Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031819\
Data File : VN054387.D
Acq On : 18 Mar 2019 12:10
Operator : JC/SP
Sample : K1960-11DL 40X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId :

Quant Time: Mar 19 05:09:45 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	1906355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2703453	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2233322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	800161	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	903243	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.22%			
35) Dibromofluoromethane	7.59	113	823593	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.46%			
50) Toluene-d8	10.09	98	3109602	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.58%			
62) 4-Bromofluorobenzene	12.40	95	906040	40.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.42%			
Target Compounds						Qvalue
10) Methyl Iodide	3.94	142	98	1.500	ug/l #	45
16) Acetone	3.82	43	81398	14.042	ug/l	99
18) Methyl Acetate	4.34	43	5890	0.502	ug/l #	75
31) Cyclohexane	7.66	56	29603	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	112648	4.525	ug/l #	48
38) Carbon Tetrachloride	7.66	117	157528	6.034	ug/l #	16
49) 1,4-Dioxane	8.99	88	61	0.338	ug/l #	1
51) 4-Methyl-2-Pentanone	10.09	43	10780	0.811	ug/l #	1
68) m/p-Xylenes	11.62	106	19540	0.615	ug/l	99
69) o-Xylene	11.95	106	7370	0.238	ug/l	98
71) Bromoform	12.40	173	6142	2.782	ug/l #	1
73) Isopropylbenzene	12.25	105	17831	0.279	ug/l	97
76) 1,2,3-Trichloropropane	12.40	75	431366	36.660	ug/l #	100
77) Bromobenzene	12.57	156	142155	8.392	ug/l #	1
78) n-propylbenzene	12.59	91	19341	0.278	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	431366	125.320	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	31903	0.611	ug/l	98
90) Hexachloroethane	13.89	117	4630	0.501	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.91	180	116	2.523	ug/l #	1
95) Naphthalene	15.14	128	20166	4.004	ug/l	98

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

Quantitation Report (Not Reviewed)

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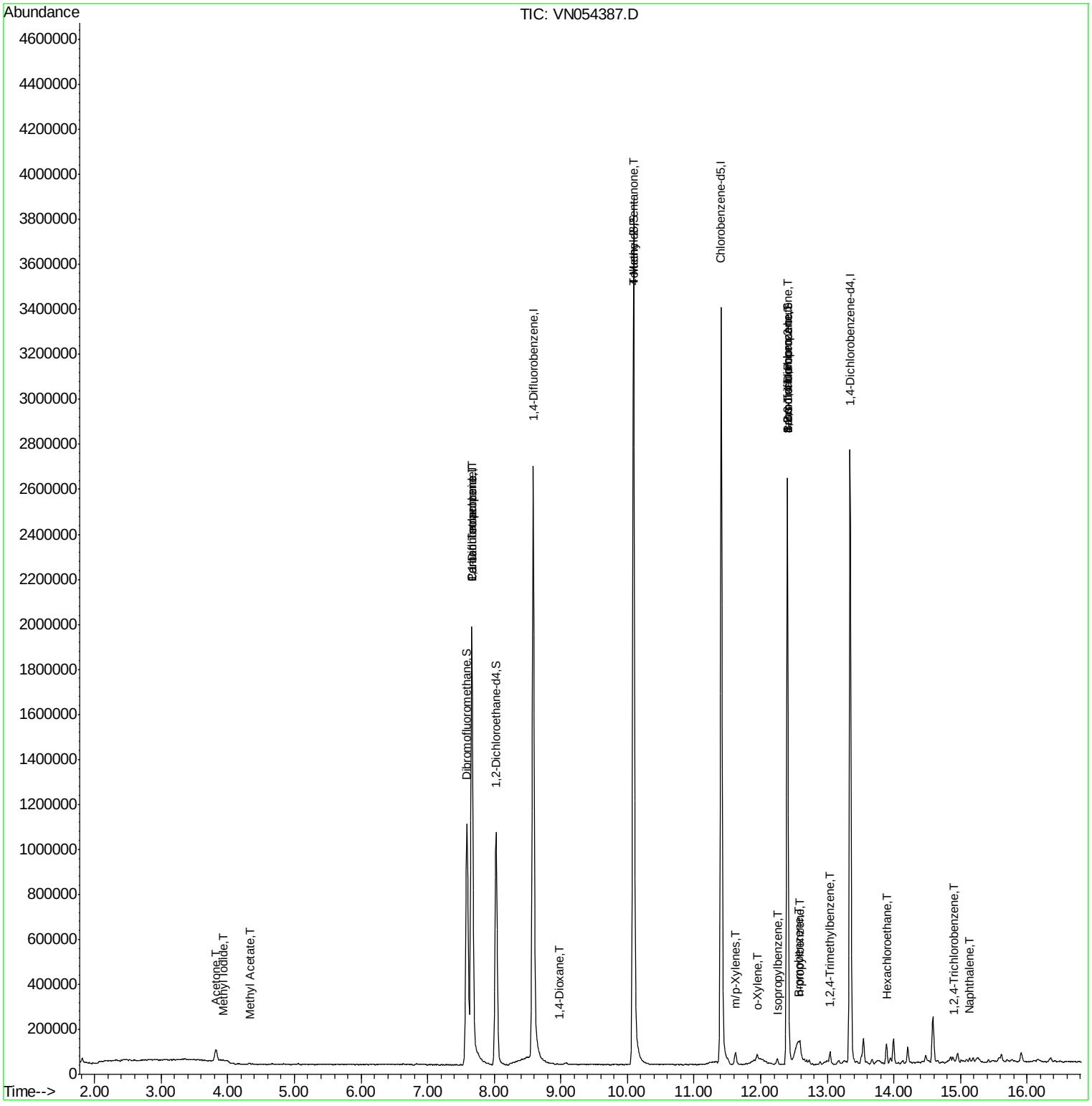
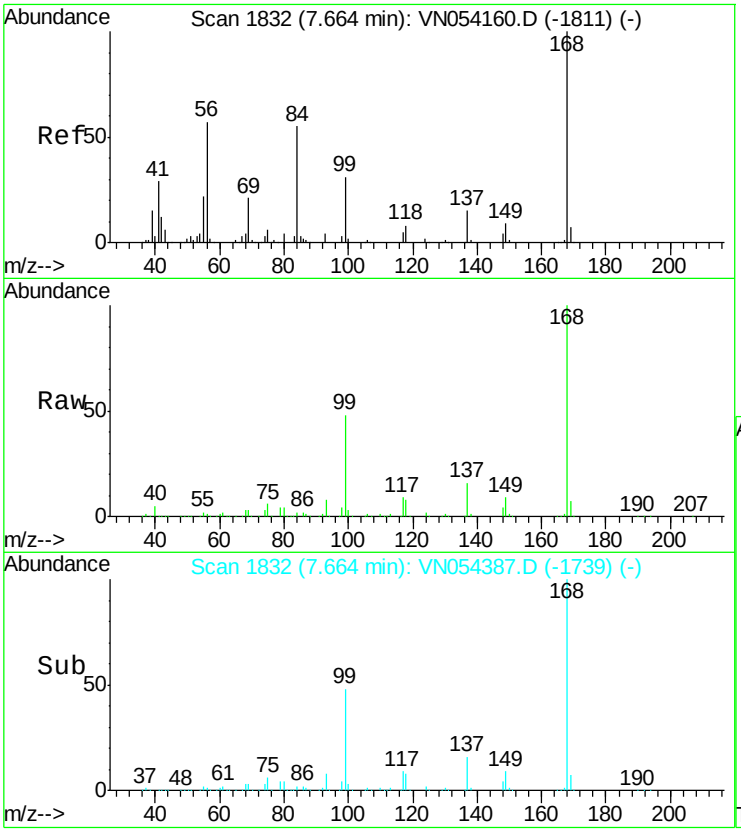
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



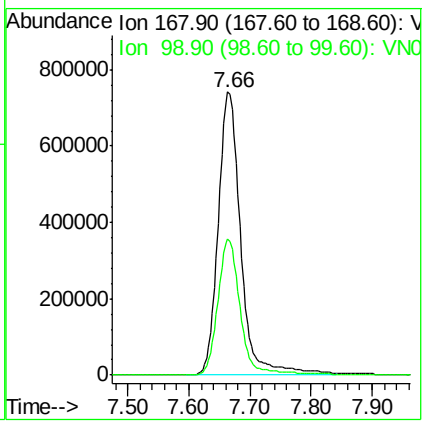


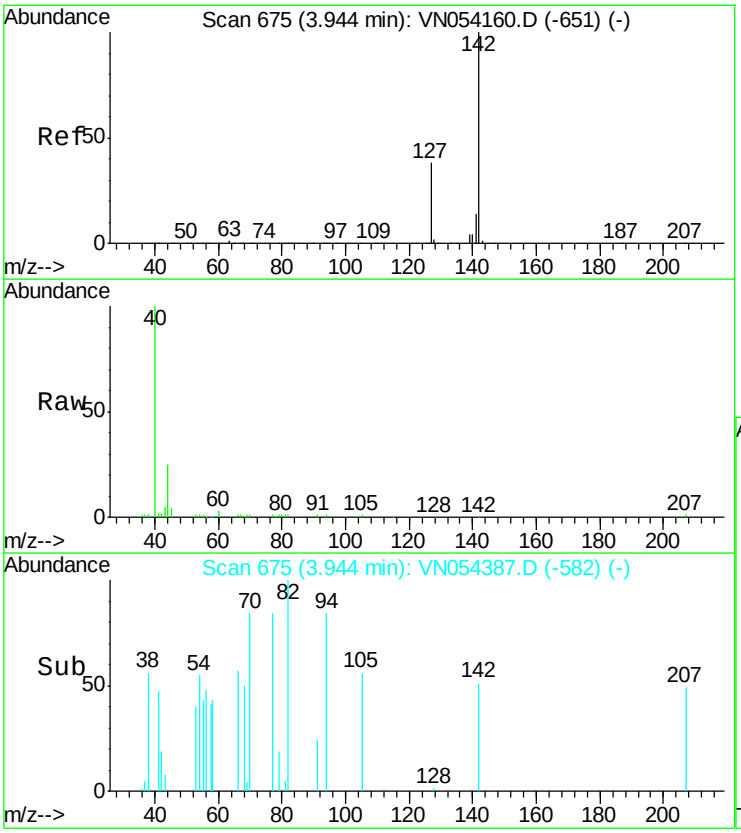
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 1906355

