Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054402.D
Acq On : 18 Mar 2019 19:00
Operator : JC/SP
Sample : K1972-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TW-10-031519

Quant Time: Mar 19 05:14:57 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	1840811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2672280	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2217368	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	772722	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	885949	45.32	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.64%			
35) Dibromofluoromethane	7.59	113	823450	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.56%			
50) Toluene-d8	10.09	98	3053103	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.94%			
62) 4-Bromofluorobenzene	12.40	95	886166	39.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.58%			
Target Compounds						Qvalue
10) Methyl Iodide	3.93	142	645	1.520	ug/l #	20
13) Acrolein	3.59	56	549	0.432	ug/l #	14
16) Acetone	3.82	43	11321	2.023	ug/l	95
18) Methyl Acetate	4.34	43	2302	0.203	ug/l	99
20) Methylene Chloride	4.55	84	4627	0.252	ug/l	85
31) Cyclohexane	7.67	56	30249	Below Cal	#	4
36) 1,1-Dichloropropene	7.66	75	110730	4.499	ug/l #	48
38) Carbon Tetrachloride	7.66	117	150597	5.835	ug/l #	16
44) Trichloroethene	8.83	130	4561	0.208	ug/l	92
51) 4-Methyl-2-Pentanone	9.99	43	3649	0.278	ug/l	94
53) t-1,3-Dichloropropene	10.38	75	288	1.996	ug/l #	87
58) 2-Chloroethyl Vinyl ether	9.71	63	73	16.836	ug/l #	44
59) 2-Hexanone	10.75	43	4336	0.496	ug/l	85
68) m/p-Xylenes	11.62	106	9415	0.298	ug/l	91
71) Bromoform	12.40	173	5537	2.742	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	421654	37.107	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	421654	126.848	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	4919	2.804	ug/l	95
94) Hexachlorobutadiene	15.00	225	2074	0.202	ug/l	79
95) Naphthalene	15.14	128	17072	3.938	ug/l	97
96) 1,2,3-Trichlorobenzene	15.32	180	6059	0.423	ug/l	95

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

Quantitation Report (Not Reviewed)

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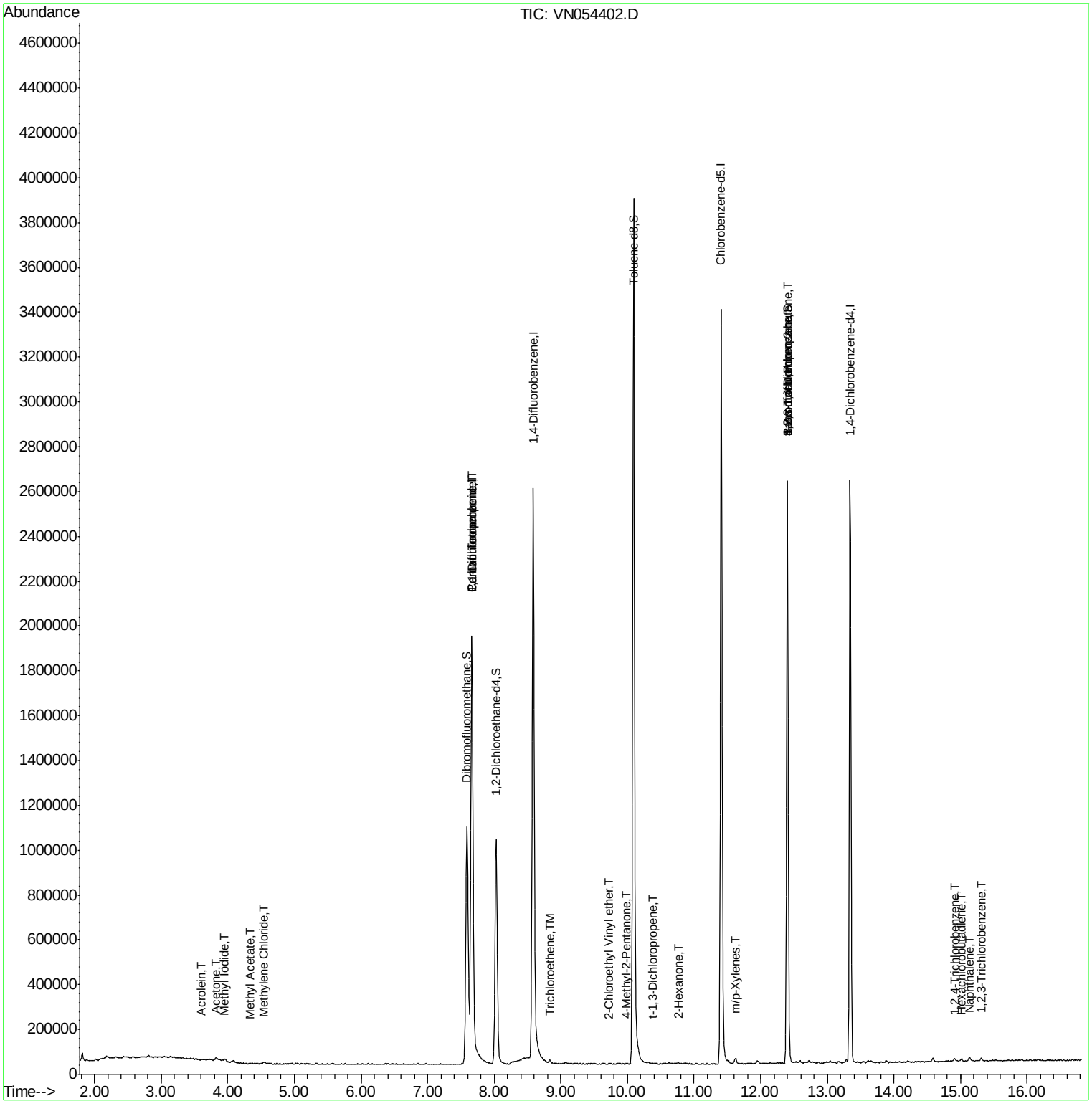
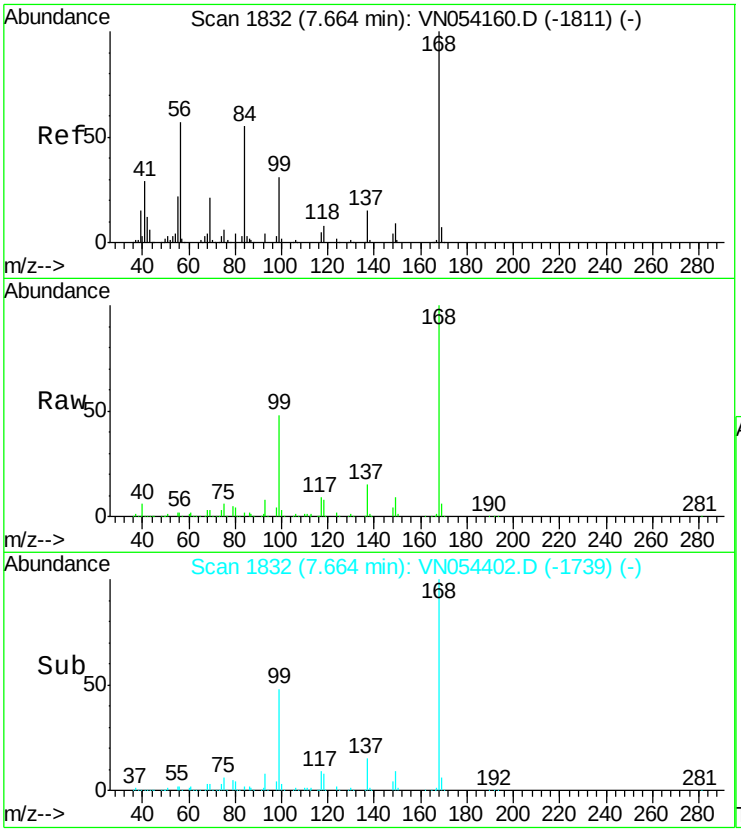
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



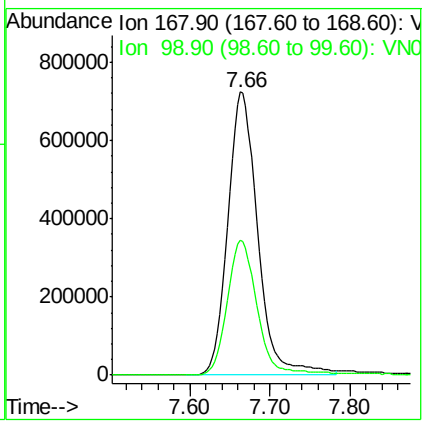


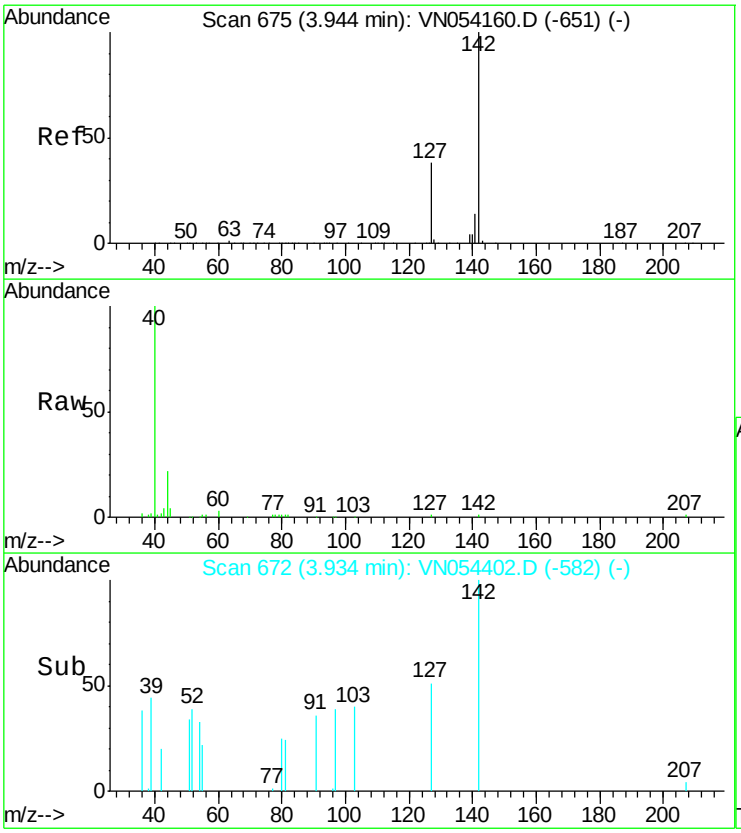
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument :
MSVOA_N
ClientSampleId :
TW-10-031519

