

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
 Data File : VW006312.D
 Acq On : 24 Oct 2018 11:36
 Operator : SY/AP
 Sample : J5635-02
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40C3

Quant Time: Oct 25 07:36:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 25 07:32:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383619	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360384	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	192702	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	81660	18.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.52%
7) Chloroethane-d5	2.89	69	86312	23.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.72%
10) 1,1-Dichloroethene-d2	4.01	63	130775	15.74	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.96%
20) 2-Butanone-d5	7.09	46	60594	42.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.50%
24) Chloroform-d	7.65	84	187779	22.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	8.30	65	108326	23.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.24%
29) Benzene-d6	8.27	84	386950	23.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.60%
33) 1,2-Dichloropropane-d6	9.27	67	111499	22.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.32%
37) Toluene-d8	10.32	98	375275	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.76%
38) trans-1,3-Dichloropropene-	10.58	79	46700	19.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.84%
39) 2-Hexanone-d5	10.93	63	49853	41.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108692	22.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	160572	24.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.24%

Target Compounds

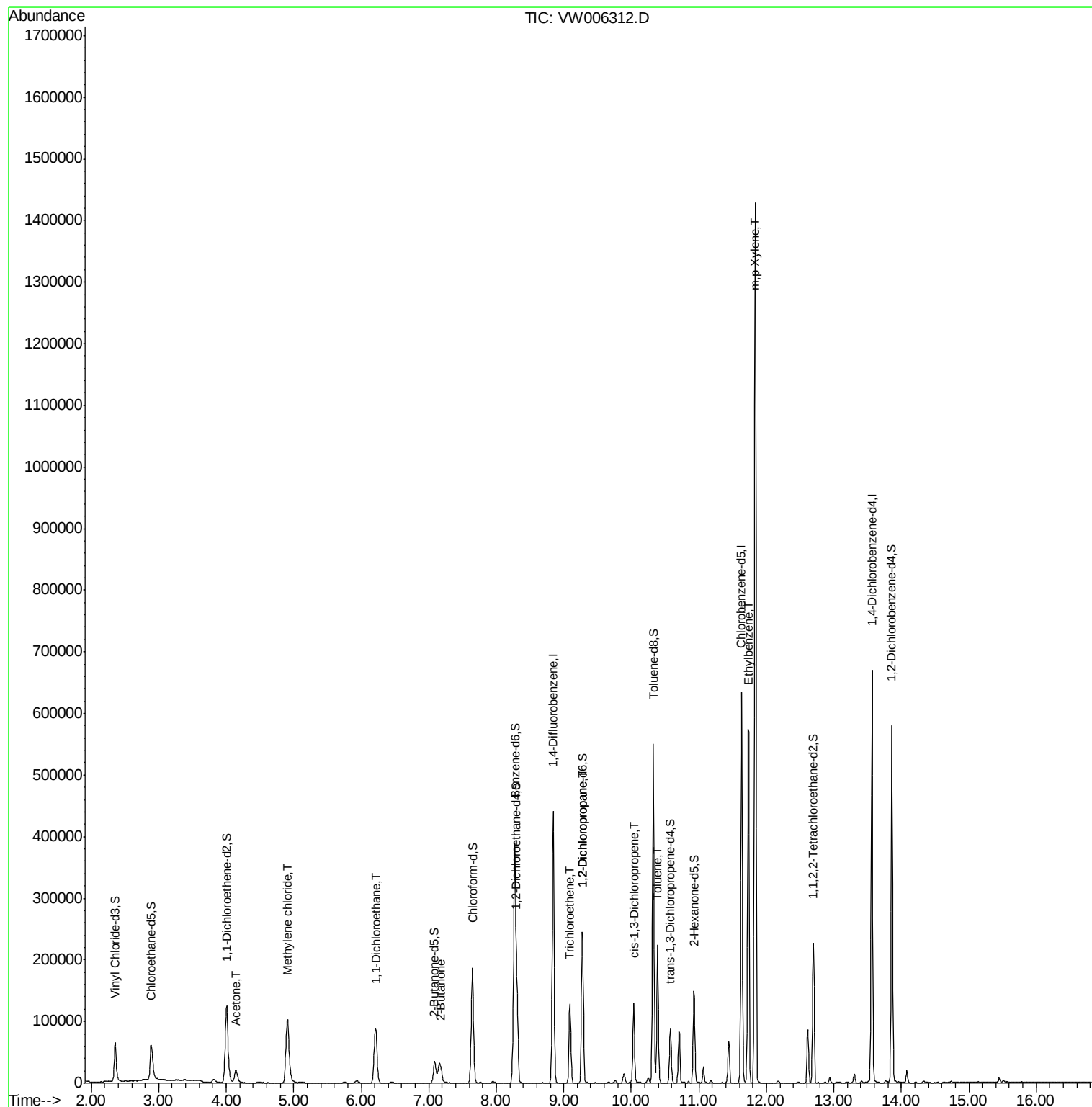
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.15	43	39183	27.046	ug/L	99
16) Methylene chloride	4.91	84	88900	17.949	ug/L	96
19) 1,1-Dichloroethane	6.21	63	126365	16.014	ug/L	98
21) 2-Butanone	7.18	43	23382	12.146	ug/L	100
35) Trichloroethene	9.09	95	42889	8.240	ug/L	99
40) 1,2-Dichloropropane	9.27	63	12727	2.773	ug/L #	88
42) cis-1,3-Dichloropropene	10.03	75	3438	0.459	ug/L	83
44) Toluene	10.39	91	163588	7.875	ug/L	99
53) Ethylbenzene	11.74	91	419383	17.341	ug/L	99
54) m,p-Xylene	11.83	106	403278	42.542	ug/L	98

