Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032319\
Data File : VN054632.D
Acq On : 24 Mar 2019 4:48
Operator : JC/SP
Sample : K2043-13
Misc : 6.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WP022SB443-190319-(18-20)

Quant Time: Mar 25 03:44:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	550164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	869553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	759243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	318928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	345346	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.94%			
35) Dibromofluoromethane	7.59	113	260359	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.96%			
50) Toluene-d8	10.09	98	1049418	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.66%			
62) 4-Bromofluorobenzene	12.40	95	352097	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.26%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.87	59	105	0.253	ug/l #	70
13) Acrolein	3.61	56	206	0.360	ug/l #	69
16) Acetone	3.82	43	979	0.476	ug/l	91
18) Methyl Acetate	4.32	43	2177	0.475	ug/l	92
20) Methylene Chloride	4.53	84	4369	0.720	ug/l	94
25) 2-Butanone	6.85	43	788	0.299	ug/l #	46
31) Cyclohexane	7.66	56	10785	Below Cal	#	26
36) 1,1-Dichloropropene	7.66	75	41191	5.066	ug/l #	48
38) Carbon Tetrachloride	7.66	117	49777	6.300	ug/l #	16
40) Benzene	8.04	78	44997	1.935	ug/l	99
49) 1,4-Dioxane	8.93	88	65	1.097	ug/l #	1
53) t-1,3-Dichloropropene	10.25	75	278	2.265	ug/l	95
65) Chlorobenzene	11.43	112	551224	35.696	ug/l	99
68) m/p-Xylenes	11.62	106	2909	0.282	ug/l	80
69) o-Xylene	11.95	106	2586	0.256	ug/l	87
71) Bromoform	12.12	173	482	2.341	ug/l #	28
74) N-amyl acetate	12.04	43	8812	1.192	ug/l #	54
76) 1,2,3-Trichloropropane	12.40	75	179811	35.529	ug/l #	100
77) Bromobenzene	12.54	156	18991	2.979	ug/l #	1
78) n-propylbenzene	12.59	91	12013	0.431	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.40	75	179811	117.885	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	38991	1.887	ug/l	97
85) sec-Butylbenzene	13.17	105	8888	0.389	ug/l #	50
87) 1,3-Dichlorobenzene	13.28	146	6052	0.573	ug/l #	80
88) 1,4-Dichlorobenzene	13.36	146	11425	1.112	ug/l #	57
89) n-Butylbenzene	13.61	91	10042	0.628	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.25	75	216	0.251	ug/l #	1
95) Naphthalene	15.13	128	23476	2.064	ug/l #	88

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

Quantitation Report (Not Reviewed)

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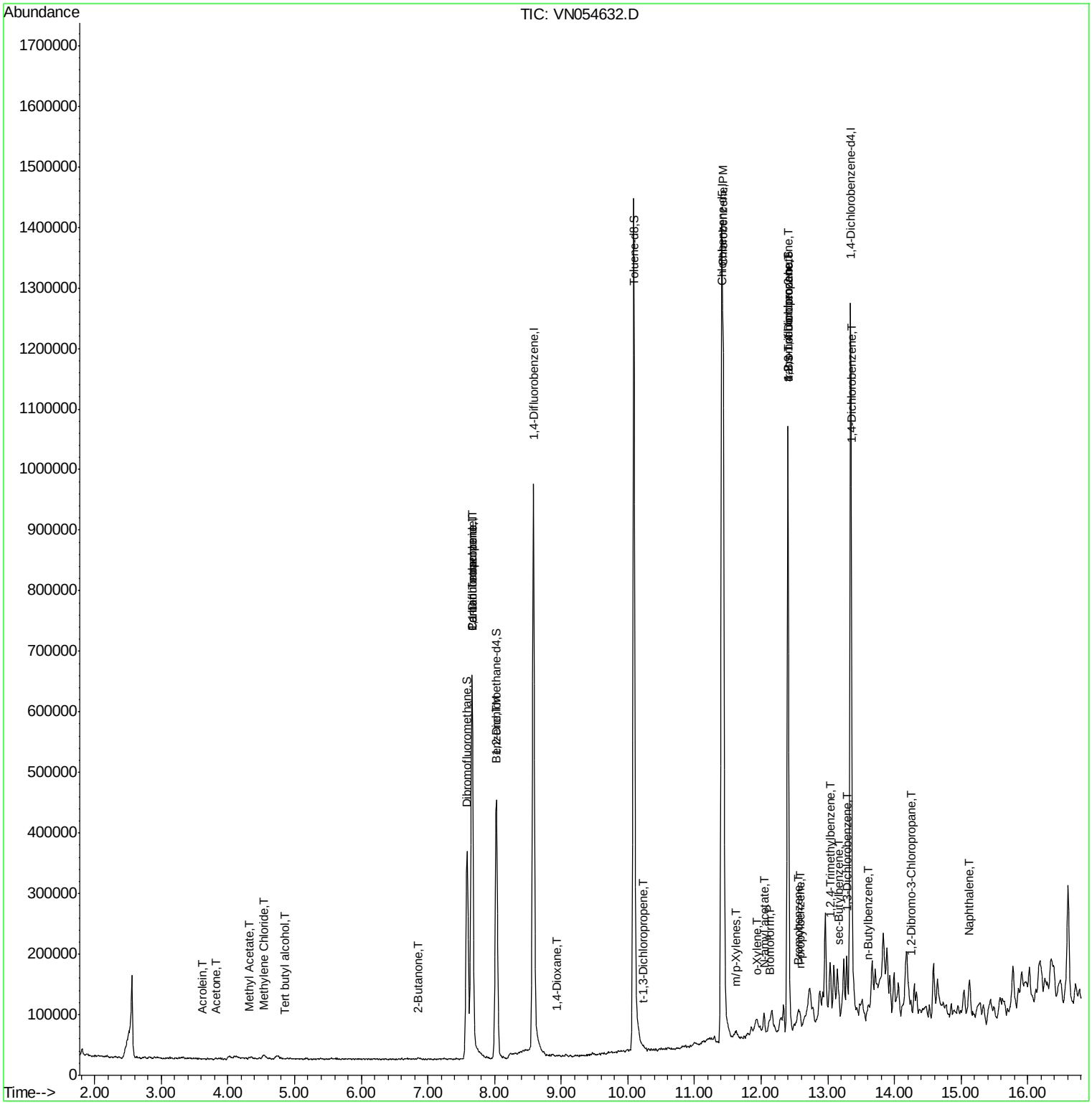
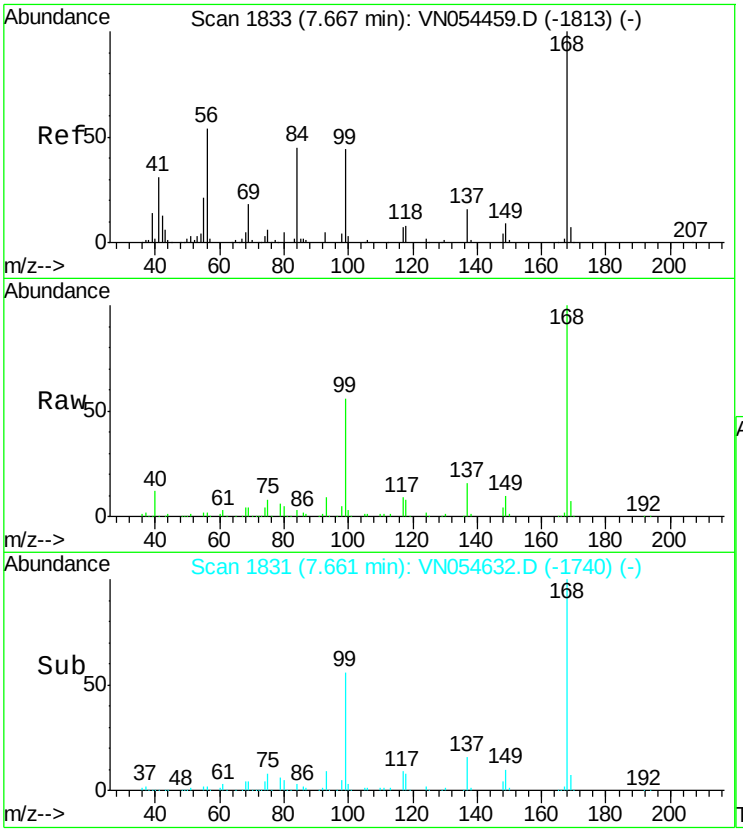
Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Quant Time: Mar 25 03:44:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:09:07 2019
Response via : Initial Calibration



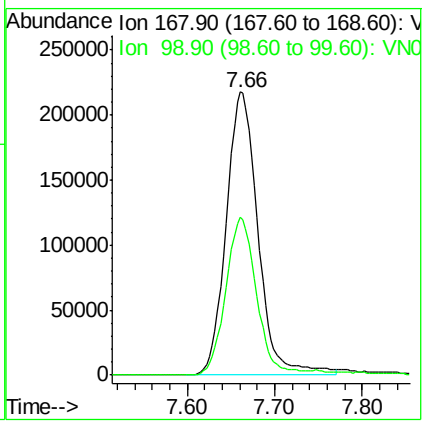


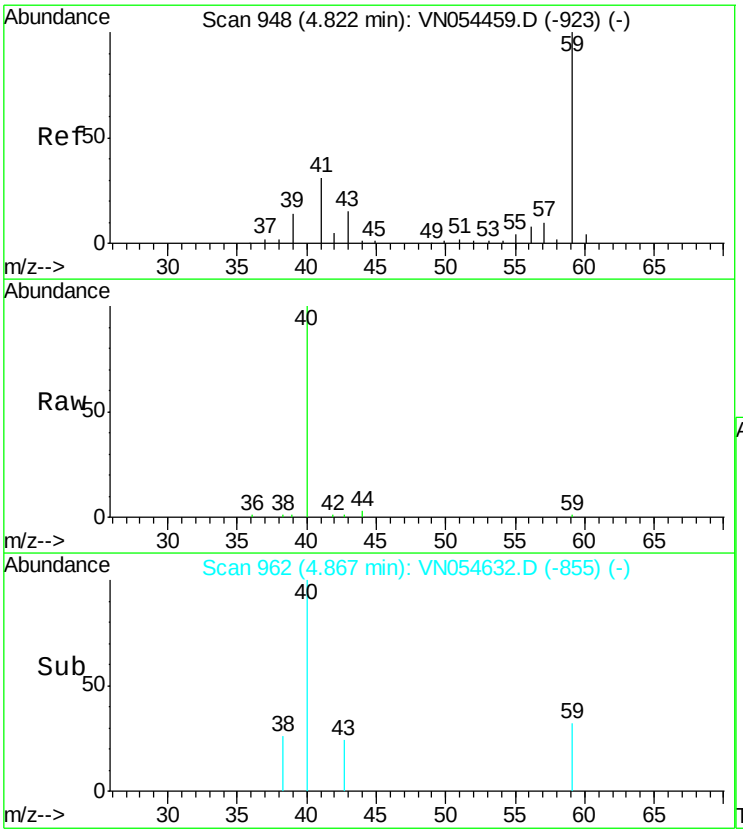
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.01 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion:168 Resp: 550164

Ion	Ratio	Lower	Upper
168	100		
99	55.6	37.1	55.7

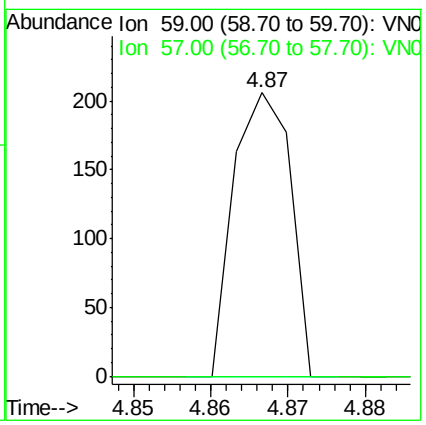


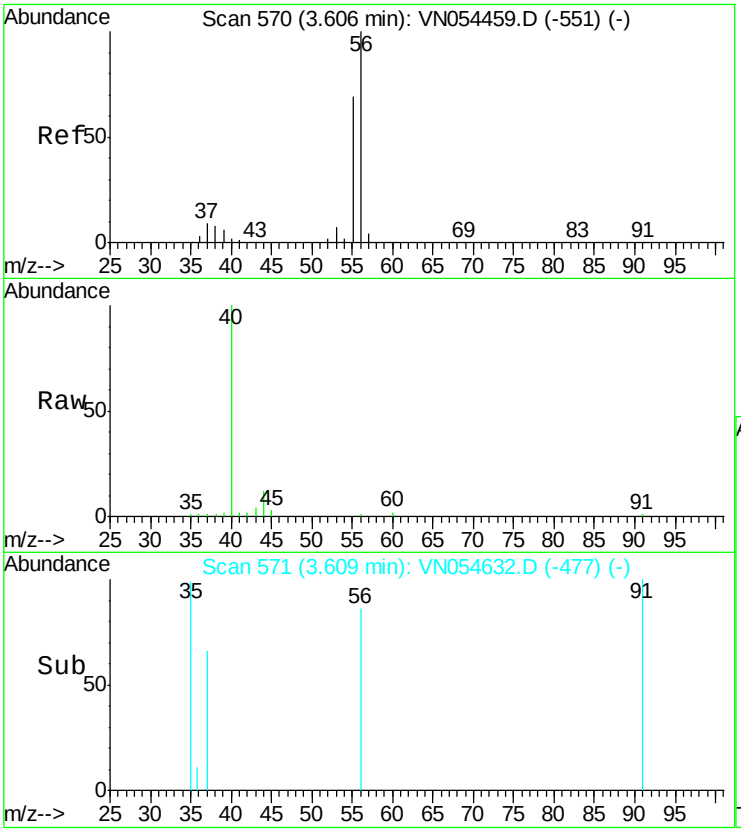


#11
Tert butyl alcohol
Concen: 0.253 ug/l
RT: 4.87 min Scan# 962
Delta R.T. 0.05 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion: 59 Resp: 105