Ion	Ratio	Lower	Upper
168	100		
99	48.3	37.1	55.7

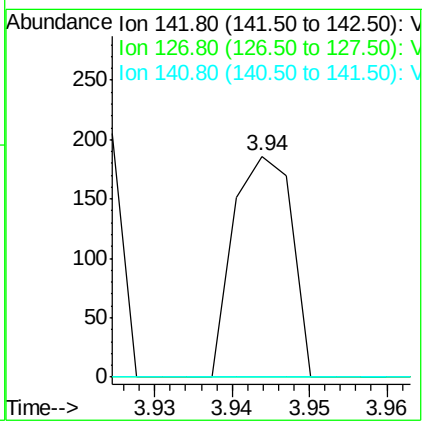


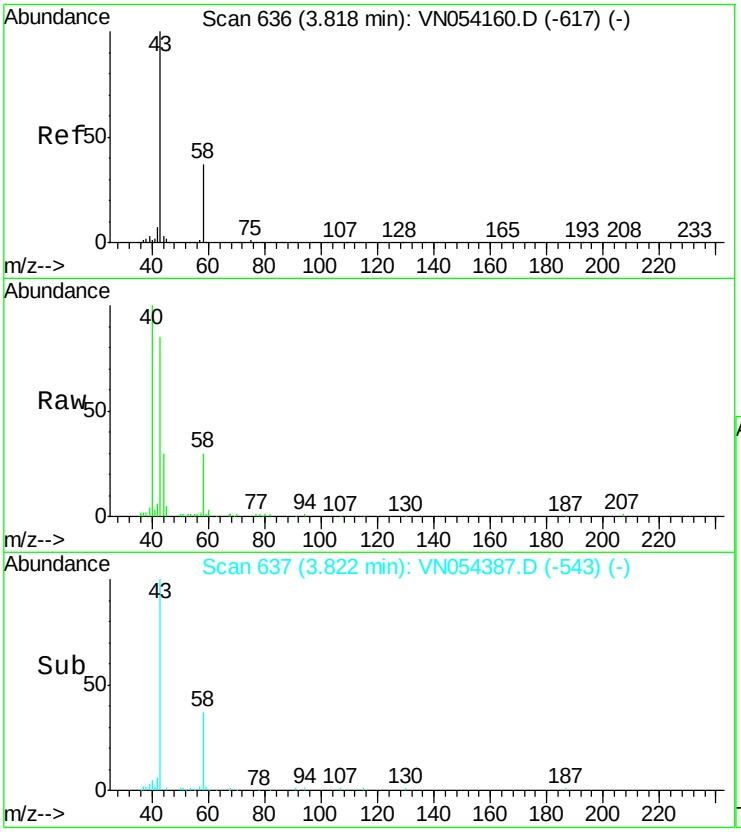


#10
Methyl Iodide
Concen: 1.500 ug/l
RT: 3.94 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion:142 Resp: 98

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



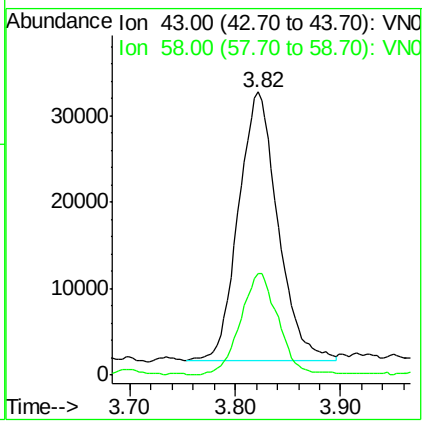


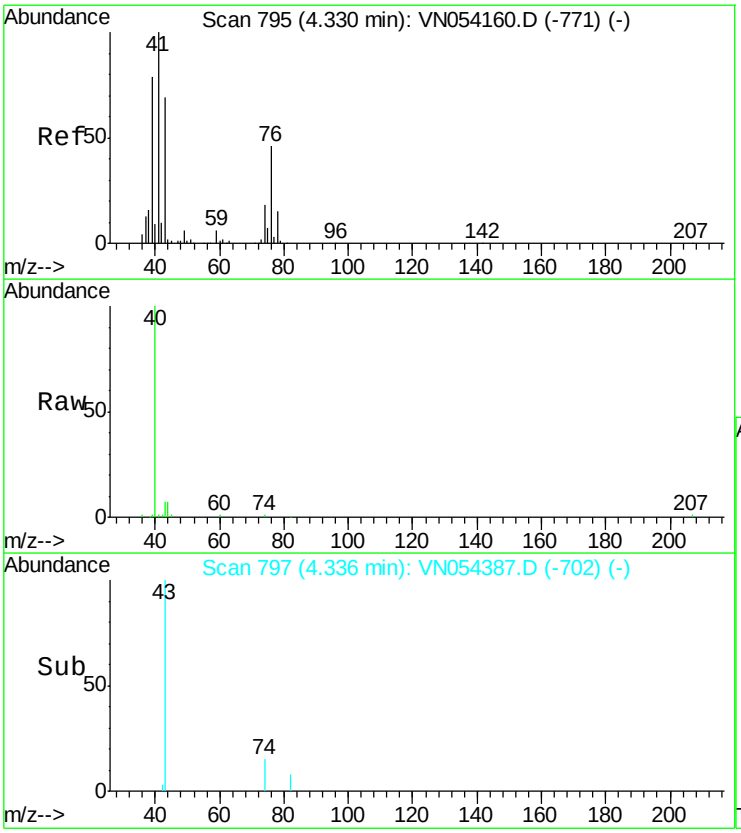
#16
Acetone
Concen: 14.042 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 81398

Ion	Ratio	Lower	Upper
43	100		
58	37.8	29.9	44.9

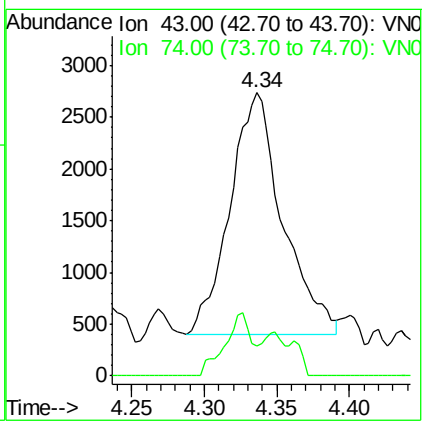


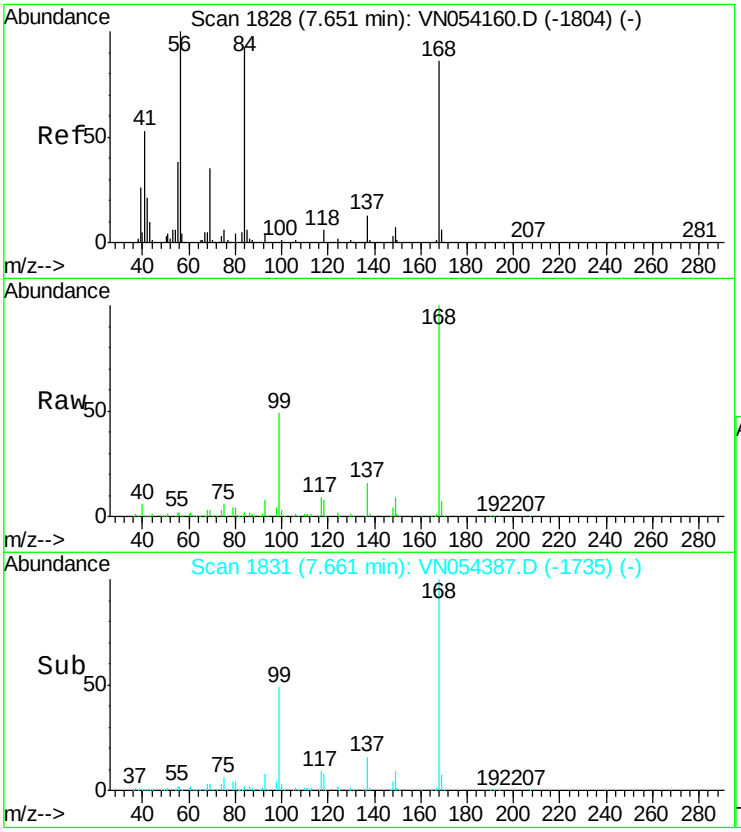


#18
Methyl Acetate
Concen: 0.502 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion: 43 Resp: 5890

Ion	Ratio	Lower	Upper
43	100		
74	13.1	20.8	31.2#



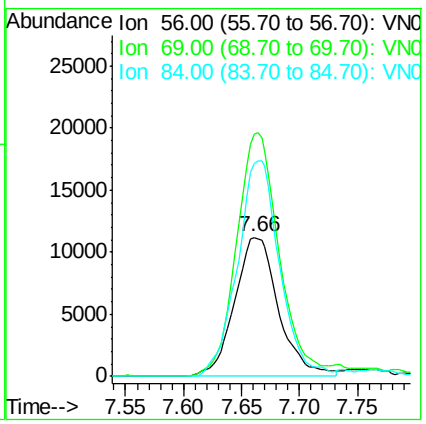


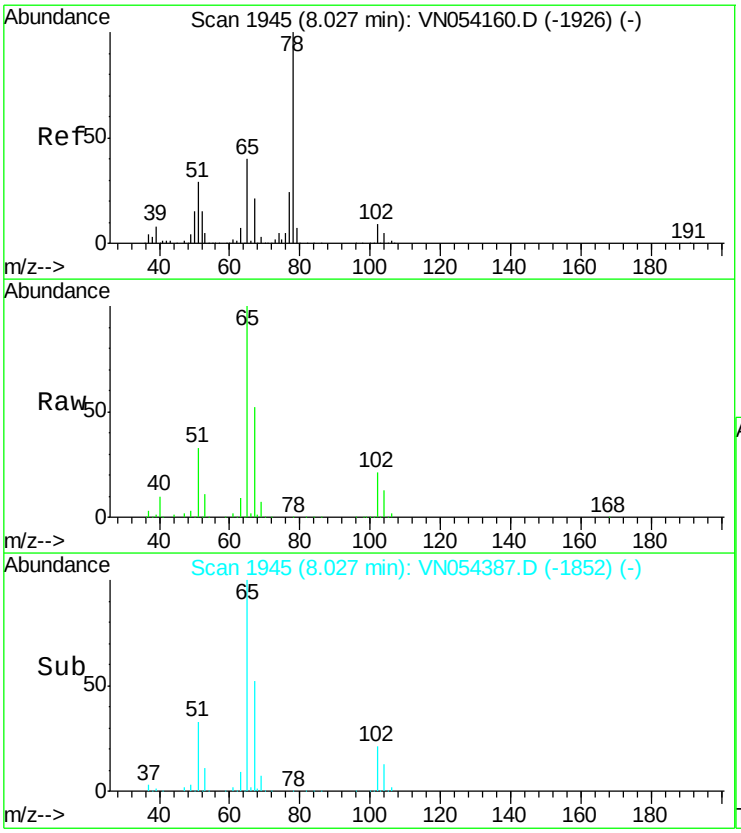
#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 29603

