Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031619\
Data File : VN054374.D
Acq On : 17 Mar 2019 9:12
Operator : JC/SP
Sample : K1691-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : CL-01-031519-E

Quant Time: Mar 18 05:10:11 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	7.67	168	1829904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2636436	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2227833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	851718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	899240	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.54%			
35) Dibromofluoromethane	7.59	113	802110	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.34%			
50) Toluene-d8	10.09	98	3021156	48.11	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.22%			
62) 4-Bromofluorobenzene	12.40	95	918539	41.80	ug/l	0.00
Spiked Amount 50.000			Recovery = 83.60%			
Target Compounds						Qvalue
13) Acrolein	3.62	56	672	0.532	ug/l	94
14) Allyl chloride	4.55	41	106667	4.373	ug/l #	21
16) Acetone	3.82	43	31667	5.691	ug/l	91
18) Methyl Acetate	4.34	43	6705	0.596	ug/l #	76
20) Methylene Chloride	4.55	84	3560738	194.889	ug/l	99
29) Tetrahydrofuran	7.22	42	1932	0.460	ug/l #	74
31) Cyclohexane	7.66	56	29432	Below Cal	#	1
36) 1,1-Dichloropropene	7.66	75	109837	4.524	ug/l #	48
38) Carbon Tetrachloride	7.66	117	149744	5.881	ug/l #	16
43) Isopropyl Acetate	8.17	43	27543	1.125	ug/l	97
48) Methyl methacrylate	9.18	41	15123	1.217	ug/l #	11
49) 1,4-Dioxane	9.27	88	246	1.400	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	15049	1.161	ug/l #	36
52) Toluene	10.16	92	15012	0.341	ug/l	94
53) t-1,3-Dichloropropene	10.27	75	69	1.988	ug/l #	1
54) cis-1,3-Dichloropropene	9.90	75	134269	4.931	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	25840	0.982	ug/l #	43
59) 2-Hexanone	10.77	43	341389	39.592	ug/l #	50
68) m/p-Xylenes	11.62	106	12416	0.392	ug/l	99
71) Bromoform	12.40	173	6121	2.781	ug/l #	1
74) N-amyl acetate	11.88	43	34933	2.310	ug/l #	53
76) 1,2,3-Trichloropropane	12.40	75	442676	35.344	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	29173	0.515	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	442676	120.820	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.04	105	54193	0.975	ug/l	100
90) Hexachloroethane	13.89	117	3693	0.376	ug/l #	2
95) Naphthalene	15.13	128	53645	4.806	ug/l	99

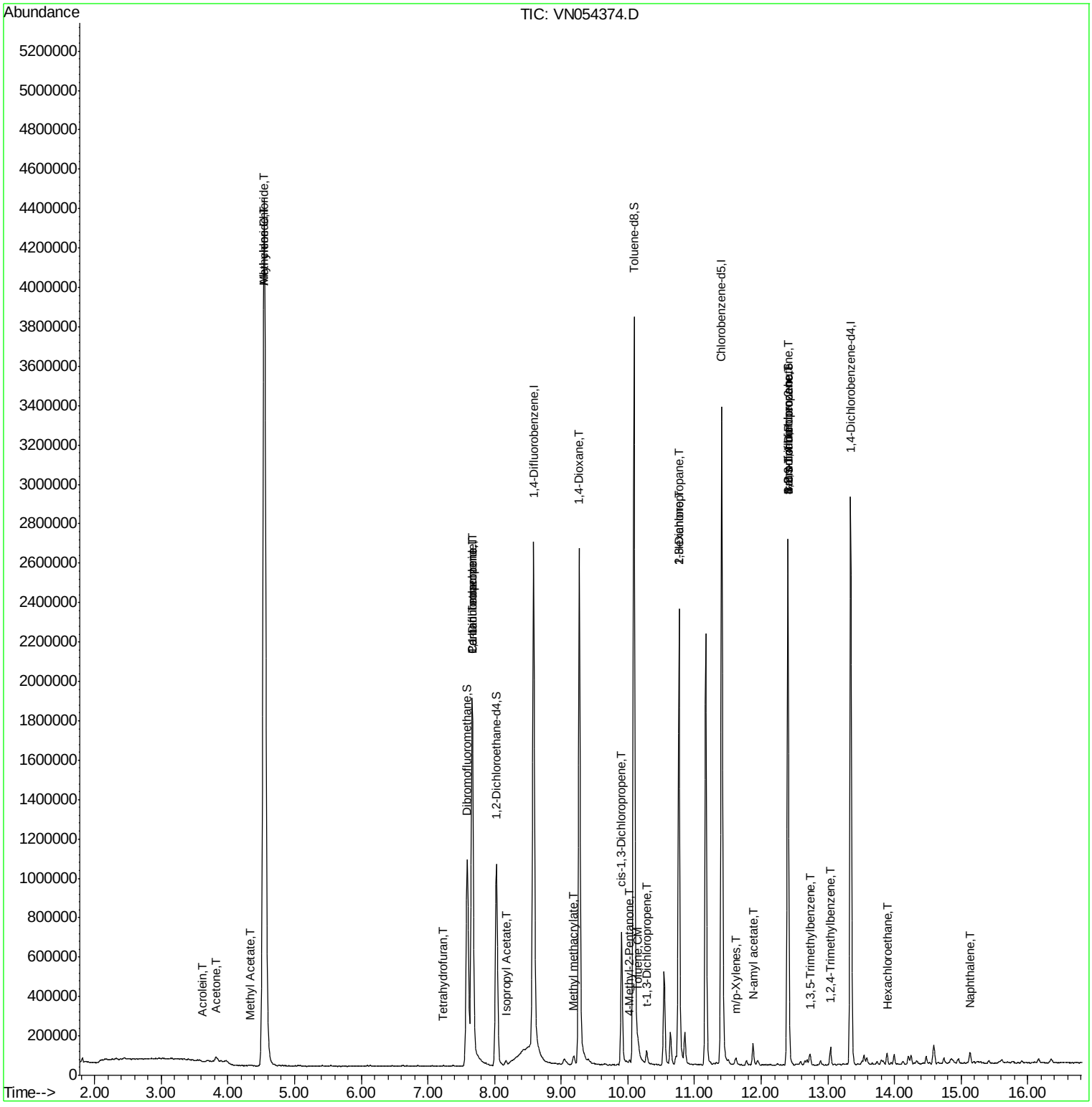
(#) = qualifier out of range (m) = manual integration (+) = signals summed

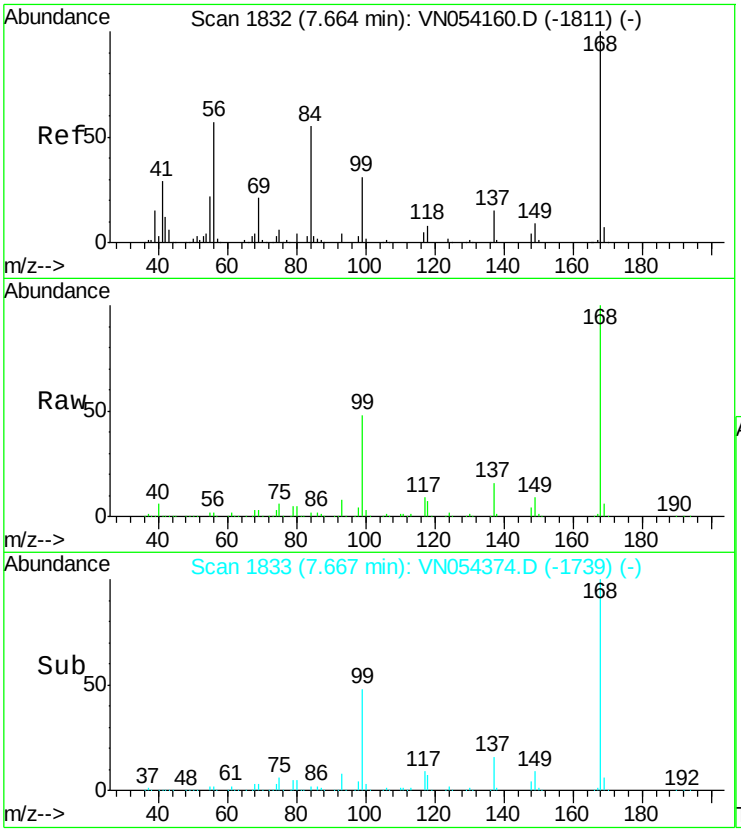
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031619\
Data File : VN054374.D
Acq On : 17 Mar 2019 9:12
Operator : JC/SP
Sample : K1691-18
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : CL-01-031519-E

Quant Time: Mar 18 05:10:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 2019
Response via : Initial Calibration



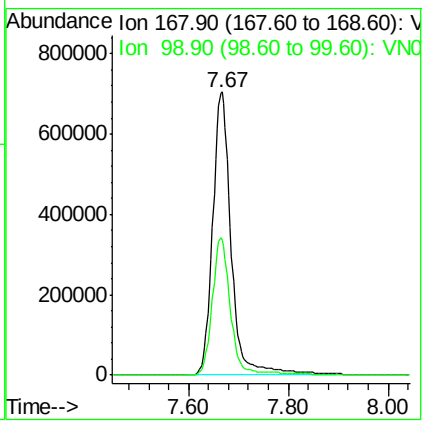


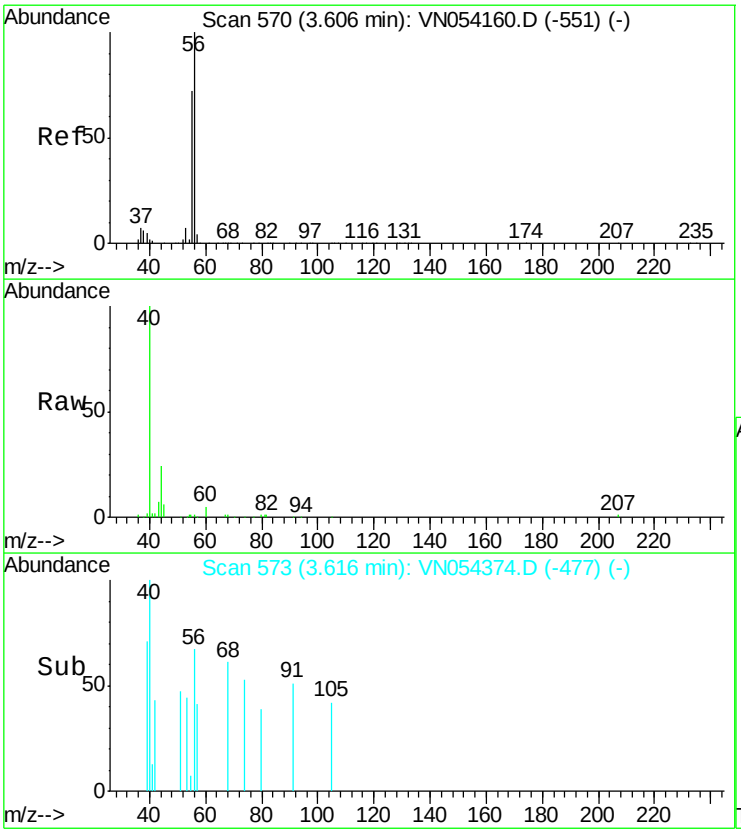
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion:168 Resp: 1829904

Ion	Ratio	Lower	Upper
168	100		
99	47.8	37.1	55.7

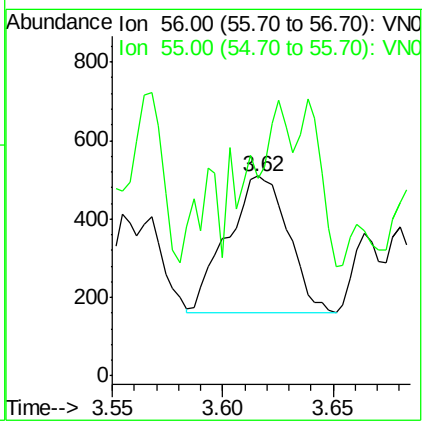


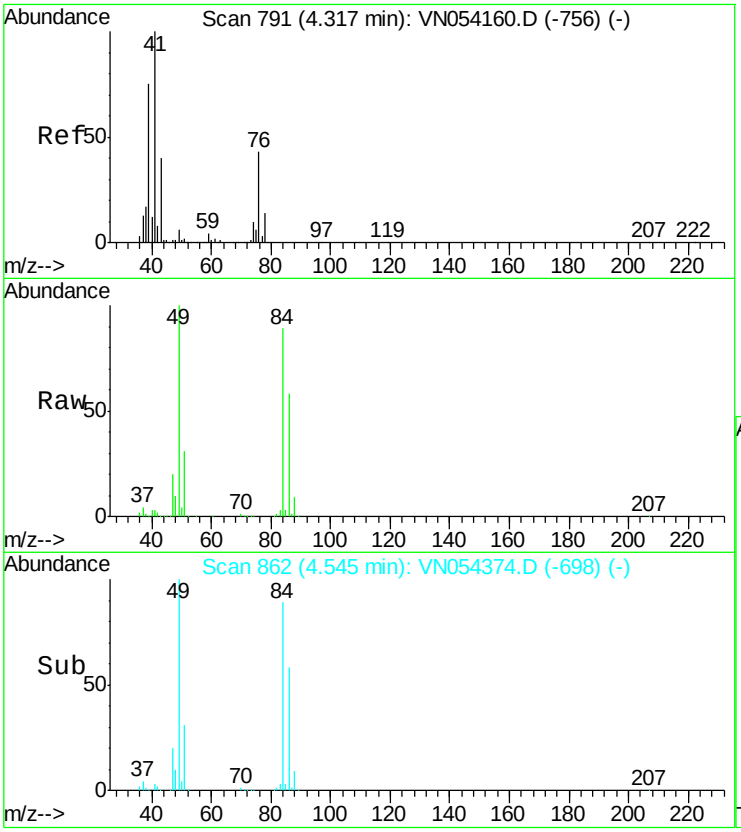


#13
Acrolein
Concen: 0.532 ug/l
RT: 3.62 min Scan# 573
Delta R.T. 0.01 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 56 Resp: 672

