

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW041519\
 Data File : VW009987.D
 Acq On : 15 Apr 2019 22:45
 Operator : SY/VA
 Sample : K2403-02
 Misc : 5.77G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A5102

Quant Time: Apr 16 01:56:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 01:53:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	21513	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	20555	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	6550	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	8207	40.37	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	161.48%#
7) Chloroethane-d5	2.89	69	8120	39.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	157.72%#
10) 1,1-Dichloroethene-d2	4.02	63	14734	26.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.52%
20) 2-Butanone-d5	7.08	46	6584	59.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.74%
24) Chloroform-d	7.65	84	19309	31.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.20%
26) 1,2-Dichloroethane-d4	8.31	65	12312	31.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.64%
29) Benzene-d6	8.27	84	30916	27.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.48%
33) 1,2-Dichloropropane-d6	9.27	67	10695	29.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.88%
37) Toluene-d8	10.32	98	20916	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.20%
38) trans-1,3-Dichloropropene-	10.58	79	3943	23.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.44%
39) 2-Hexanone-d5	10.93	63	2972	37.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	10480	31.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.56%#
61) 1,2-Dichlorobenzene-d4	13.86	152	6254	25.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.60%

Target Compounds

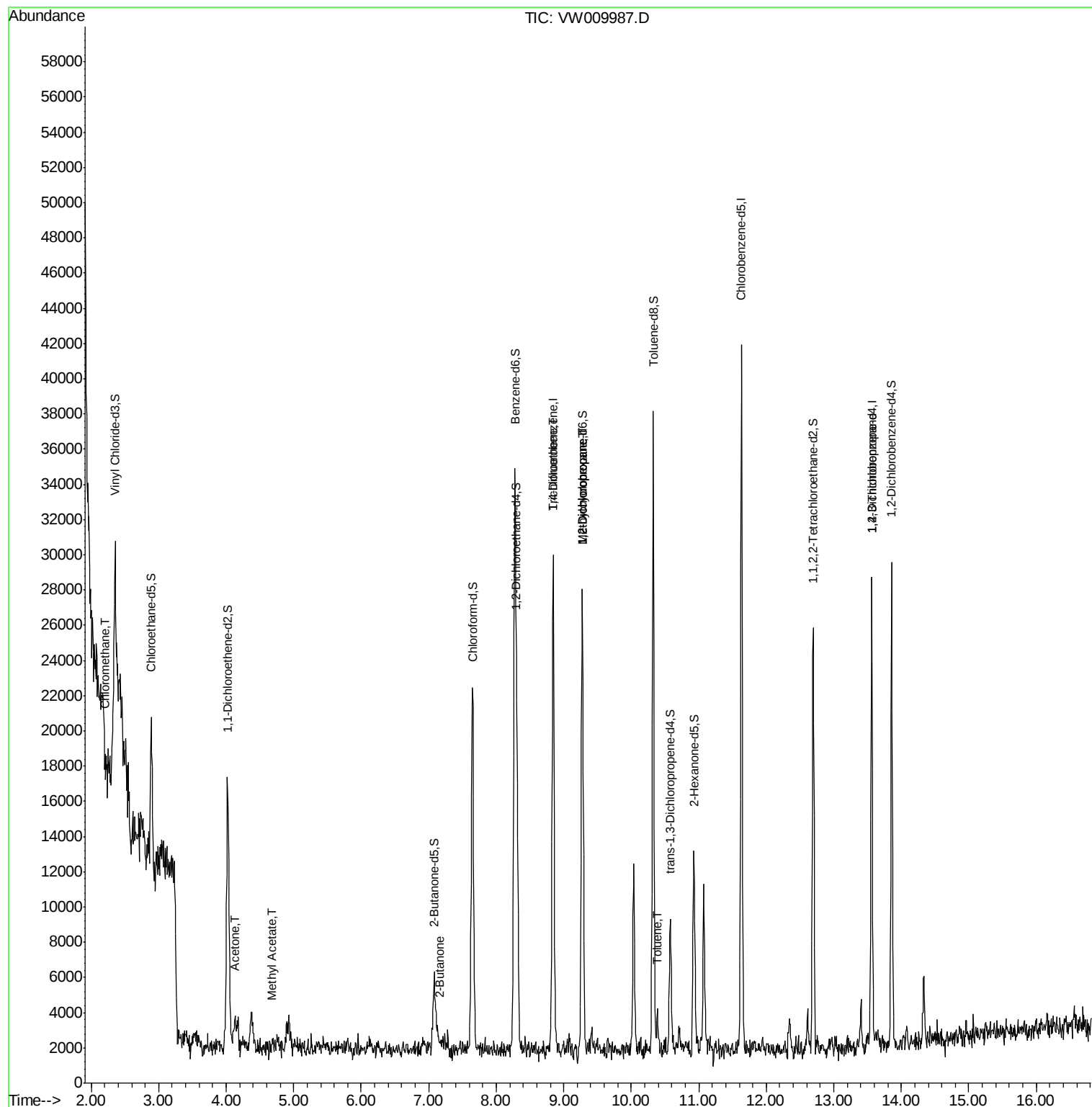
					Qvalue
3) Chloromethane	2.21	50	345	1.254 ug/L	91
13) Acetone	4.14	43	3245	33.182 ug/L	61
15) Methyl Acetate	4.67	43	268	1.358 ug/L #	56
21) 2-Butanone	7.17	43	195	1.523 ug/L	94
35) Trichloroethene	8.84	95	424	1.347 ug/L #	11
36) Methylcyclohexane	9.27	83	2570	5.081 ug/L #	16
40) 1,2-Dichloropropane	9.27	63	1389	4.337 ug/L	98
44) Toluene	10.38	91	1565	1.218 ug/L #	67
59) 1,2,3-Trichloropropane	13.56	75	1015	4.128 ug/L	93