Ion	Ratio	Lower	Upper
56	100		
69	174.8	27.8	41.6#
84	153.4	74.6	111.8#

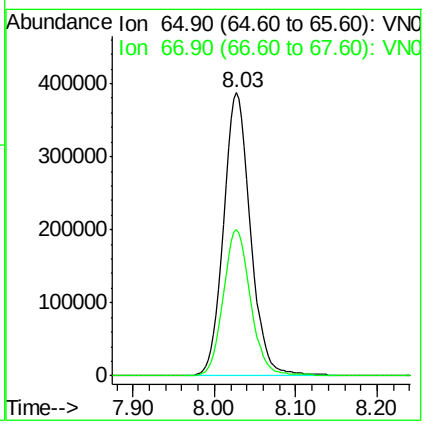


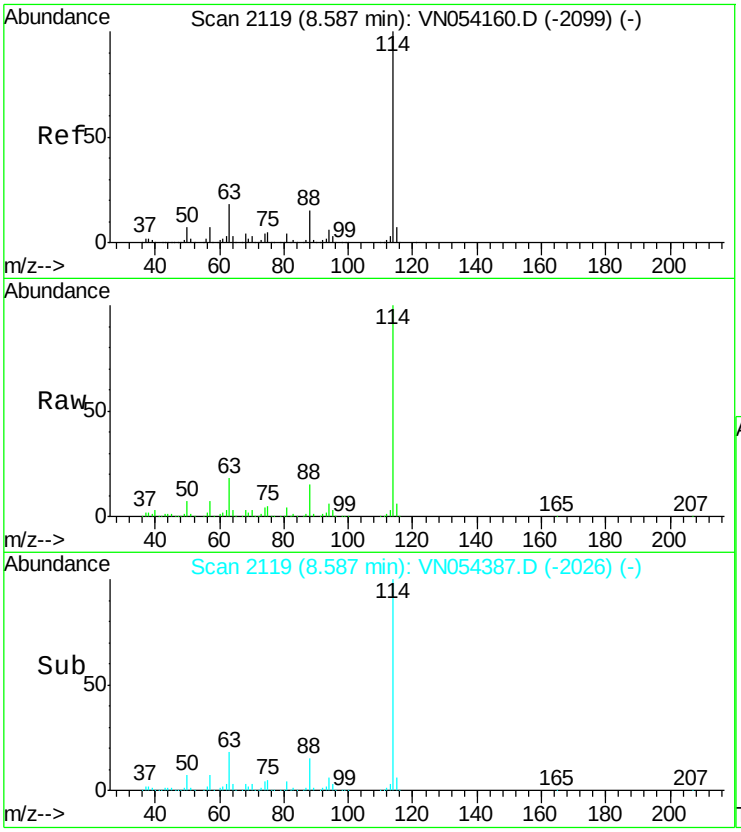


#33
1,2-Dichloroethane-d4
Concen: 44.614 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion: 65 Resp: 903243

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.6



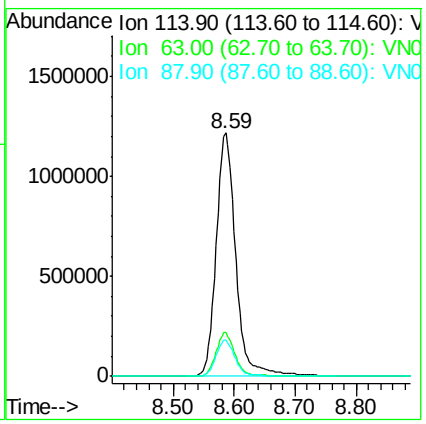


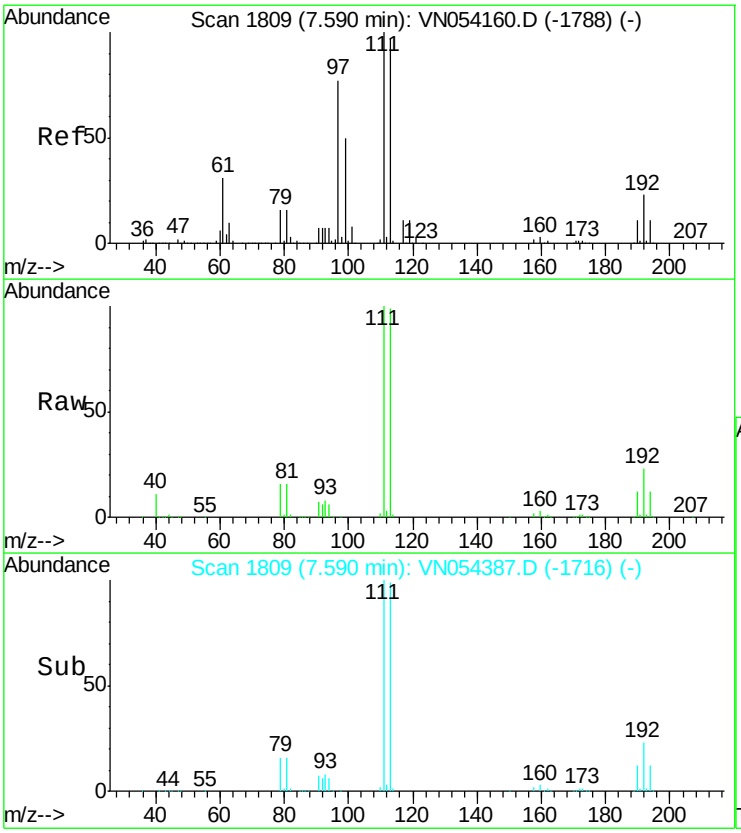
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:114 Resp: 2703453

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.2
88	14.8	0.0	30.2

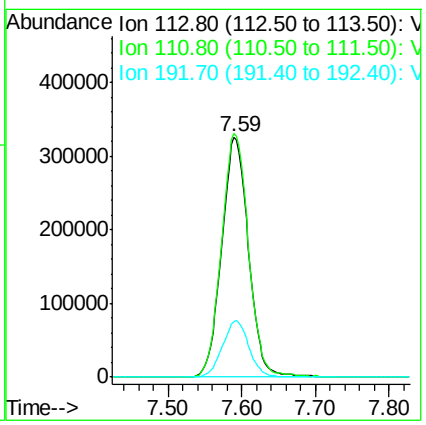


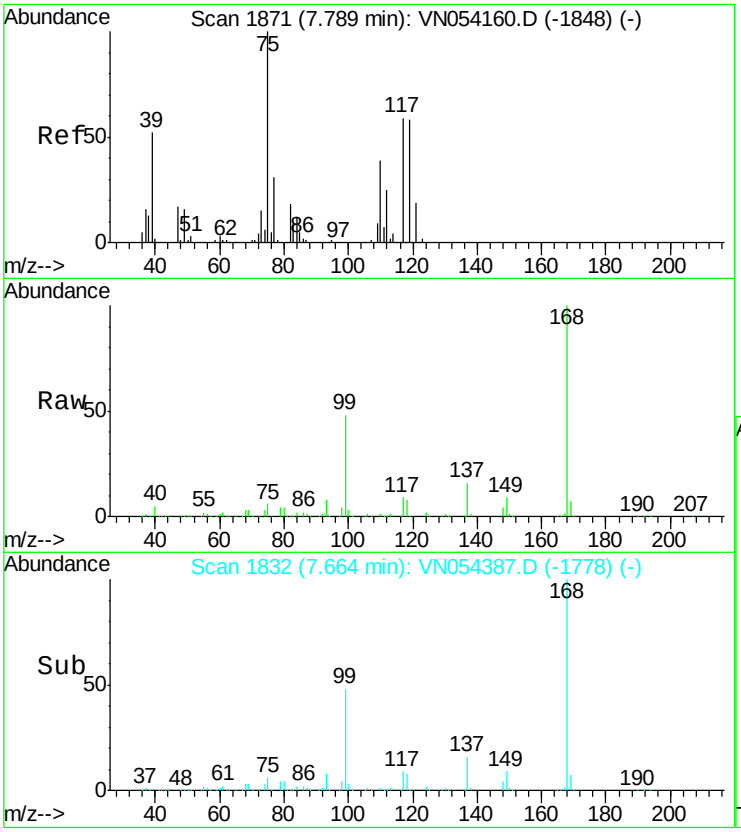


#35
Dibromofluoromethane
Concen: 47.235 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion:113 Resp: 823593

Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.2	123.4
192	23.2	19.2	28.8



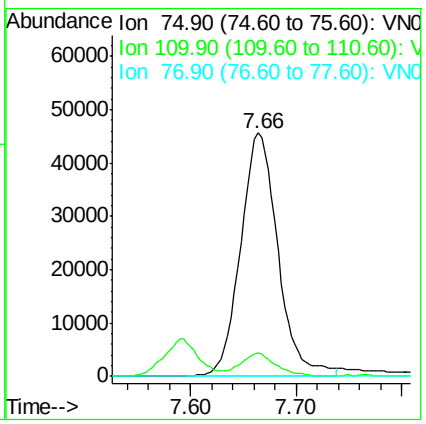


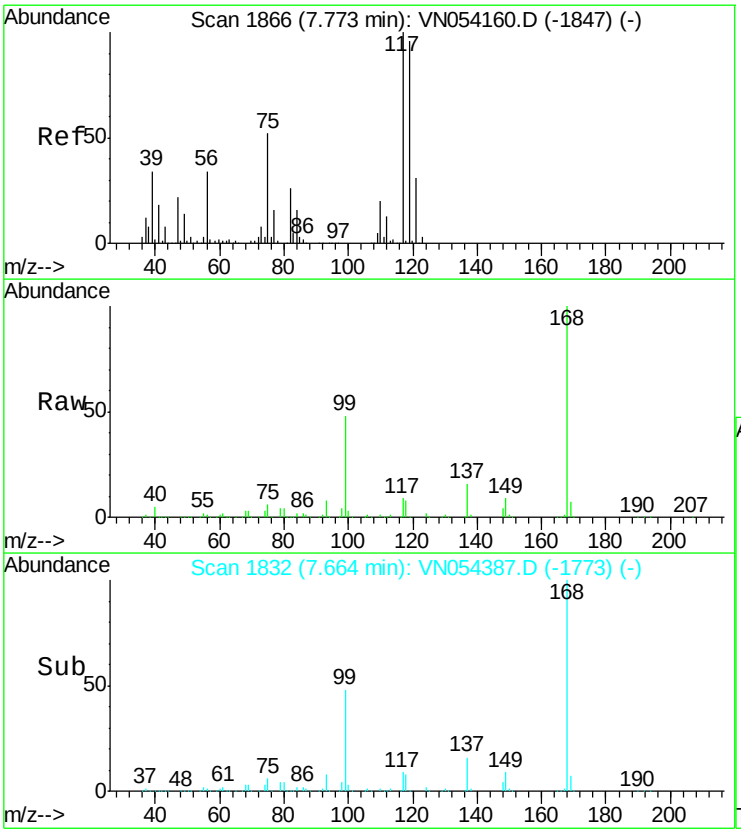
#36
1,1-Dichloropropene
Concen: 4.525 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 112648