Ion	Ratio	Lower	Upper
59	100		
57	0.0	9.0	13.6#



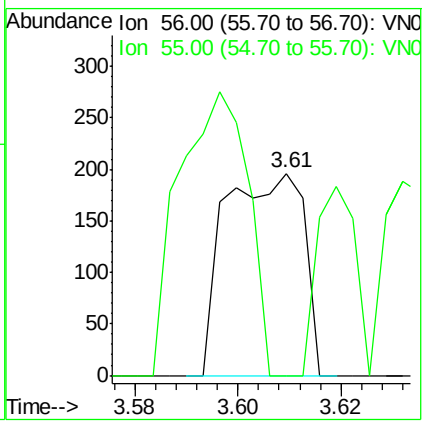


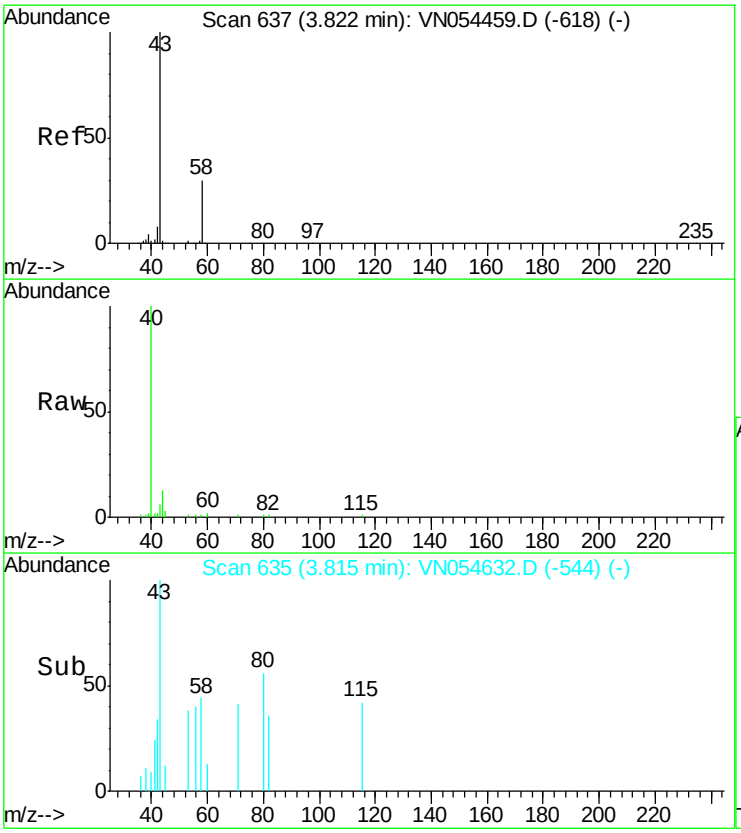
#13
Acrolein
Concen: 0.360 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion: 56 Resp: 206

Ion	Ratio	Lower	Upper
56	100		
55	45.6	56.7	85.1#

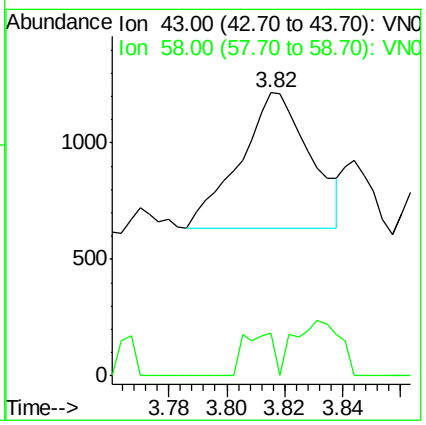


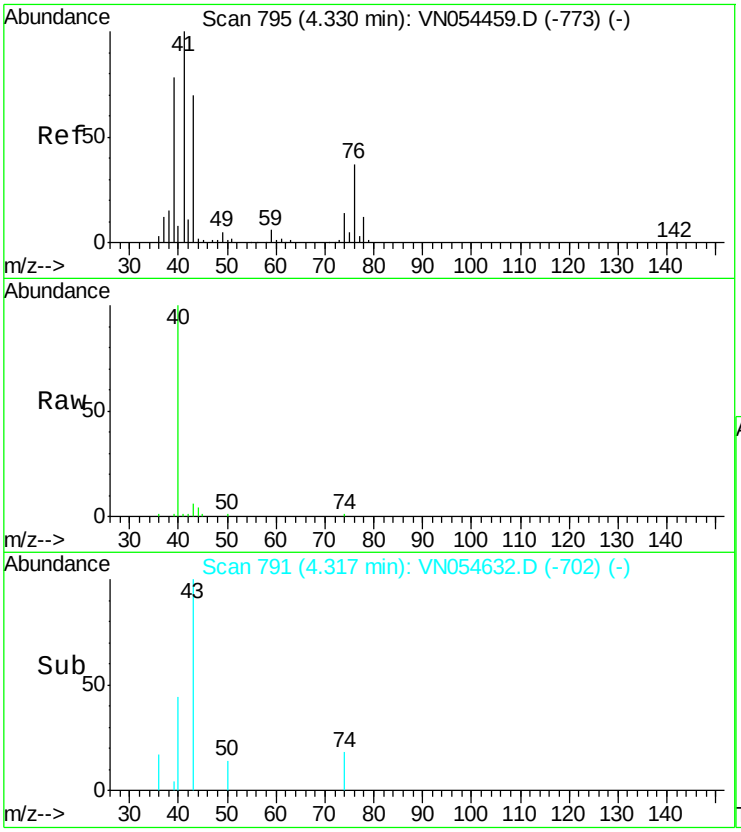


#16
Acetone
Concen: 0.476 ug/l
RT: 3.82 min Scan# 635
Delta R.T. -0.01 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion: 43 Resp: 979

Ion	Ratio	Lower	Upper
43	100		
58	32.0	29.9	44.9



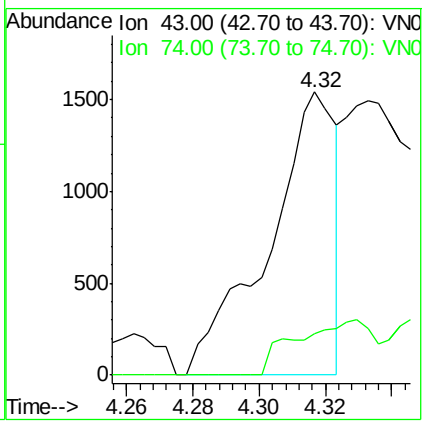


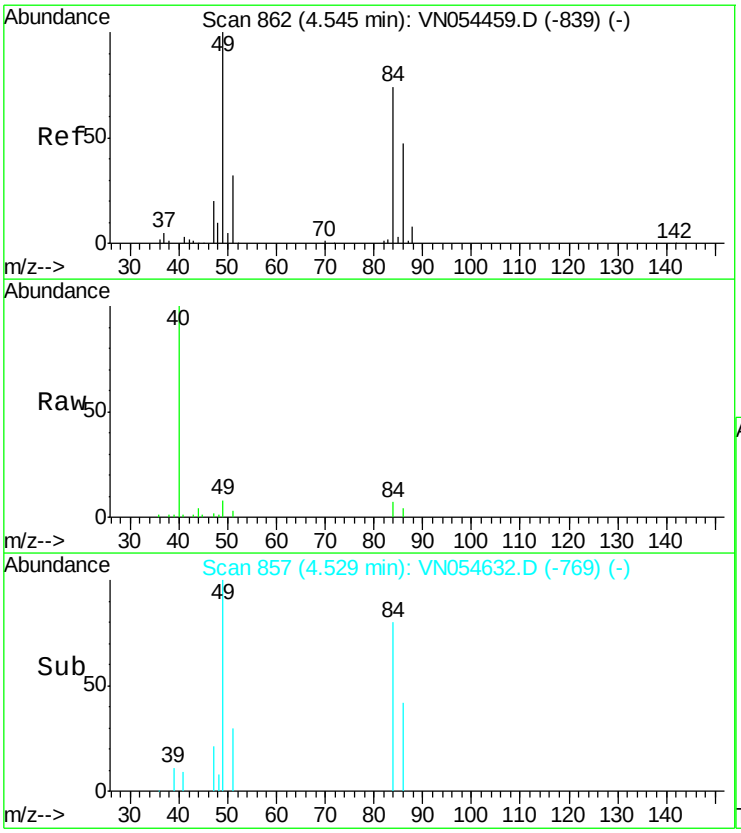
#18
Methyl Acetate
Concen: 0.475 ug/l
RT: 4.32 min Scan# 791
Delta R.T. -0.01 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument : MSVOA_N
ClientSampleId : WP022SB443-190319-(18-20)

Tgt Ion: 43 Resp: 2177

Ion	Ratio	Lower	Upper
43	100		
74	22.1	20.8	31.2

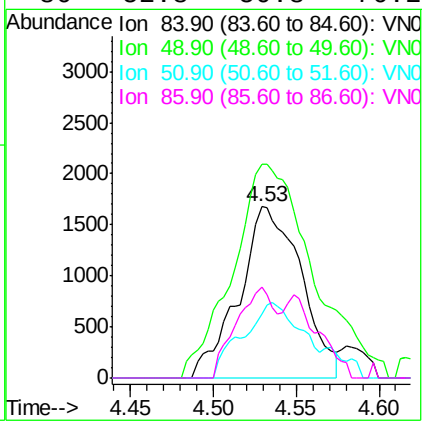


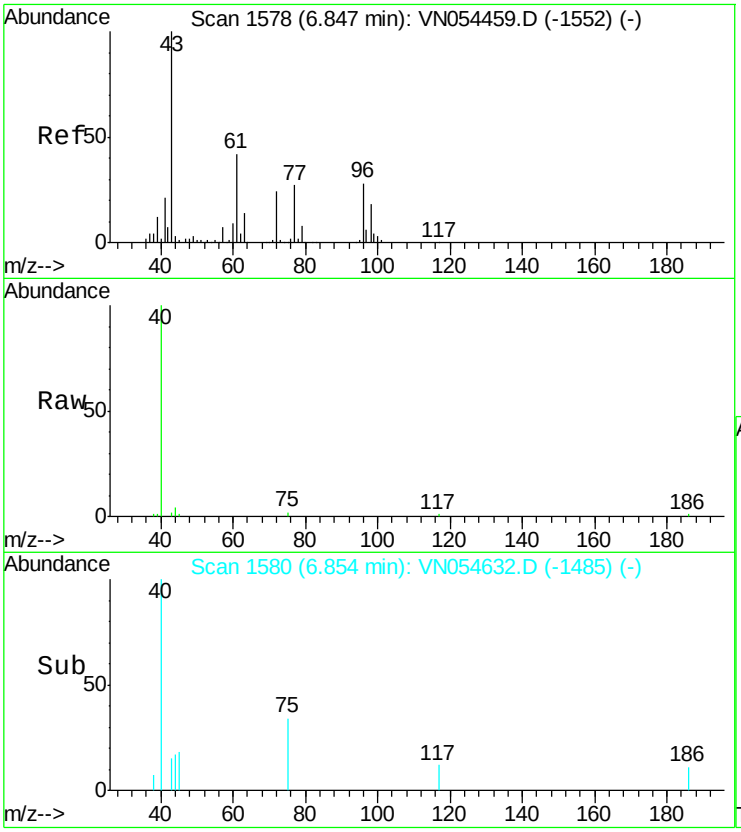


#20
Methylene Chloride
Concen: 0.720 ug/l
RT: 4.53 min Scan# 857
Delta R.T. -0.02 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion: 84 Resp: 4369

Ion	Ratio	Lower	Upper
84	100		
49	114.7	89.7	134.5
51	37.4	28.2	42.4
86	52.8	50.8	76.2