Tgt Ion:168 Resp: 1840811

Ion	Ratio	Lower	Upper
168	100		
99	47.8	37.1	55.7

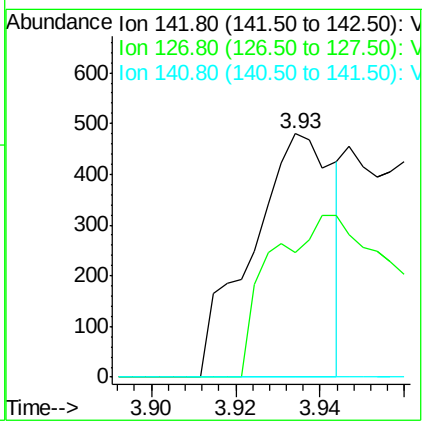


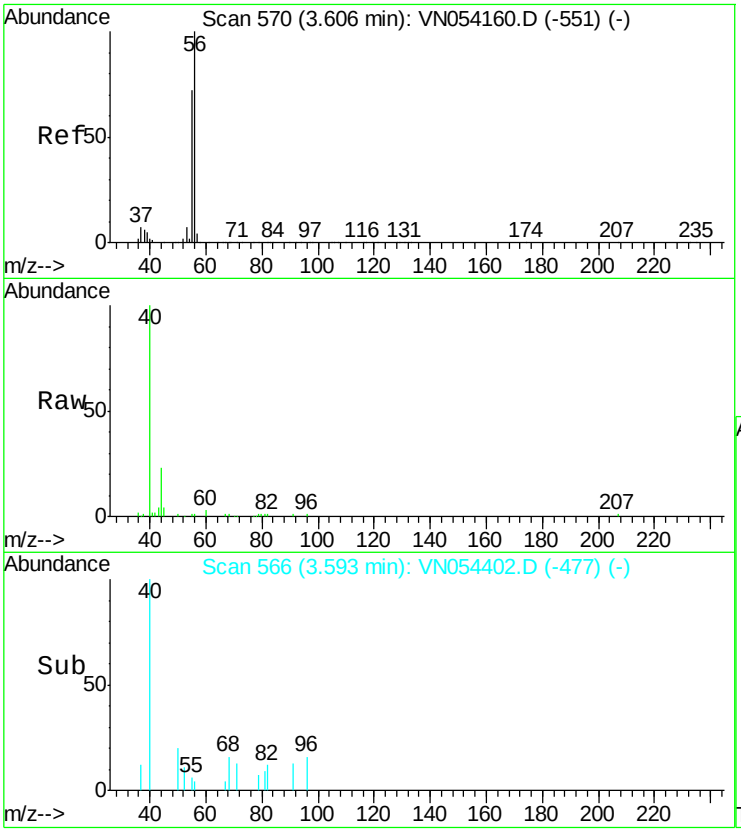


#10
Methyl Iodide
Concen: 1.520 ug/l
RT: 3.93 min Scan# 672
Delta R.T. -0.01 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion:142 Resp: 645

Ion	Ratio	Lower	Upper
142	100		
127	96.6	30.3	45.5#
141	0.0	11.2	16.8#



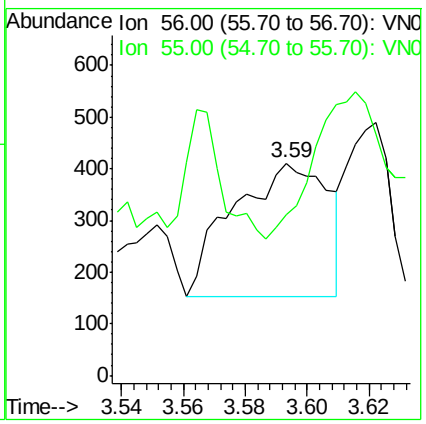


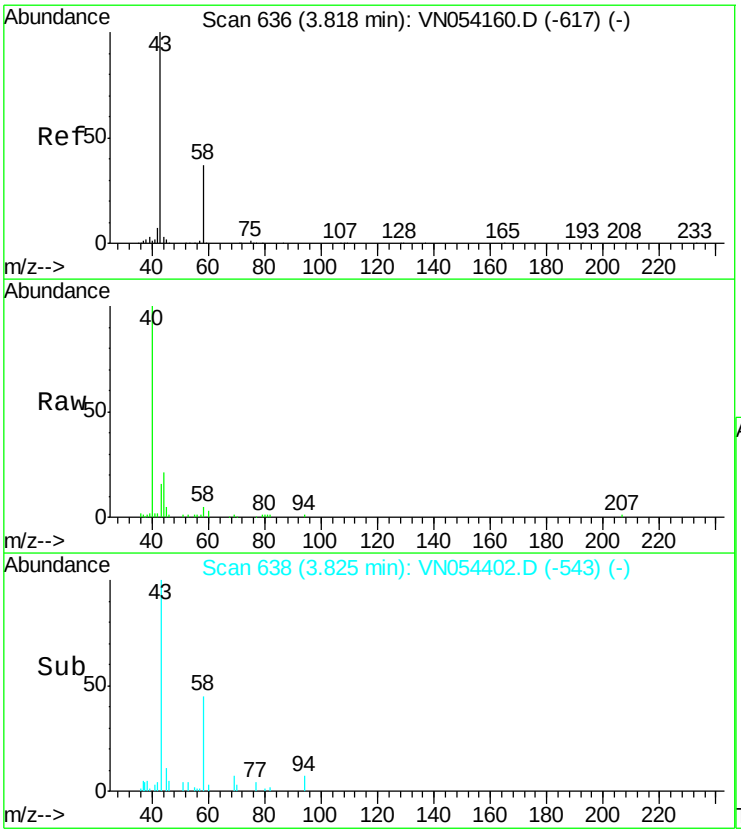
#13
Acrolein
Concen: 0.432 ug/l
RT: 3.59 min Scan# 566
Delta R.T. -0.01 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument : MSVOA_N
ClientSampleId : TW-10-031519

Tgt Ion: 56 Resp: 549

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.7	85.1#

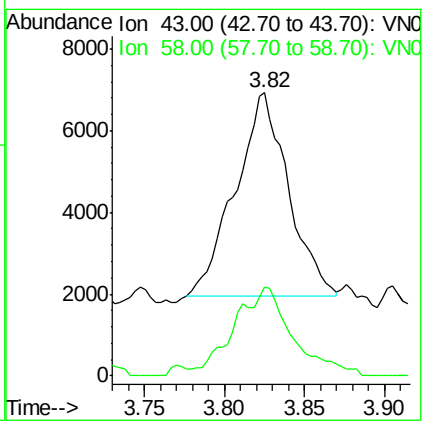


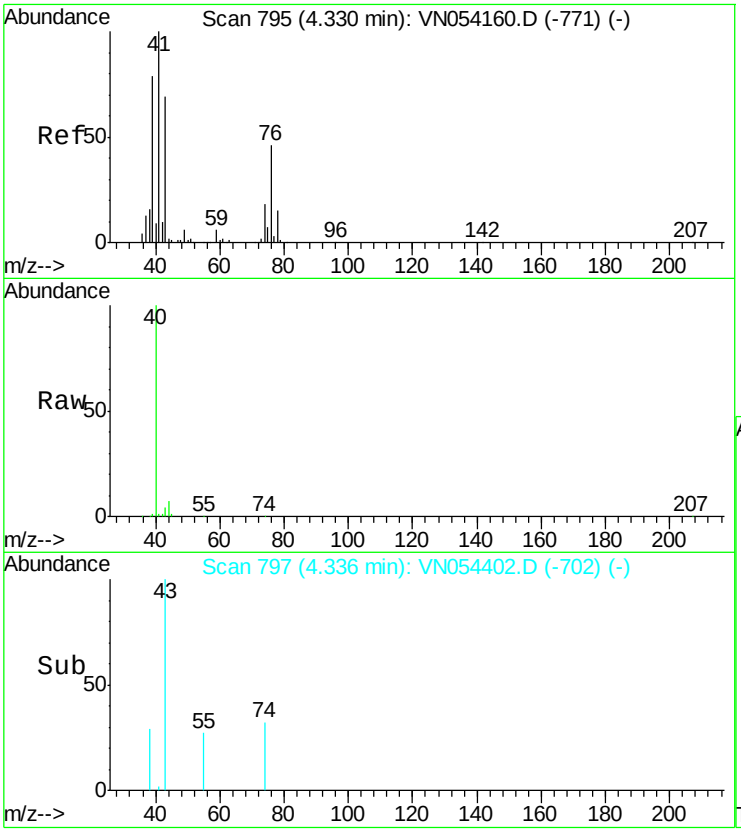


#16
Acetone
Concen: 2.023 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion: 43 Resp: 11321

Ion	Ratio	Lower	Upper
43	100		
58	40.2	29.9	44.9



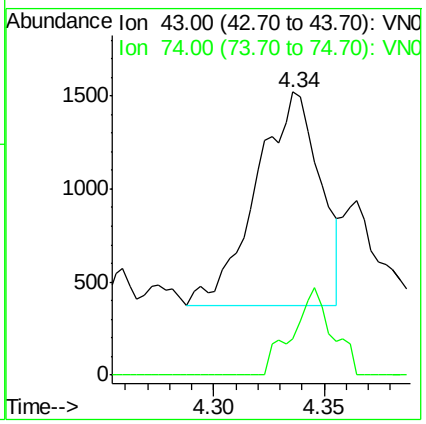


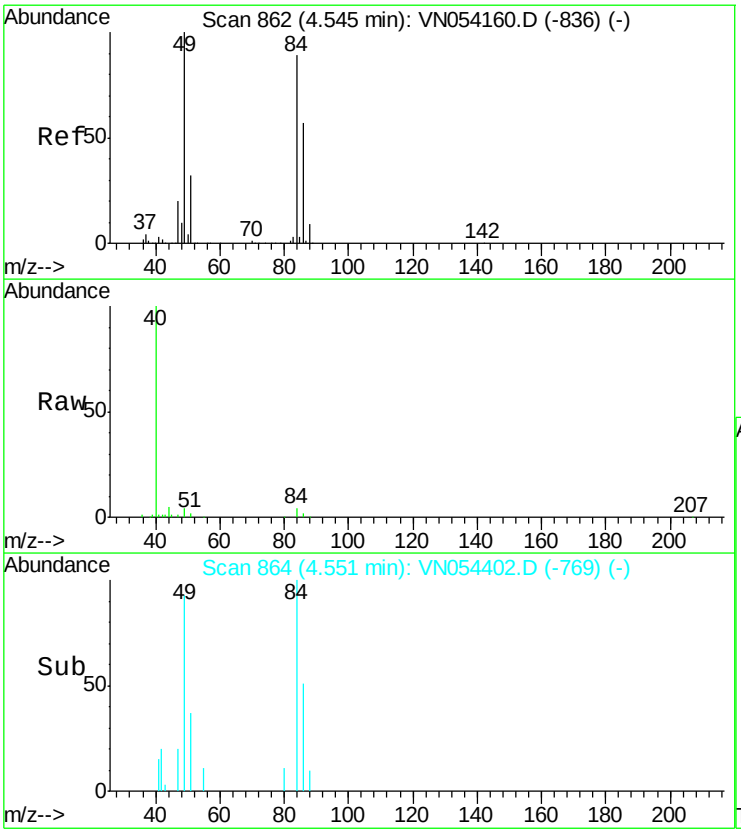
#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument : MSVOA_N
ClientSampleId : TW-10-031519