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

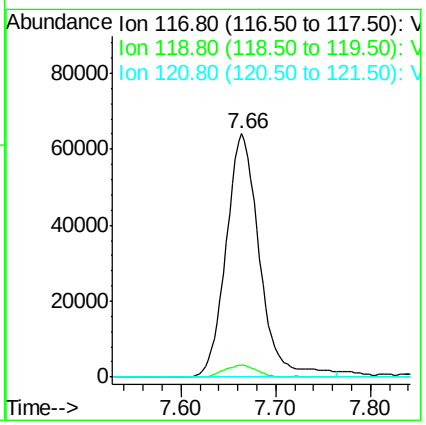


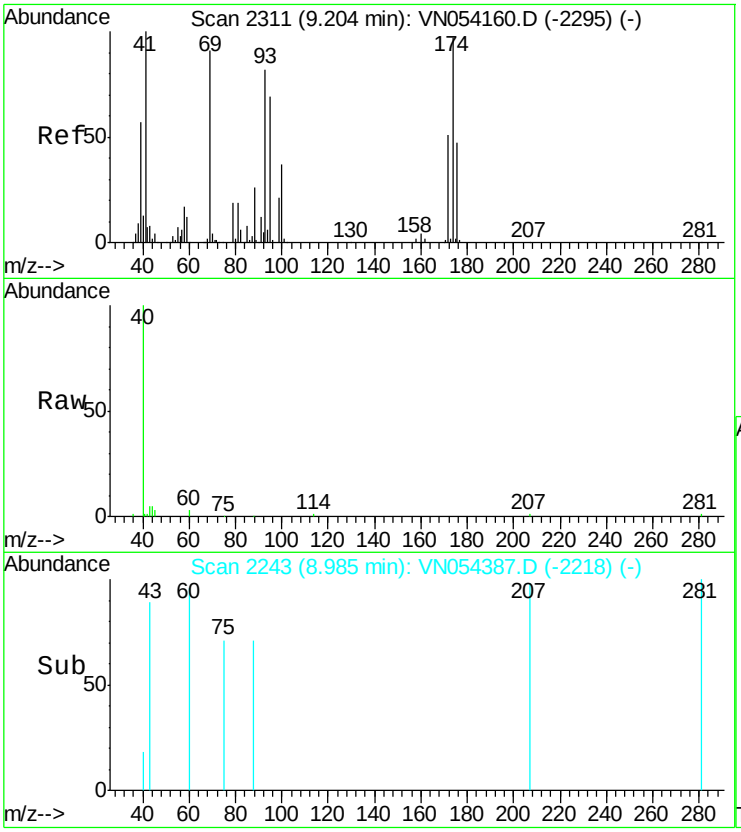


#38
Carbon Tetrachloride
Concen: 6.034 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion:117 Resp: 157528

Ion	Ratio	Lower	Upper
117	100		
119	5.0	76.3	114.5#
121	0.0	24.6	36.8#



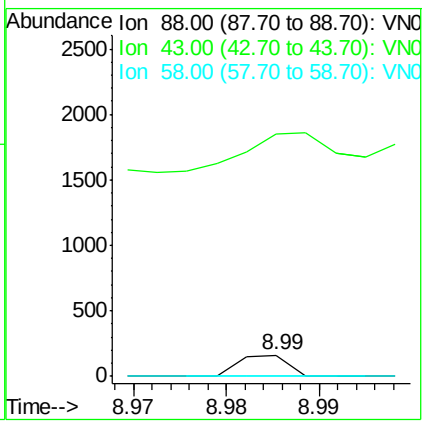


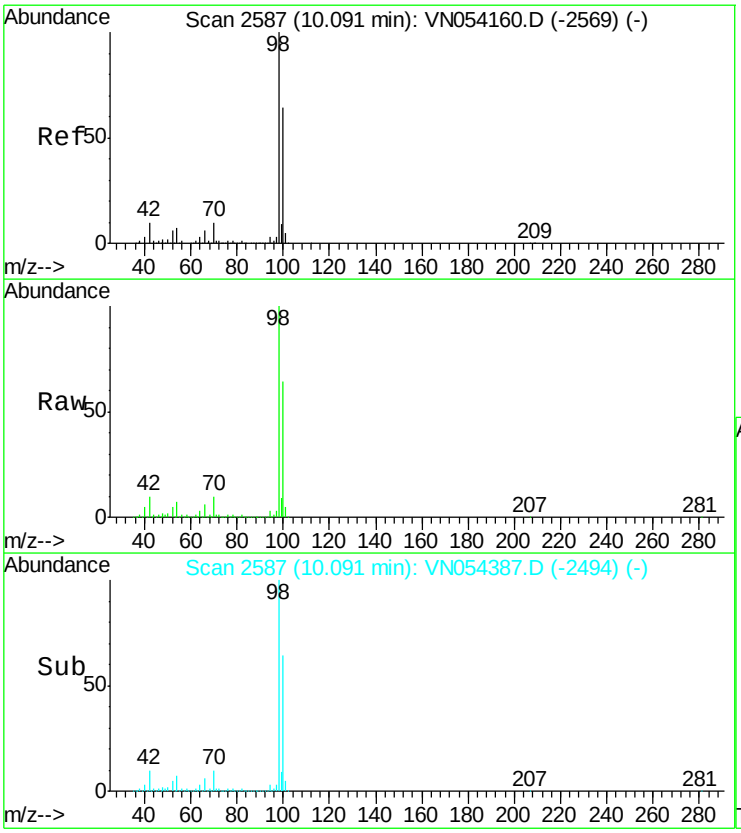
#49
1,4-Dioxane
Concen: 0.338 ug/l
RT: 8.99 min Scan# 2243
Delta R.T. -0.22 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 61

Ion	Ratio	Lower	Upper
88	100		
43	793.4	24.1	36.1#
58	0.0	50.8	76.2#

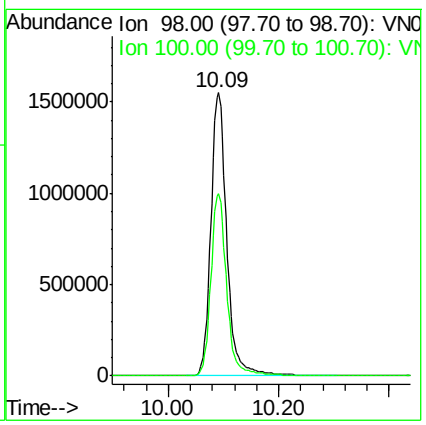


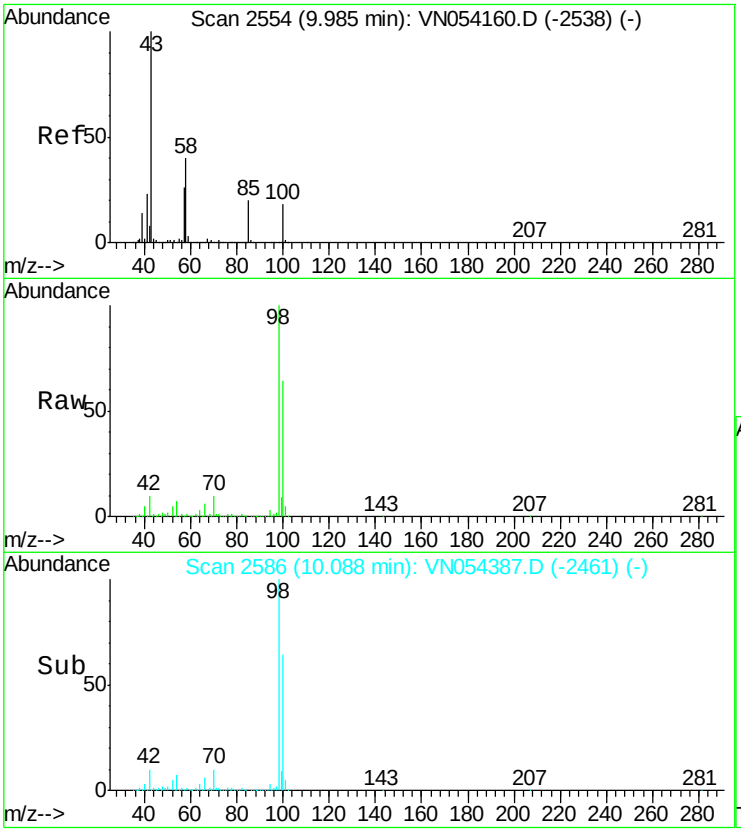


#50
Toluene-d8
Concen: 48.290 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion: 98 Resp: 3109602