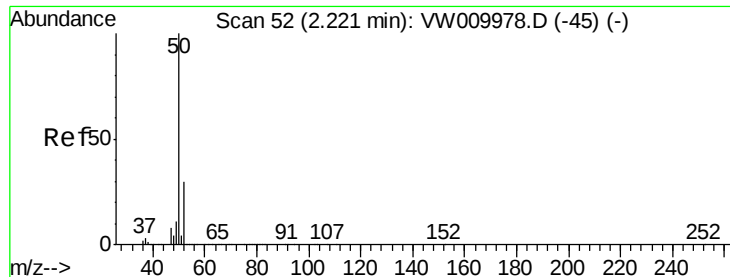
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.254 ug/L

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW009987.D

Acq: 15 Apr 2019 22:45

Instrument :

MSVOA_W

ClientSampleId :

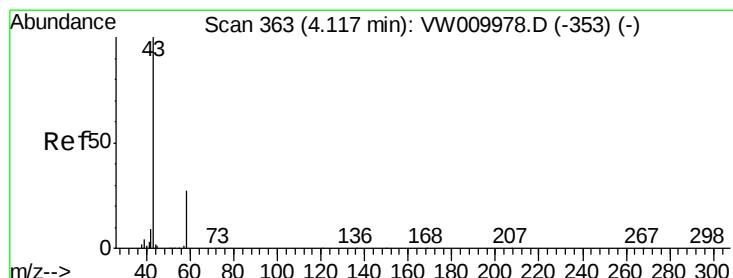
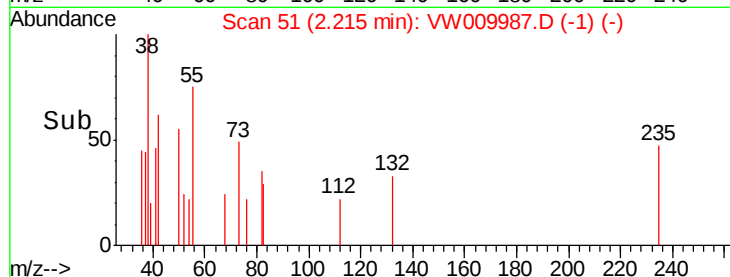
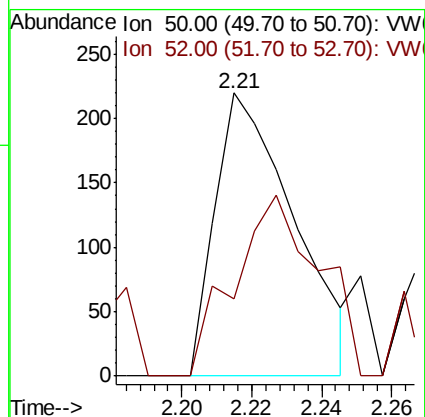
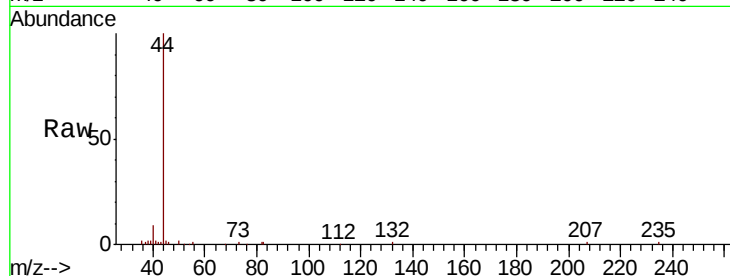
A5102