Tgt Ion: 43 Resp: 2302

Ion	Ratio	Lower	Upper
43	100		
74	25.3	20.8	31.2

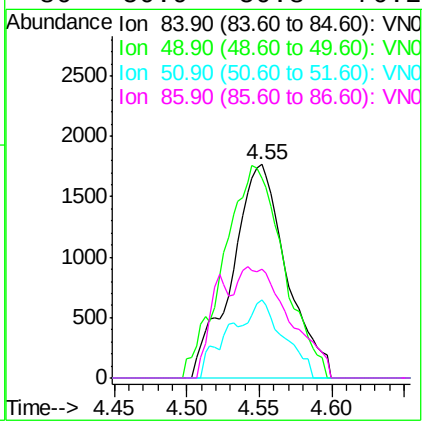


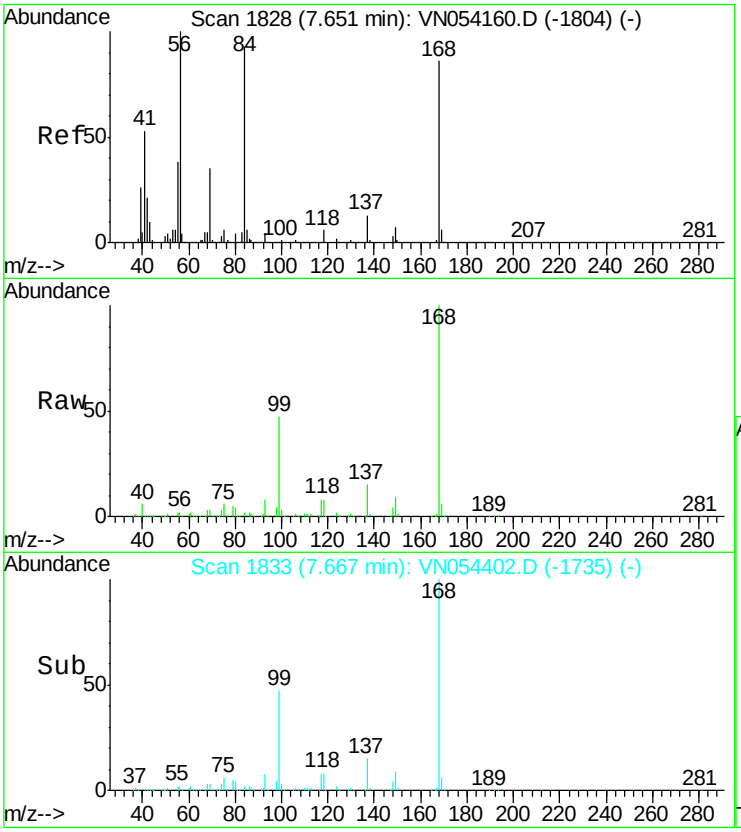


#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.01 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion: 84 Resp: 4627

Ion	Ratio	Lower	Upper
84	100		
49	93.3	89.7	134.5
51	36.8	28.2	42.4
86	50.9	50.8	76.2



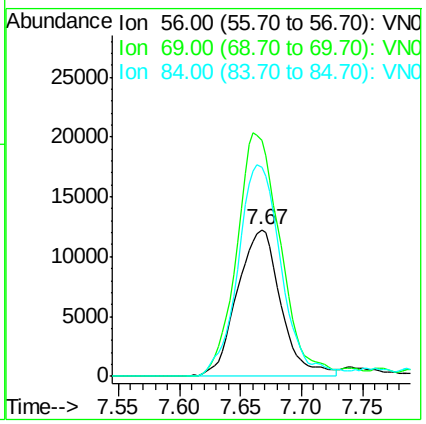


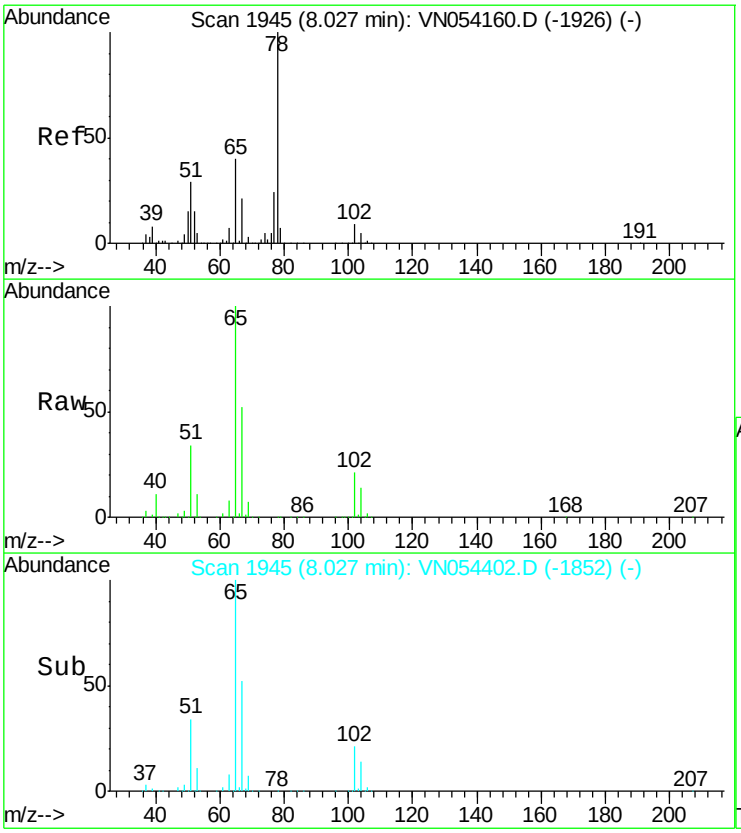
#31
Cyclohexane
Concen: Below Cal
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument : MSVOA_N
ClientSampleId : TW-10-031519

Tgt Ion: 56 Resp: 30249

Ion	Ratio	Lower	Upper
56	100		
69	160.3	27.8	41.6#
84	142.3	74.6	111.8#

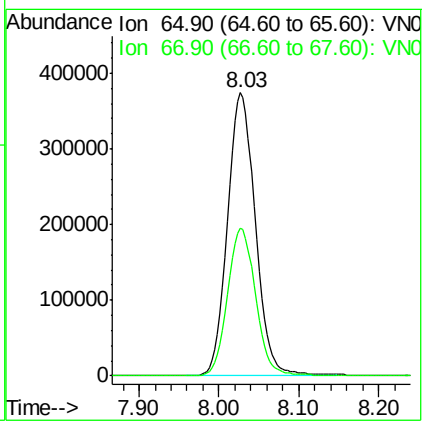


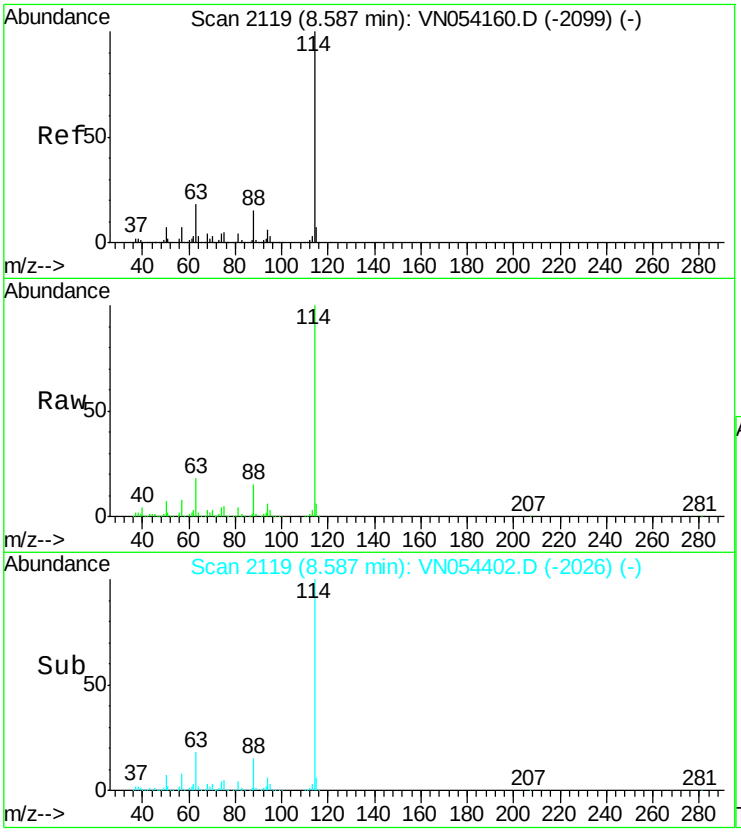


#33
1,2-Dichloroethane-d4
Concen: 45.318 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion: 65 Resp: 885949

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.6



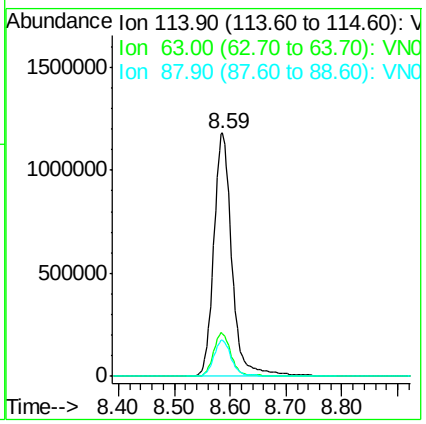


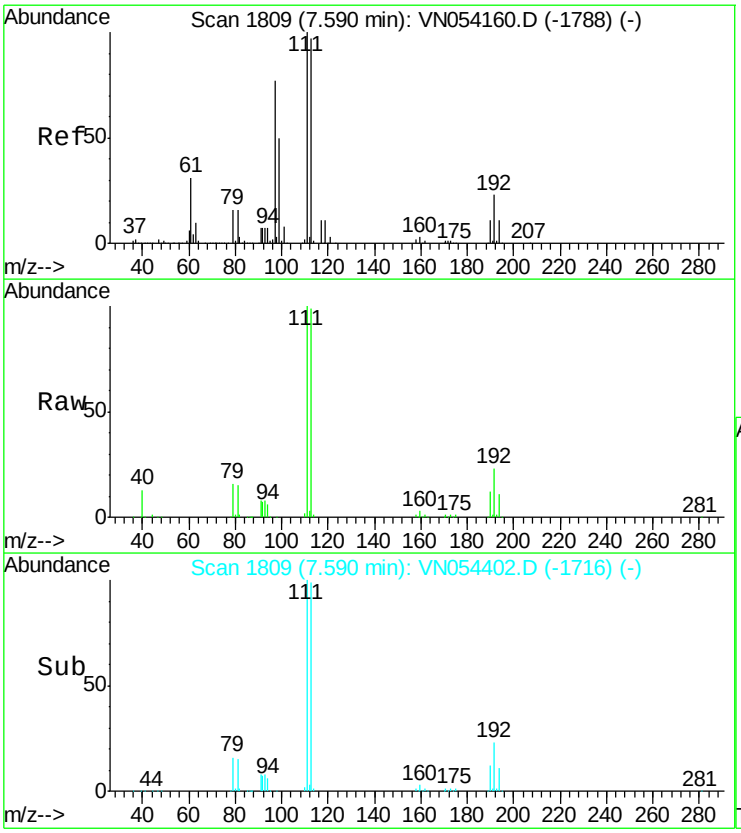
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument :
MSVOA_N
ClientSampleId :
TW-10-031519