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8



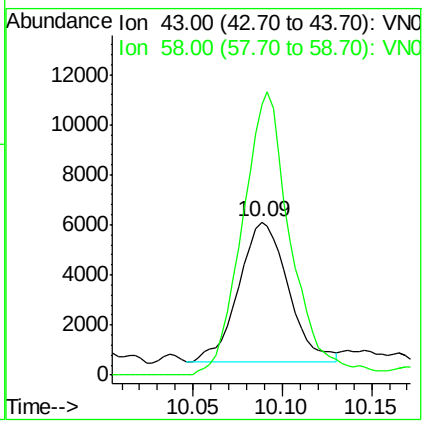


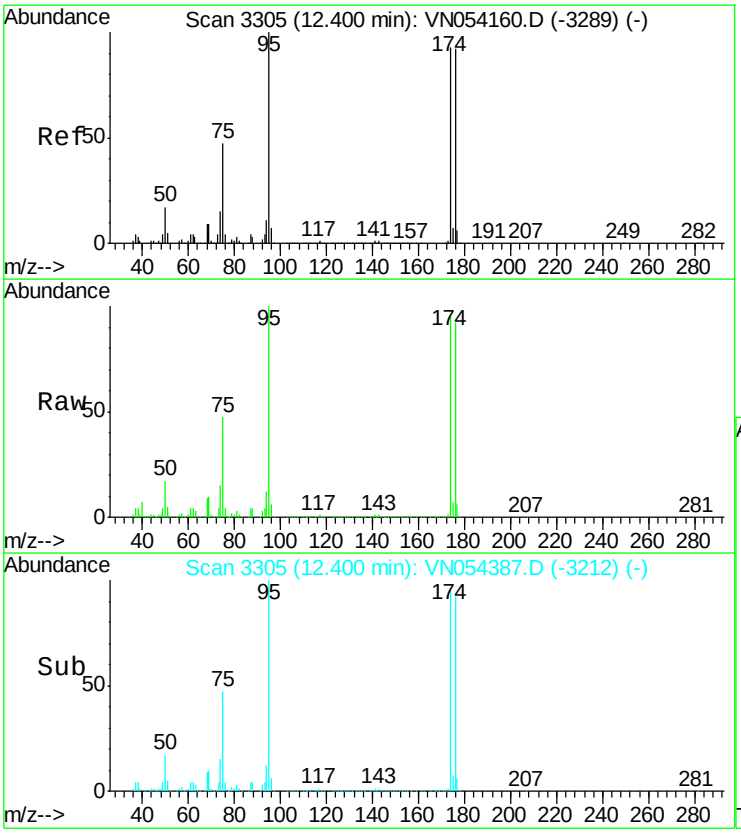
#51
4-Methyl-2-Pentanone
Concen: 0.811 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.10 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 10780

Ion	Ratio	Lower	Upper
43	100		
58	197.5	31.8	47.6#

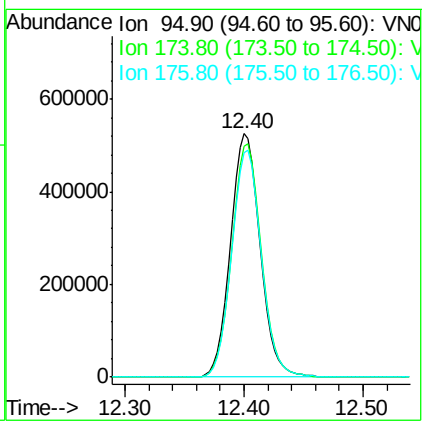


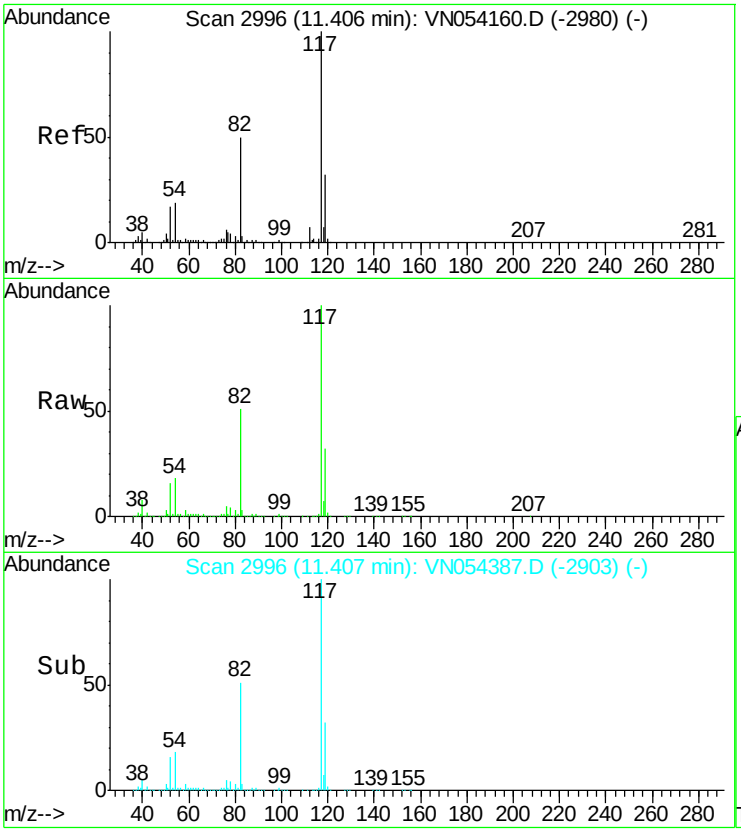


#62
4-Bromofluorobenzene
Concen: 40.212 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion: 95 Resp: 906040

Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	191.0
176	93.4	0.0	187.4



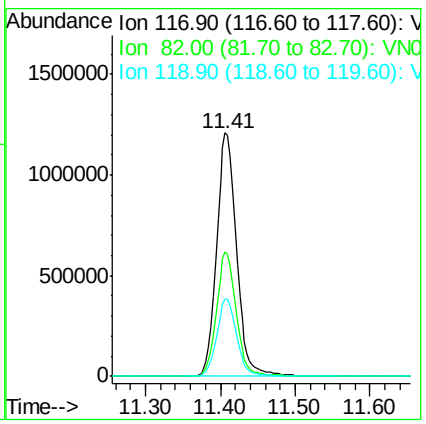


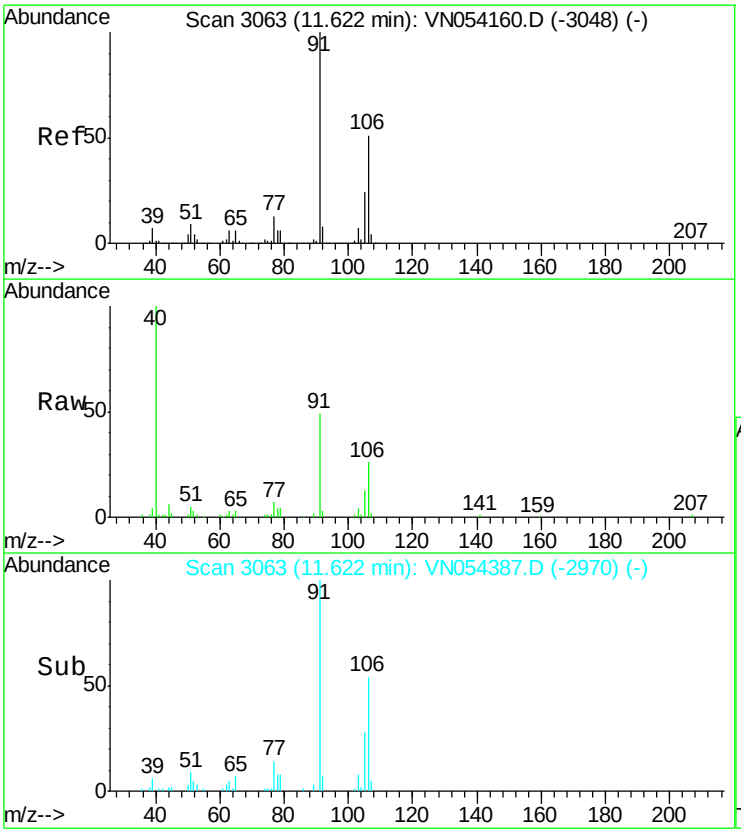
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 2233322

Ion	Ratio	Lower	Upper
117	100		
82	51.0	40.0	60.0
119	31.8	25.8	38.6

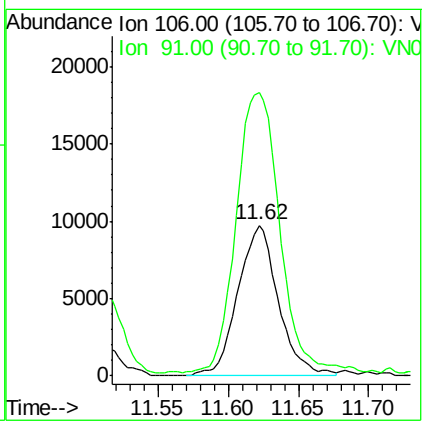


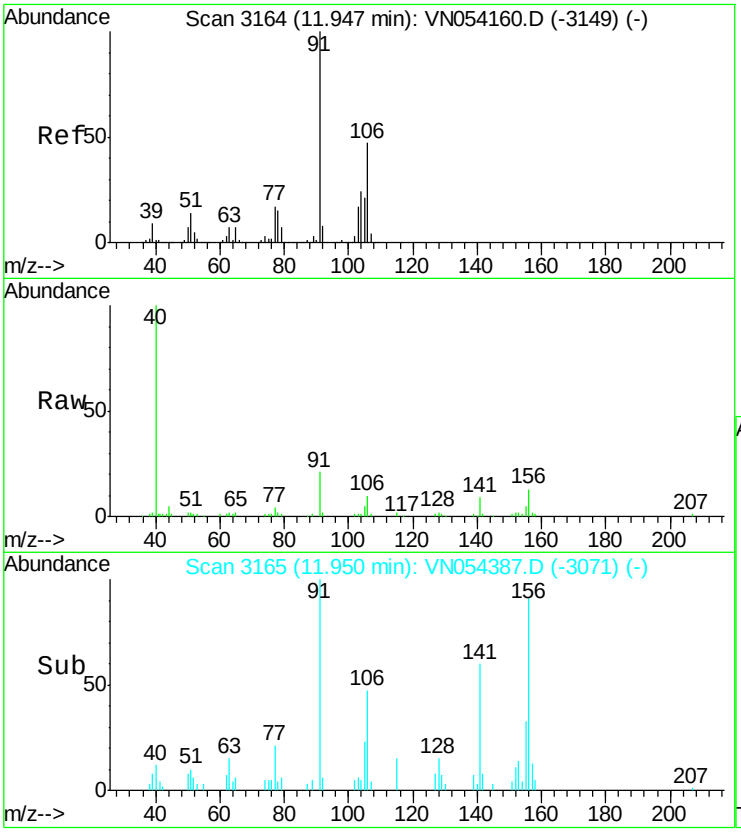


#68
m/p-Xylenes
Concen: 0.615 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion:106 Resp: 19540