Tgt Ion: 50 Resp: 345

Ion Ratio Lower Upper

50 100

52 27.3 22.7 42.1



#13

Acetone

Concen: 33.182 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW009987.D

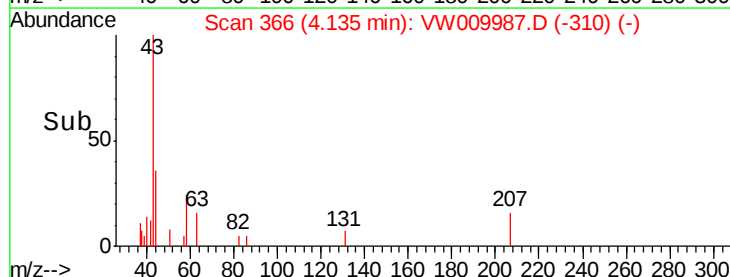
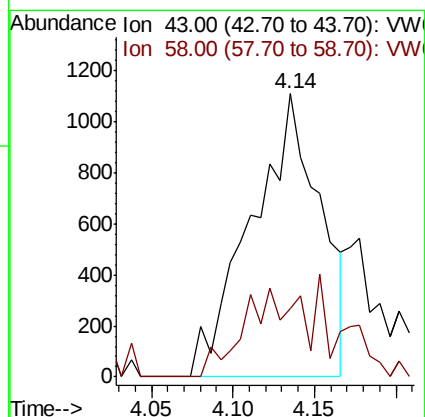
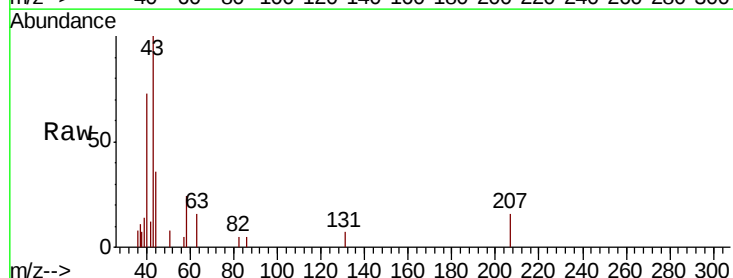
Acq: 15 Apr 2019 22:45

