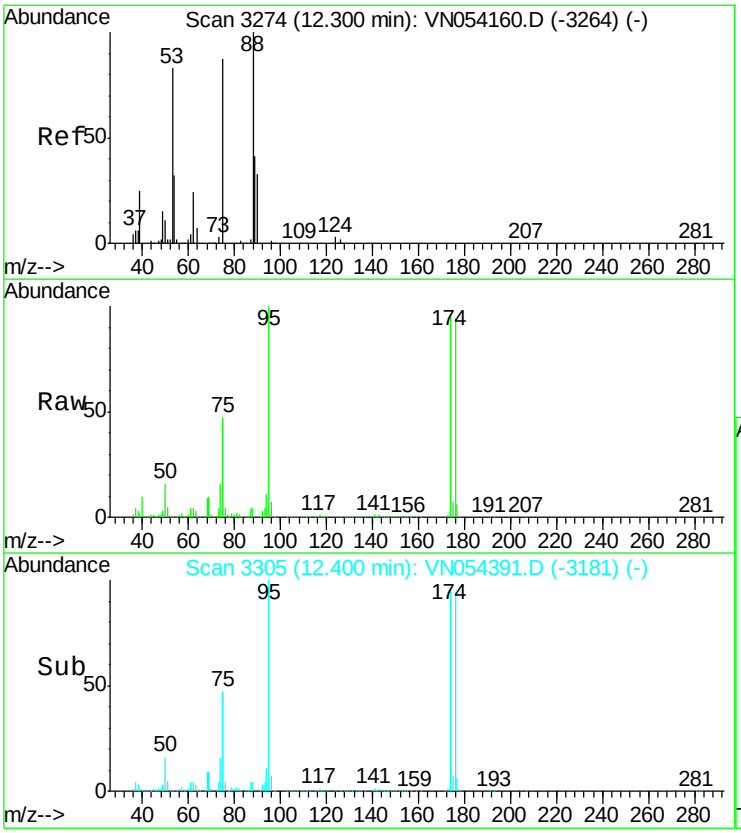
#76
1,2,3-Trichloropropane
Concen: 33.771 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument :
MSVOA_N
ClientSampleId :
RT5124

Tgt Ion: 75 Resp: 427983

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

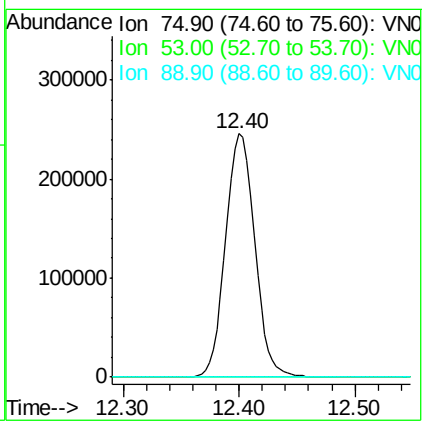


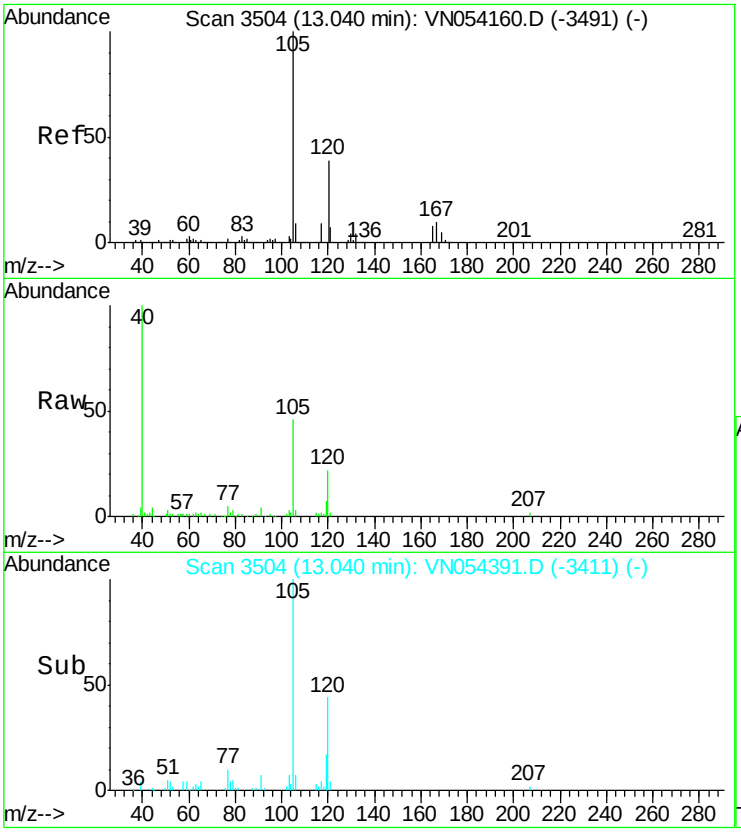


#81
trans-1,4-Dichloro-2-butene
Concen: 115.445 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion: 75 Resp: 427983