Ion	Ratio	Lower	Upper
106	100		
91	200.3	159.4	239.2



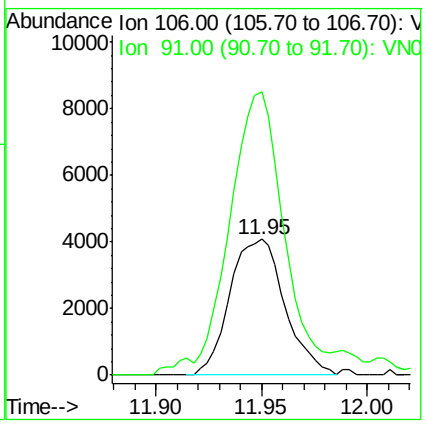


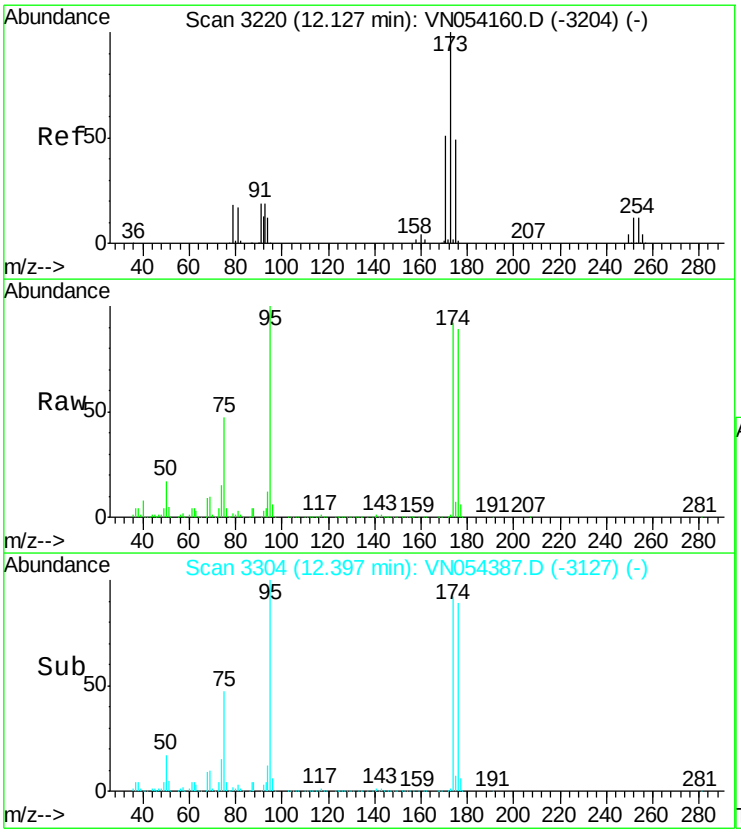
#69
o-Xylene
Concen: 0.238 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 7370

Ion	Ratio	Lower	Upper
106	100		
91	208.1	105.7	317.1

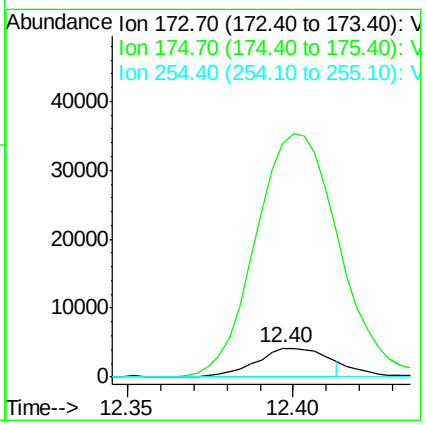


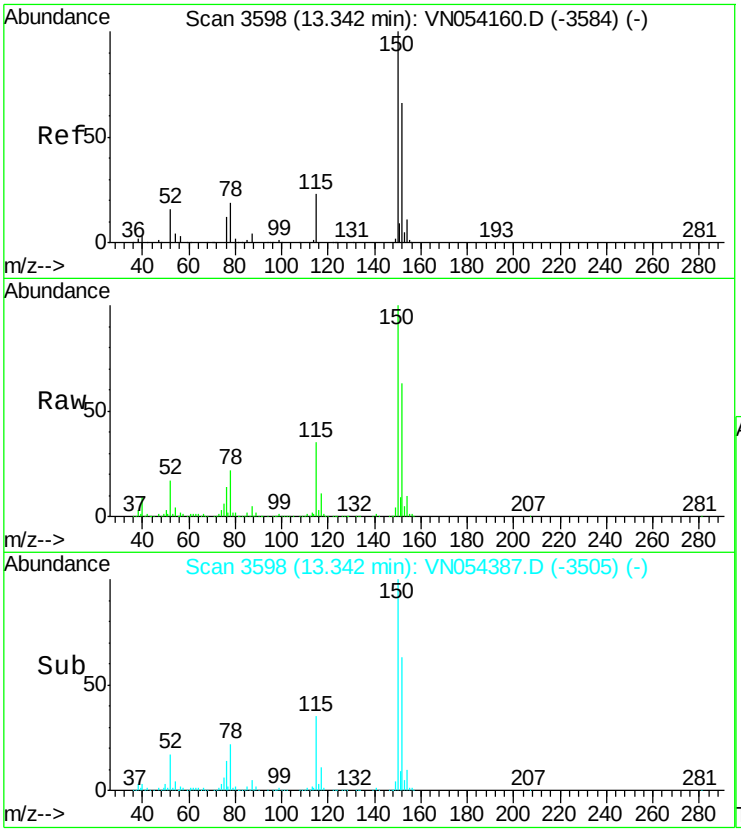


#71
Bromoform
Concen: 2.782 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion:173 Resp: 6142

Ion	Ratio	Lower	Upper
173	100		
175	875.9	24.4	73.2#
254	0.0	0.1	0.1#



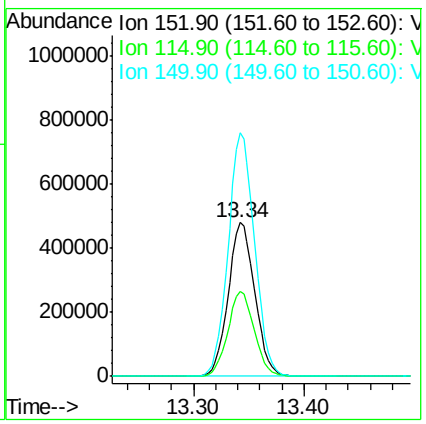


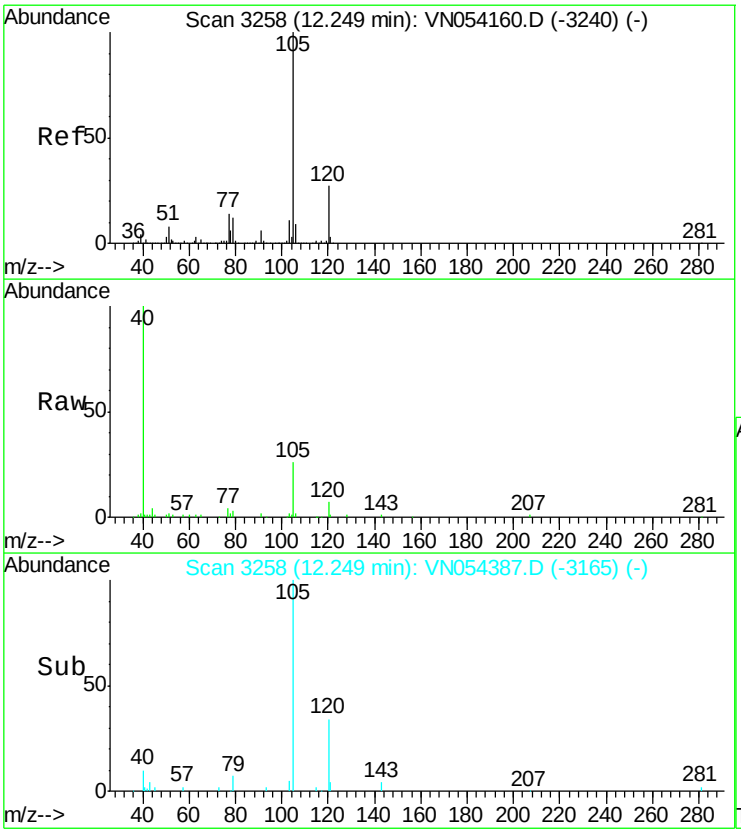
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument : MSVOA_N
ClientSampleId :

Tgt Ion:152 Resp: 800161

Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.2	81.6
150	157.2	0.0	349.2

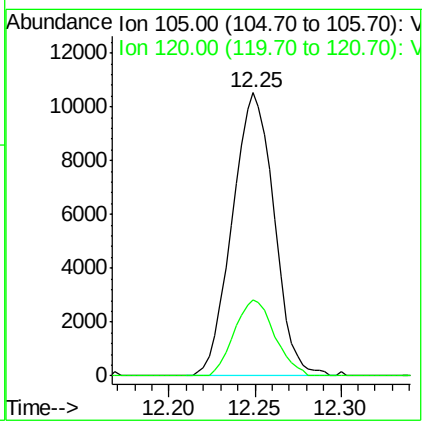


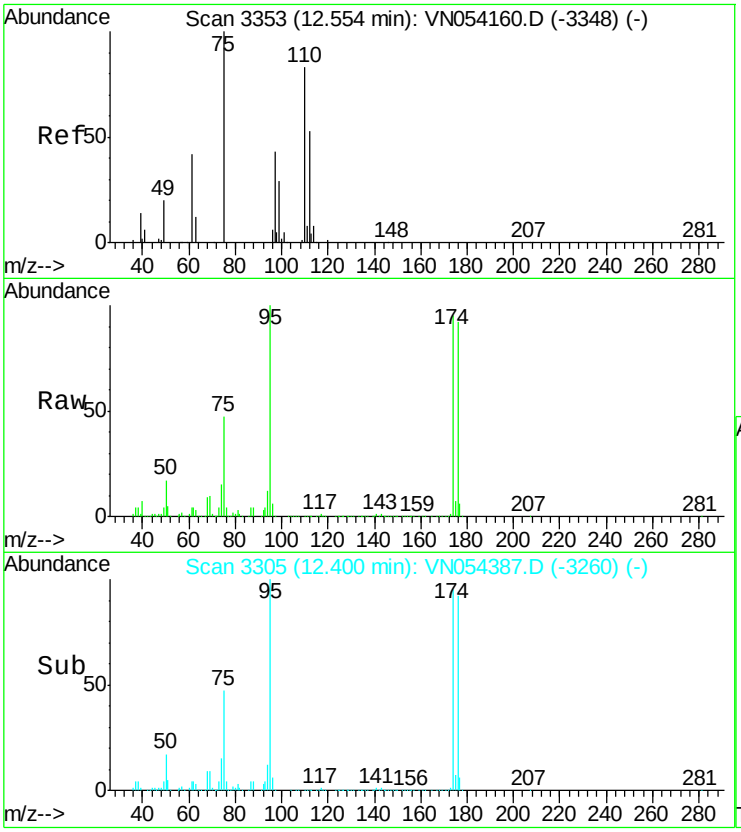


#73
Isopropylbenzene
Concen: 0.279 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion:105 Resp: 17831