Ion	Ratio	Lower	Upper
56	100		
55	75.6	56.7	85.1



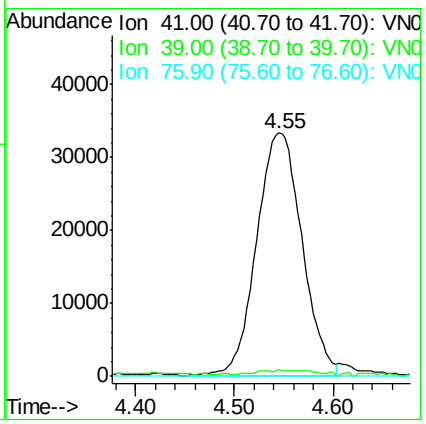


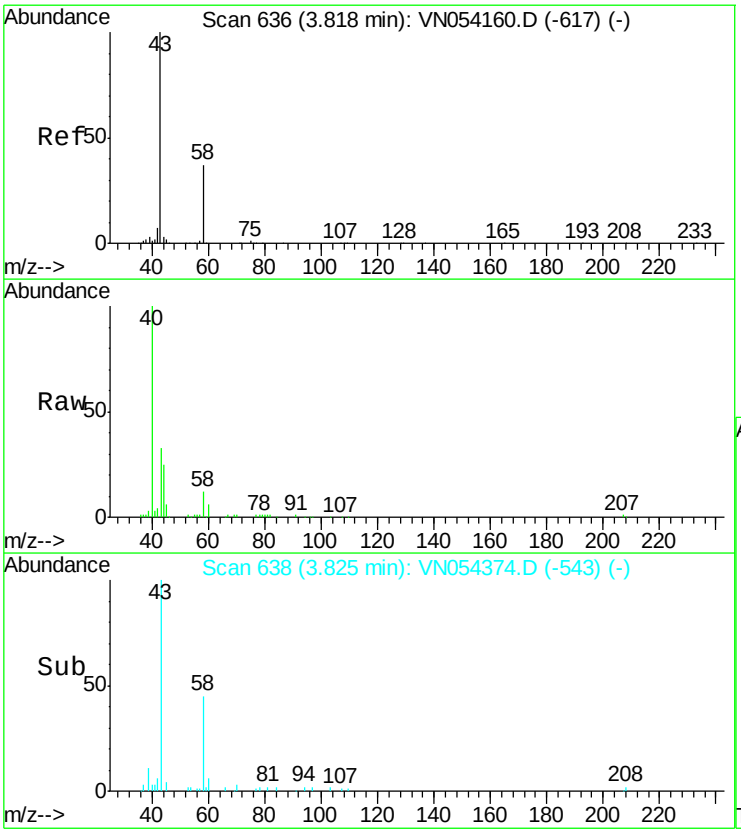
#14
Allyl chloride
Concen: 4.373 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.23 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument : MSVOA_N
ClientSampleId : CL-01-031519-E

Tgt Ion: 41 Resp: 106667

Ion	Ratio	Lower	Upper
41	100		
39	0.2	58.2	87.4#
76	0.0	31.7	47.5#

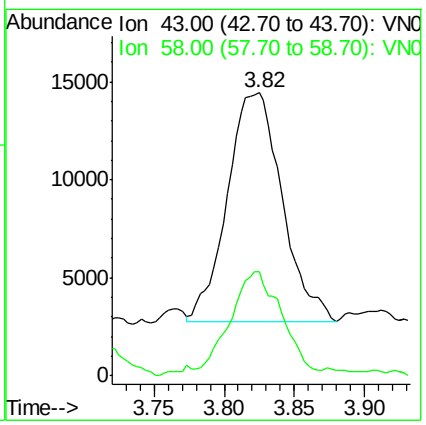


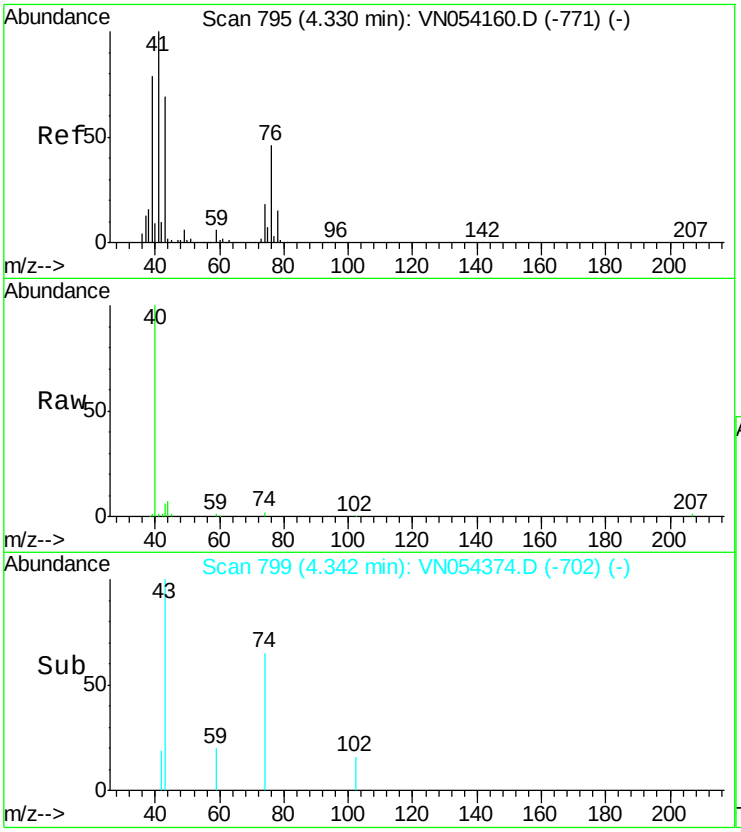


#16
Acetone
Concen: 5.691 ug/l
RT: 3.82 min Scan# 638
Delta R.T. 0.01 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 43 Resp: 31667

Ion	Ratio	Lower	Upper
43	100		
58	42.9	29.9	44.9



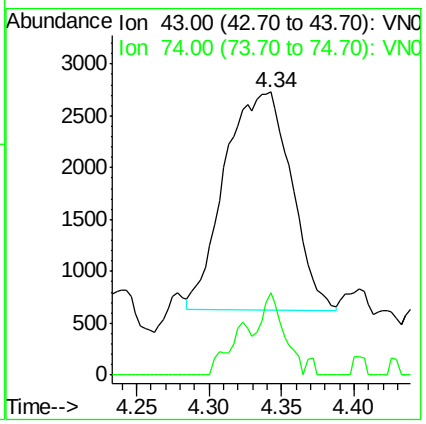


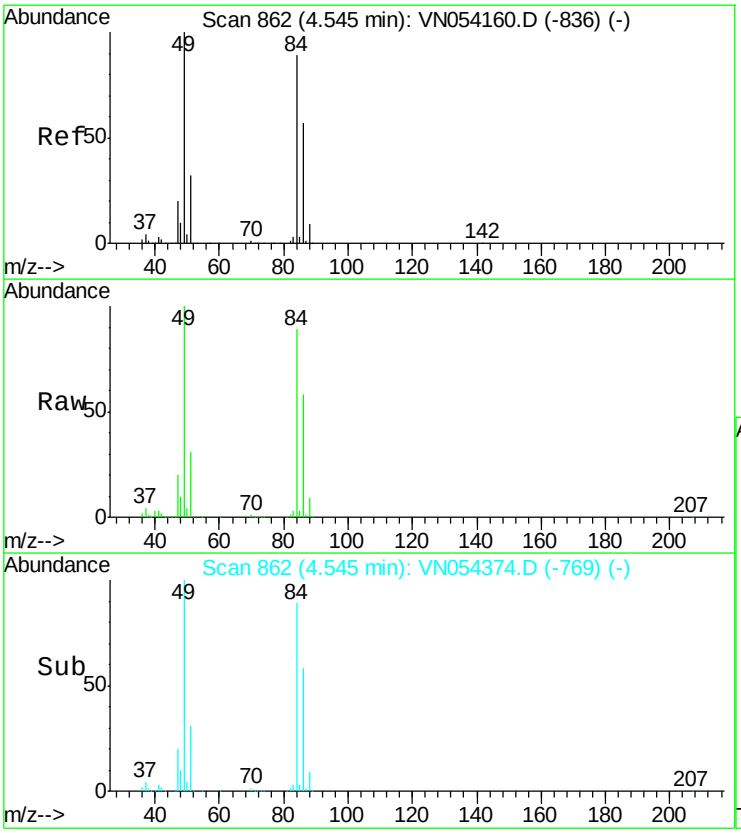
#18
Methyl Acetate
Concen: 0.596 ug/l
RT: 4.34 min Scan# 799
Delta R.T. 0.01 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion: 43 Resp: 6705

Ion	Ratio	Lower	Upper
43	100		
74	13.5	20.8	31.2#

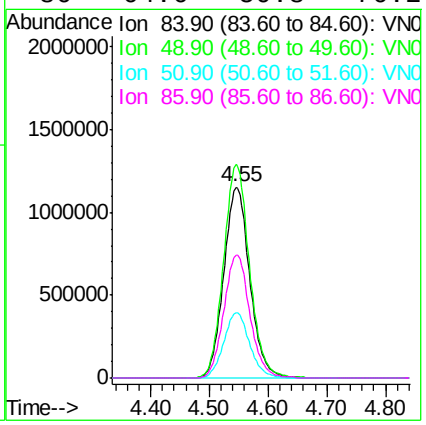


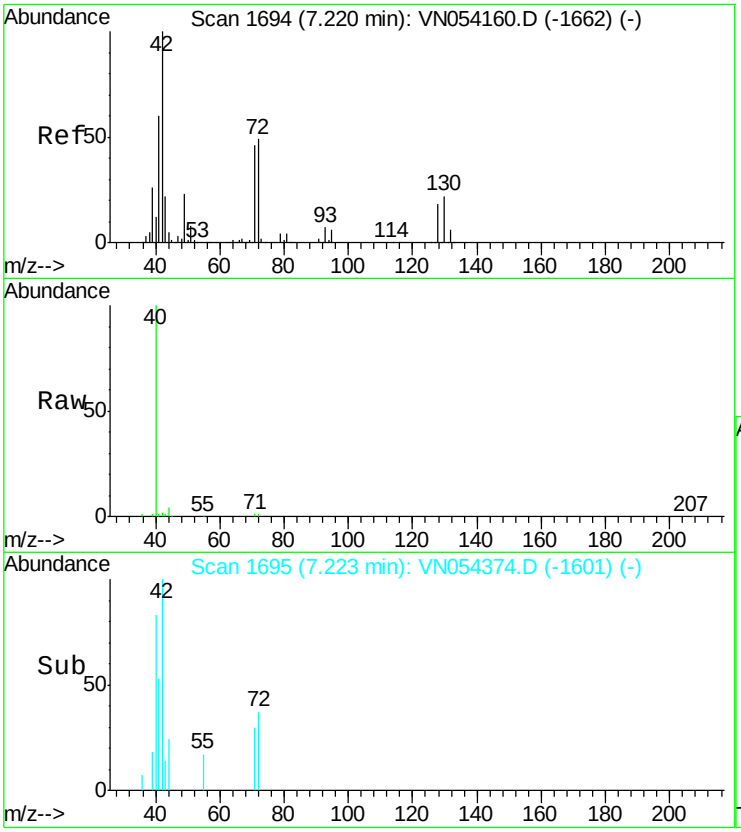


#20
Methylene Chloride
Concen: 194.889 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 84 Resp: 3560738

Ion	Ratio	Lower	Upper
84	100		
49	112.0	89.7	134.5
51	34.3	28.2	42.4
86	64.6	50.8	76.2