Tgt Ion:114 Resp: 2672280

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	35.2
88	14.7	0.0	30.2

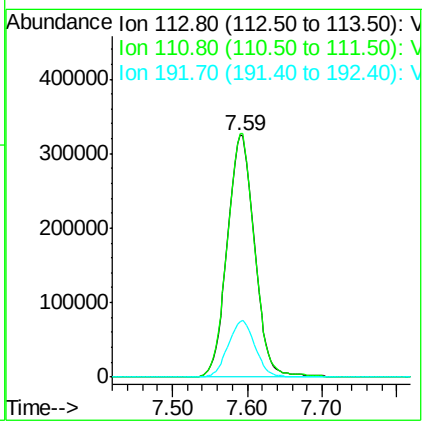


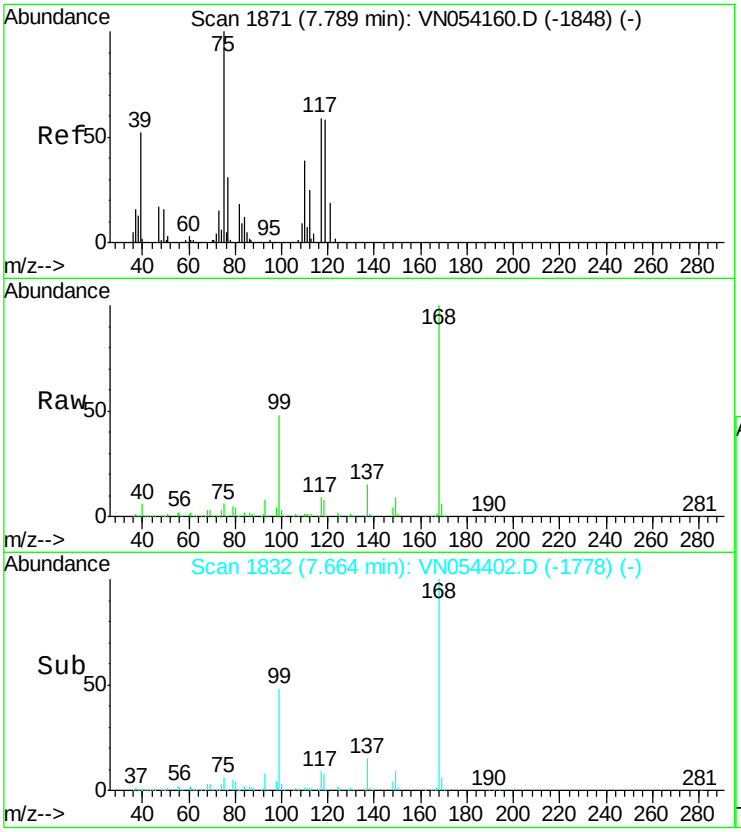


#35
Dibromofluoromethane
Concen: 47.777 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion:113 Resp: 823450

Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.2	123.4
192	23.3	19.2	28.8



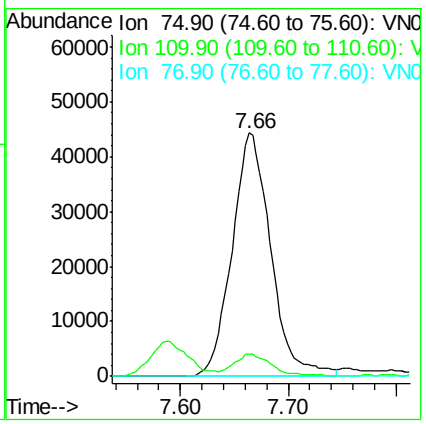


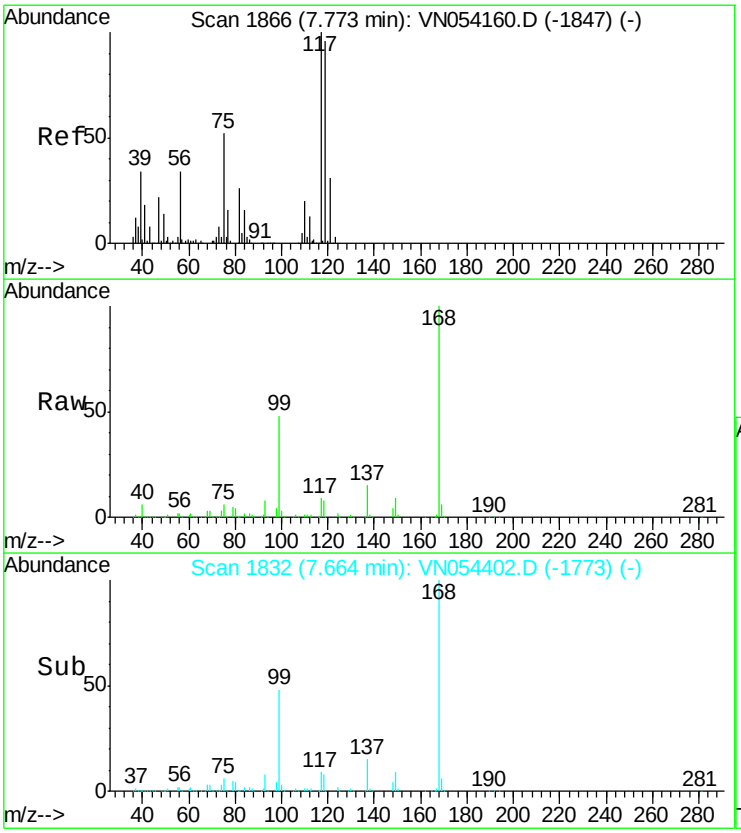
#36
1,1-Dichloropropene
Concen: 4.499 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument :
MSVOA_N
ClientSampleId :
TW-10-031519

Tgt Ion: 75 Resp: 110730

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

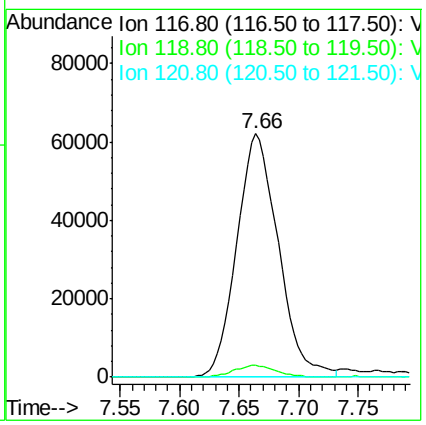


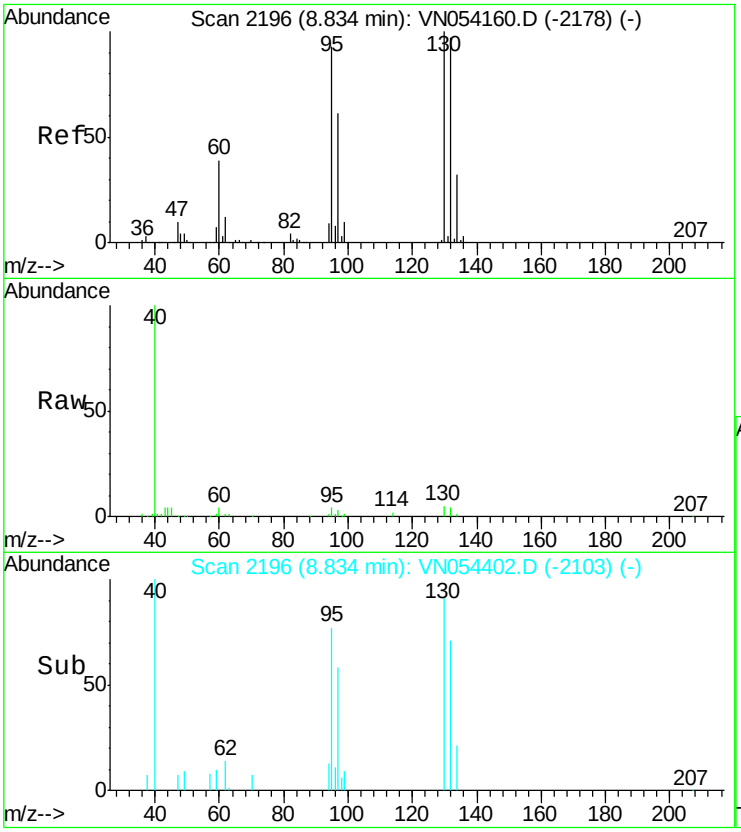


#38
Carbon Tetrachloride
Concen: 5.835 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion:117 Resp: 150597

Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.3	114.5#
121	0.0	24.6	36.8#



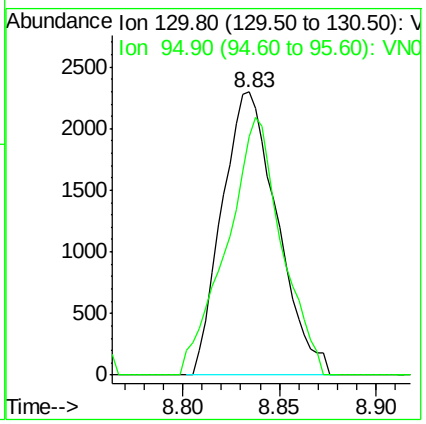


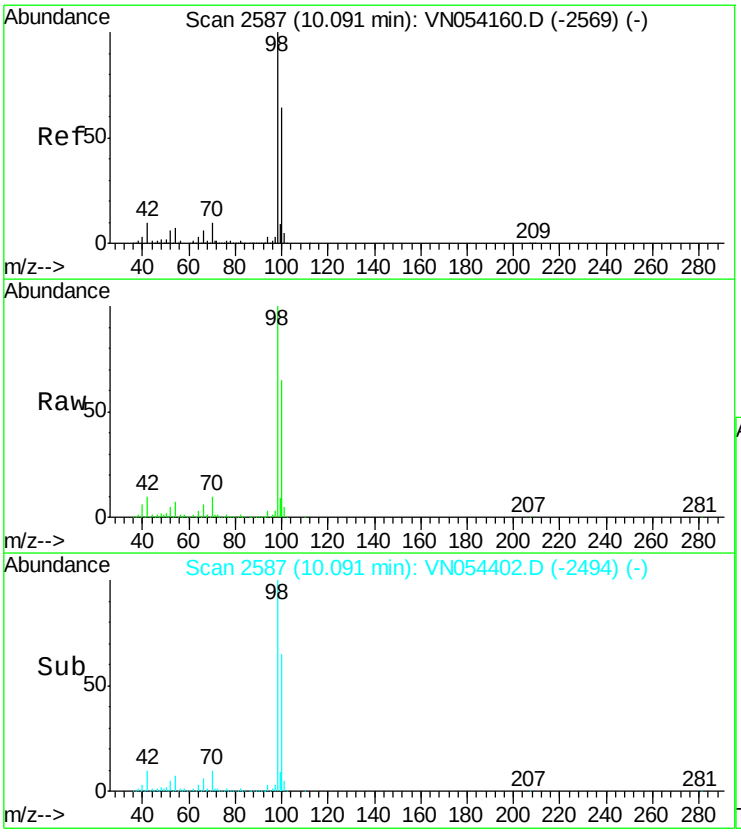
#44
Trichloroethene
Concen: 0.208 ug/l
RT: 8.83 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument :
MSVOA_N
ClientSampleId :
TW-10-031519