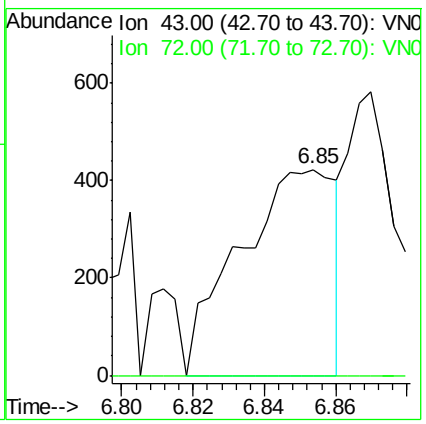


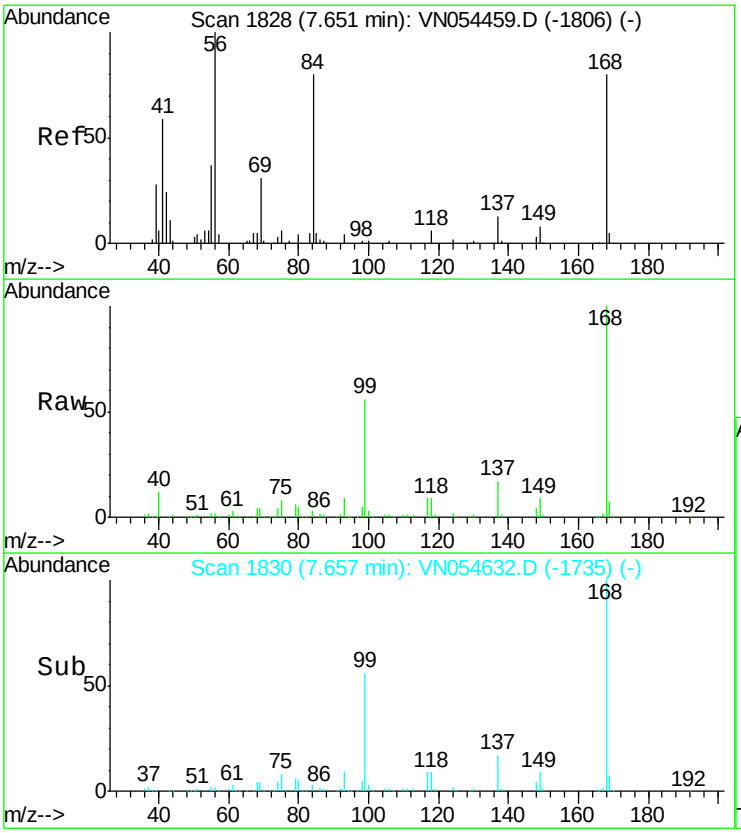
#25
2-Butanone
Concen: 0.299 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.01 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion: 43 Resp: 788

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#

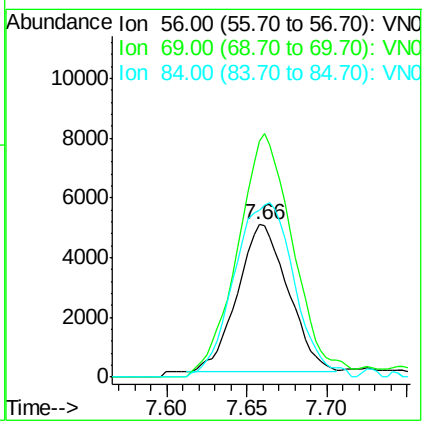


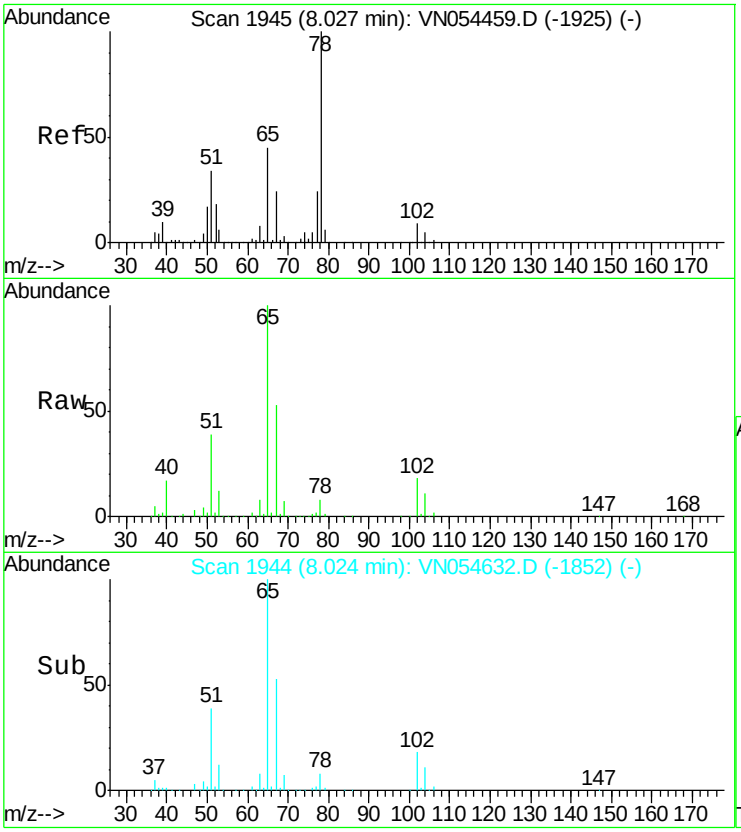


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion: 56 Resp: 10785

Ion	Ratio	Lower	Upper
56	100		
69	160.5	27.8	41.6#
84	112.9	74.6	111.8#



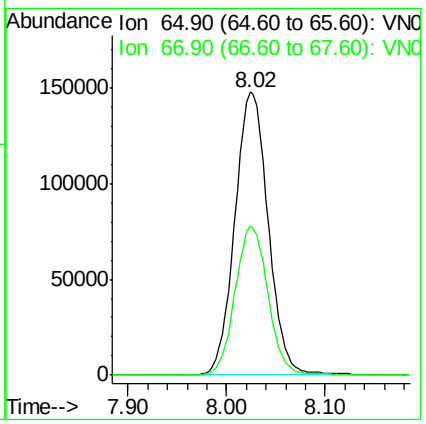


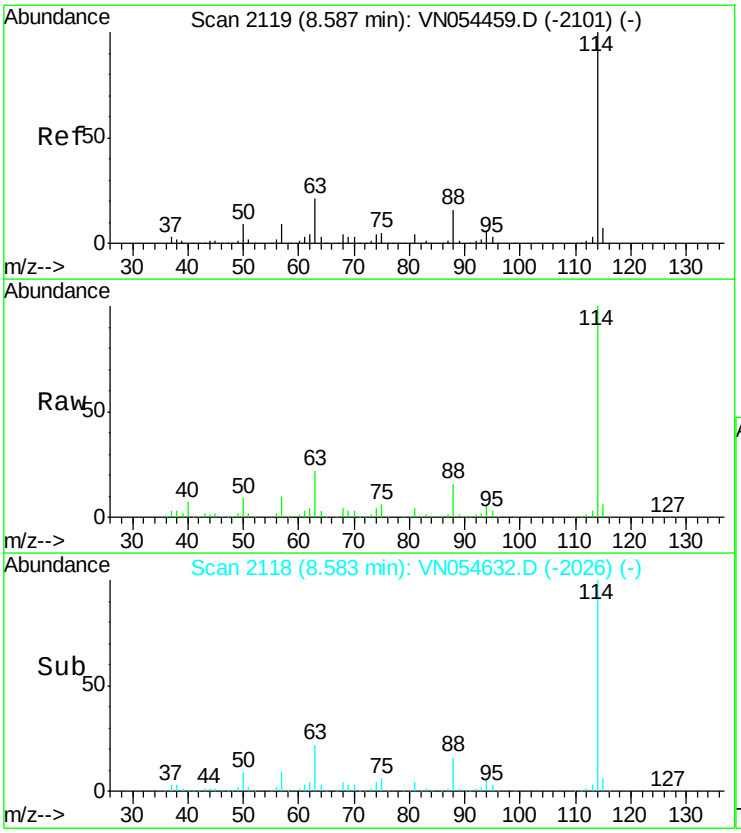
#33
1,2-Dichloroethane-d4
Concen: 50.466 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion: 65 Resp: 345346

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.6

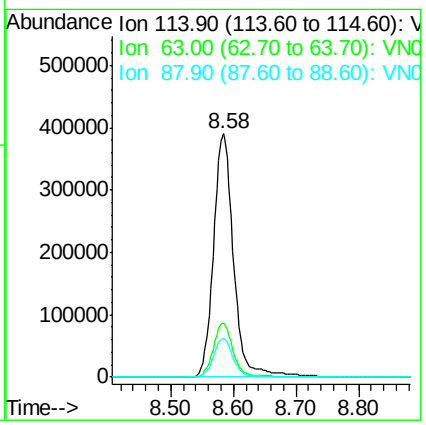


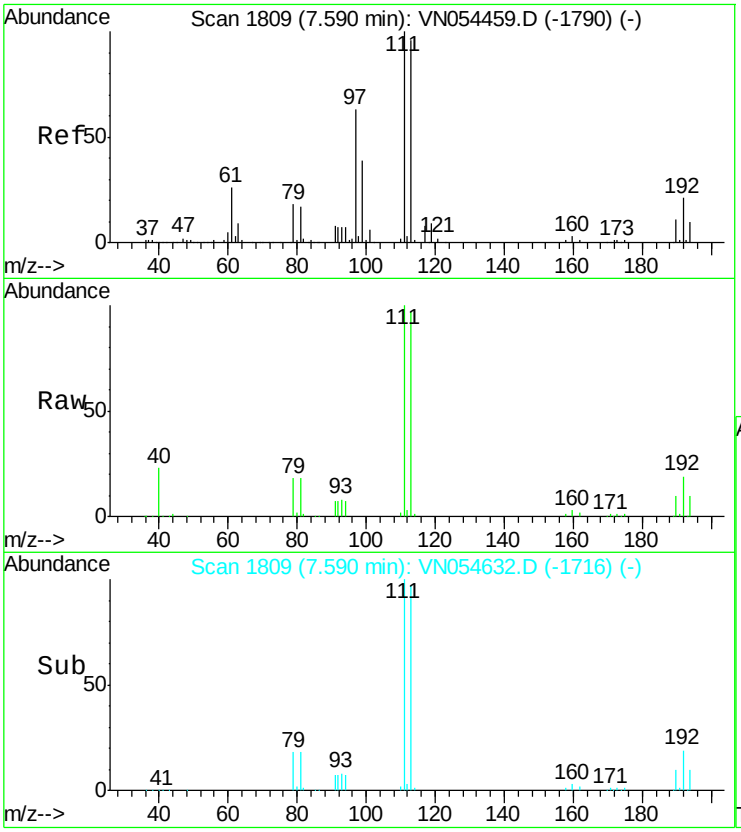


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion:114 Resp: 869553

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	35.2
88	15.9	0.0	30.2



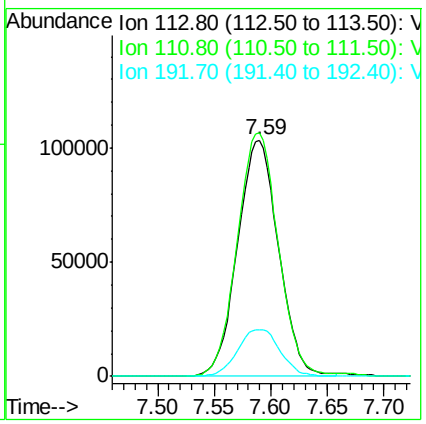


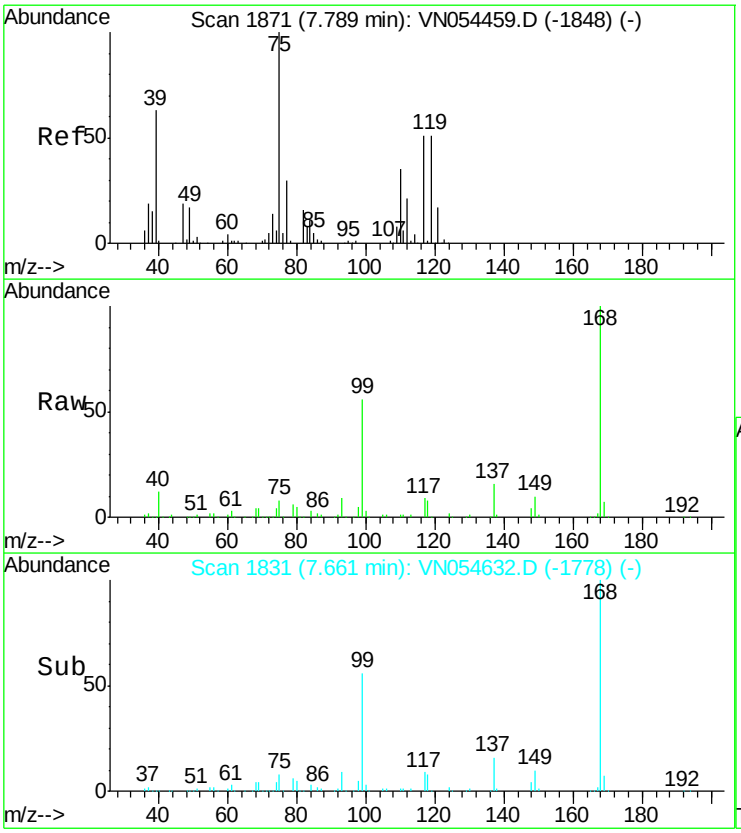
#35
Dibromofluoromethane
Concen: 46.475 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion:113 Resp: 260359