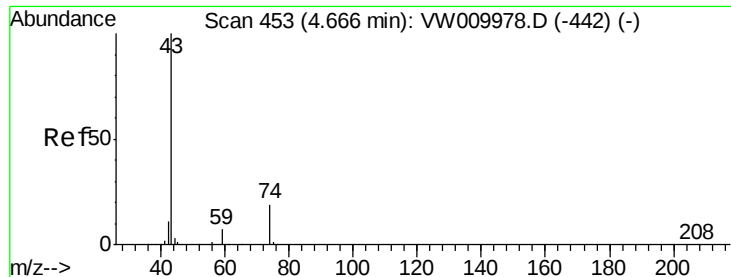
Tgt Ion: 43 Resp: 3245

Ion Ratio Lower Upper

43 100

58 7.8 0.0 56.2

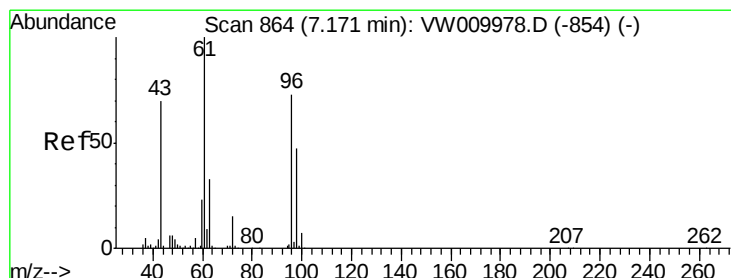
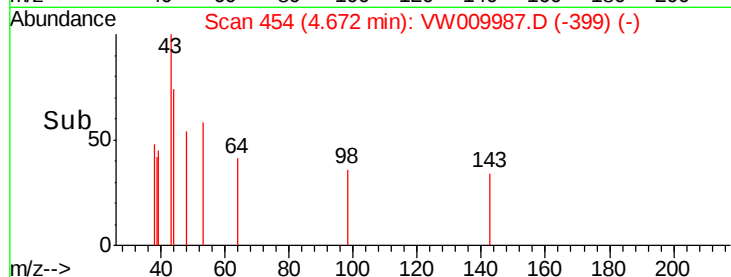
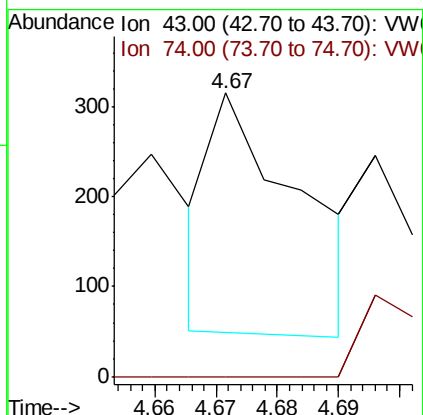
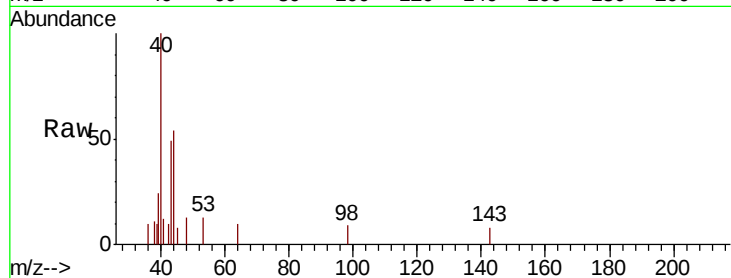




#15
Methyl Acetate
Concen: 1.358 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW009987.D
Acq: 15 Apr 2019 22:45

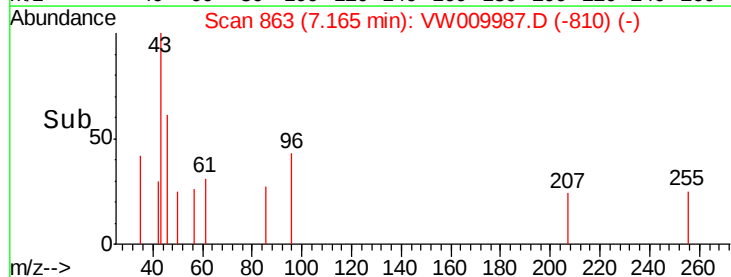
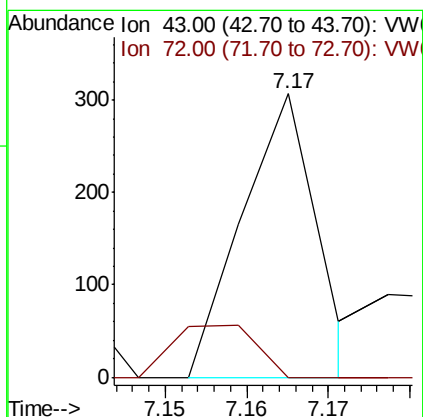
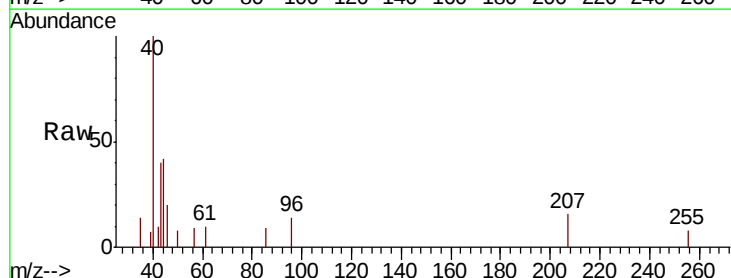
Instrument :
MSVOA_W
ClientSampled :
A5102