Tgt Ion:130 Resp: 4561

Ion	Ratio	Lower	Upper
130	100		
95	84.5	0.0	185.2

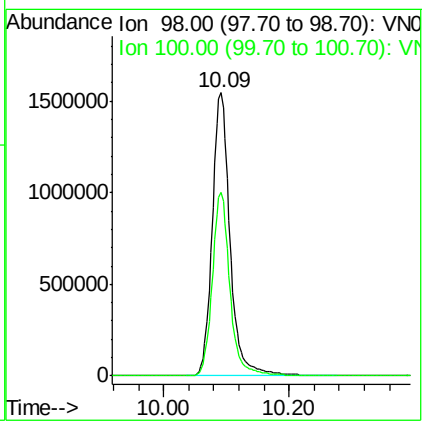


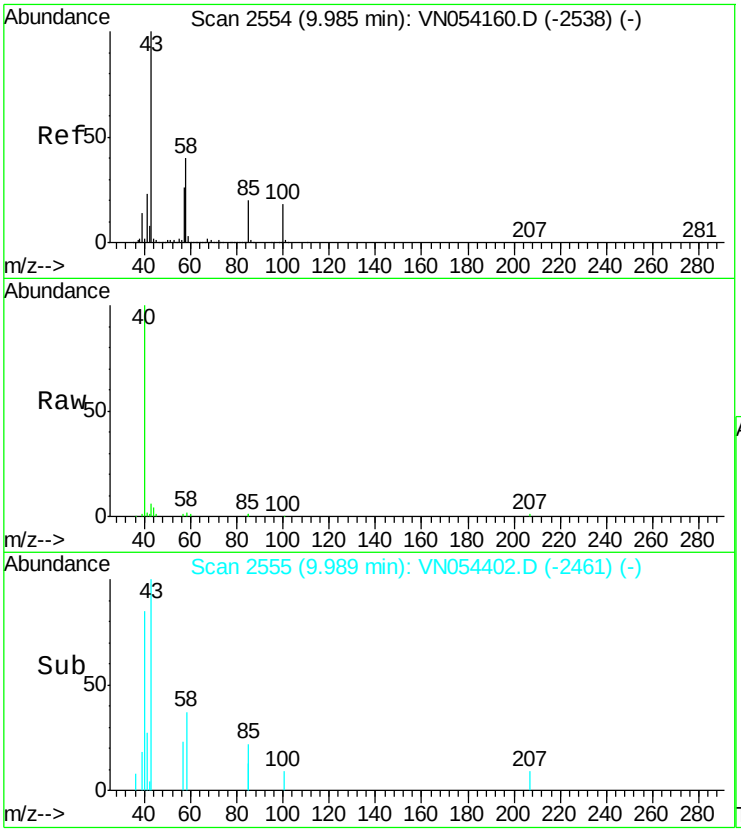


#50
Toluene-d8
Concen: 47.966 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion: 98 Resp: 3053103

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.2	76.8



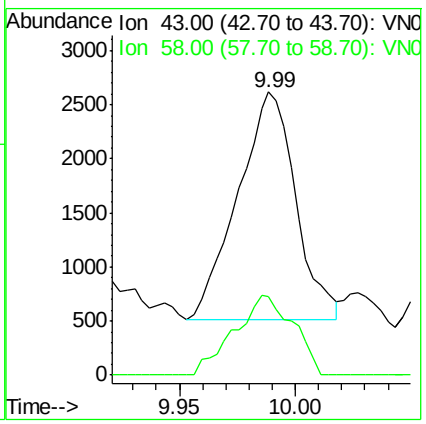


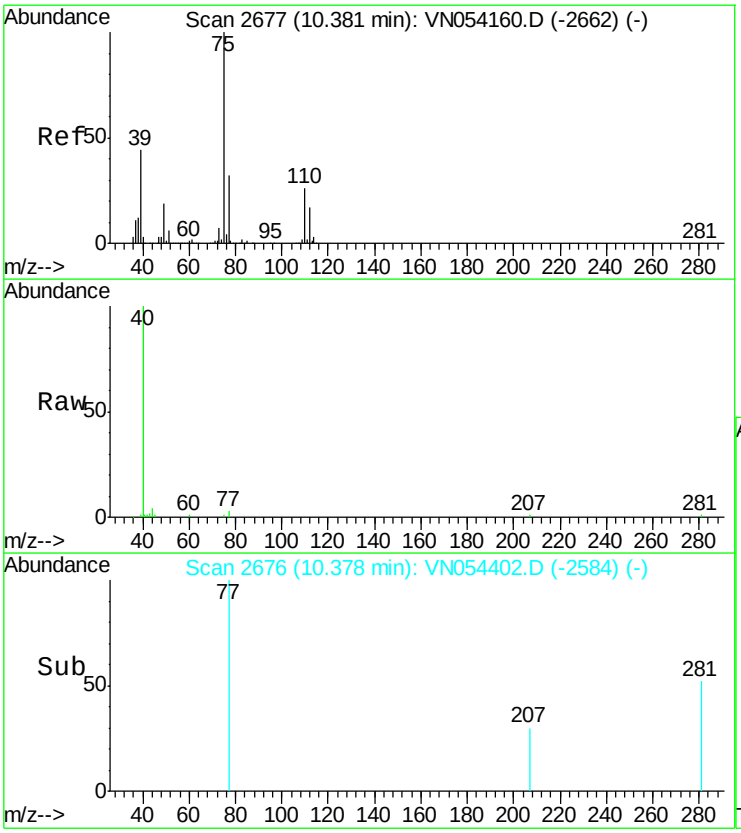
#51
4-Methyl-2-Pentanone
Concen: 0.278 ug/l
RT: 9.99 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument : MSVOA_N
ClientSampleId : TW-10-031519

Tgt Ion: 43 Resp: 3649

Ion	Ratio	Lower	Upper
43	100		
58	35.8	31.8	47.6

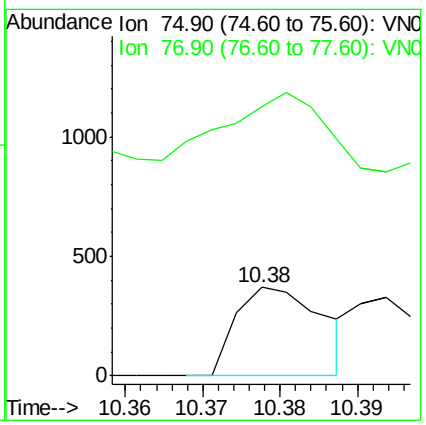


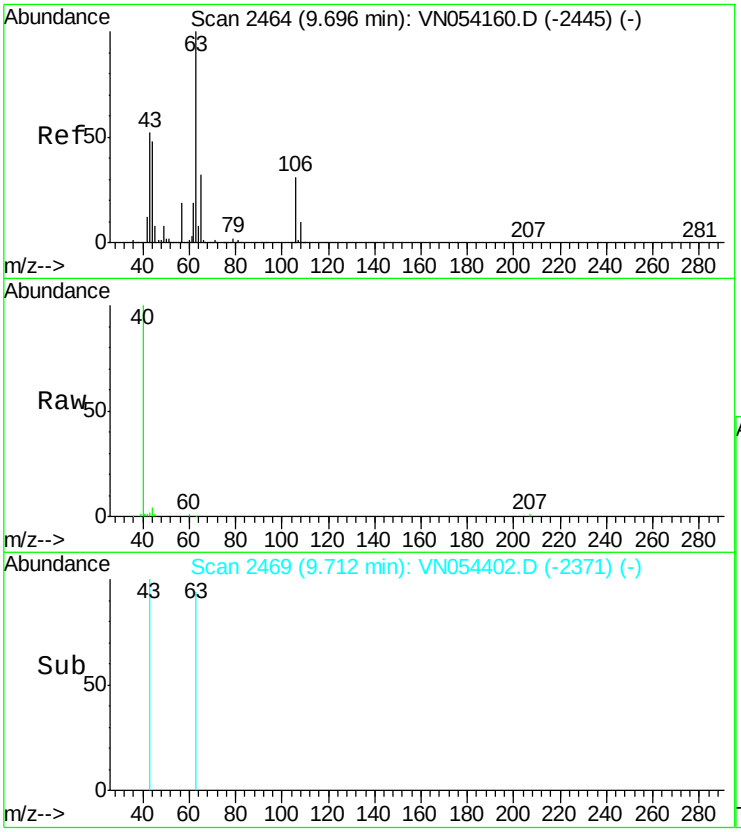


#53
t-1,3-Dichloropropene
Concen: 1.996 ug/l
RT: 10.38 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion: 75 Resp: 288

Ion	Ratio	Lower	Upper
75	100		
77	39.6	25.8	38.8#



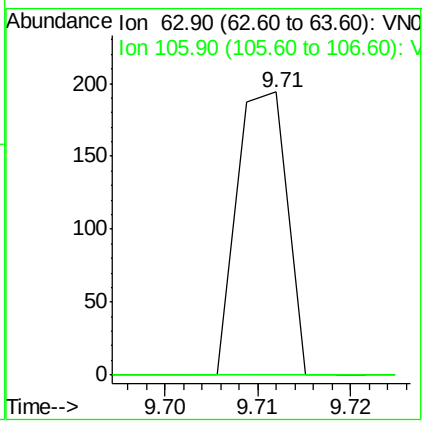


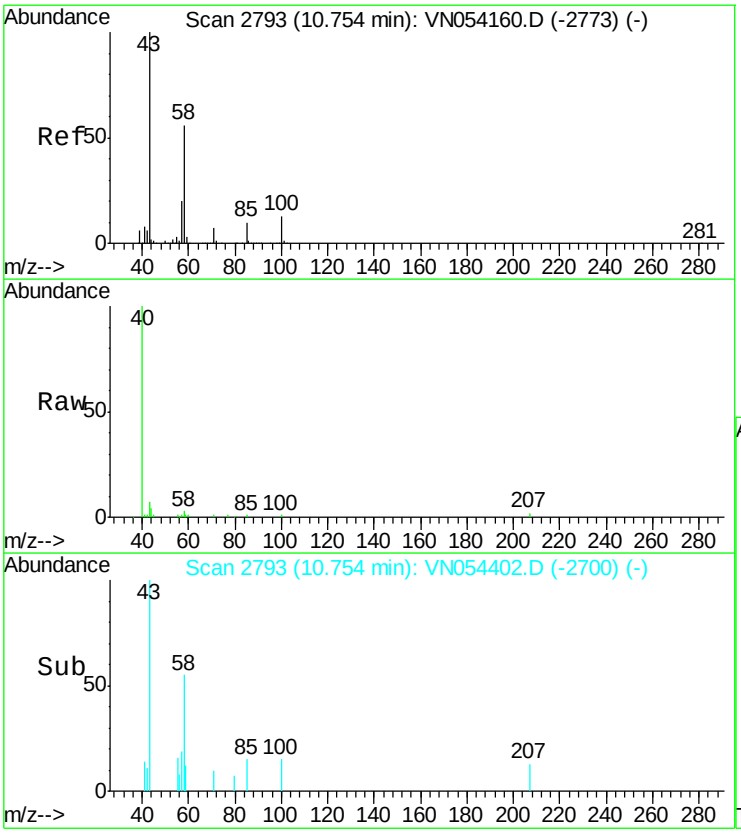
#58
2-Chloroethyl Vinyl ether
Concen: 16.836 ug/l
RT: 9.71 min Scan# 2469
Delta R.T. 0.02 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument : MSVOA_N
ClientSampleId : TW-10-031519