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	20.6	19.2	28.8

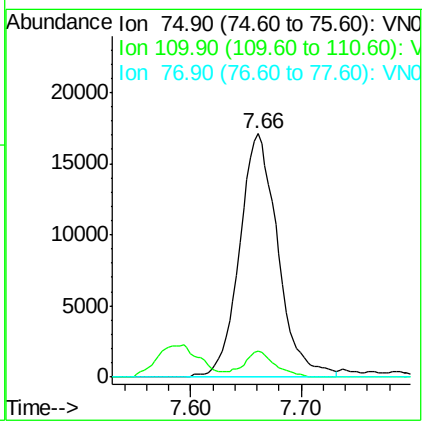


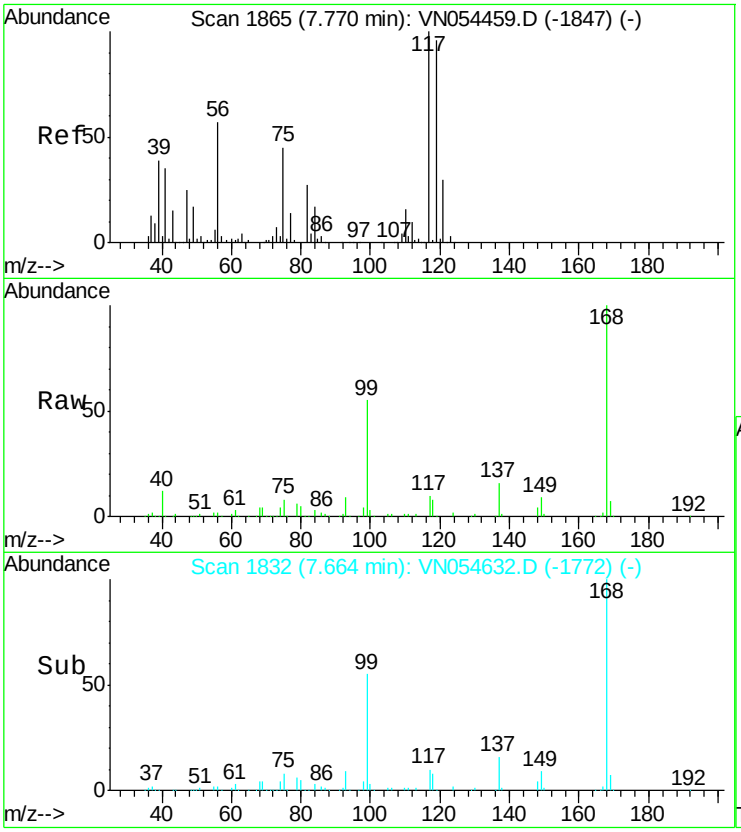


#36
1,1-Dichloropropene
Concen: 5.066 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.13 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion: 75 Resp: 41191

Ion	Ratio	Lower	Upper
75	100		
110	8.7	19.1	57.5#
77	0.0	25.0	37.4#



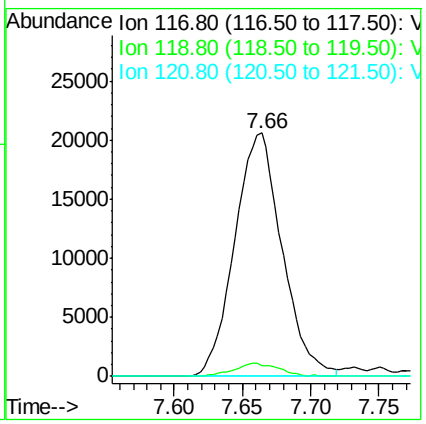


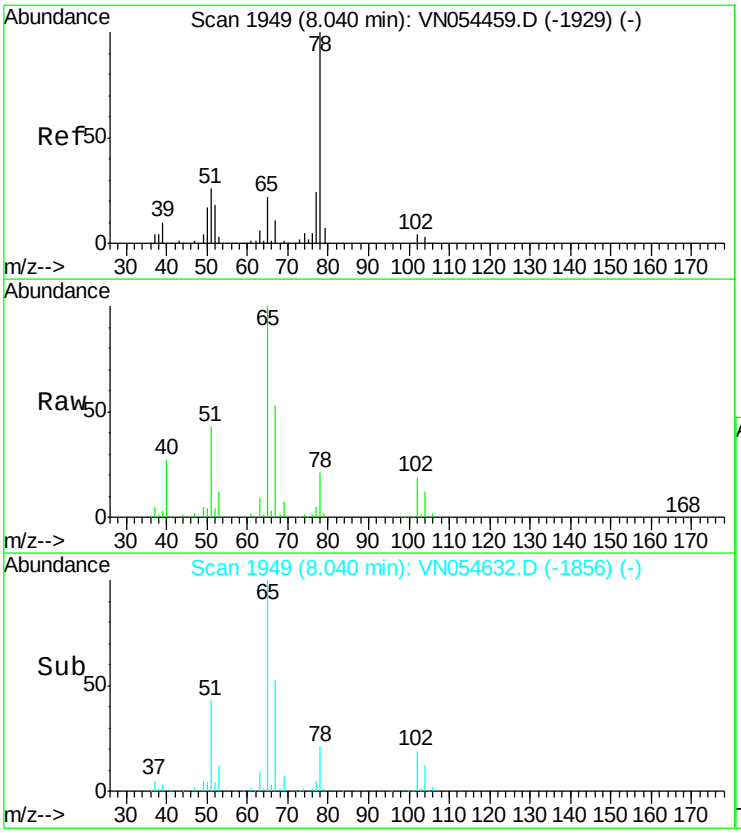
#38
Carbon Tetrachloride
Concen: 6.300 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion:117 Resp: 49777

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

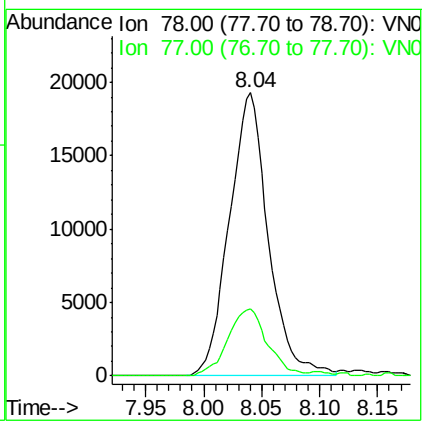


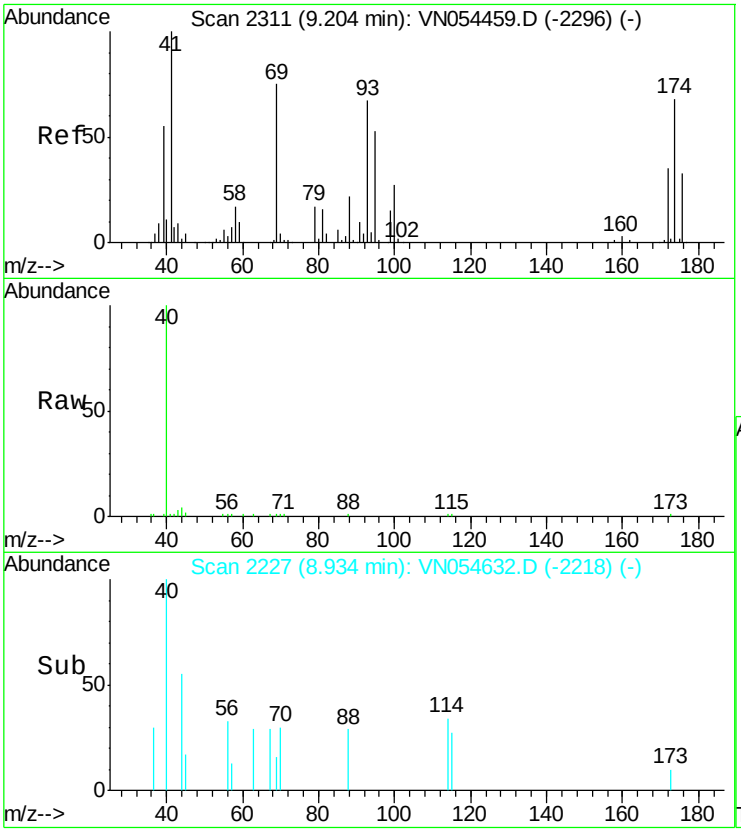


#40
Benzene
Concen: 1.935 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion: 78 Resp: 44997

Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7



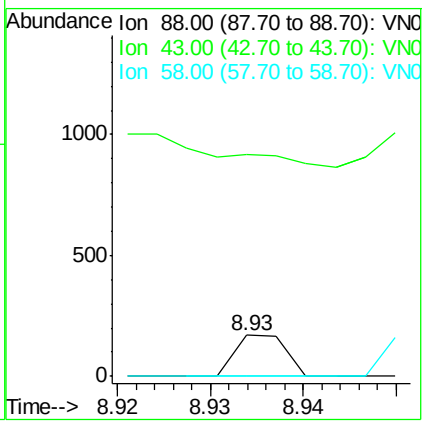


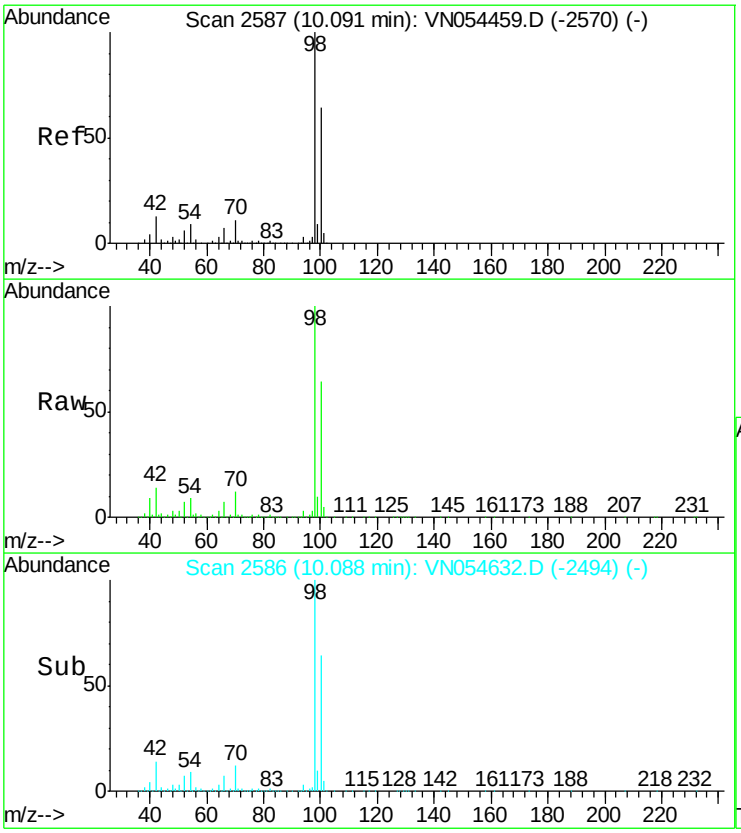
#49
1,4-Dioxane
Concen: 1.097 ug/l
RT: 8.93 min Scan# 2227
Delta R.T. -0.27 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion: 88 Resp: 65

Ion	Ratio	Lower	Upper
88	100		
43	527.7	24.1	36.1#
58	150.8	50.8	76.2#

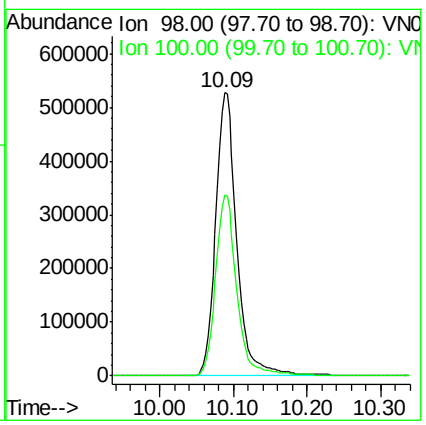


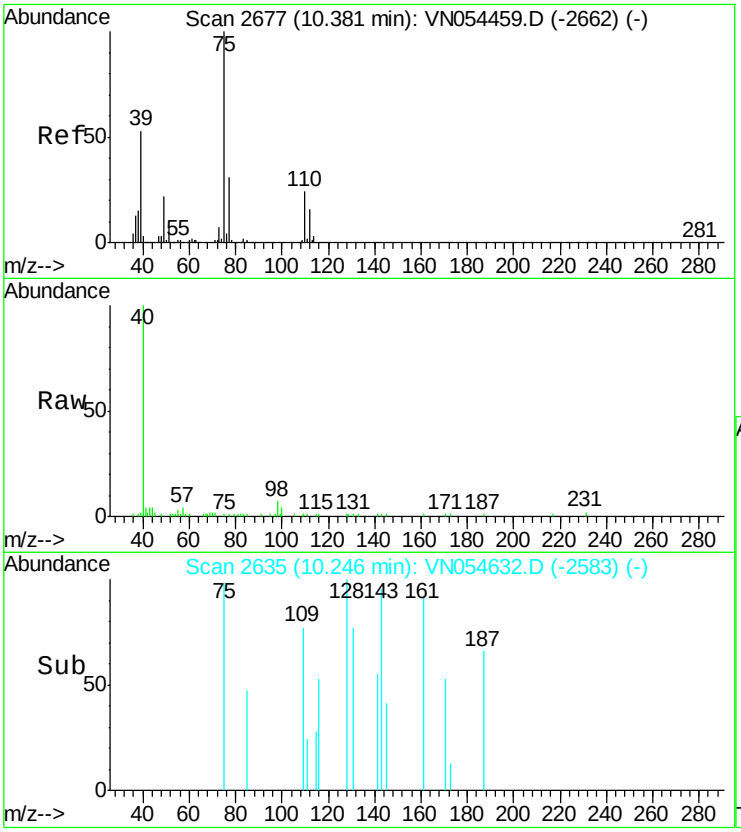


#50
Toluene-d8
Concen: 49.829 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion: 98 Resp: 1049418