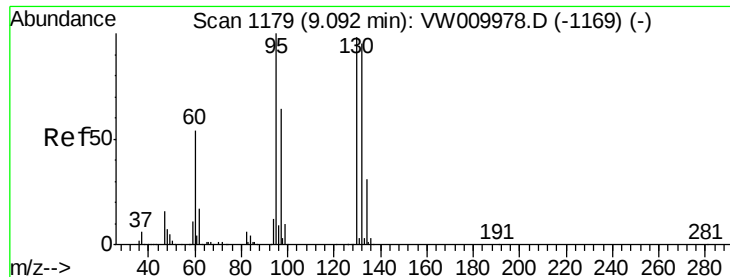
Tgt Ion: 43 Resp: 268
Ion Ratio Lower Upper
43 100
74 0.0 16.2 24.4#



#21
2-Butanone
Concen: 1.523 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009987.D
Acq: 15 Apr 2019 22:45

Tgt Ion: 43 Resp: 195
Ion Ratio Lower Upper
43 100
72 21.0 11.9 35.7





#35

Trichloroethene

Concen: 1.347 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW009987.D

Acq: 15 Apr 2019 22:45

Instrument :

MSVOA_W

ClientSampled :

A5102

Tgt Ion: 95 Resp: 424

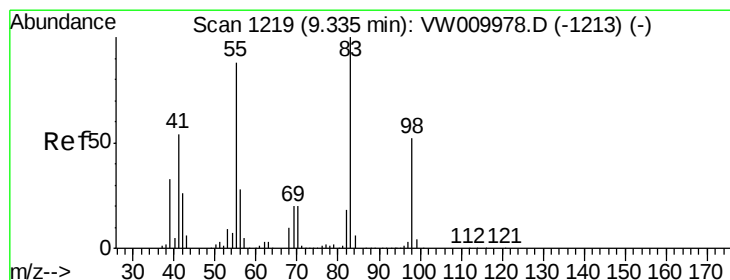
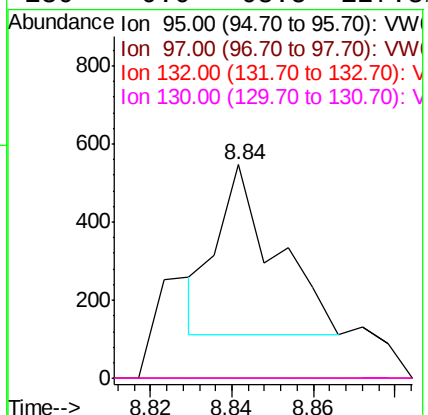
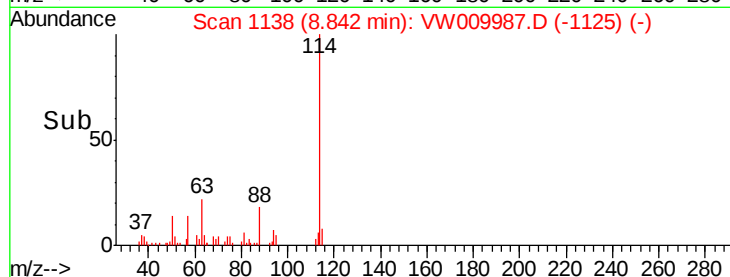
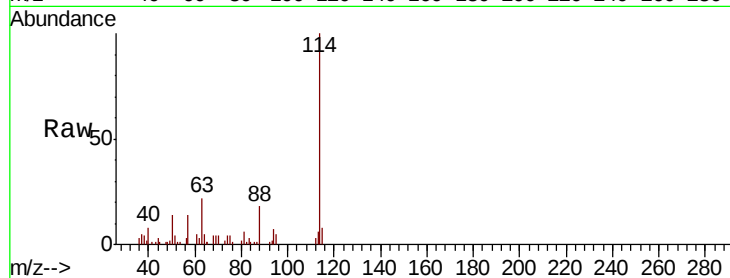
Ion Ratio Lower Upper