Tgt Ion: 63 Resp: 73

Ion	Ratio	Lower	Upper
63	100		
106	0.0	24.4	36.6#

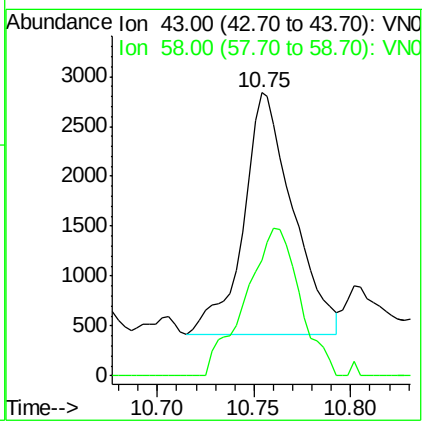


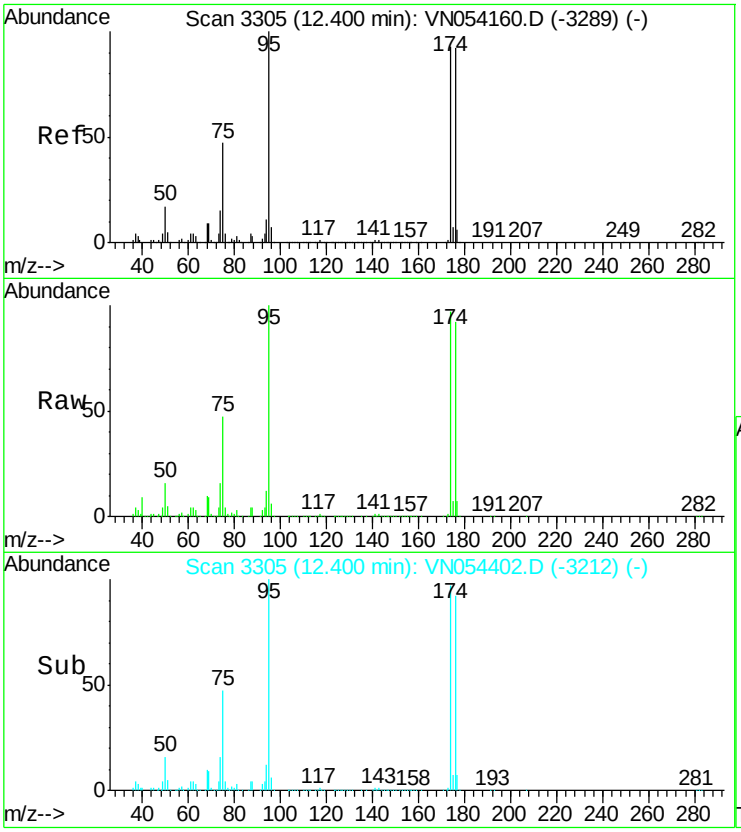


#59
2-Hexanone
Concen: 0.496 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion: 43 Resp: 4336

Ion	Ratio	Lower	Upper
43	100		
58	67.0	28.0	83.9



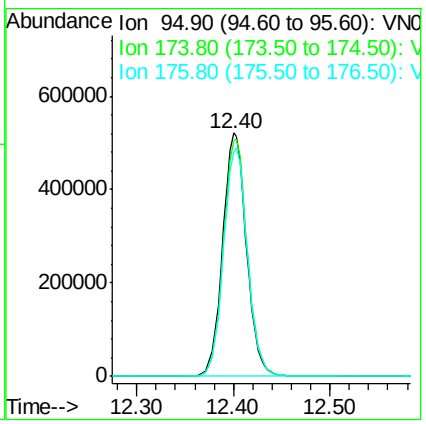


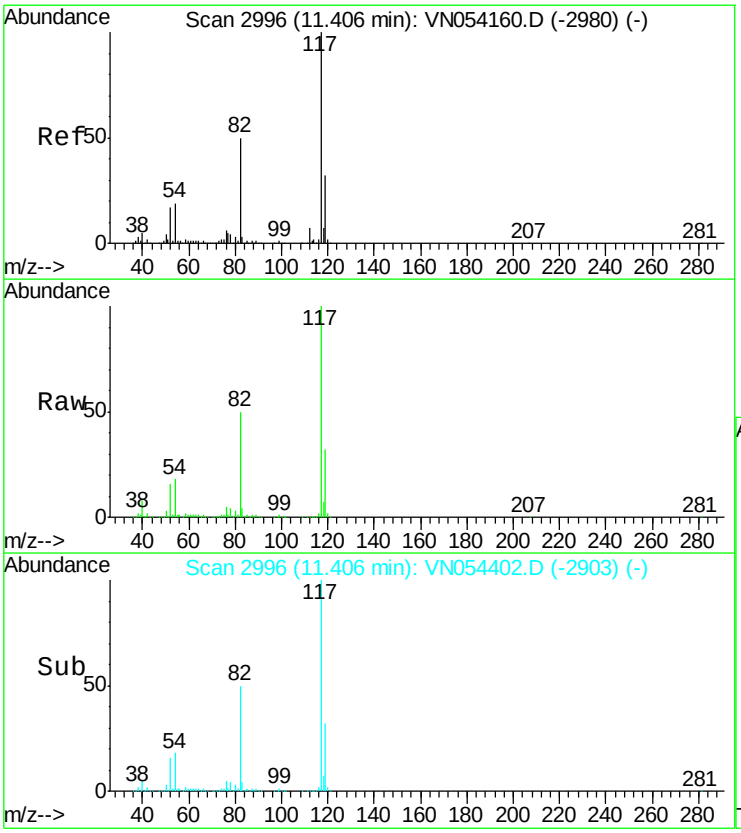
#62
4-Bromofluorobenzene
Concen: 39.789 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument :
MSVOA_N
ClientSampleId :
TW-10-031519

Tgt Ion: 95 Resp: 886166

Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	191.0
176	94.5	0.0	187.4

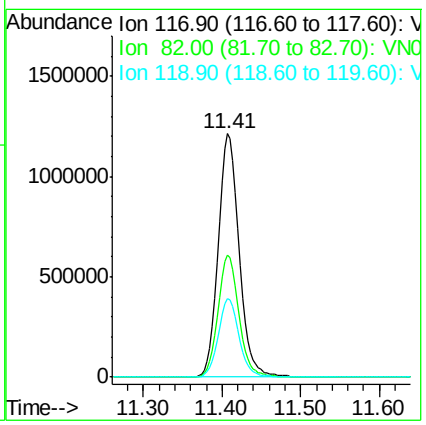


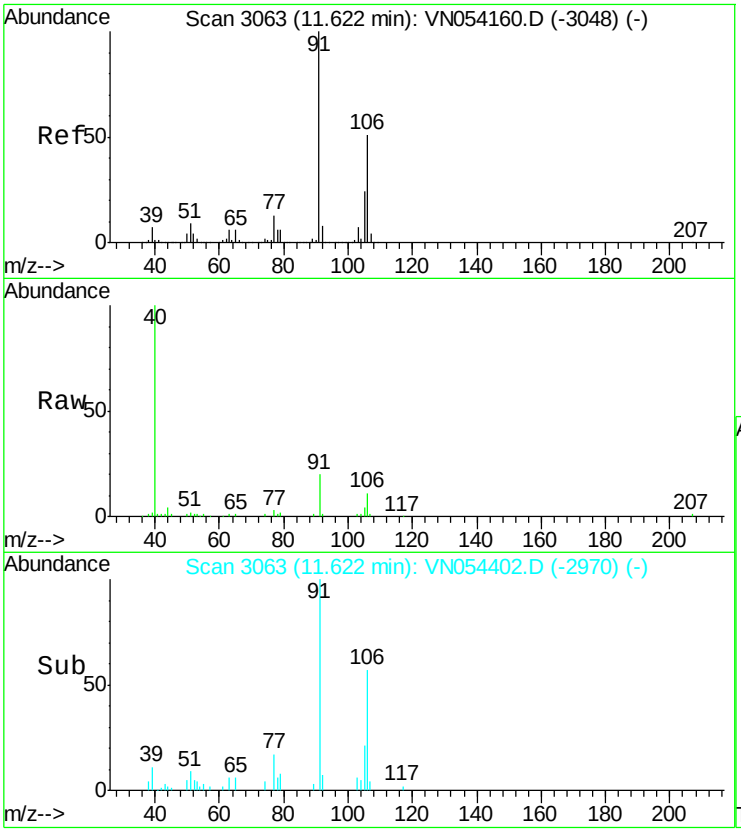


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion:117 Resp: 2217368

Ion	Ratio	Lower	Upper
117	100		
82	50.3	40.0	60.0
119	32.3	25.8	38.6



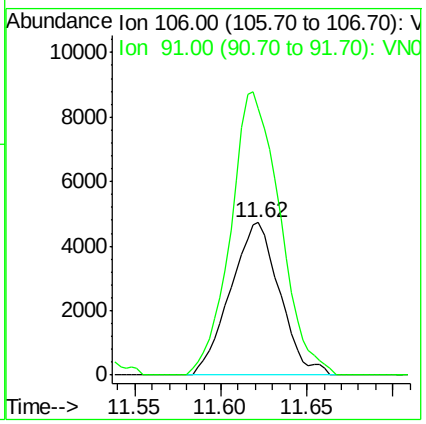


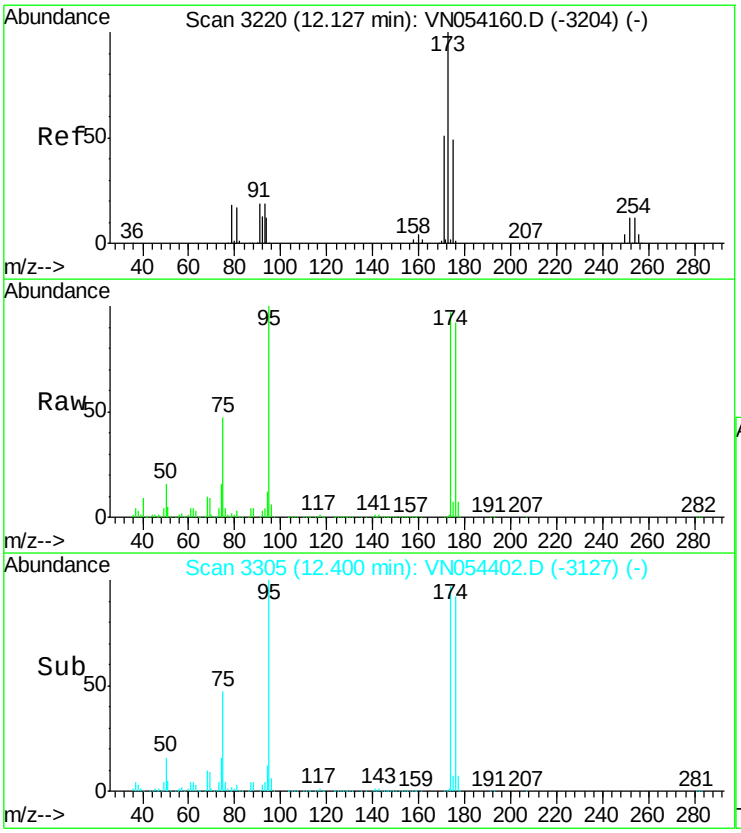
#68
m/p-Xylenes
Concen: 0.298 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument :
MSVOA_N
ClientSampleId :
TW-10-031519