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8



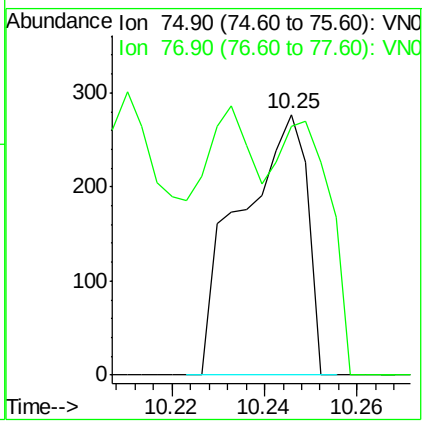


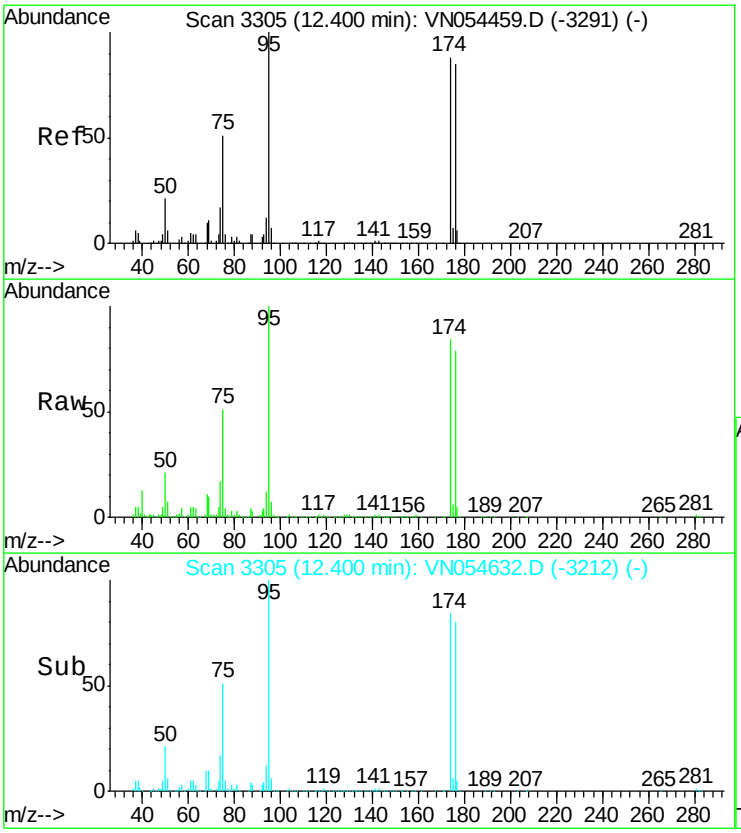
#53
t-1,3-Dichloropropene
Concen: 2.265 ug/l
RT: 10.25 min Scan# 2635
Delta R.T. -0.13 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion: 75 Resp: 278

Ion	Ratio	Lower	Upper
75	100		
77	35.0	25.8	38.8

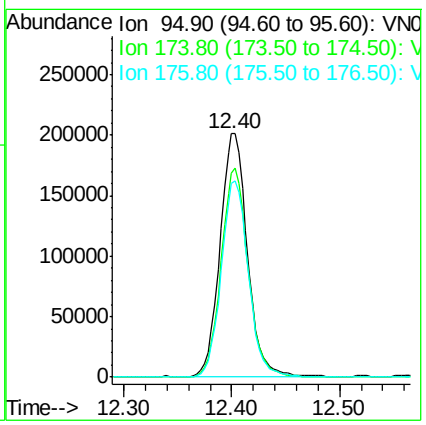


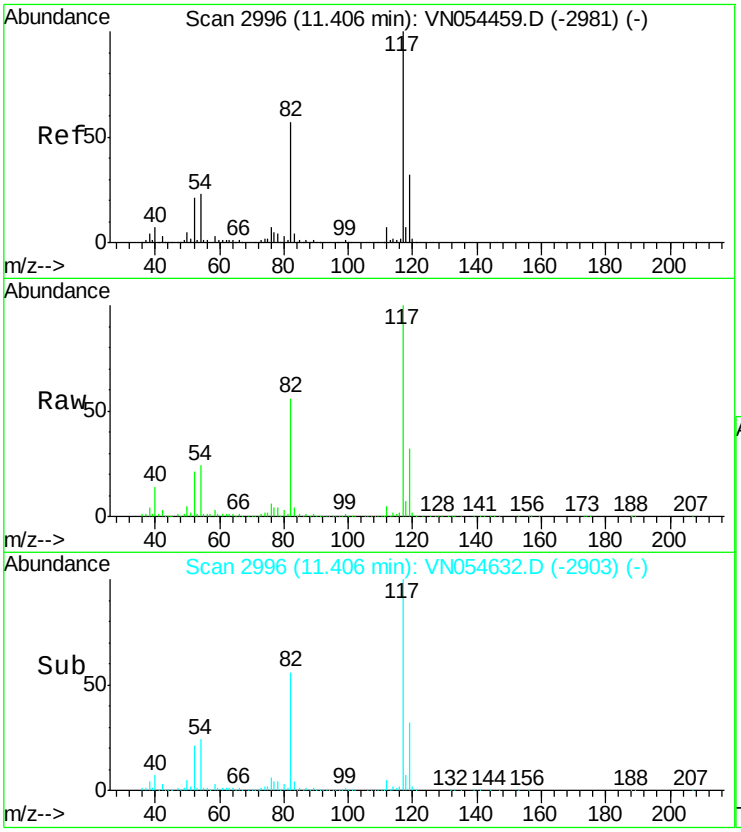


#62
4-Bromofluorobenzene
Concen: 49.131 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion: 95 Resp: 352097

Ion	Ratio	Lower	Upper
95	100		
174	84.9	0.0	191.0
176	80.5	0.0	187.4



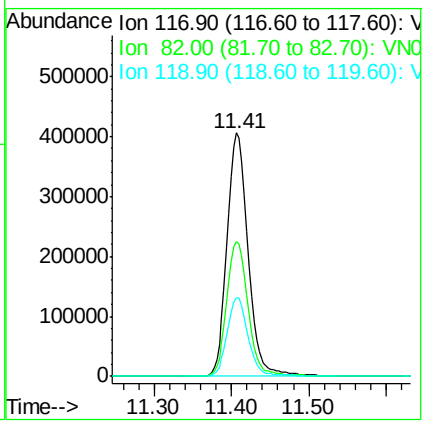


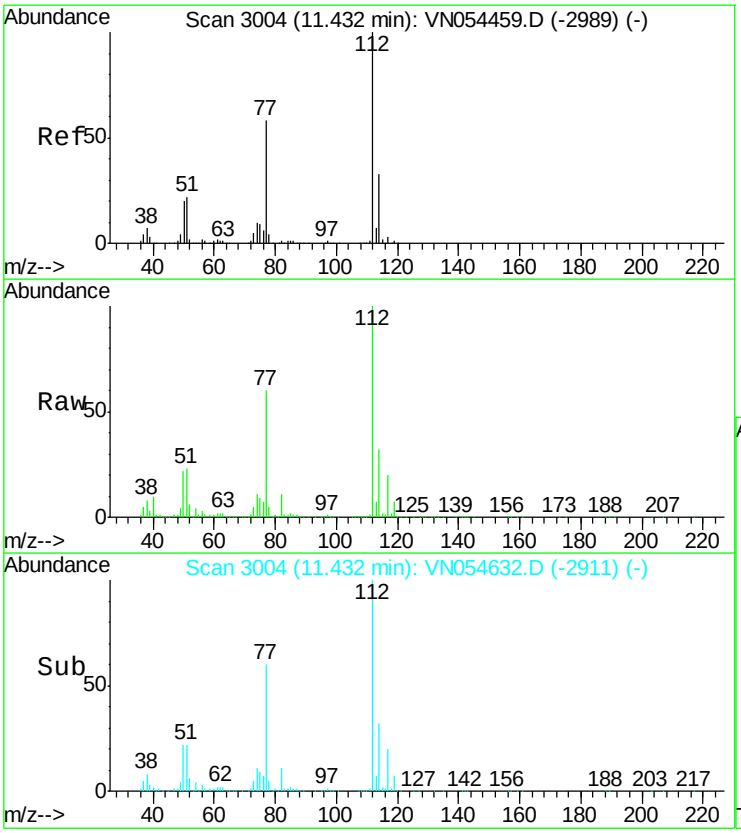
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion:117 Resp: 759243

Ion	Ratio	Lower	Upper
117	100		
82	55.5	40.0	60.0
119	32.4	25.8	38.6

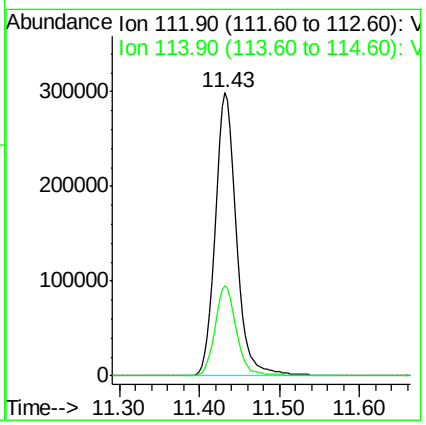


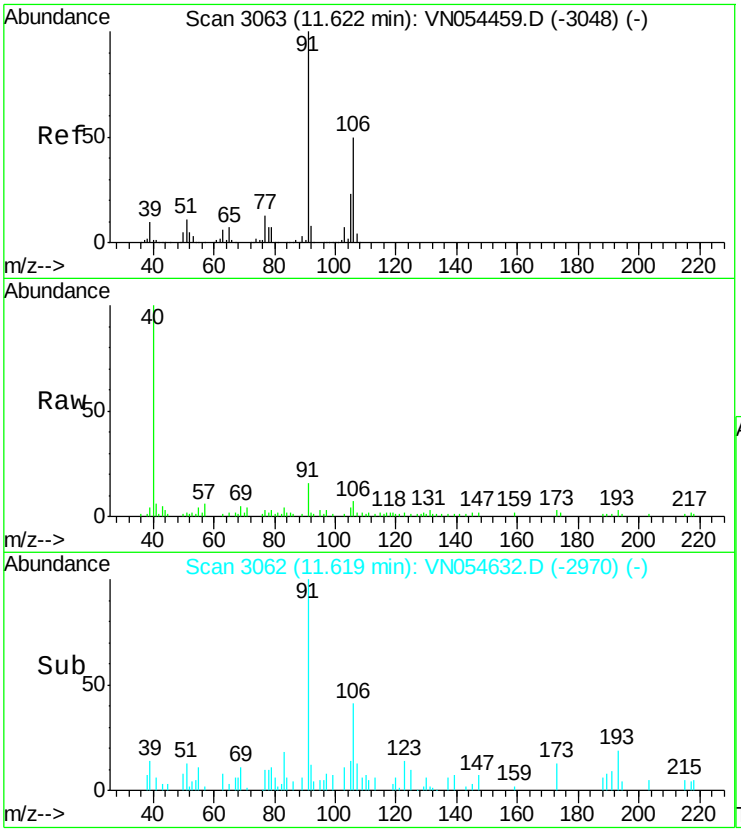


#65
Chlorobenzene
Concen: 35.696 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion:112 Resp: 551224

Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.9	38.9



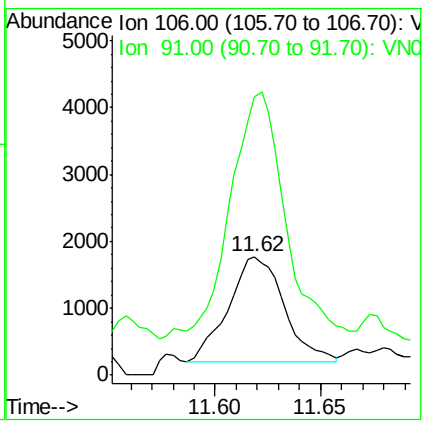


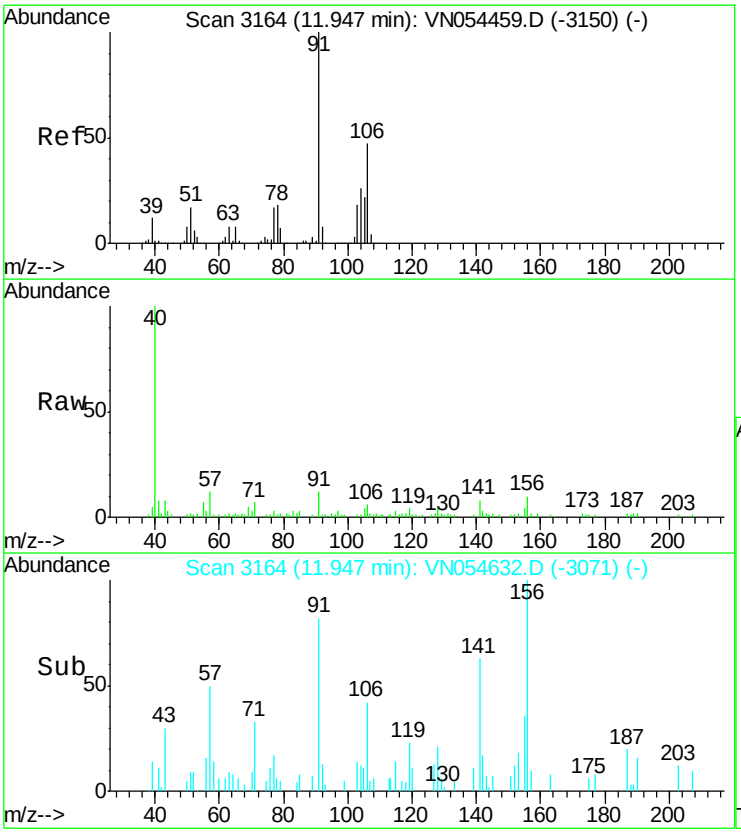
#68
m/p-Xylenes
Concen: 0.282 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion:106 Resp: 2909