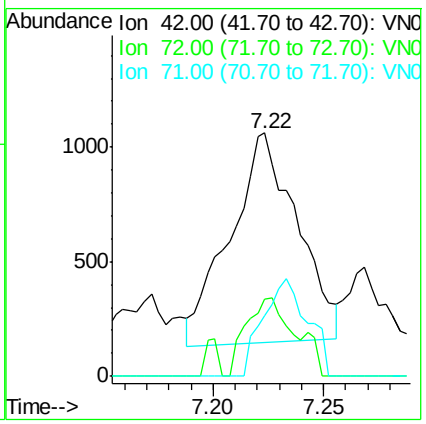


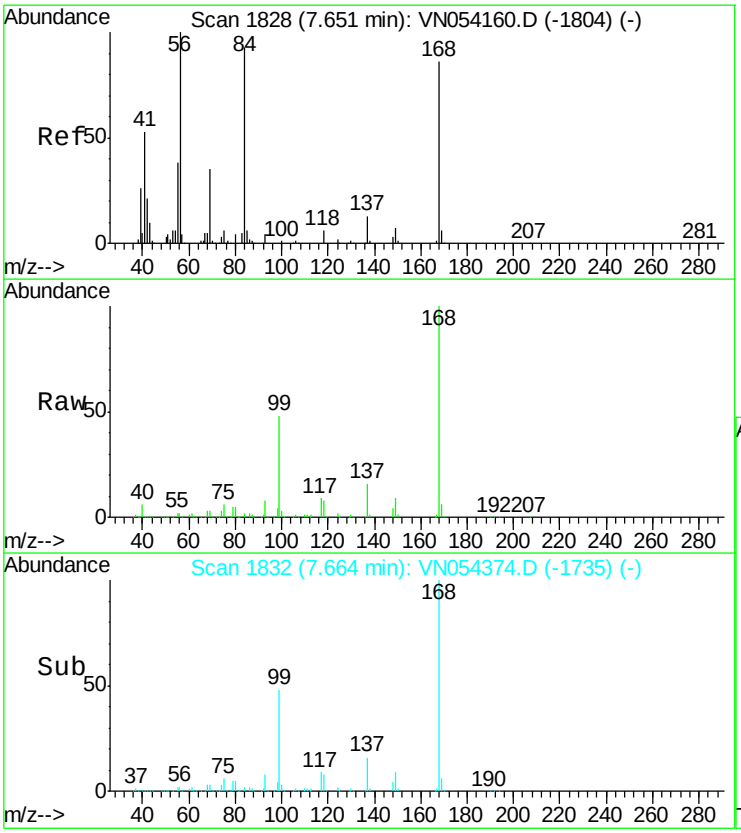
#29
Tetrahydrofuran
Concen: 0.460 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion: 42 Resp: 1932

Ion	Ratio	Lower	Upper
42	100		
72	27.7	37.8	56.6#
71	30.7	36.2	54.2#

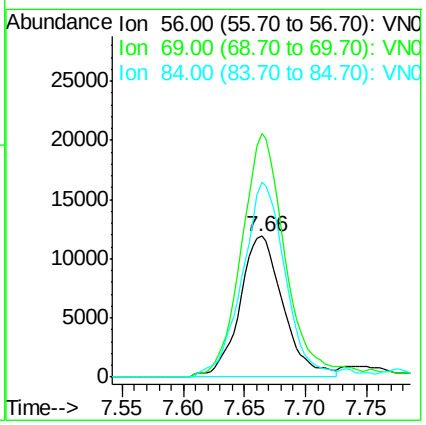


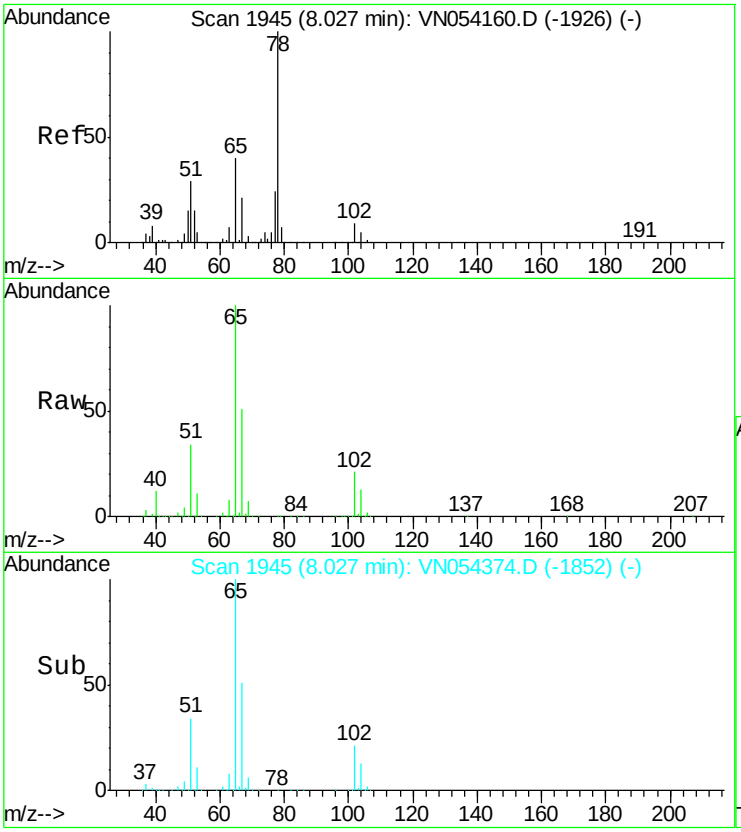


#31
Cyclohexane
Concen: Below Cal
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 56 Resp: 29432

Ion	Ratio	Lower	Upper
56	100		
69	172.7	27.8	41.6#
84	138.3	74.6	111.8#



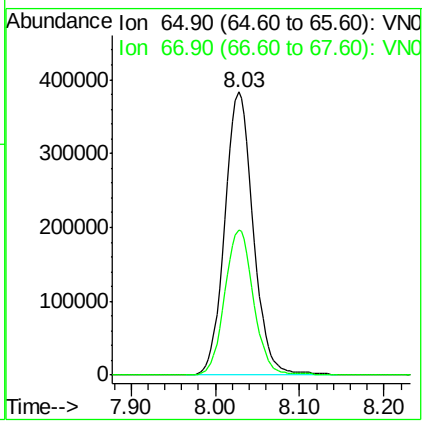


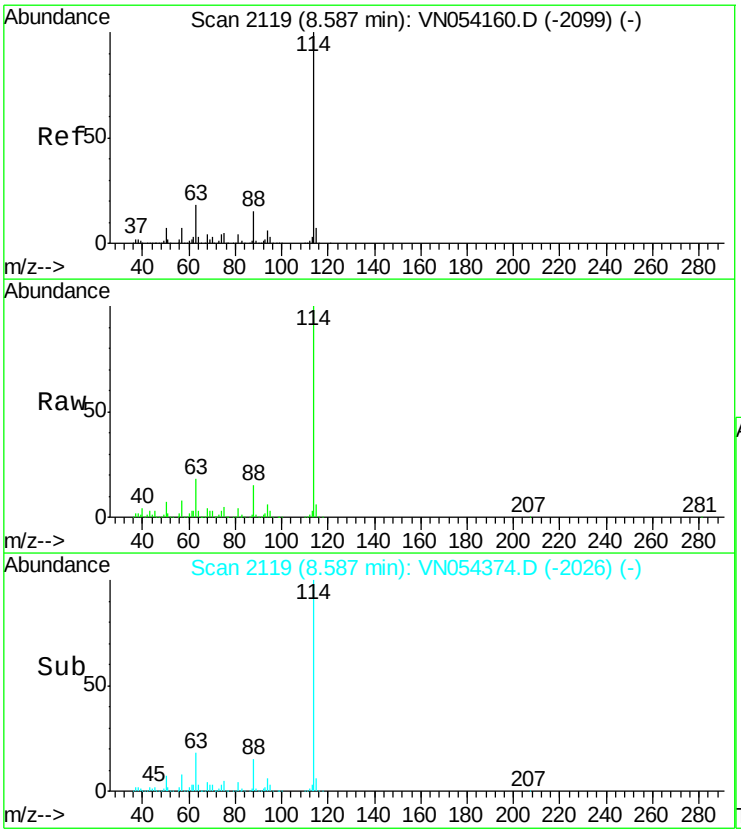
#33
1,2-Dichloroethane-d4
Concen: 46.272 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion: 65 Resp: 899240

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	104.6

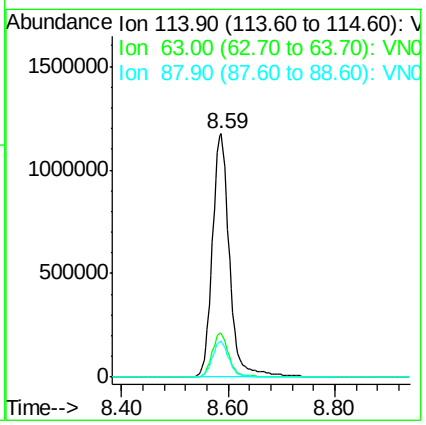


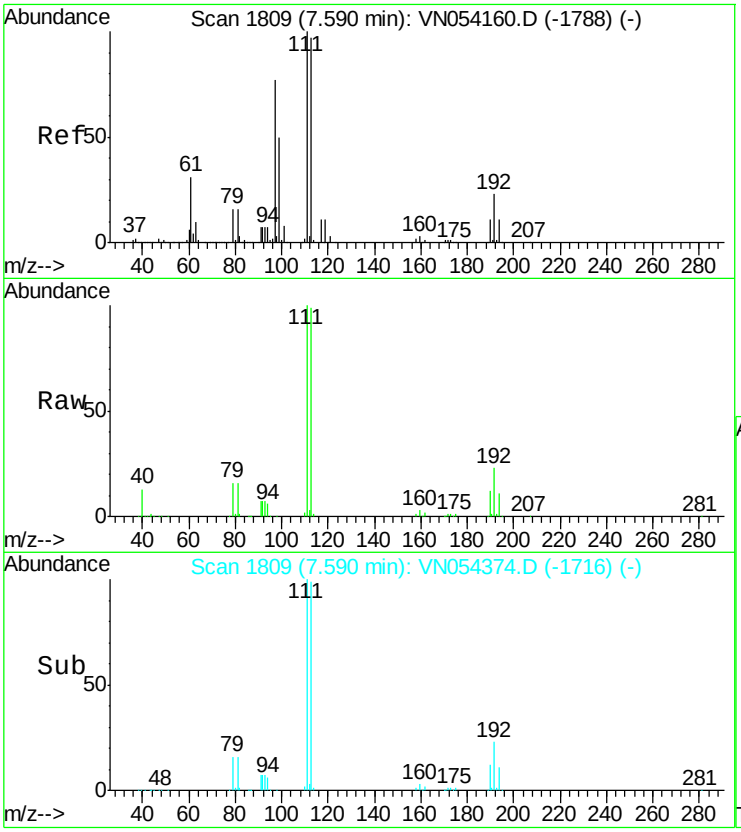


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion:114 Resp: 2636436

Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.2
88	14.8	0.0	30.2



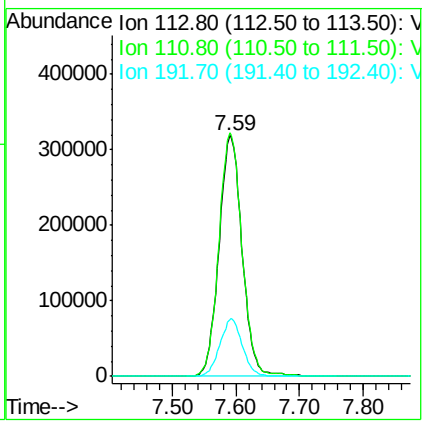


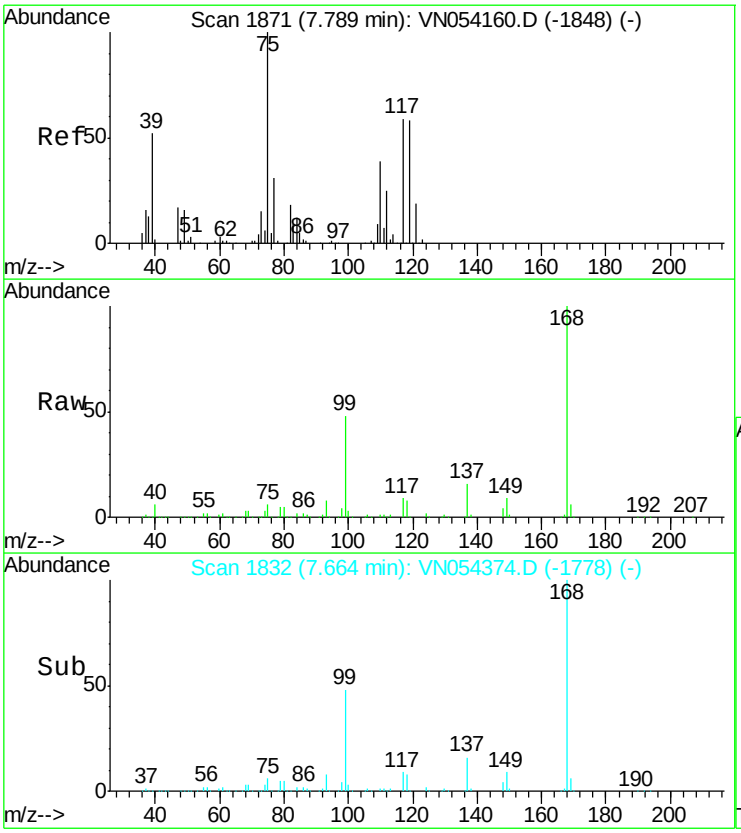
#35
Dibromofluoromethane
Concen: 47.172 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion:113 Resp: 802110

Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	23.3	19.2	28.8

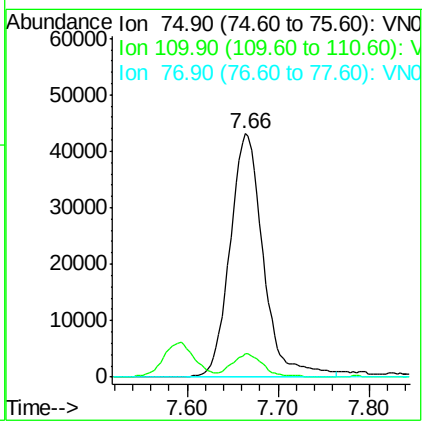


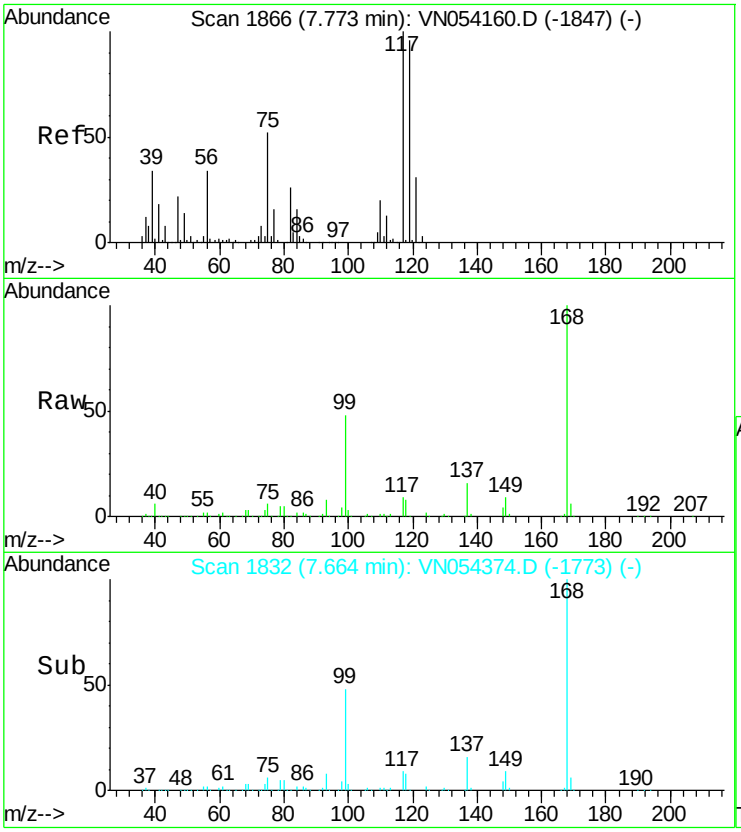


#36
1,1-Dichloropropene
Concen: 4.524 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.13 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 75 Resp: 109837

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



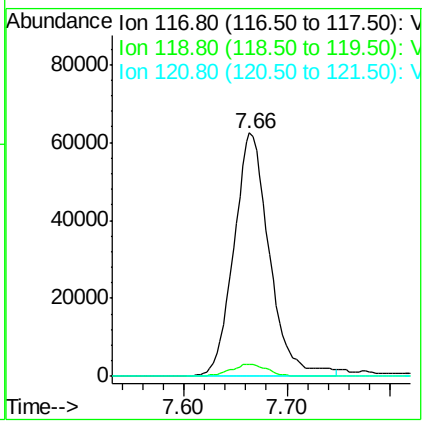


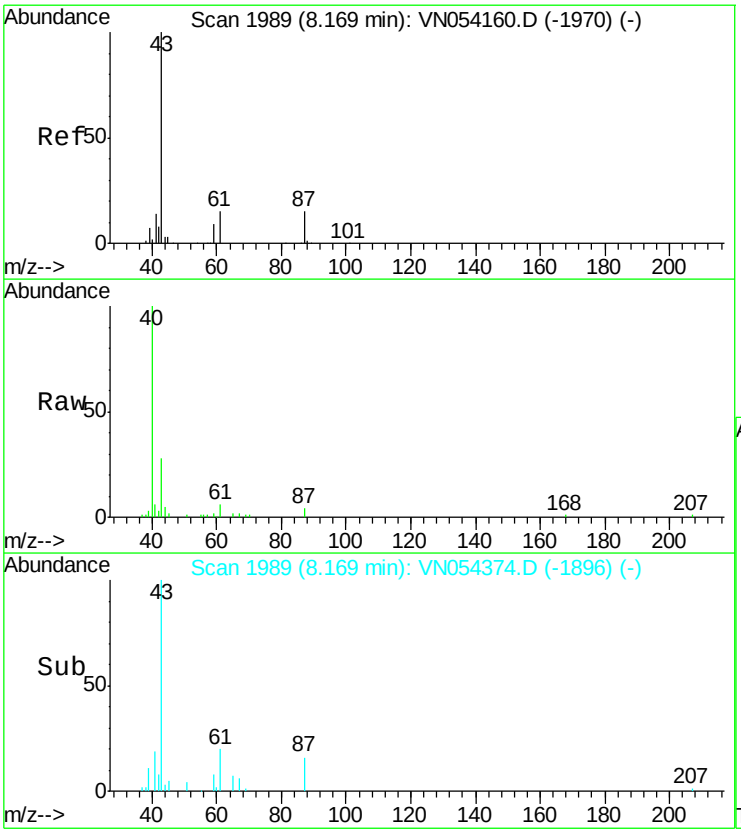
#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. -0.11 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion:117 Resp: 149744

Ion	Ratio	Lower	Upper
117	100		
119	5.2	76.3	114.5#
121	0.0	24.6	36.8#

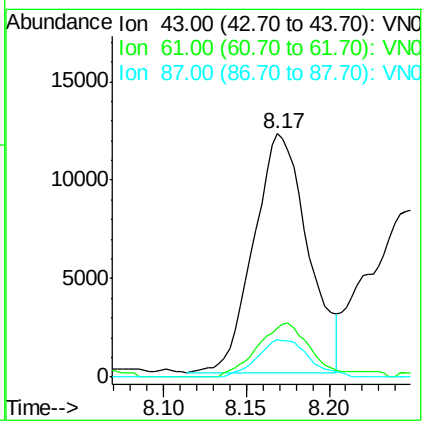


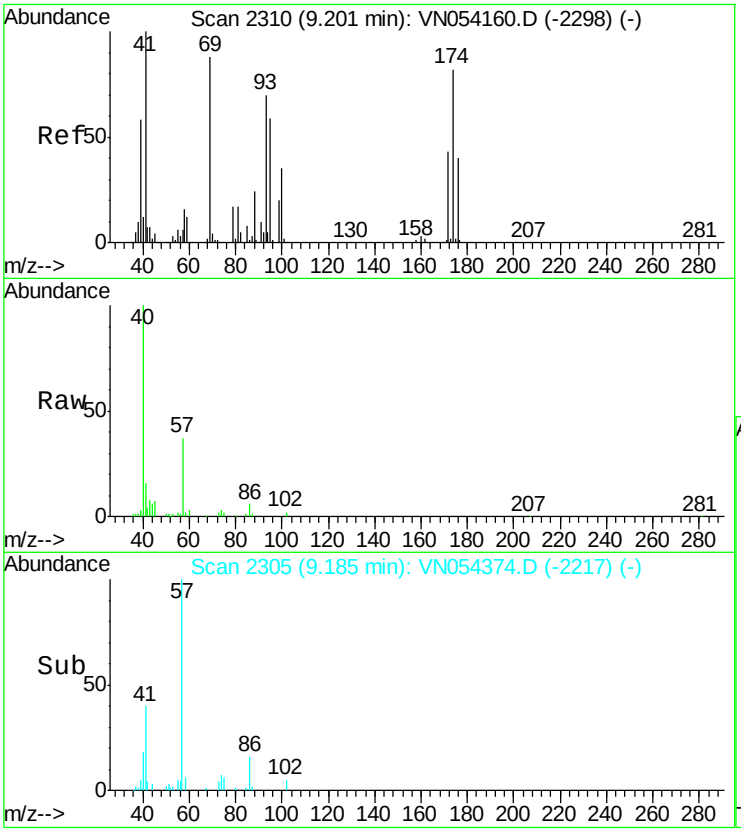


#43
Isopropyl Acetate
Concen: 1.125 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 43 Resp: 27543

Ion	Ratio	Lower	Upper
43	100		
61	21.9	15.8	23.8
87	14.9	12.0	18.0



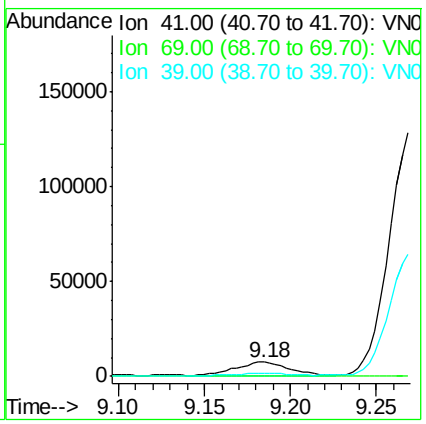


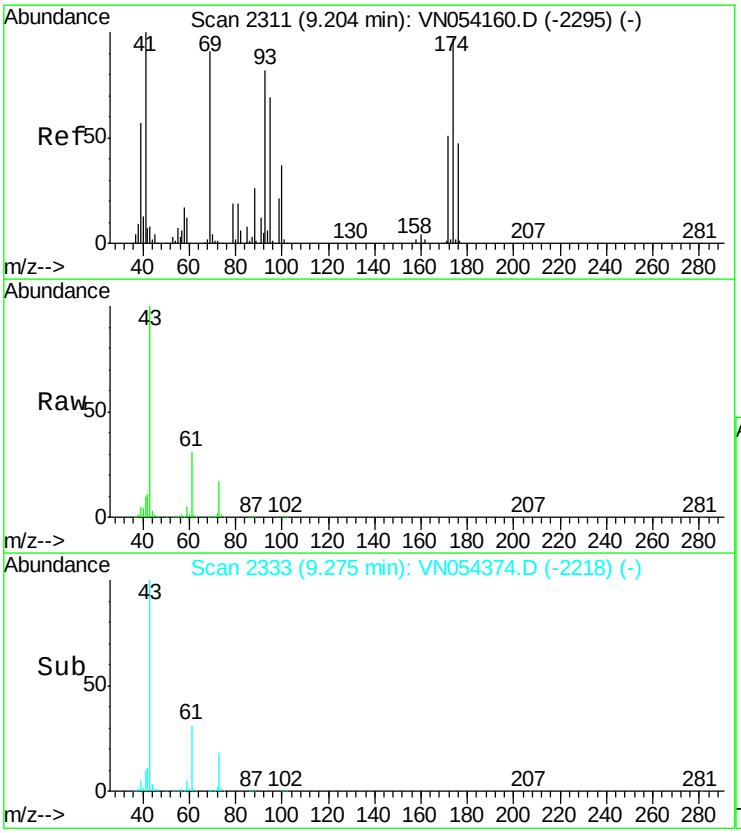
#48
Methyl methacrylate
Concen: 1.217 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument : MSVOA_N
ClientSampleId : CL-01-031519-E

Tgt Ion: 41 Resp: 15123

Ion	Ratio	Lower	Upper
41	100		
69	0.0	72.6	108.8#
39	0.0	47.5	71.3#

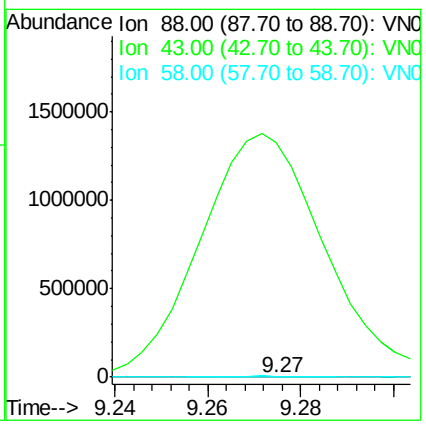


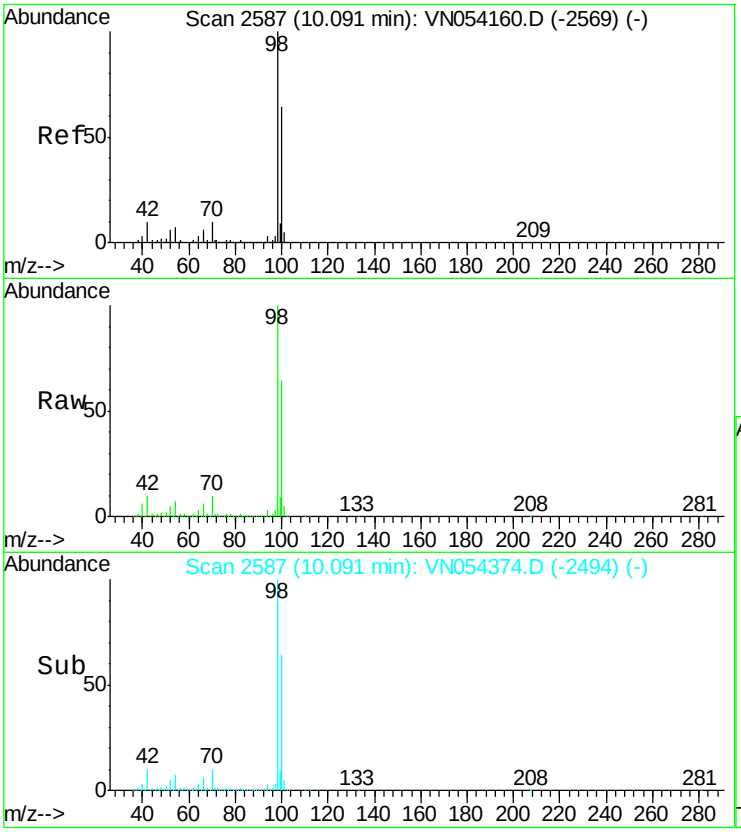


#49
1,4-Dioxane
Concen: 1.400 ug/l
RT: 9.27 min Scan# 2333
Delta R.T. 0.07 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 88 Resp: 246