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



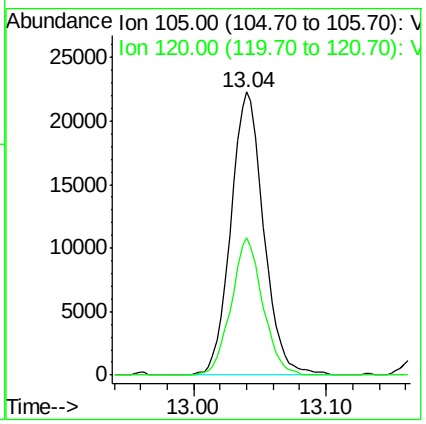


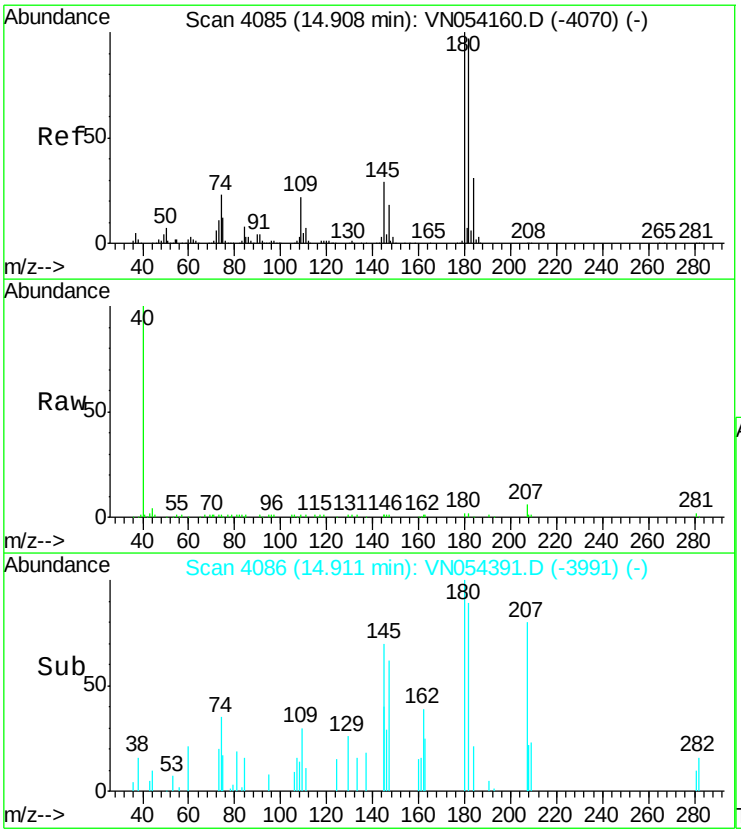
#84
1,2,4-Trimethylbenzene
Concen: 0.680 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument :
MSVOA_N
ClientSampleId :
RT5124

Tgt Ion:105 Resp: 38278

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.3

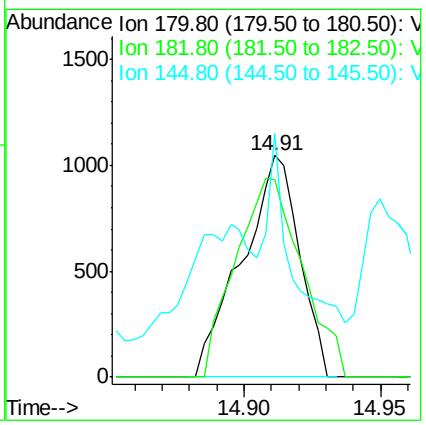


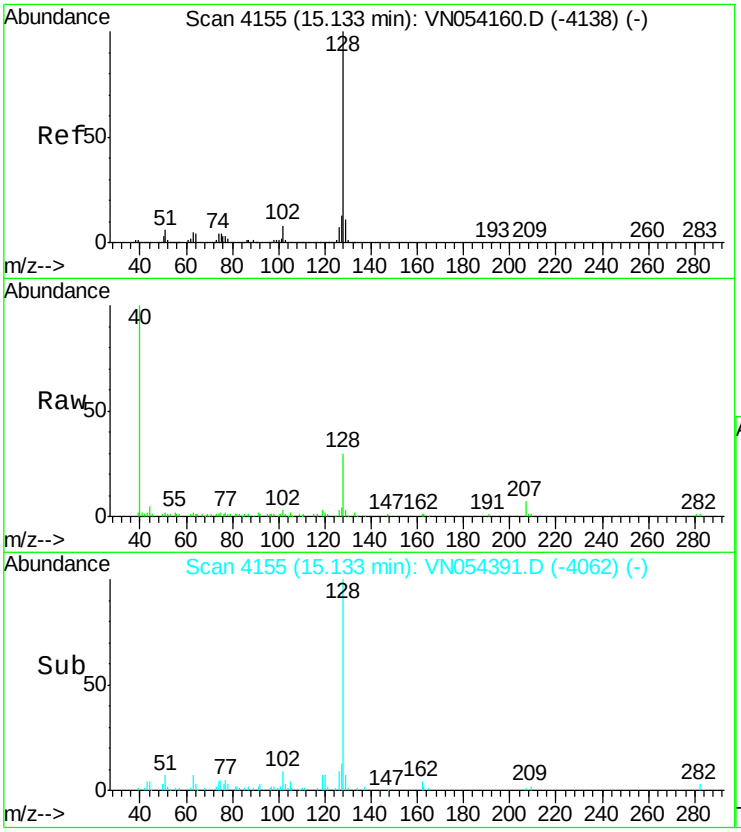


#93
1,2,4-Trichlorobenzene
Concen: 2.596 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Tgt Ion:180 Resp: 1527

Ion	Ratio	Lower	Upper
180	100		
182	103.8	48.0	144.2
145	51.2	14.2	42.8#





#95
Naphthalene
Concen: 4.140 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054391.D
Acq: 18 Mar 2019 13:59

Instrument :
MSVOA_N
ClientSampleId :
RT5124

Tgt Ion:128 Resp: 27211

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.1	15.1
129	12.2	8.7	13.1