Ion	Ratio	Lower	Upper
106	100		
91	229.6	159.4	239.2

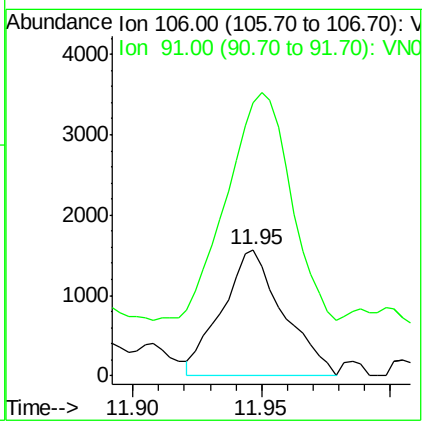


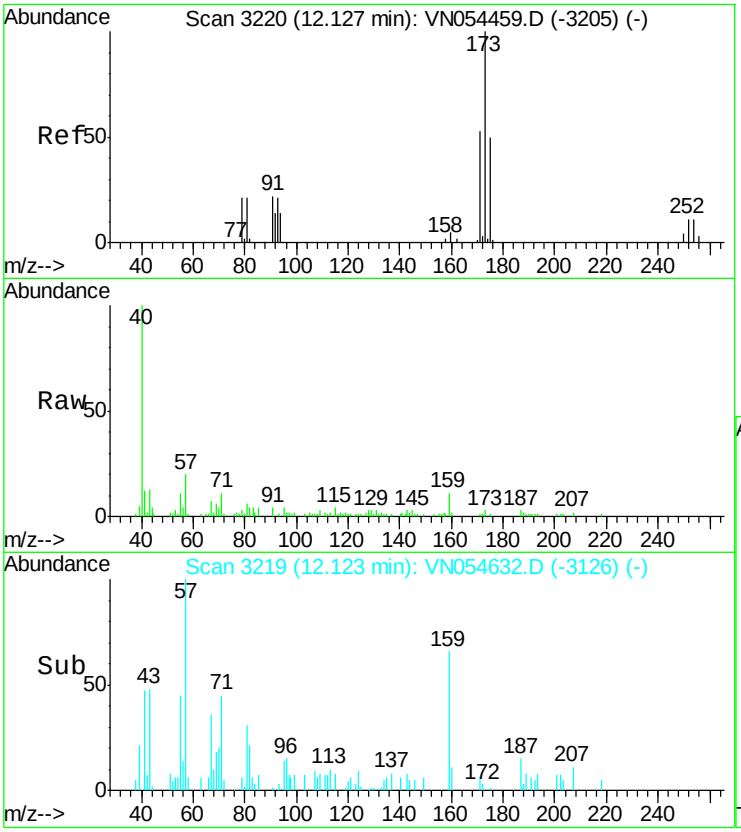


#69
o-Xylene
Concen: 0.256 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion:106 Resp: 2586

Ion	Ratio	Lower	Upper
106	100		
91	191.5	105.7	317.1



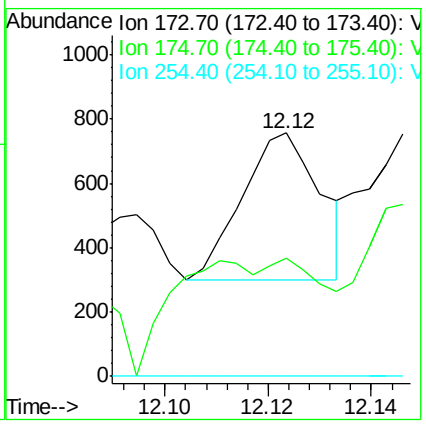


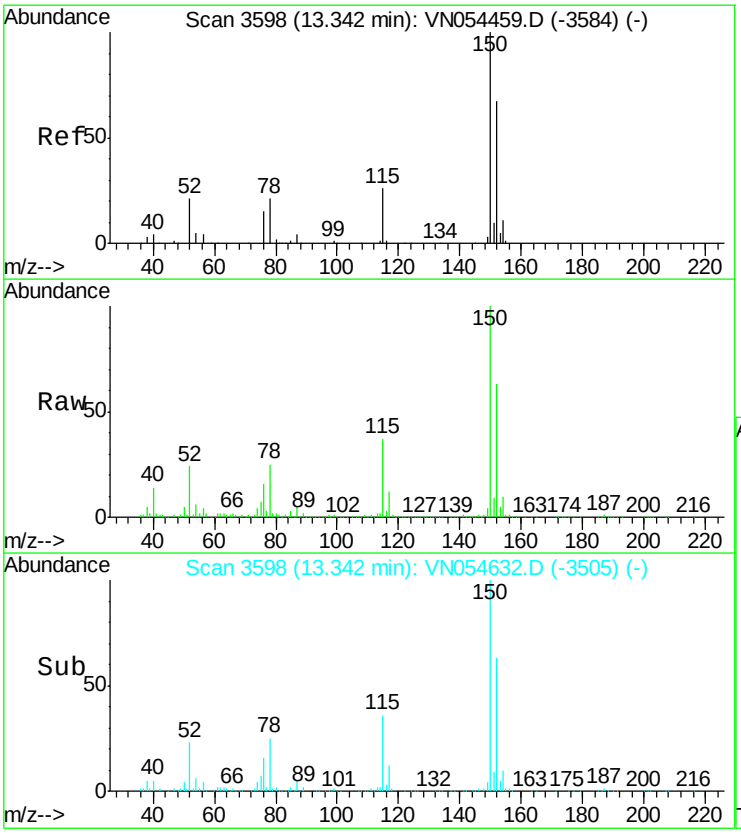
#71
Bromoform
Concen: 2.341 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion:173 Resp: 482

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

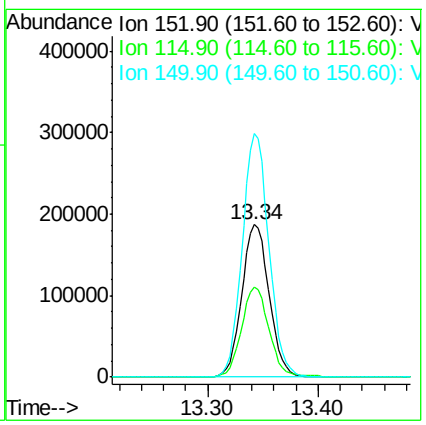


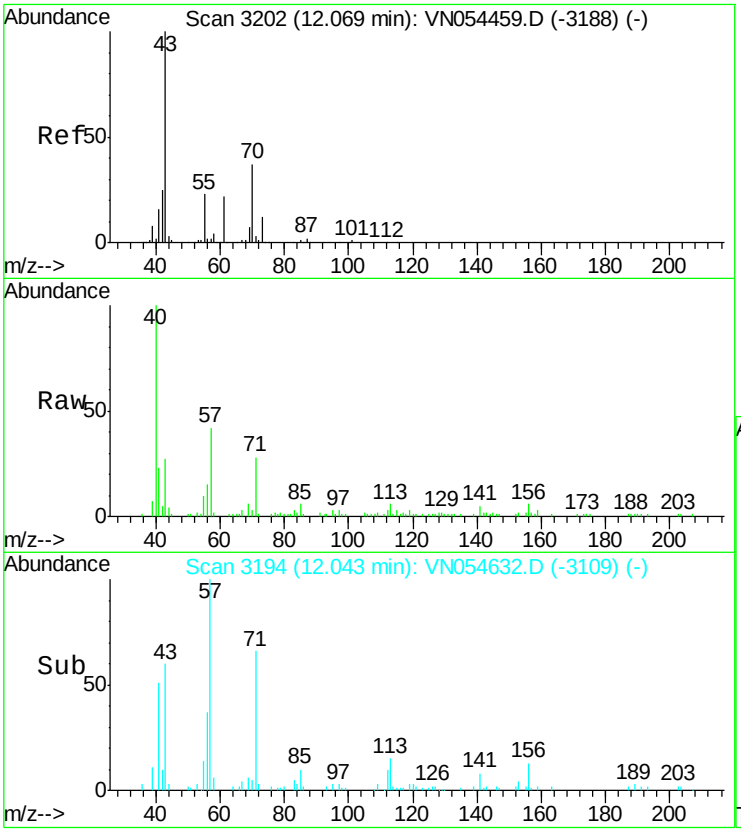


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion:152 Resp: 318928

Ion	Ratio	Lower	Upper
152	100		
115	58.5	27.2	81.6
150	155.8	0.0	349.2



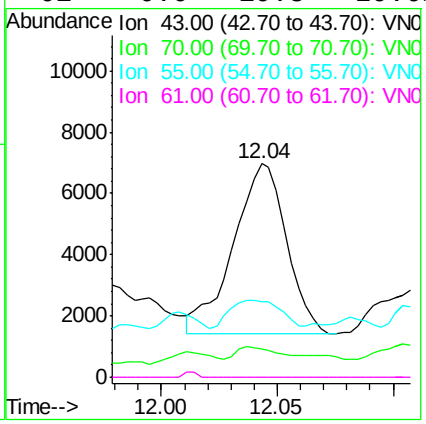


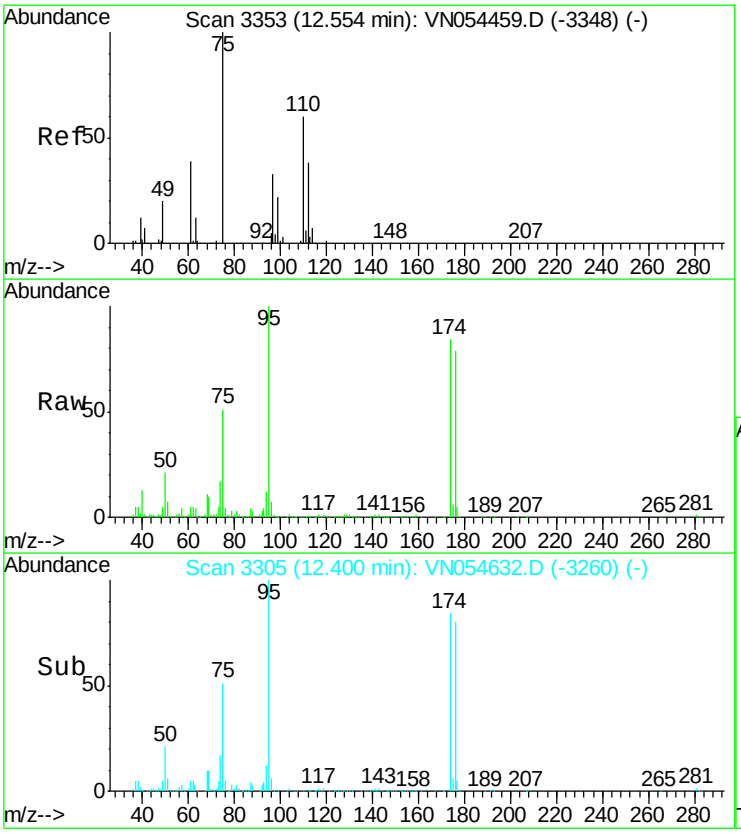
#74
N-amyl acetate
Concen: 1.192 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.03 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion: 43 Resp: 8812

Ion	Ratio	Lower	Upper
43	100		
70	5.6	35.4	53.0#
55	16.1	19.8	29.6#
61	0.0	19.8	29.6#

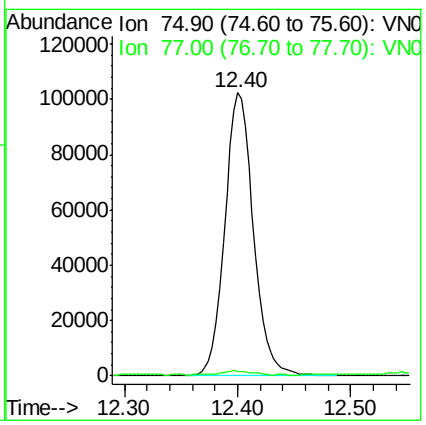


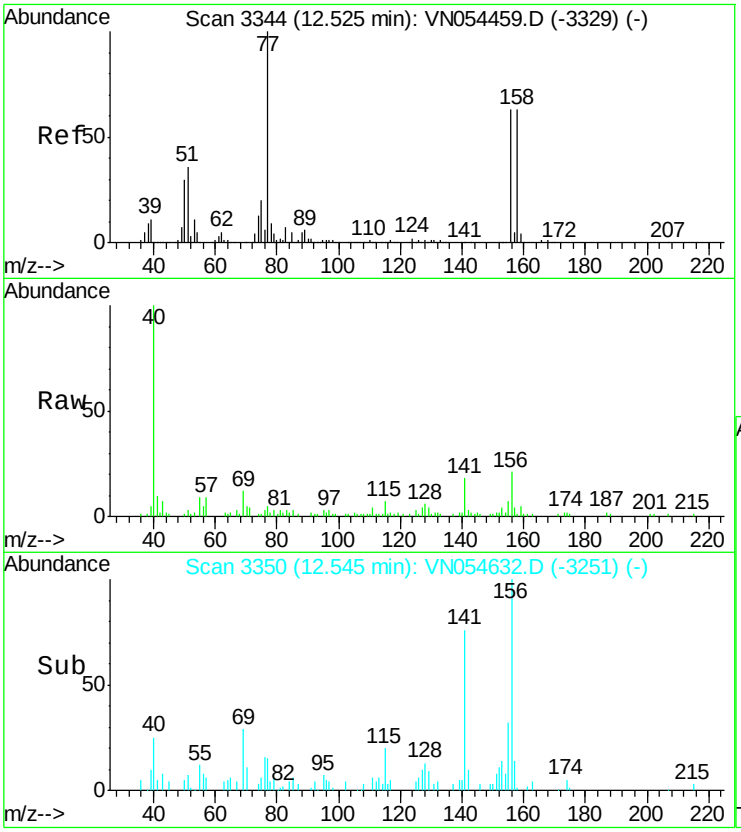


#76
1,2,3-Trichloropropane
Concen: 35.529 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion: 75 Resp: 179811