Ion	Ratio	Lower	Upper
88	100		
43	1113227.6	24.1	36.1#
58	5309.3	50.8	76.2#



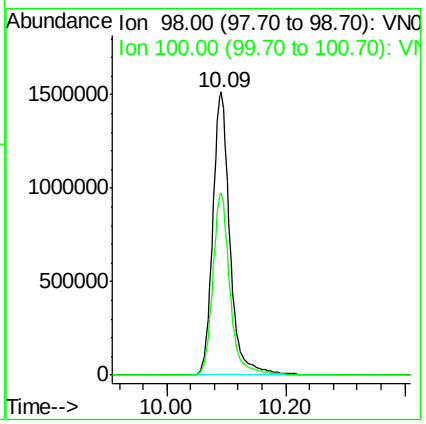


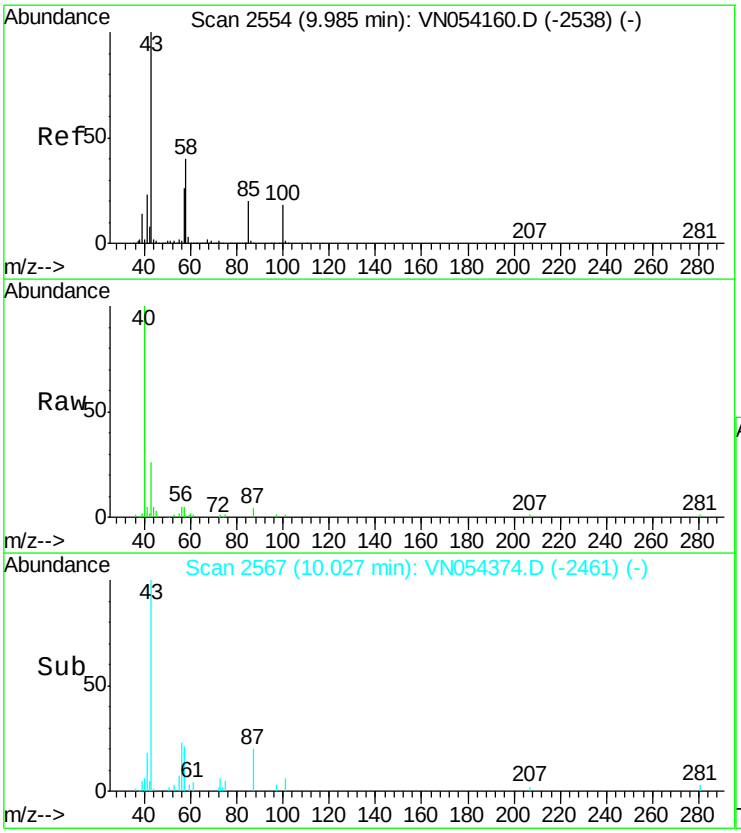
#50
Toluene-d8
Concen: 48.109 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion: 98 Resp: 3021156

Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8

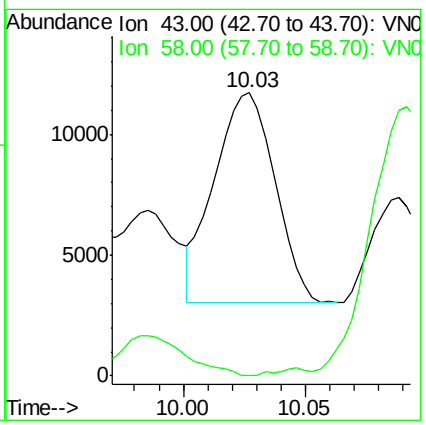


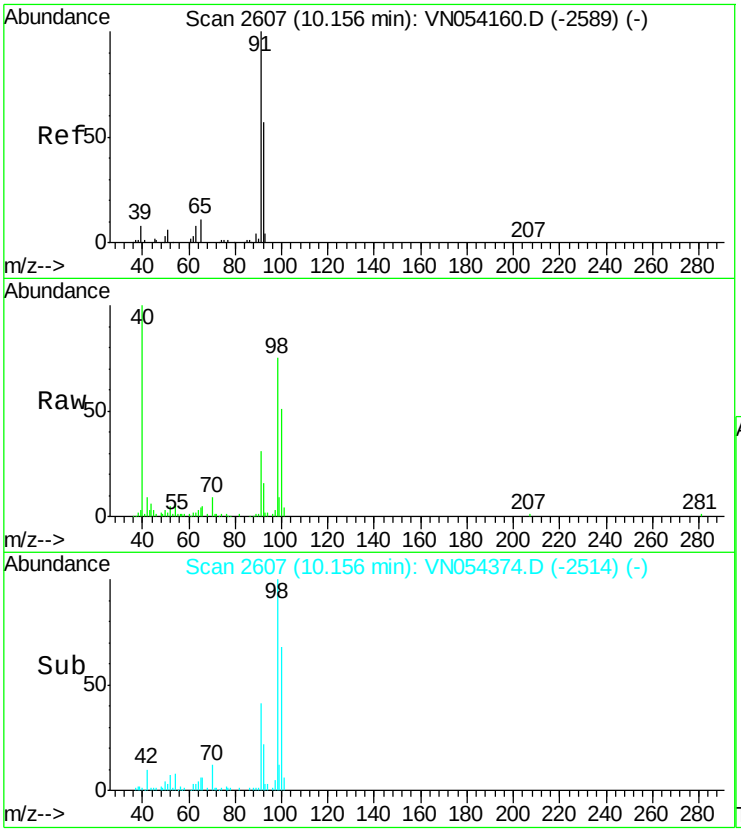


#51
4-Methyl-2-Pentanone
Concen: 1.161 ug/l
RT: 10.03 min Scan# 2567
Delta R.T. 0.04 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 43 Resp: 15049

Ion	Ratio	Lower	Upper
43	100		
58	0.0	31.8	47.6#



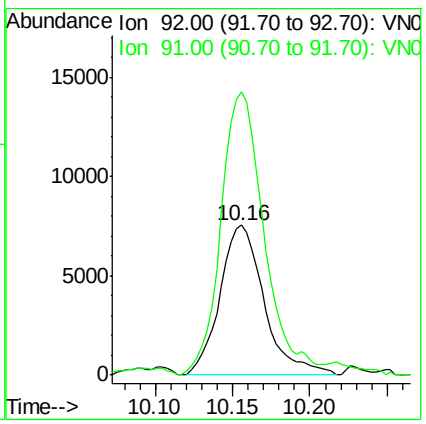


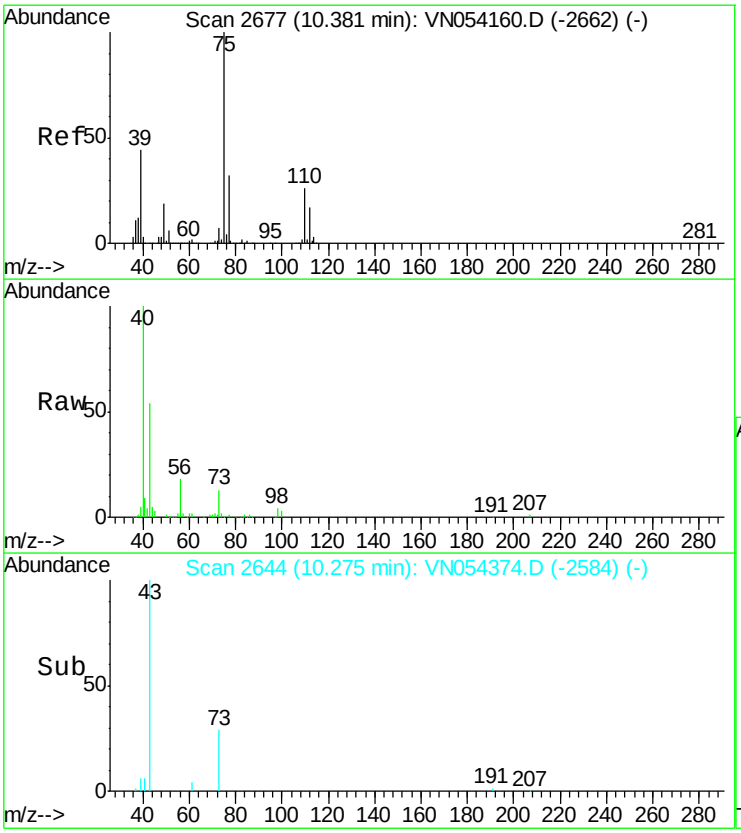
#52
Toluene
Concen: 0.341 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion: 92 Resp: 15012

Ion	Ratio	Lower	Upper
92	100		
91	183.8	140.7	211.1

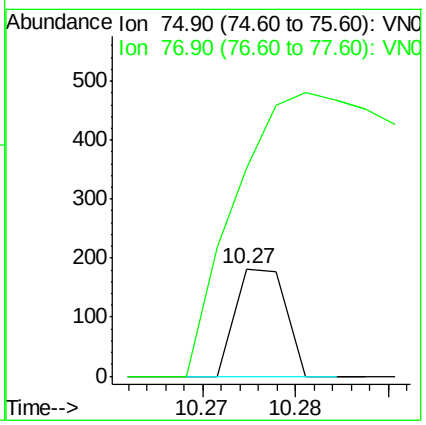


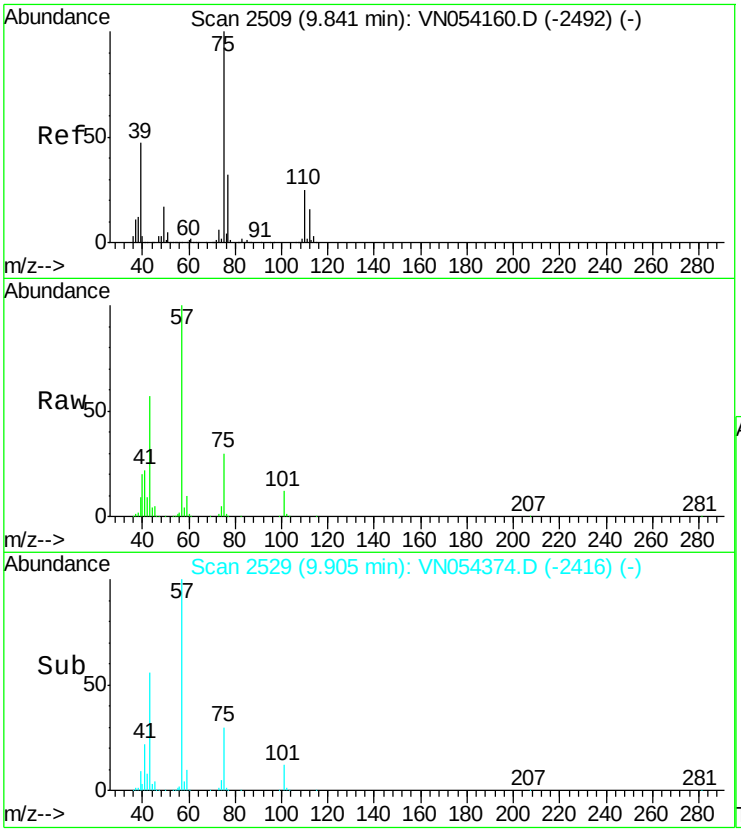


#53
t-1,3-Dichloropropene
Concen: 1.988 ug/l
RT: 10.27 min Scan# 2644
Delta R.T. -0.11 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 75 Resp: 69