Ion	Ratio	Lower	Upper
105	100		
120	25.7	13.8	41.3



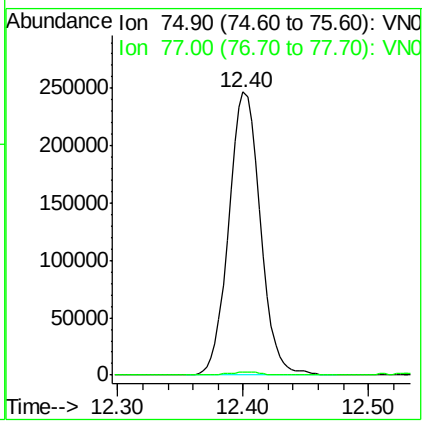


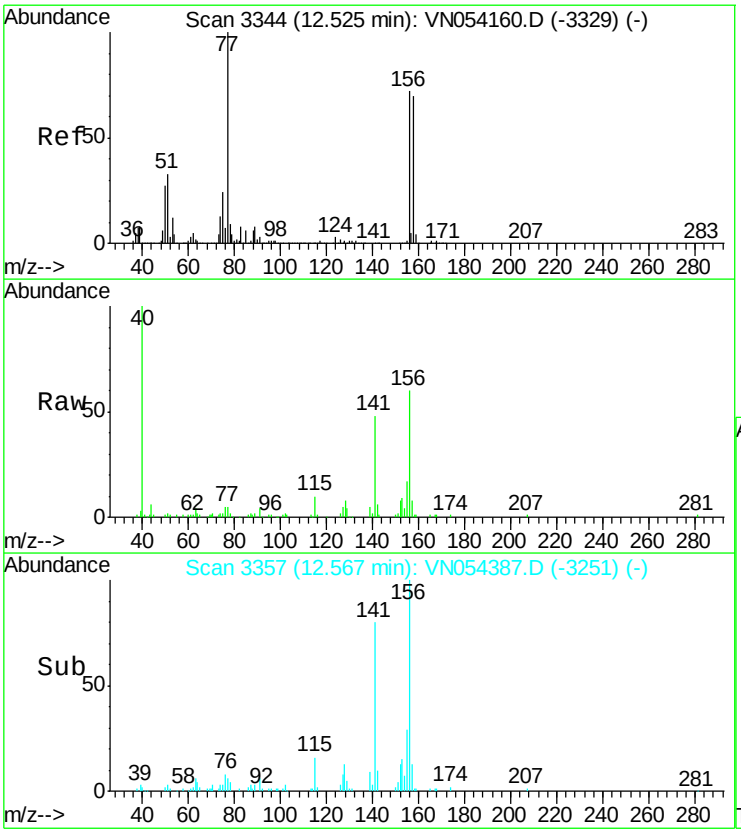
#76
1,2,3-Trichloropropane
Concen: 36.660 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 431366

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#

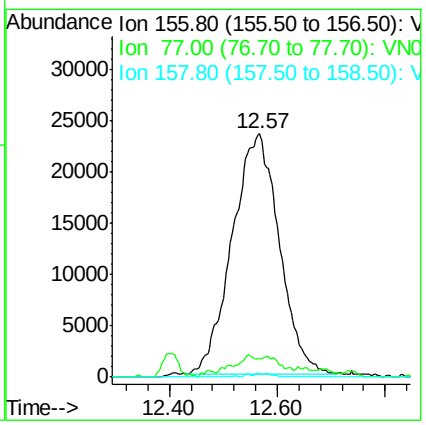


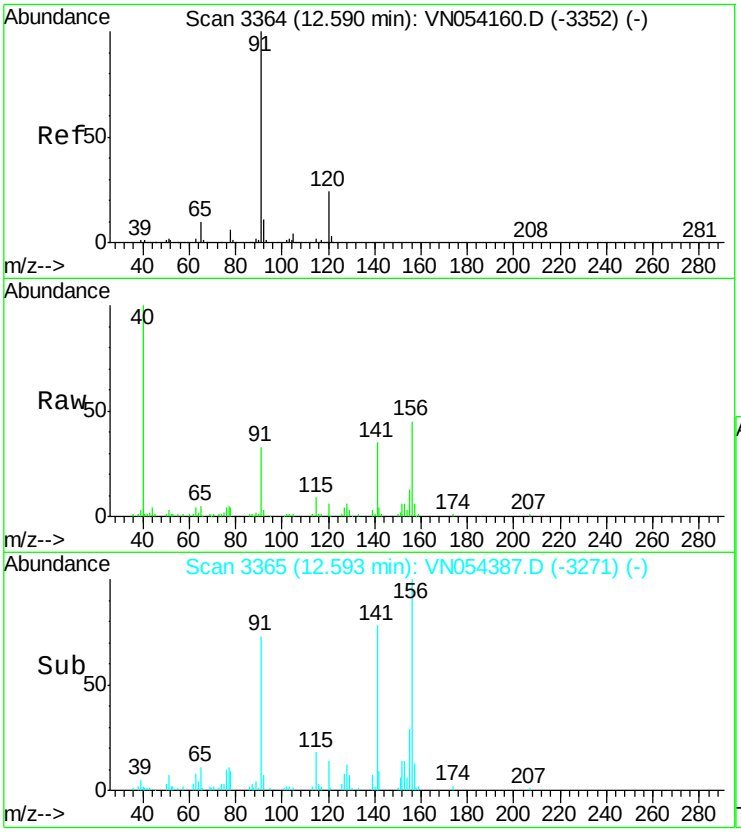


#77
Bromobenzene
Concen: 8.392 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.04 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion:156 Resp: 142155

Ion	Ratio	Lower	Upper
156	100		
77	0.0	81.5	244.4#
158	0.2	49.0	147.2#



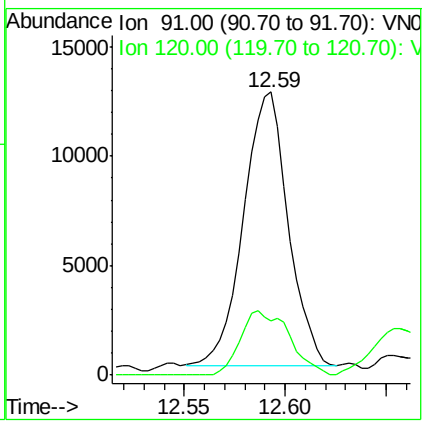


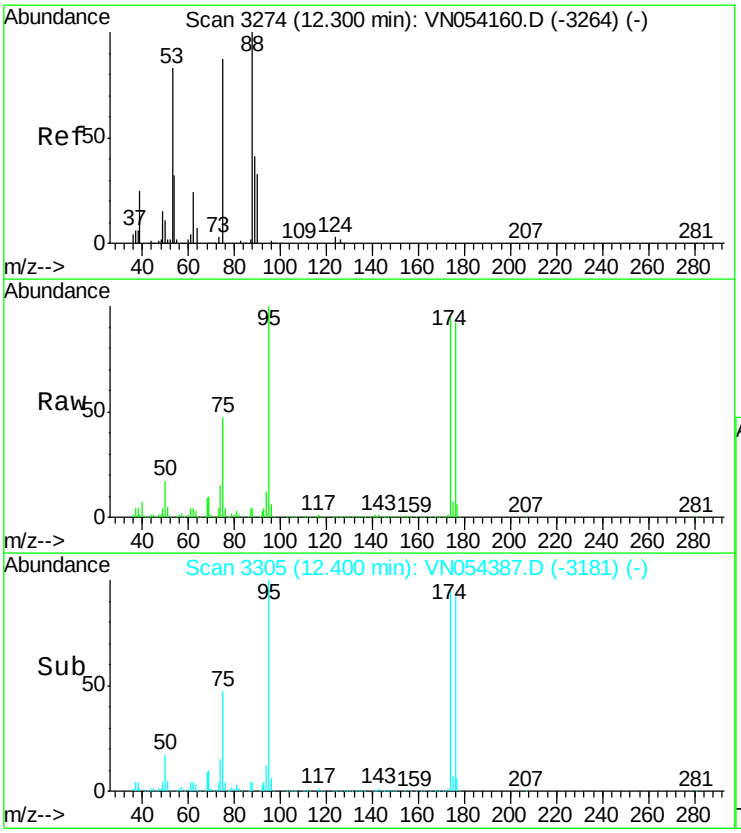
#78
n-propylbenzene
Concen: 0.278 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 19341