Tgt Ion:106 Resp: 9415

Ion	Ratio	Lower	Upper
106	100		
91	185.9	159.4	239.2

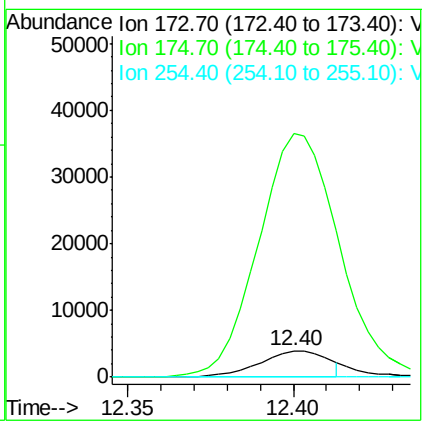


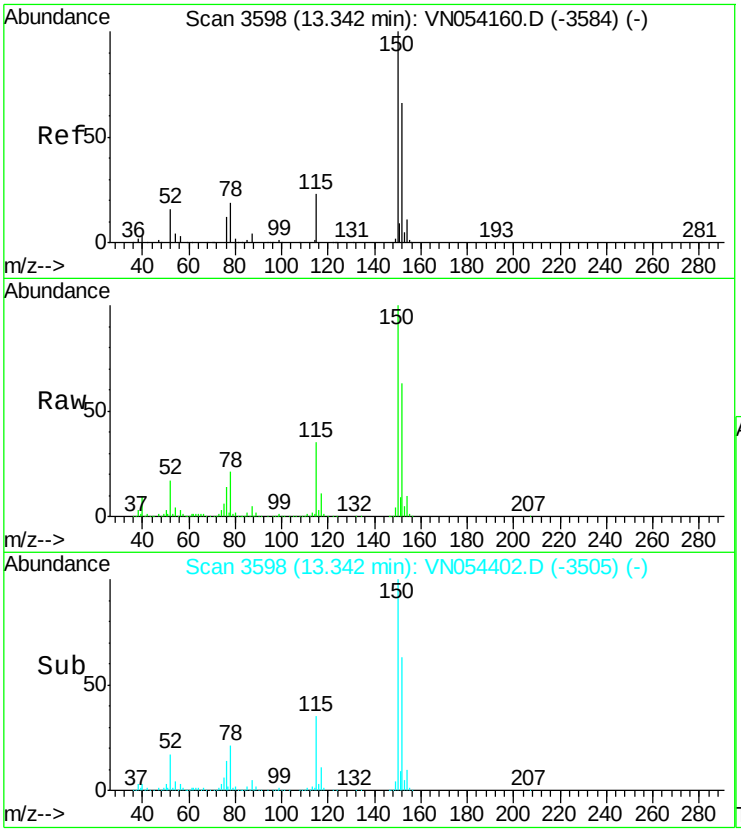


#71
Bromoform
Concen: 2.742 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion:173 Resp: 5537

Ion	Ratio	Lower	Upper
173	100		
175	969.1	24.4	73.2#
254	0.0	0.1	0.1#



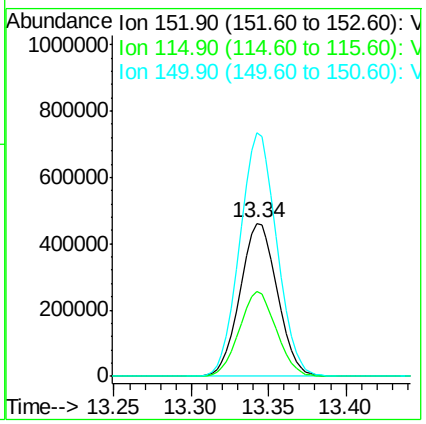


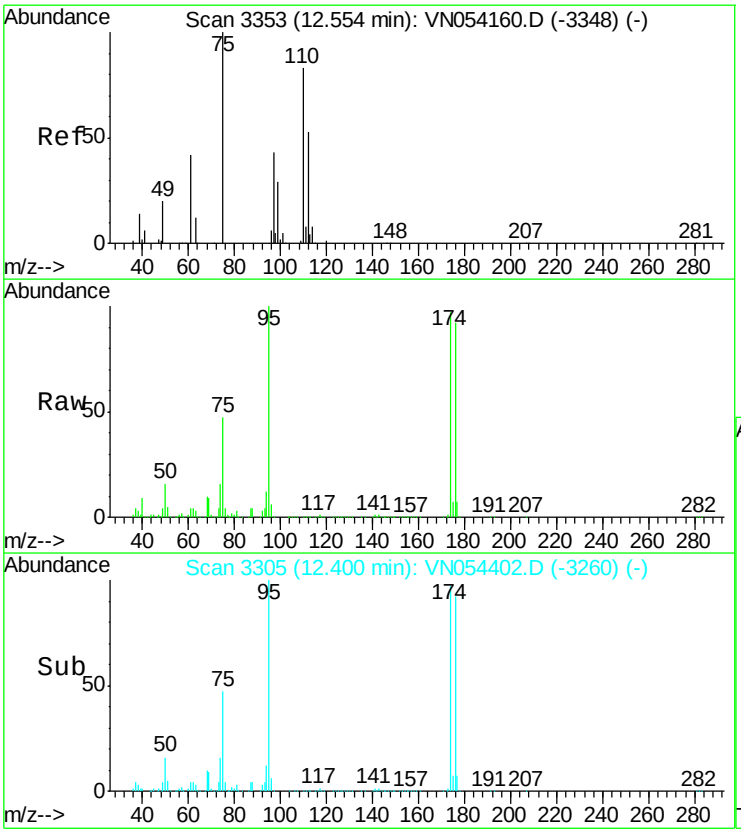
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument : MSVOA_N
ClientSampleId : TW-10-031519

Tgt Ion:152 Resp: 772722

Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.2	81.6
150	157.9	0.0	349.2

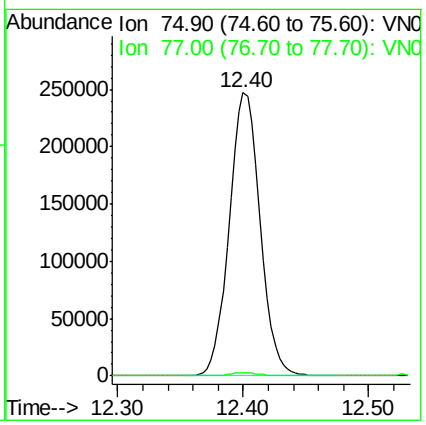


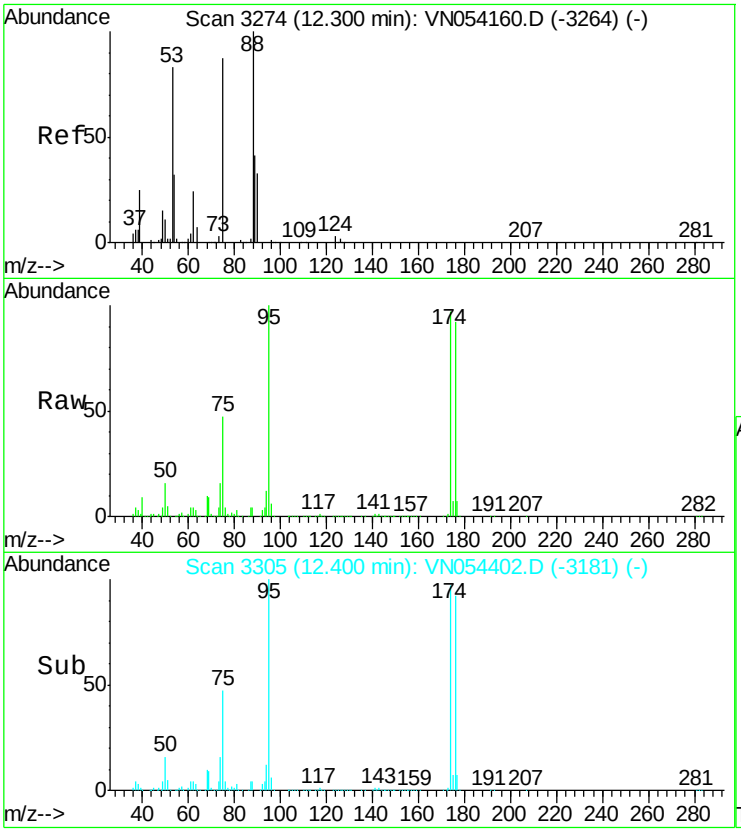


#76
1,2,3-Trichloropropane
Concen: 37.107 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion: 75 Resp: 421654