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



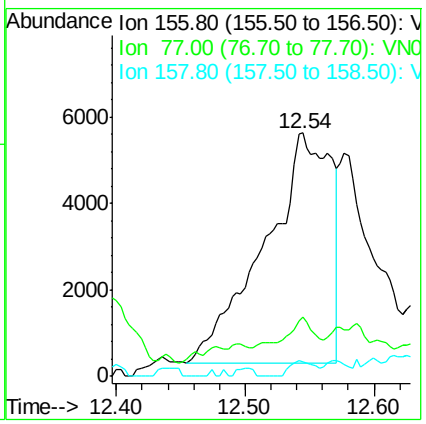


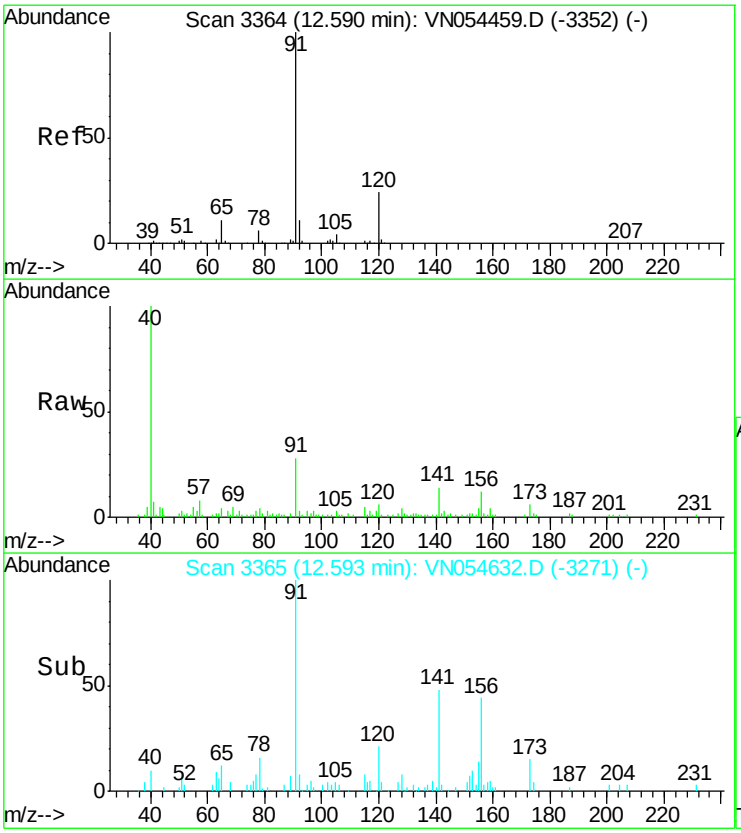
#77
Bromobenzene
Concen: 2.979 ug/l
RT: 12.54 min Scan# 3350
Delta R.T. 0.02 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion:156 Resp: 18991

Ion	Ratio	Lower	Upper
156	100		
77	2.8	81.5	244.4#
158	2.5	49.0	147.2#

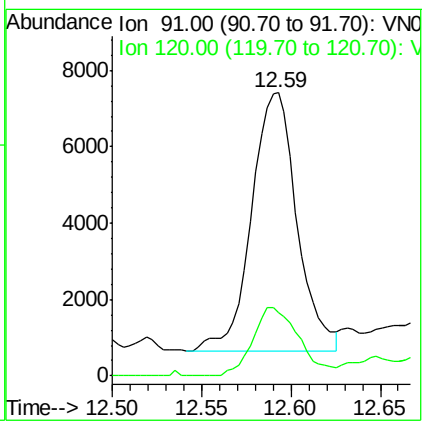


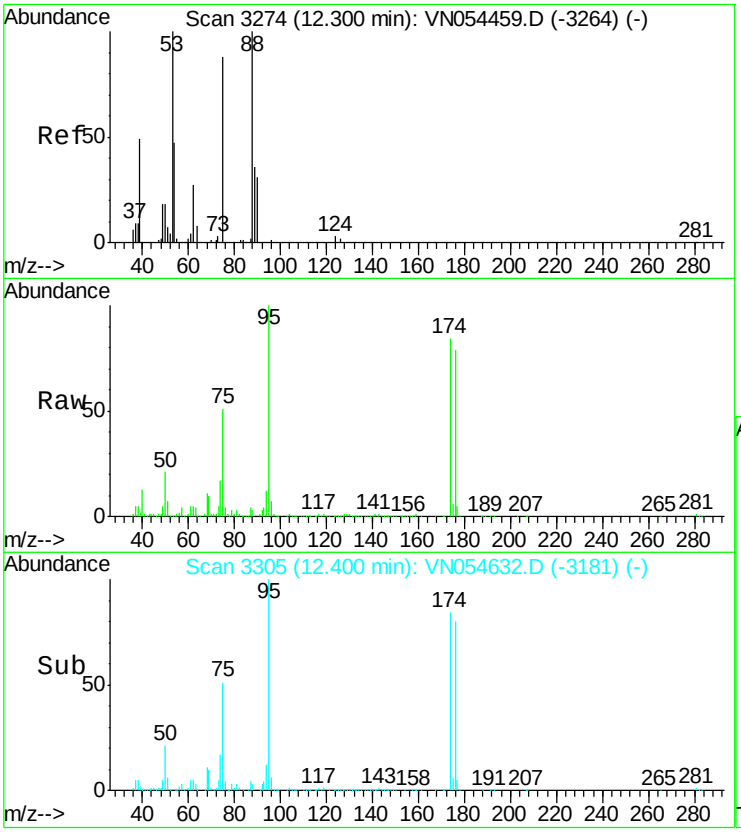


#78
n-propylbenzene
Concen: 0.431 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion: 91 Resp: 12013

Ion	Ratio	Lower	Upper
91	100		
120	27.2	12.3	36.9



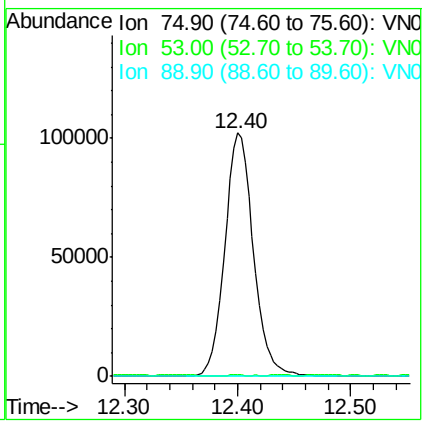


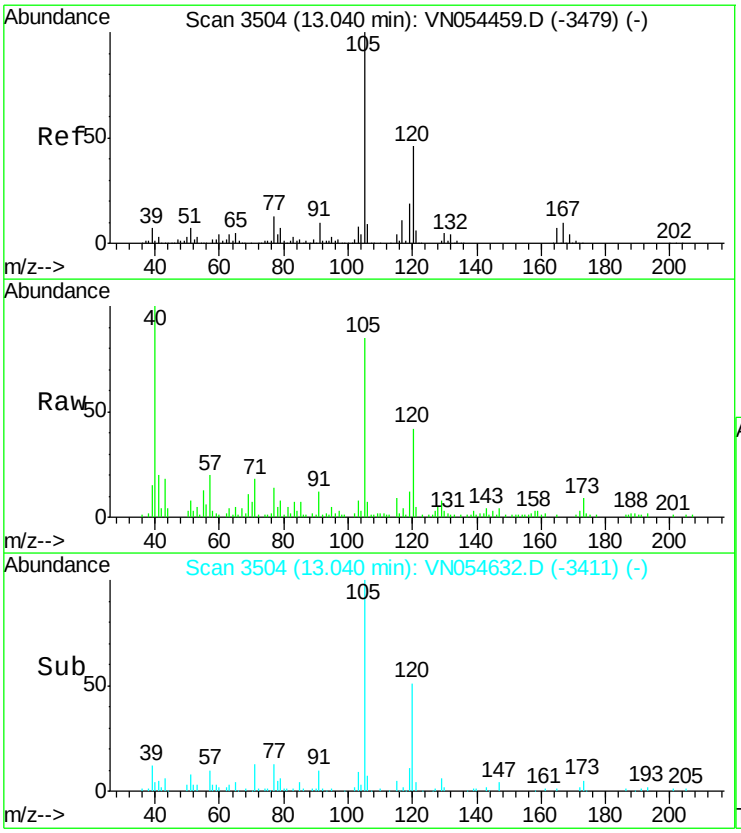
#81
trans-1,4-Dichloro-2-butene
Concen: 117.885 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion: 75 Resp: 179811

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

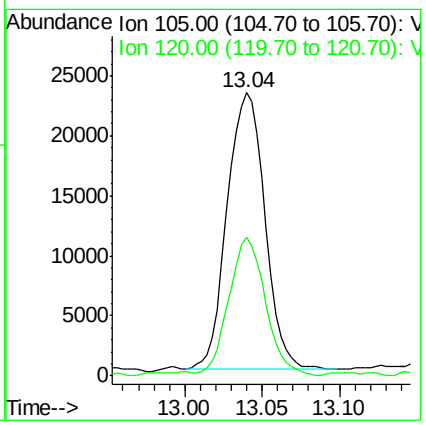


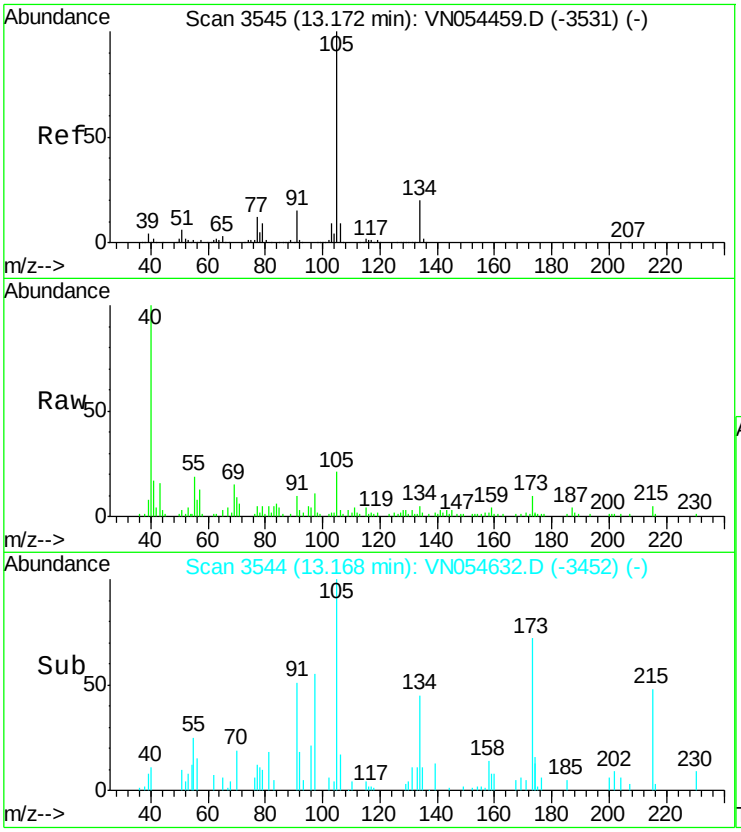


#84
1,2,4-Trimethylbenzene
Concen: 1.887 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion:105 Resp: 38991