Ion	Ratio	Lower	Upper
75	100		
77	194.0	25.8	38.8#



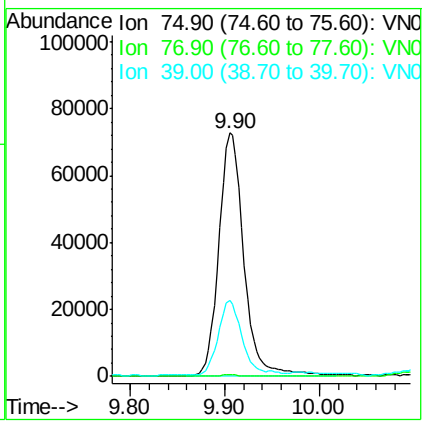


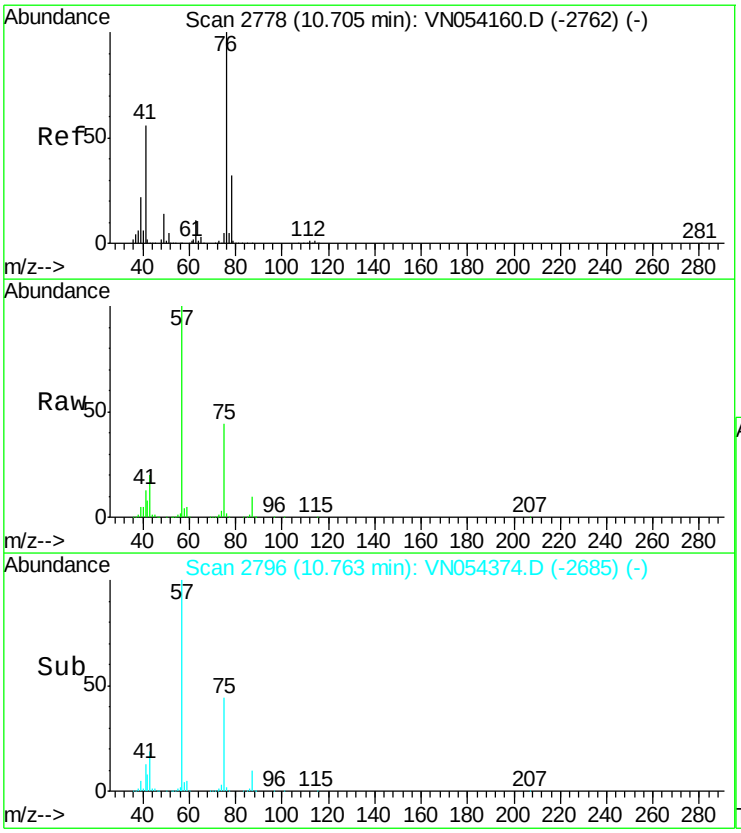
#54
cis-1,3-Dichloropropene
Concen: 4.931 ug/l
RT: 9.90 min Scan# 2529
Delta R.T. 0.06 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion: 75 Resp: 134269

Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.4	38.0#
39	30.7	37.2	55.8#

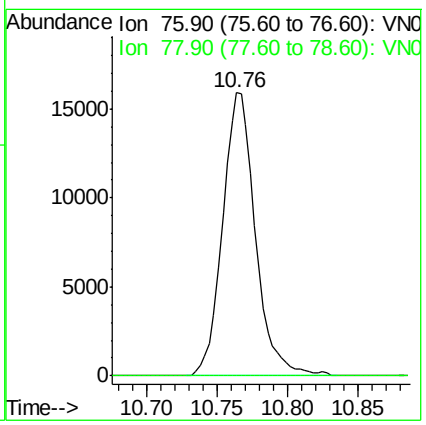


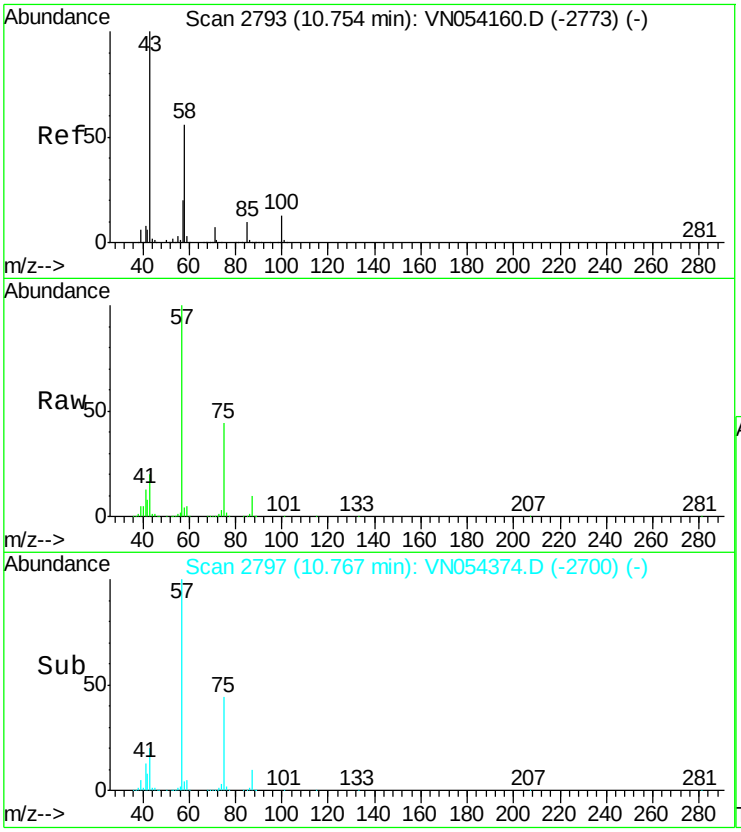


#57
1,3-Dichloropropane
Concen: 0.982 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.06 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 76 Resp: 25840

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.7	38.5#



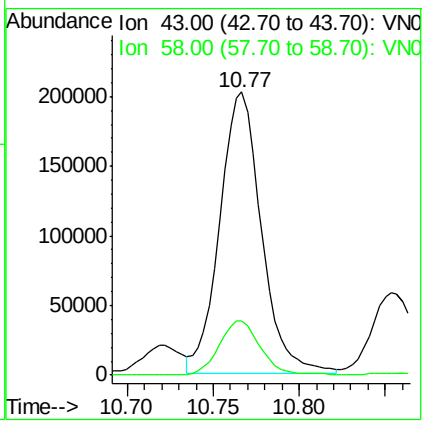


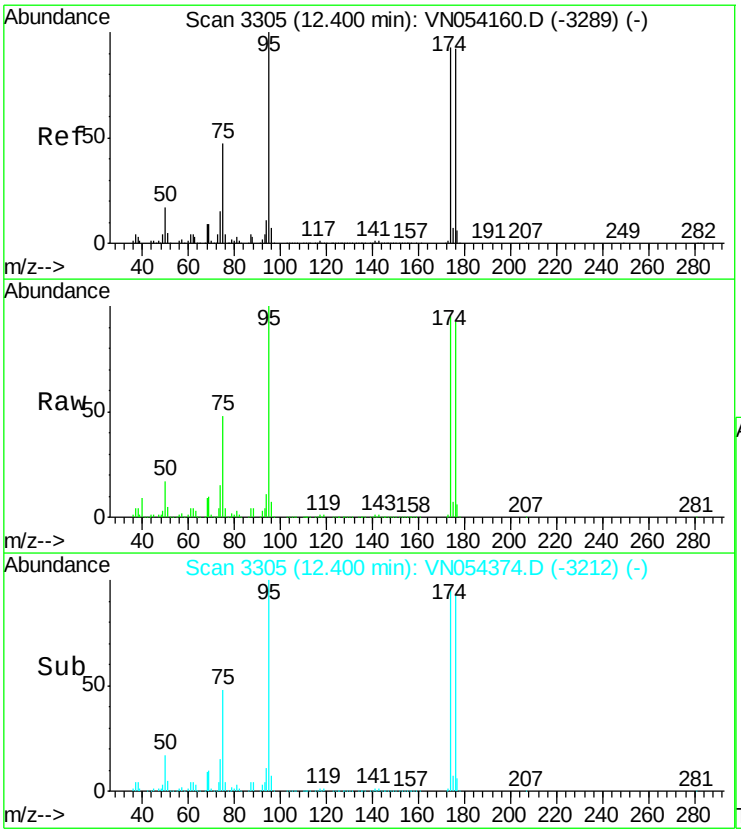
#59
2-Hexanone
Concen: 39.592 ug/l
RT: 10.77 min Scan# 2797
Delta R.T. 0.01 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument : MSVOA_N
ClientSampleId : CL-01-031519-E

Tgt Ion: 43 Resp: 341389

Ion	Ratio	Lower	Upper
43	100		
58	19.2	28.0	83.9#

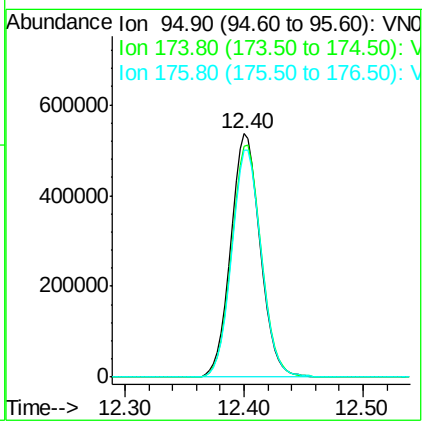


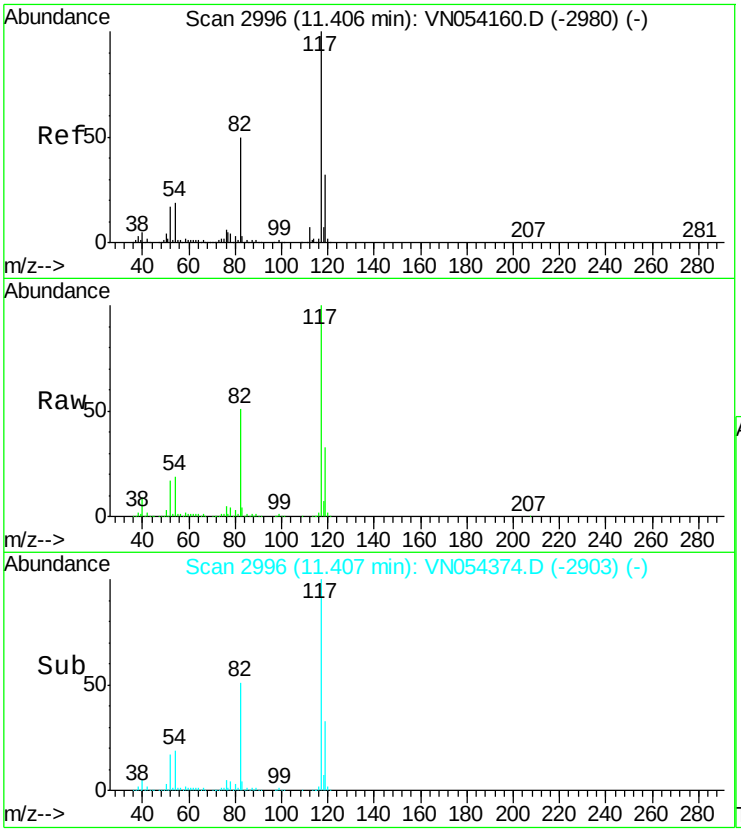


#62
4-Bromofluorobenzene
Concen: 41.803 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 95 Resp: 918539

Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	191.0
176	94.0	0.0	187.4



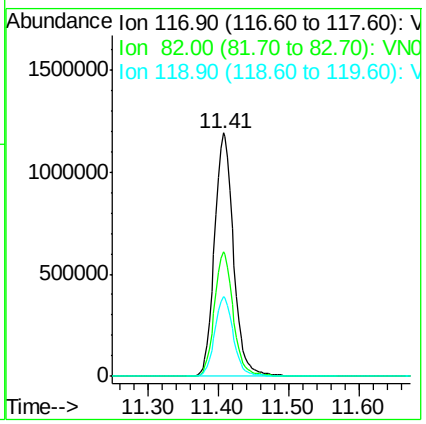


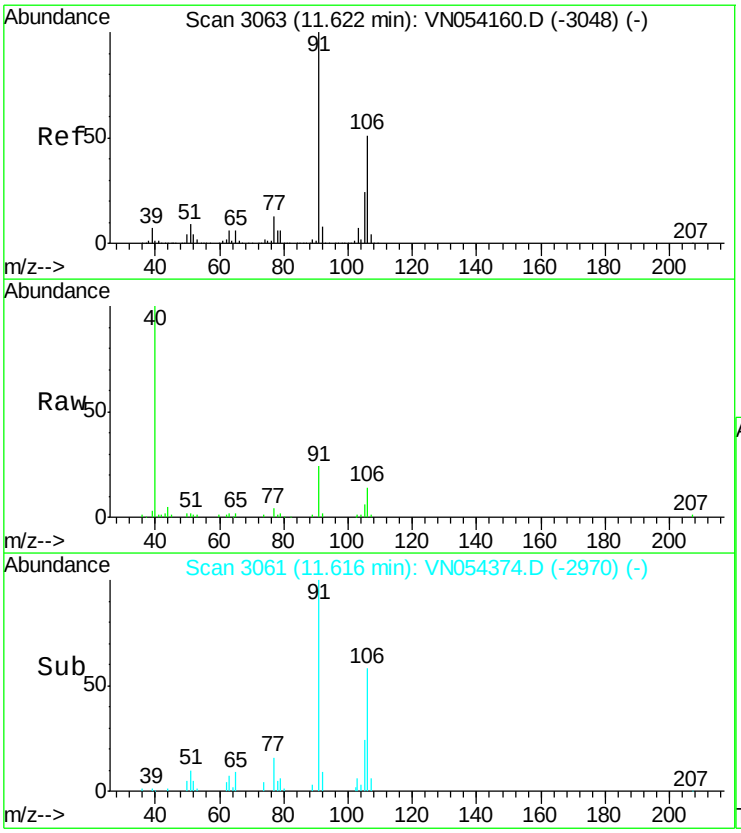
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument : MSVOA_N
ClientSampleId : CL-01-031519-E