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#



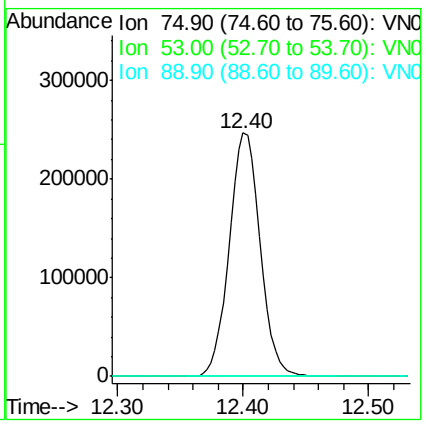


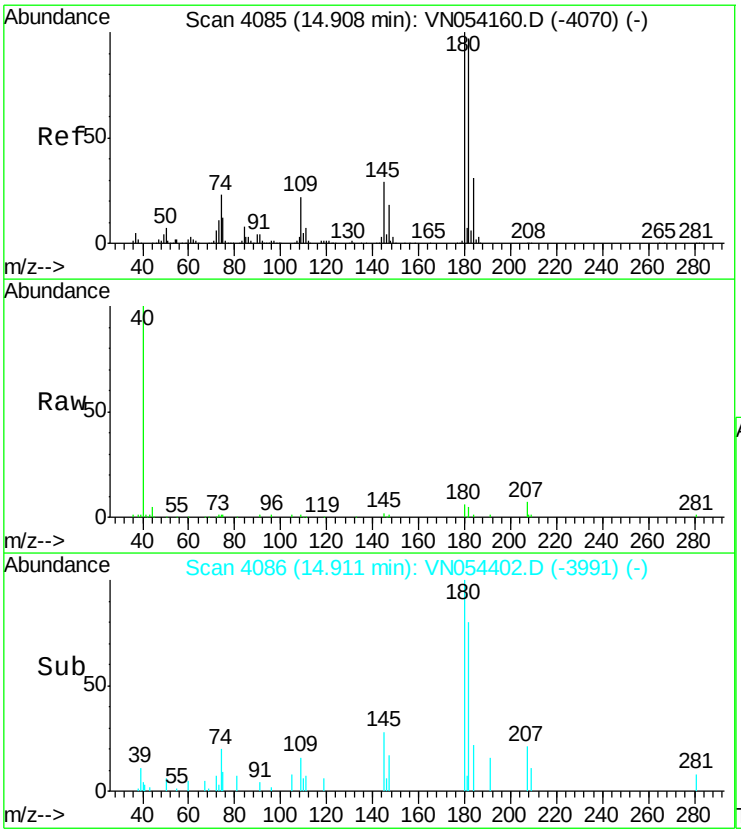
#81
trans-1,4-Dichloro-2-butene
Concen: 126.848 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument : MSVOA_N
ClientSampleId : TW-10-031519

Tgt Ion: 75 Resp: 421654

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

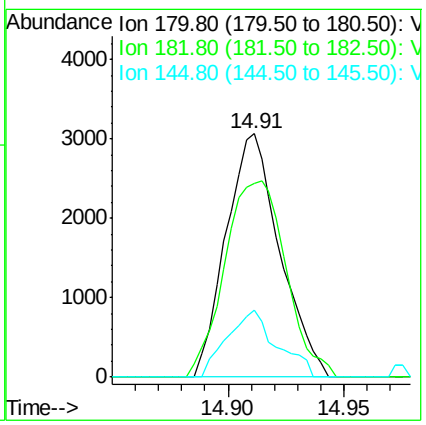


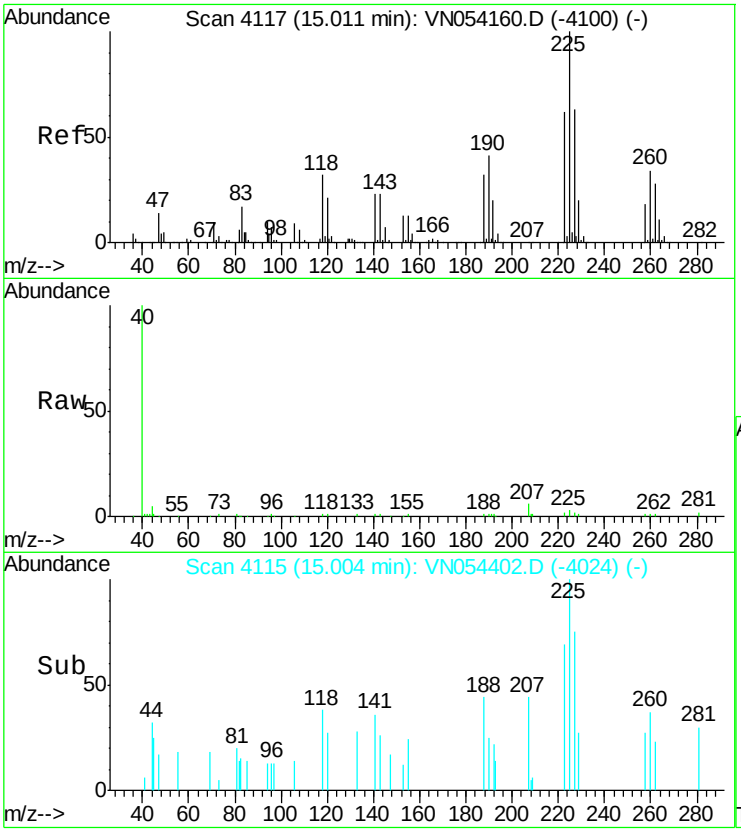


#93
1,2,4-Trichlorobenzene
Concen: 2.804 ug/l
RT: 14.91 min Scan# 4086
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion:180 Resp: 4919

Ion	Ratio	Lower	Upper
180	100		
182	91.6	48.0	144.2
145	25.5	14.2	42.8



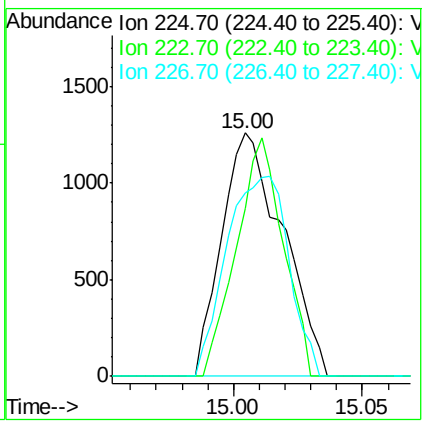


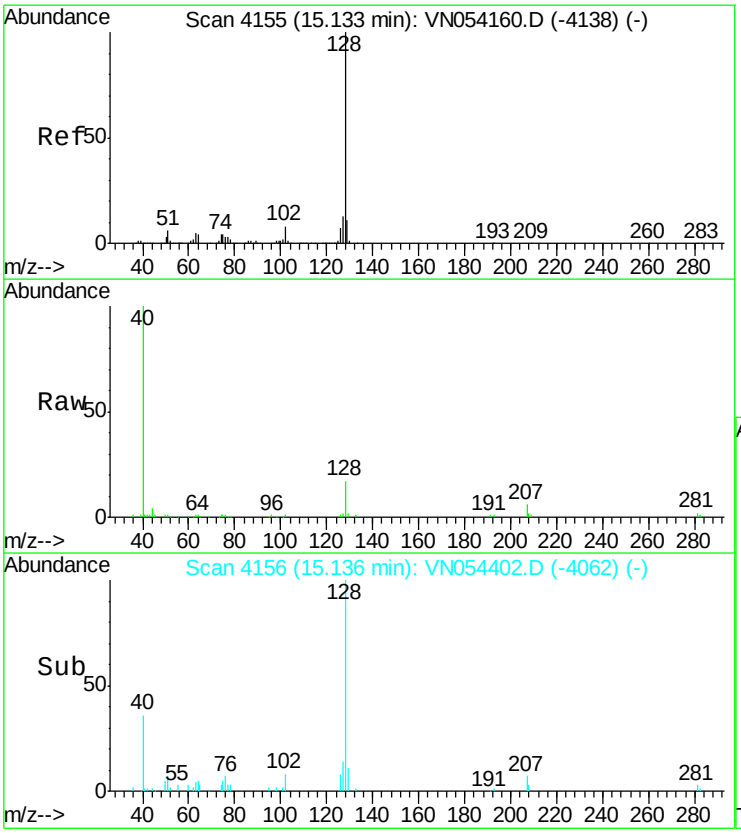
#94
Hexachlorobutadiene
Concen: 0.202 ug/l
RT: 15.00 min Scan# 4115
Delta R.T. -0.01 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument :
MSVOA_N
ClientSampleId :
TW-10-031519

Tgt Ion:225 Resp: 2074

Ion	Ratio	Lower	Upper
225	100		
223	75.0	31.1	93.5
227	83.9	31.9	95.9

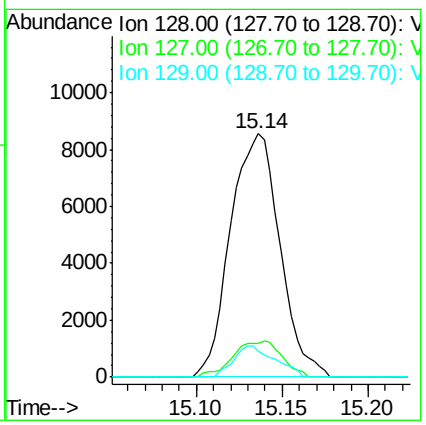


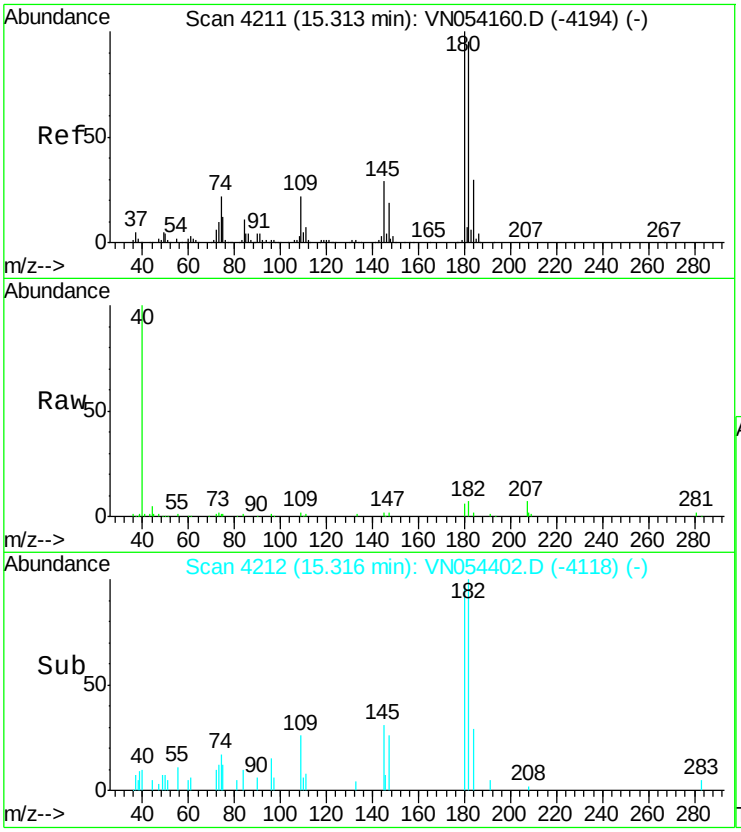


#95
Naphthalene
Concen: 3.938 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Tgt Ion:128 Resp: 17072

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.1	15.1
129	10.7	8.7	13.1





#96
1,2,3-Trichlorobenzene
Concen: 0.423 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN054402.D
Acq: 18 Mar 2019 19:00

Instrument :
MSVOA_N
ClientSampleId :
TW-10-031519

Tgt Ion:180 Resp: 6059

Ion	Ratio	Lower	Upper
180	100		
182	90.3	47.5	142.6
145	31.9	14.8	44.3