95 100

97 15.3 45.3 84.1#

132 0.0 65.6 121.8#

130 0.0 68.5 127.3#



#36

Methylcyclohexane

Concen: 5.081 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW009987.D

Acq: 15 Apr 2019 22:45

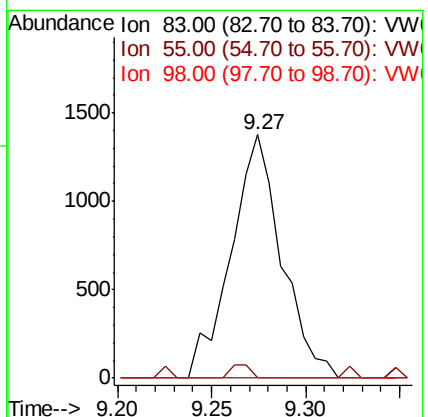
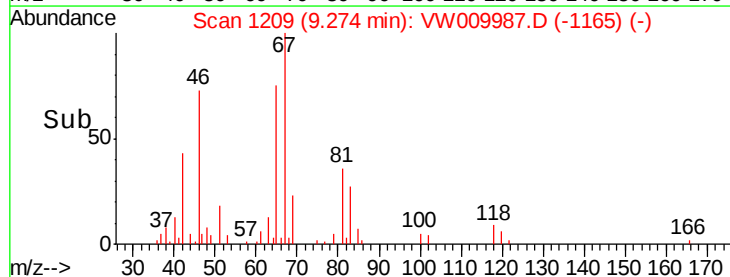
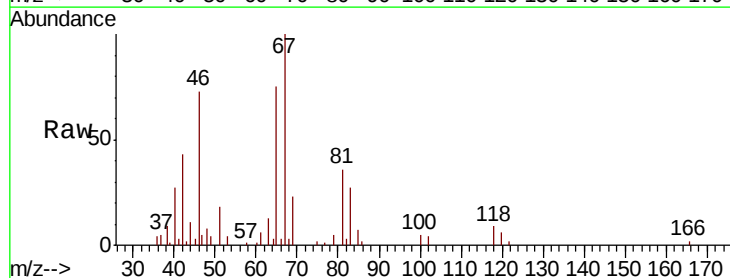
Tgt Ion: 83 Resp: 2570

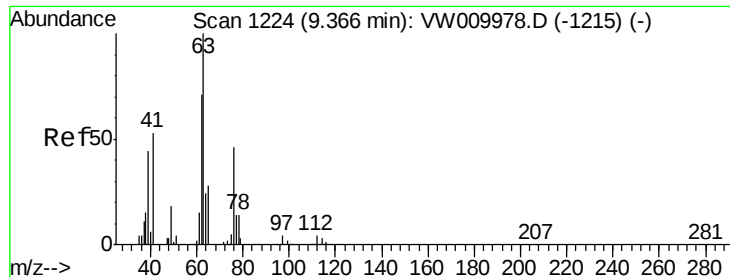
Ion Ratio Lower Upper

83 100

55 2.1 68.4 102.6#

98 0.0 40.0 60.0#

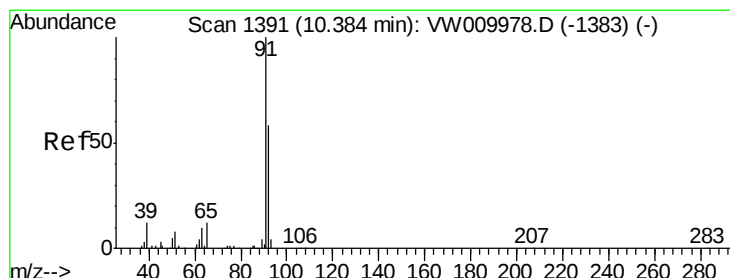
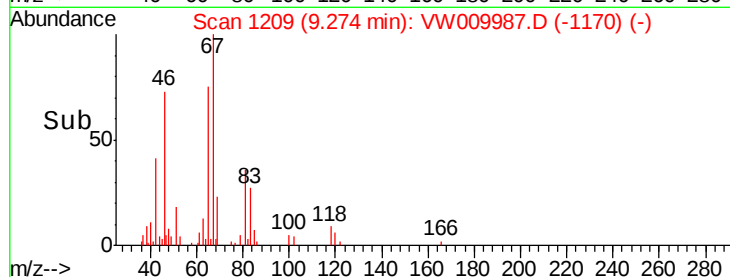
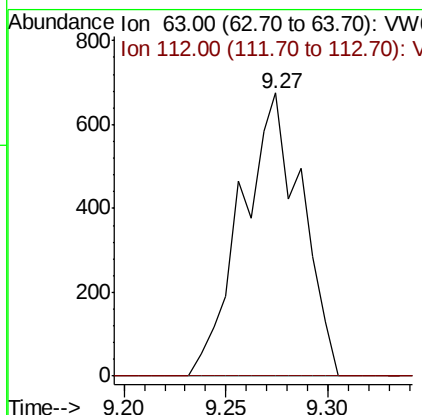
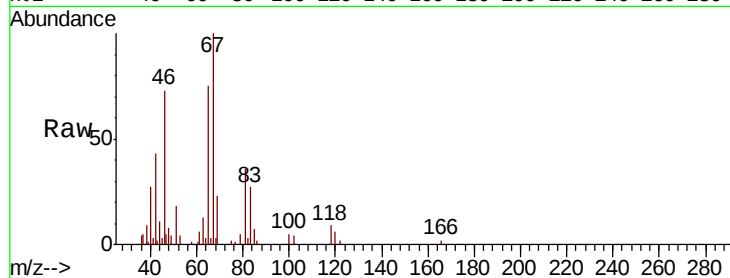