Tgt Ion:117 Resp: 2227833

Ion	Ratio	Lower	Upper
117	100		
82	51.2	40.0	60.0
119	32.7	25.8	38.6

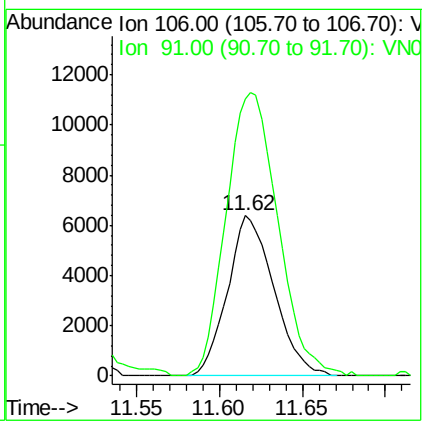


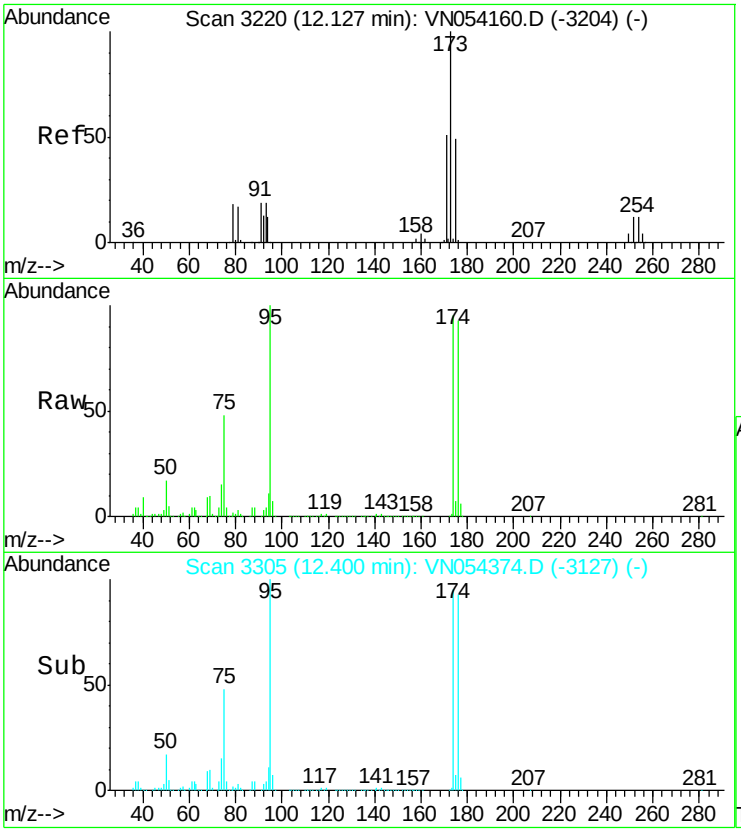


#68
m/p-Xylenes
Concen: 0.392 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion:106 Resp: 12416

Ion	Ratio	Lower	Upper
106	100		
91	197.3	159.4	239.2



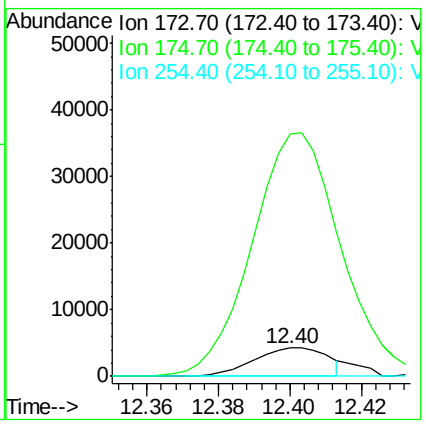


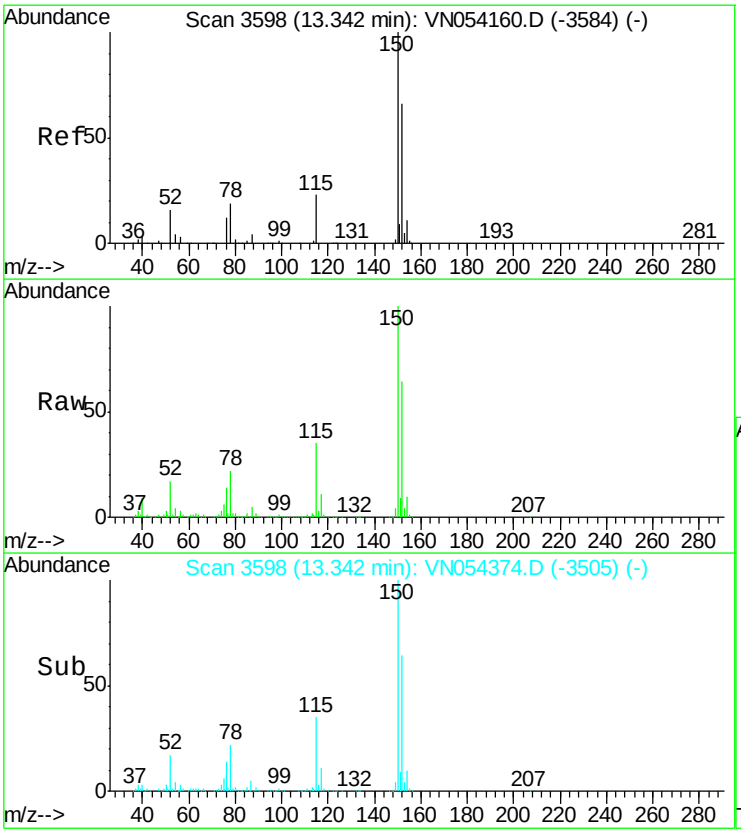
#71
Bromoform
Concen: 2.781 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion:173 Resp: 6121

Ion	Ratio	Lower	Upper
173	100		
175	881.6	24.4	73.2#
254	0.0	0.1	0.1#

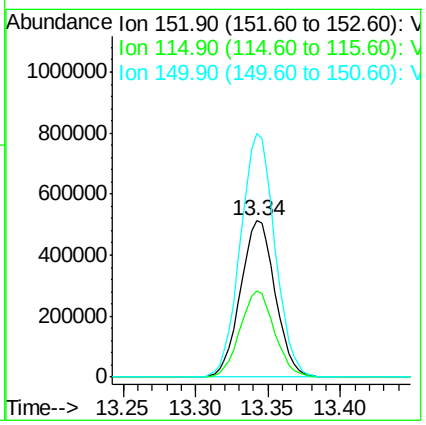


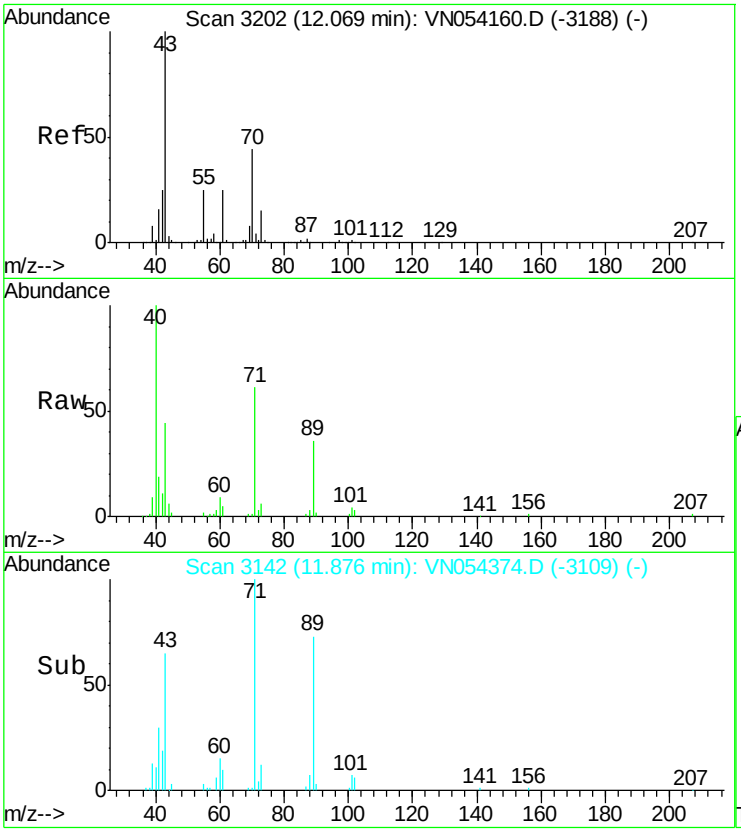


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion:152 Resp: 851718

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.2	81.6
150	155.7	0.0	349.2



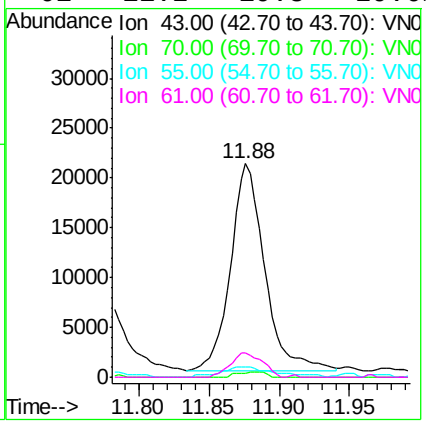


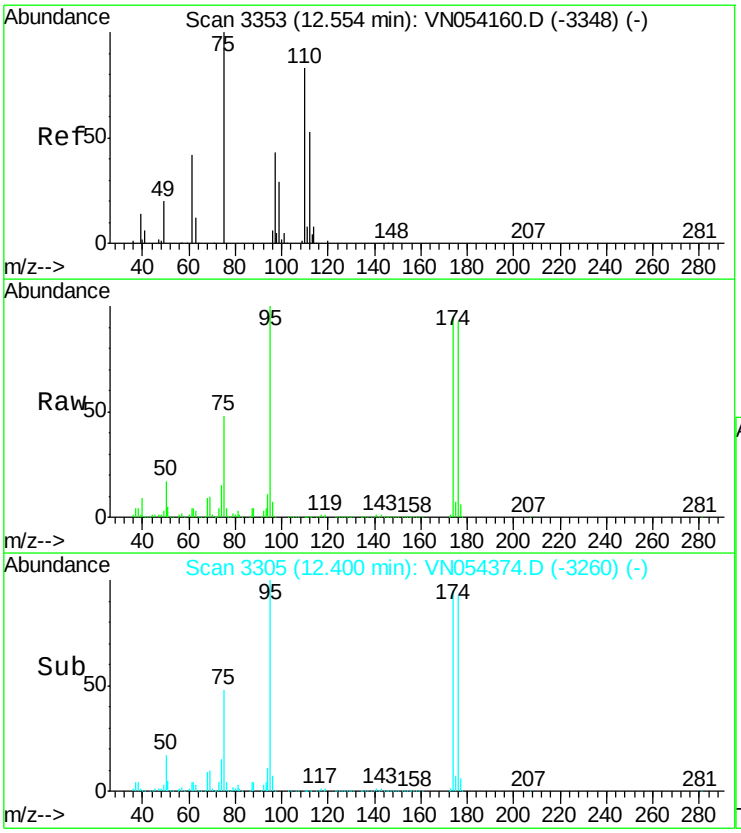
#74
N-amyl acetate
Concen: 2.310 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument : MSVOA_N
ClientSampleId : CL-01-031519-E

Tgt Ion: 43 Resp: 34933

Ion	Ratio	Lower	Upper
43	100		
70	2.1	35.4	53.0#
55	7.6	19.8	29.6#
61	11.2	19.8	29.6#