Ion	Ratio	Lower	Upper
105	100		
120	49.1	23.4	70.3



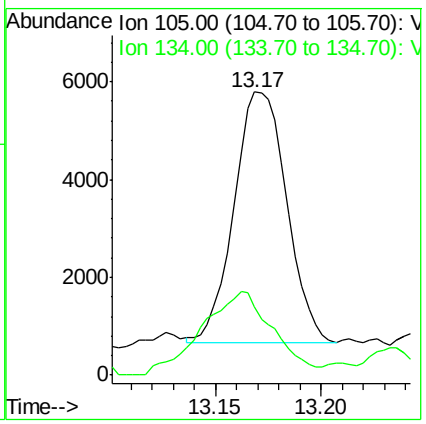


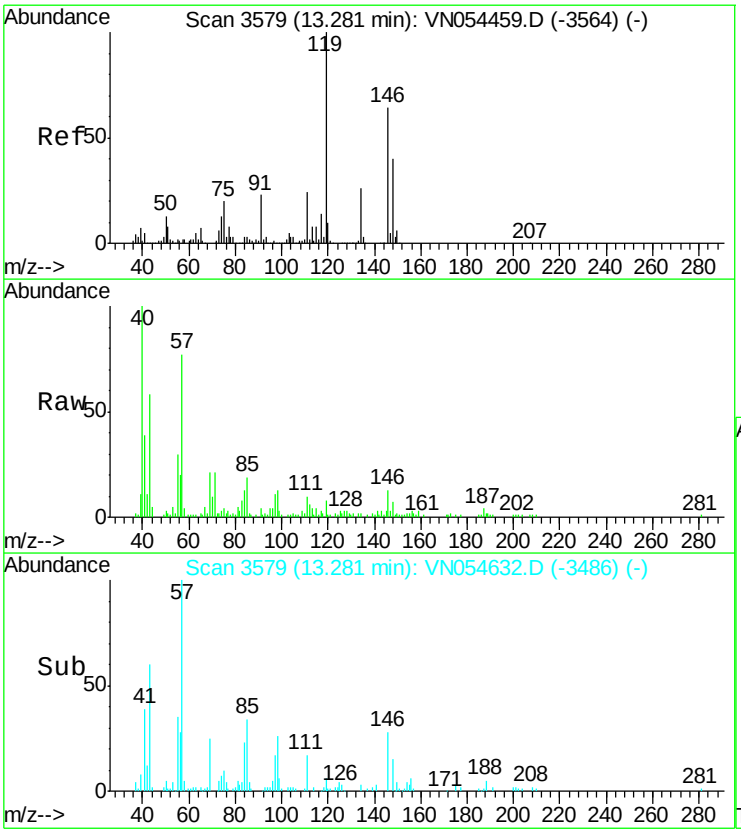
#85
sec-Butylbenzene
Concen: 0.389 ug/l
RT: 13.17 min Scan# 3544
Delta R.T. -0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion:105 Resp: 8888

Ion	Ratio	Lower	Upper
105	100		
134	45.0	10.7	32.1#

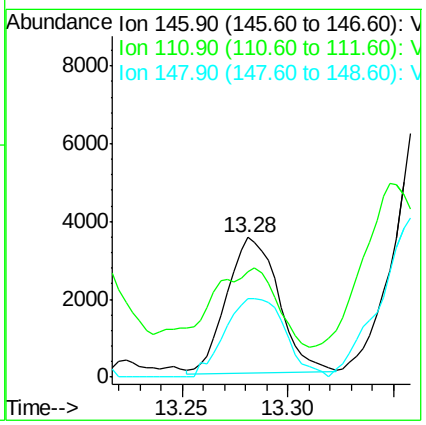


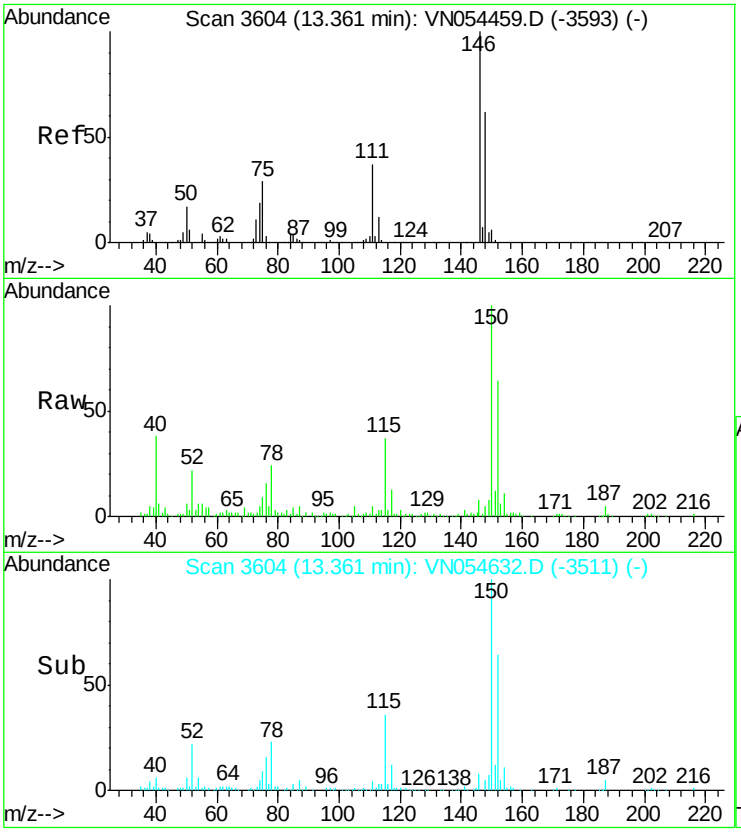


#87
1,3-Dichlorobenzene
Concen: 0.573 ug/l
RT: 13.28 min Scan# 3579
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion:146 Resp: 6052

Ion	Ratio	Lower	Upper
146	100		
111	67.4	18.8	56.3#
148	66.3	32.2	96.6



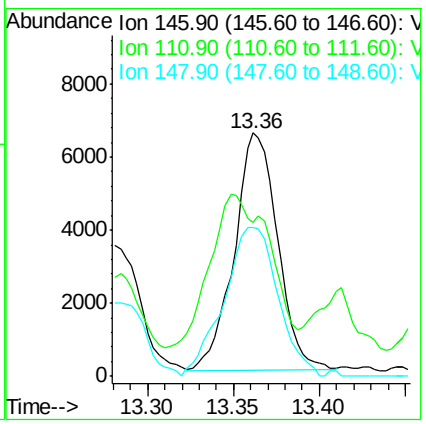


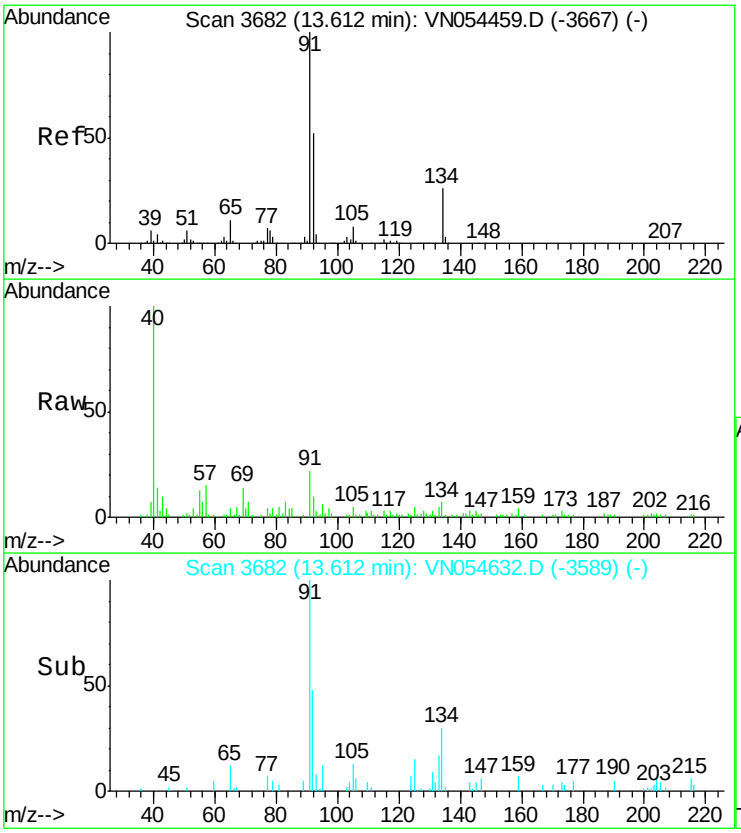
#88
1,4-Dichlorobenzene
Concen: 1.112 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion:146 Resp: 11425

Ion	Ratio	Lower	Upper
146	100		
111	88.4	18.1	54.1#
148	77.9	32.0	96.0

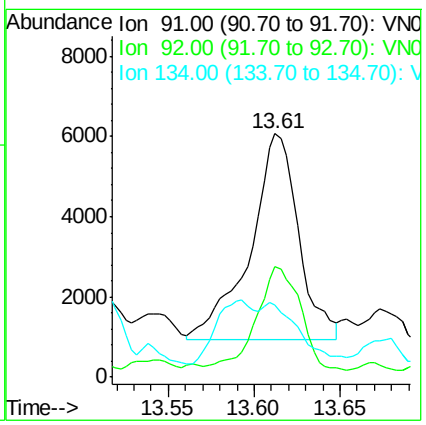


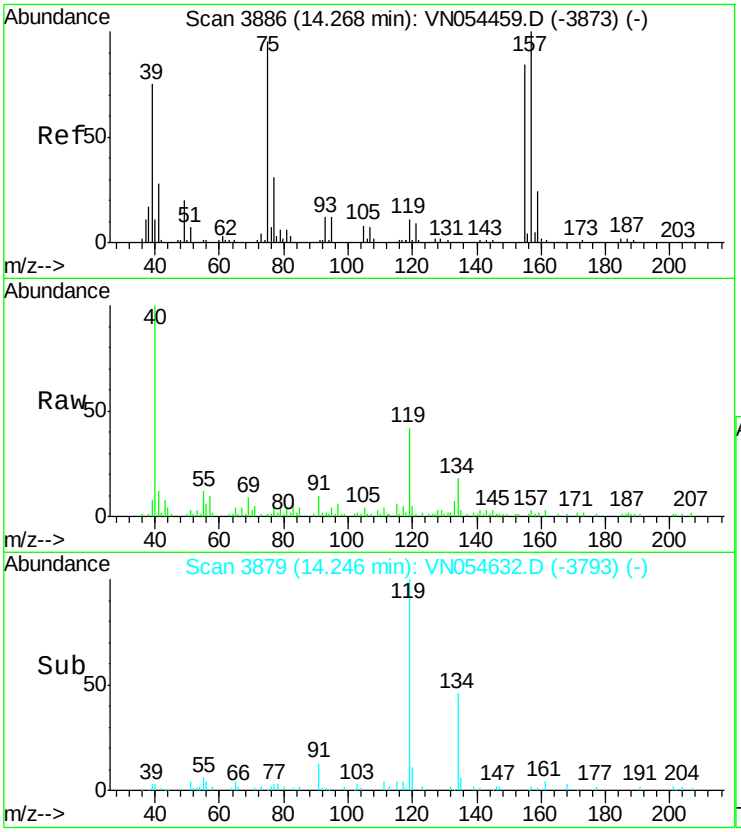


#89
n-Butylbenzene
Concen: 0.628 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion: 91 Resp: 10042

Ion	Ratio	Lower	Upper
91	100		
92	46.5	26.2	78.6
134	25.7	14.3	42.9



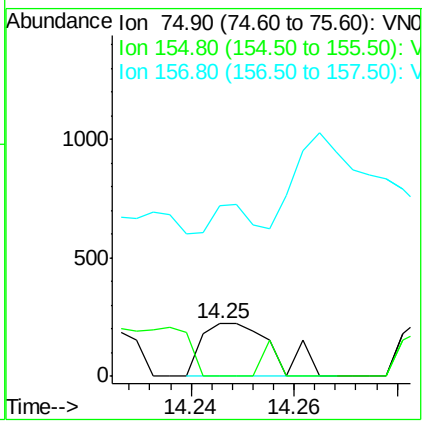


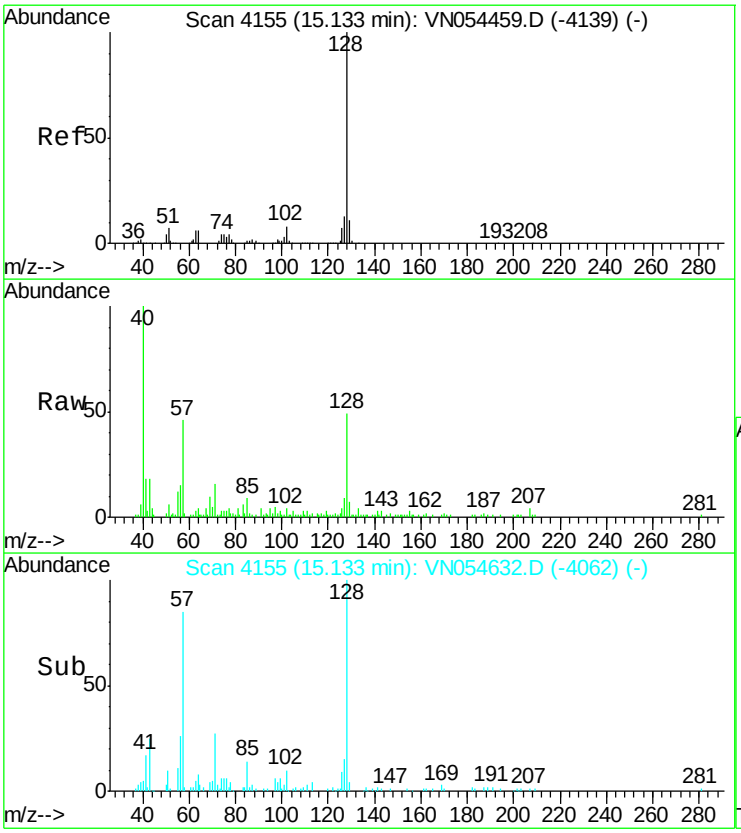
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.251 ug/l
RT: 14.25 min Scan# 3879
Delta R.T. -0.02 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Instrument :
MSVOA_N
ClientSampleId :
WP022SB443-190319-(18-20)

Tgt Ion: 75 Resp: 216

Ion	Ratio	Lower	Upper
75	100		
155	13.4	50.1	150.3#
157	291.7	63.1	189.3#





#95
Naphthalene
Concen: 2.064 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054632.D
Acq: 24 Mar 2019 4:48

Tgt Ion:128 Resp: 23476

Ion	Ratio	Lower	Upper
128	100		
127	19.4	10.1	15.1#
129	12.8	8.7	13.1