#40
 1,2-Dichloropropane
 Concen: 4.337 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.09 min
 Lab File: VW009987.D
 Acq: 15 Apr 2019 22:45

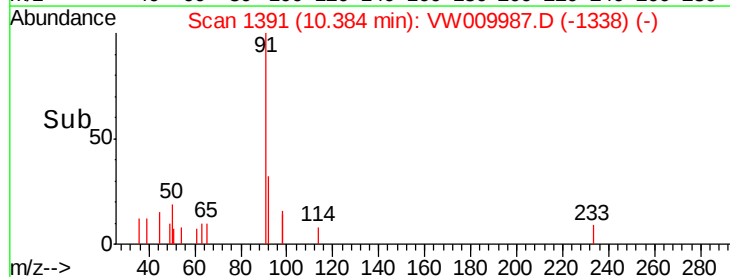
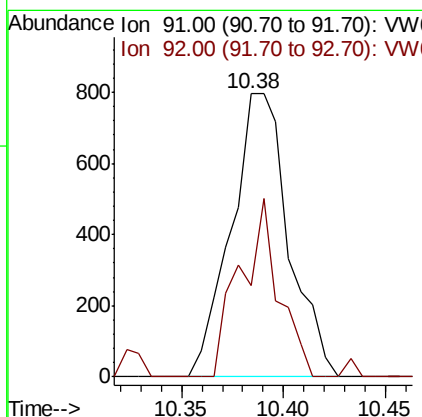
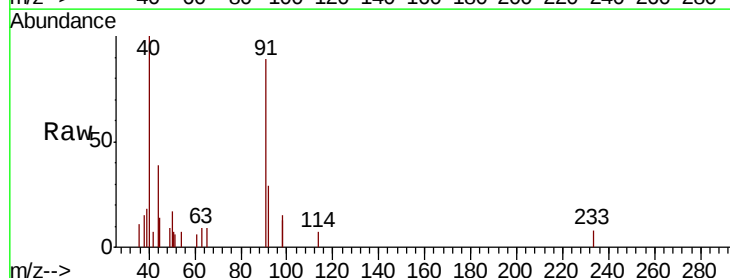
Instrument :
 MSVOA_W
 ClientSampleId :
 A5102

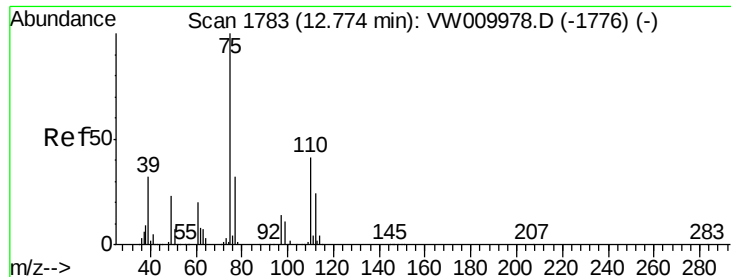
Tgt Ion: 63 Resp: 1389
 Ion Ratio Lower Upper
 63 100
 112 3.5 3.4 5.2



#44
 Toluene
 Concen: 1.218 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW009987.D
 Acq: 15 Apr 2019 22:45

Tgt Ion: 91 Resp: 1565
 Ion Ratio Lower Upper
 91 100
 92 32.3 39.8 74.0#





#59

1,2,3-Trichloropropane

Concen: 4.128 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009987.D

Acq: 15 Apr 2019 22:45

Instrument :

MSVOA_W

ClientSampleId :

A5102

Tgt Ion: 75 Resp: 1015

Ion Ratio Lower Upper

75 100

77 28.1 25.8 38.6