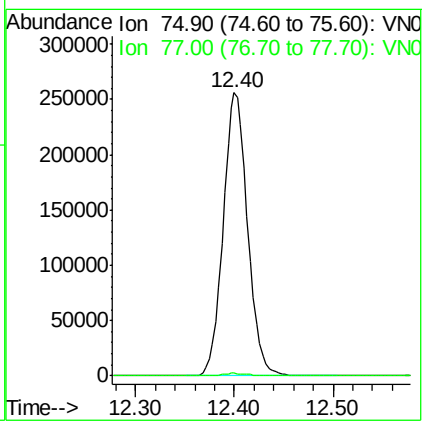


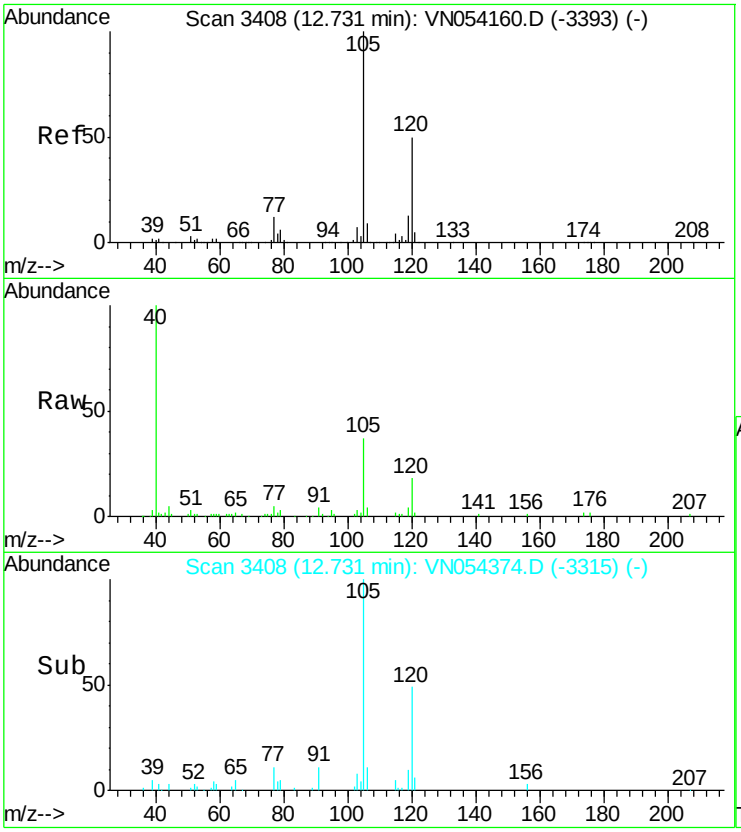


#76
1,2,3-Trichloropropane
Concen: 35.344 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.15 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 75 Resp: 442676

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#



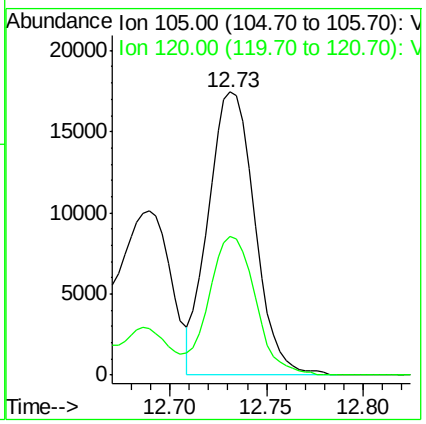


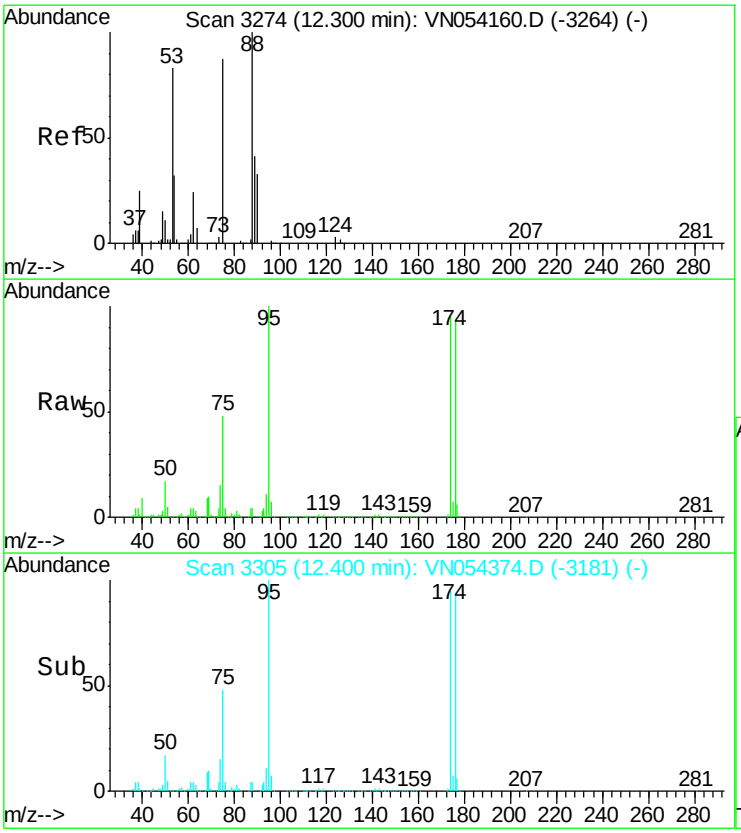
#80
1,3,5-Trimethylbenzene
Concen: 0.515 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion:105 Resp: 29173

Ion	Ratio	Lower	Upper
105	100		
120	49.5	25.0	75.0

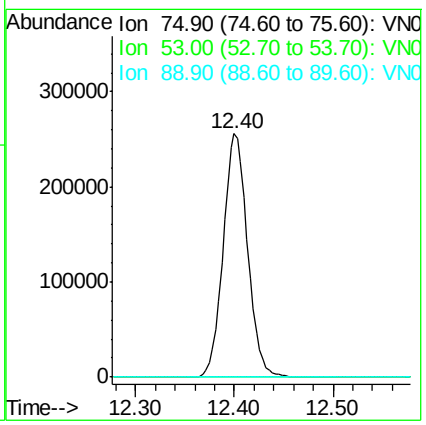


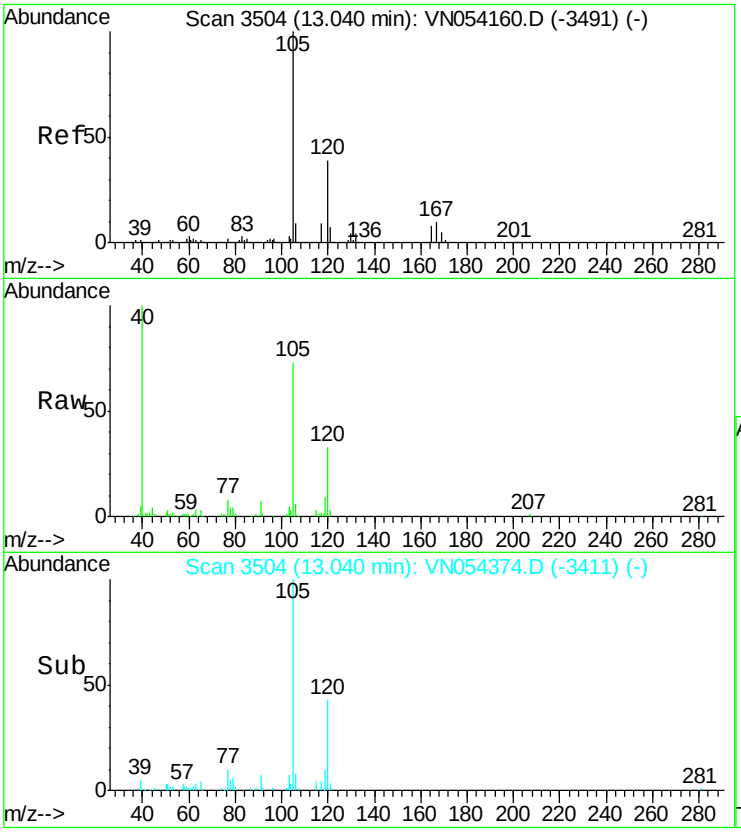


#81
trans-1,4-Dichloro-2-butene
Concen: 120.820 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion: 75 Resp: 442676

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



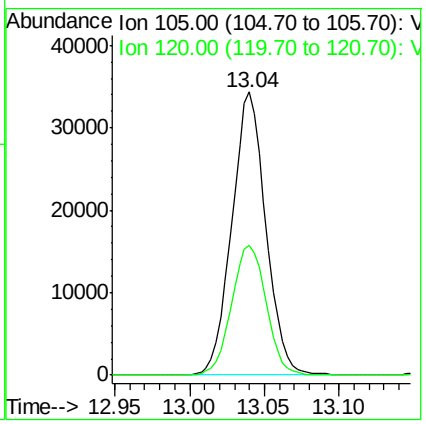


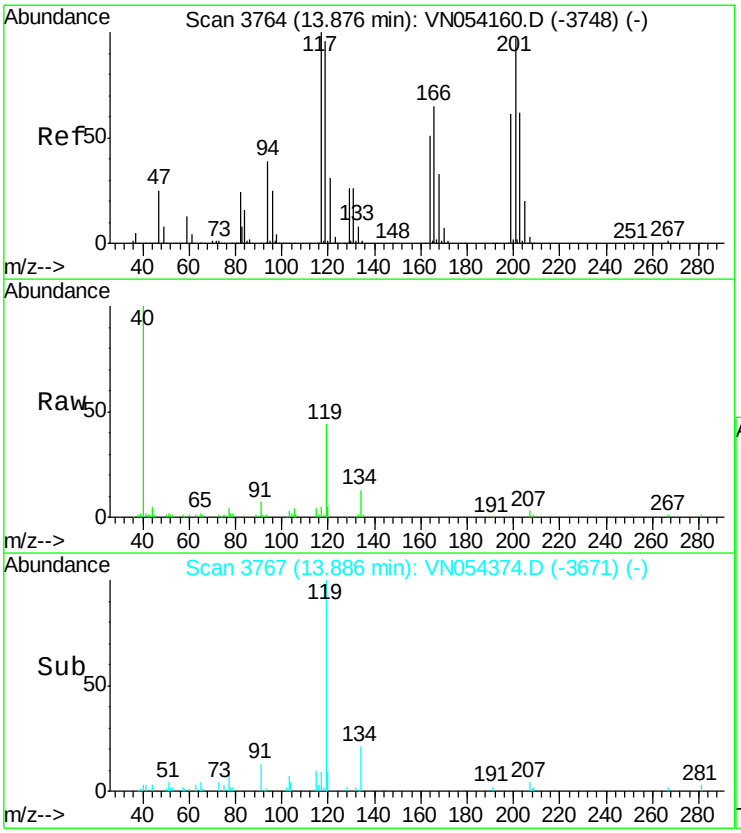
#84
1,2,4-Trimethylbenzene
Concen: 0.975 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion:105 Resp: 54193

Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.3

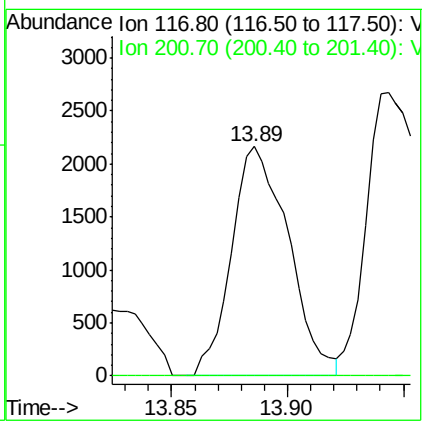


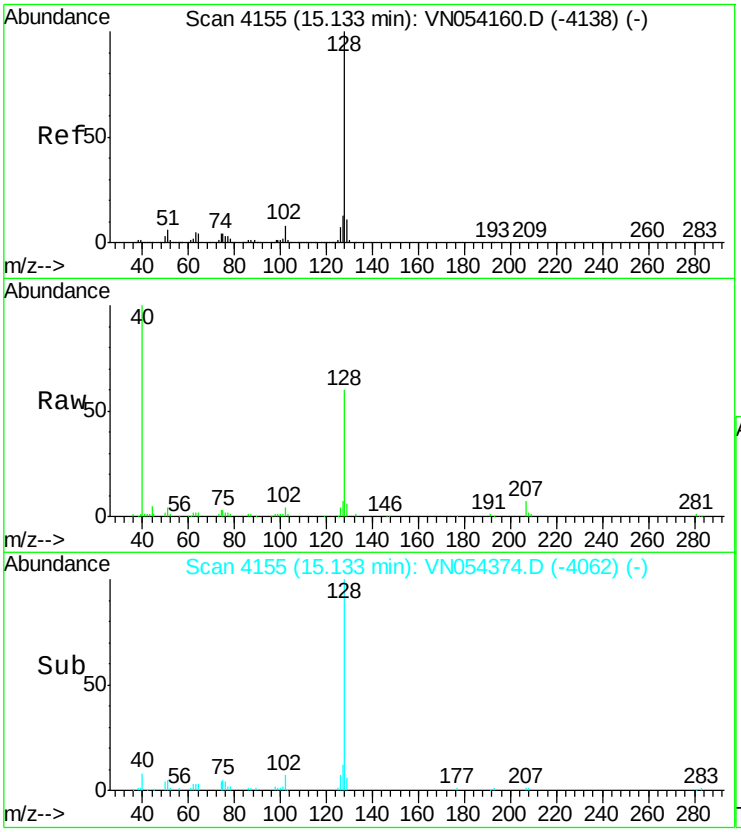


#90
Hexachloroethane
Concen: 0.376 ug/l
RT: 13.89 min Scan# 3767
Delta R.T. 0.01 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Tgt Ion:117 Resp: 3693

Ion	Ratio	Lower	Upper
117	100		
201	0.0	48.1	144.4#





#95
Naphthalene
Concen: 4.806 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054374.D
Acq: 17 Mar 2019 9:12

Instrument :
MSVOA_N
ClientSampleId :
CL-01-031519-E

Tgt Ion:128 Resp: 53645

Ion	Ratio	Lower	Upper
128	100		
127	11.9	10.1	15.1
129	10.8	8.7	13.1