Ion	Ratio	Lower	Upper
91	100		
120	25.8	12.3	36.9

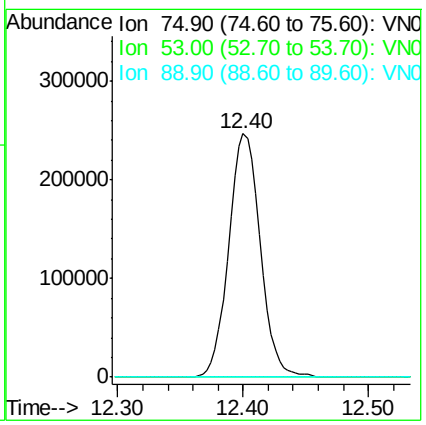


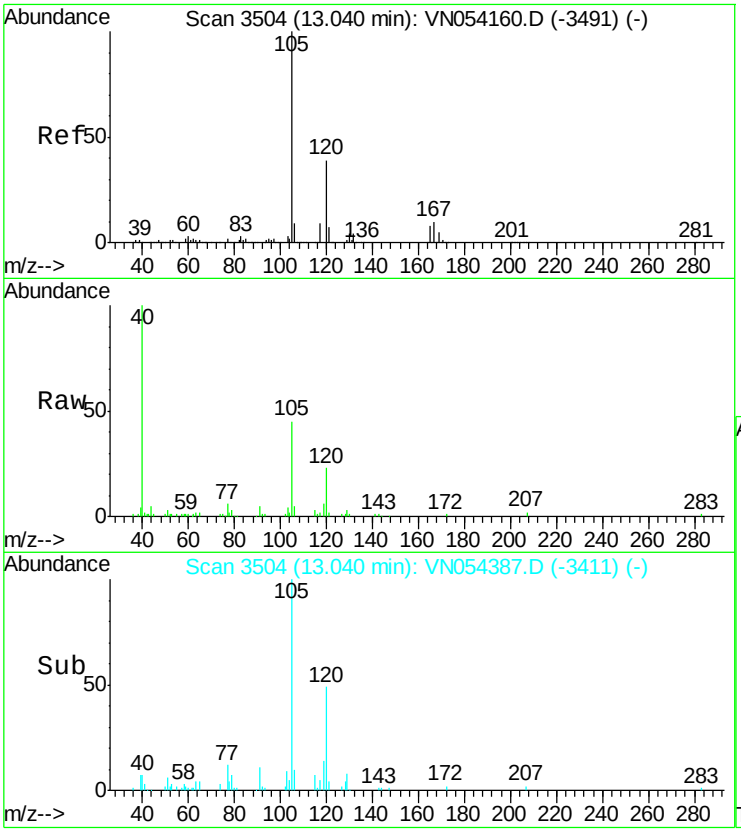


#81
trans-1,4-Dichloro-2-butene
Concen: 125.320 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion: 75 Resp: 431366

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



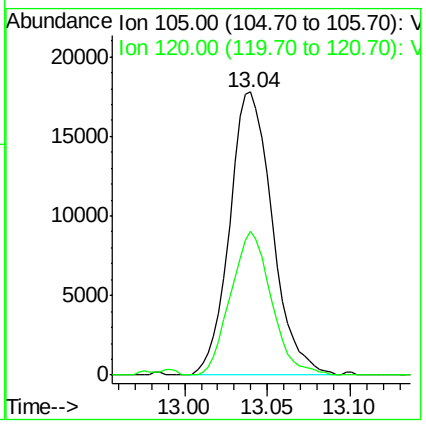


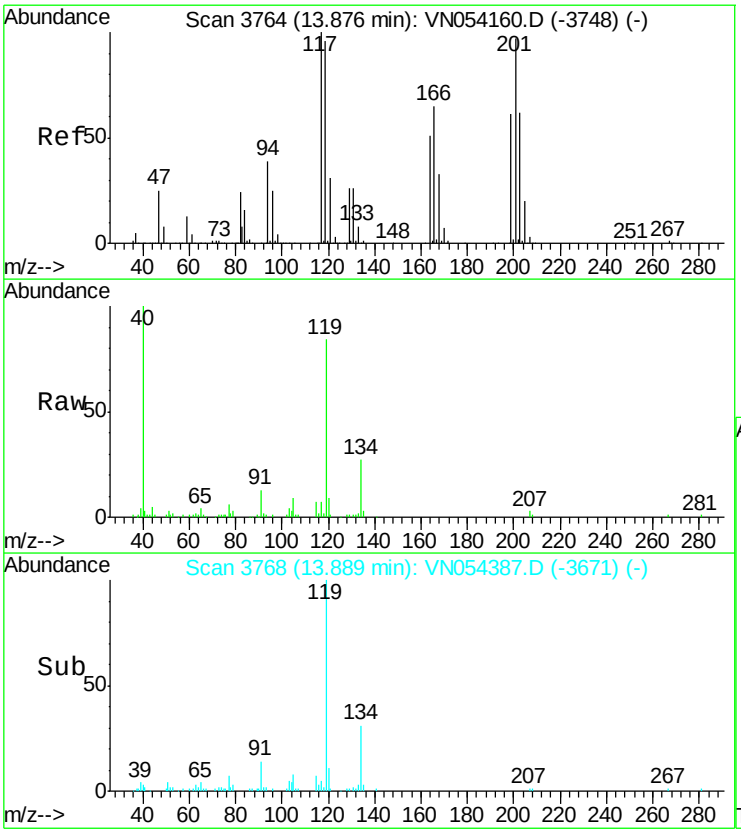
#84
1,2,4-Trimethylbenzene
Concen: 0.611 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:105 Resp: 31903

Ion	Ratio	Lower	Upper
105	100		
120	48.3	23.4	70.3

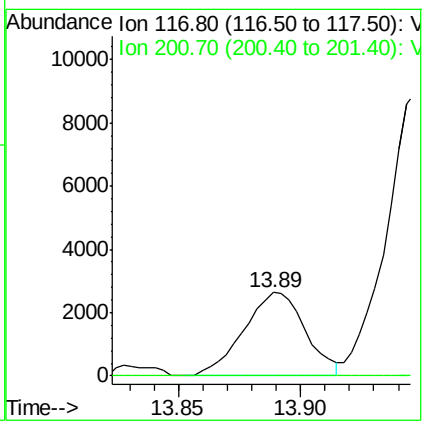


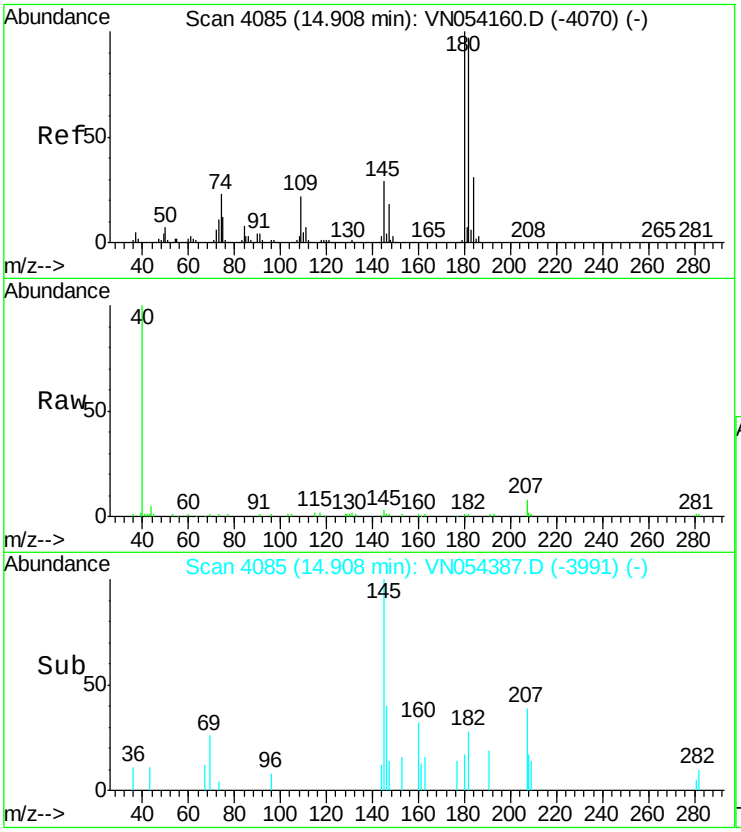


#90
Hexachloroethane
Concen: 0.501 ug/l
RT: 13.89 min Scan# 3768
Delta R.T. 0.01 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion:117 Resp: 4630

Ion	Ratio	Lower	Upper
117	100		
201	0.0	48.1	144.4#



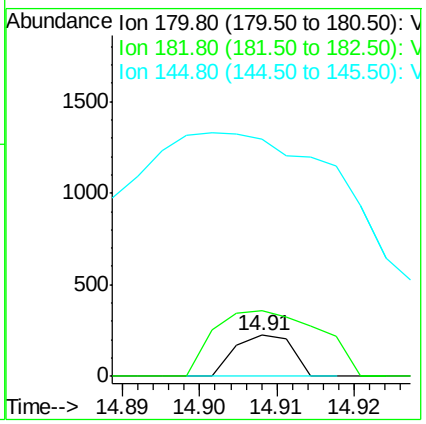


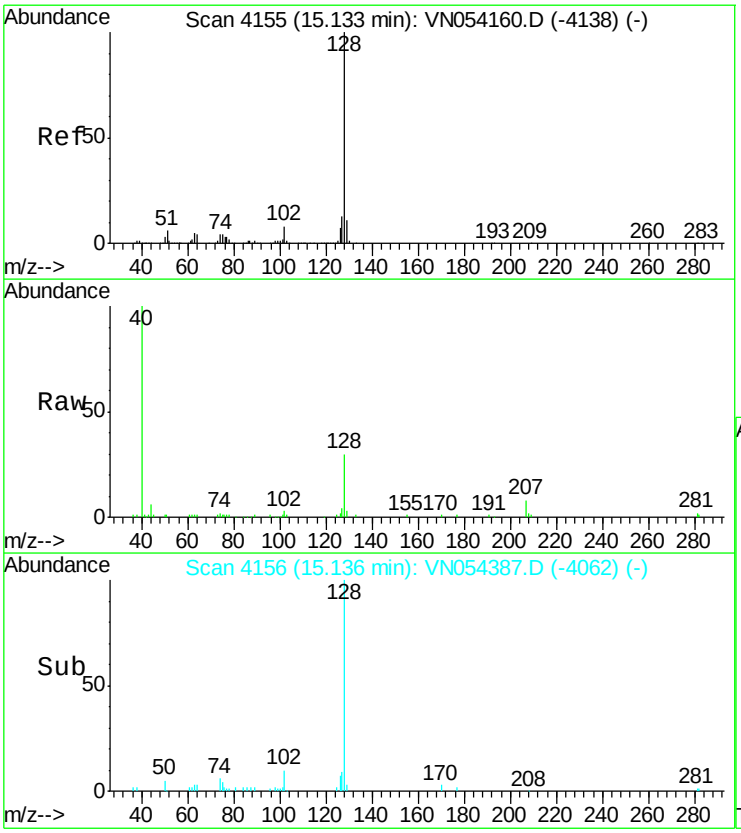
#93
1,2,4-Trichlorobenzene
Concen: 2.523 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:180 Resp: 116

Ion	Ratio	Lower	Upper
180	100		
182	294.8	48.0	144.2#
145	1711.2	14.2	42.8#





#95
Naphthalene
Concen: 4.004 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN054387.D
Acq: 18 Mar 2019 12:10

Tgt Ion:128 Resp: 20166

Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.1	15.1
129	10.8	8.7	13.1