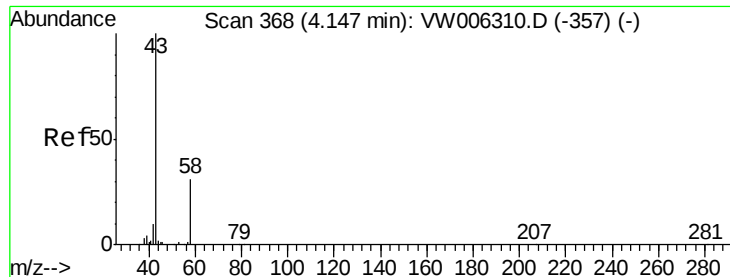
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102418\
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Quant Title : VOC Analysis
QLast Update : Thu Oct 25 07:32:16 2018
Response via : Initial Calibration





#13

Acetone

Concen: 27.046 ug/L

RT: 4.15 min Scan# 368

Delta R.T. 0.01 min

Lab File: VW006312.D

Acq: 24 Oct 2018 11:36

Instrument :

MSVOA_W

ClientSampleId :

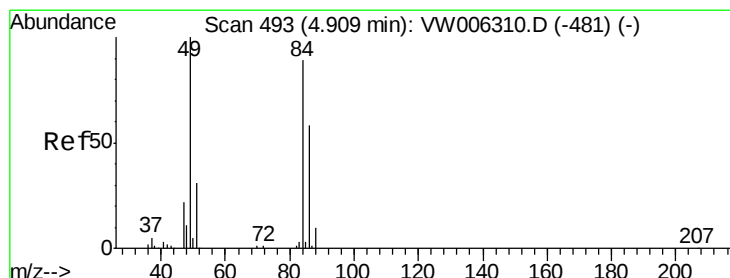
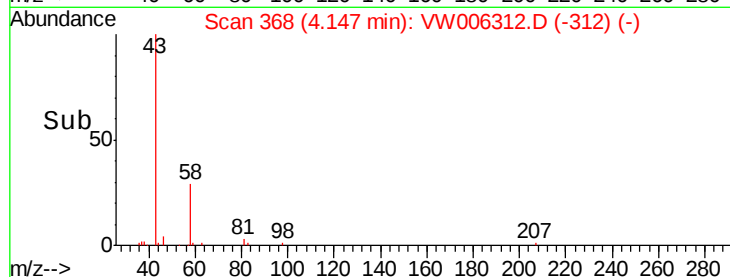
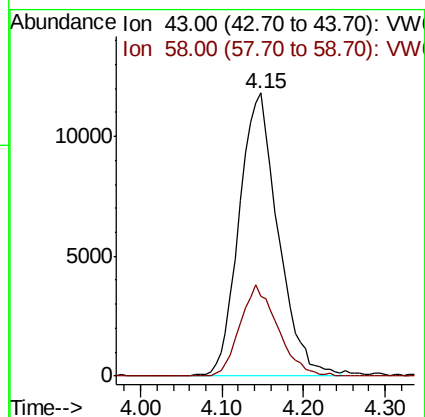
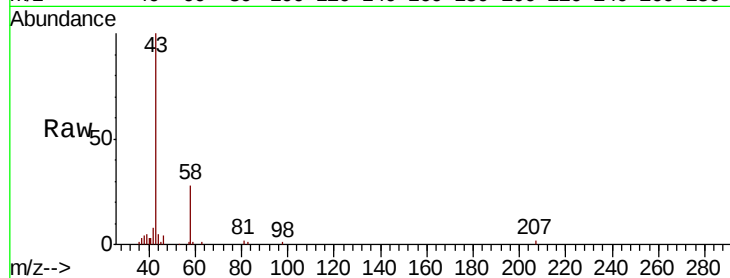
A40C3

Tgt Ion: 43 Resp: 39183

Ion Ratio Lower Upper

43 100

58 31.0 0.0 61.2



#16

Methylene chloride

Concen: 17.949 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006312.D

Acq: 24 Oct 2018 11:36

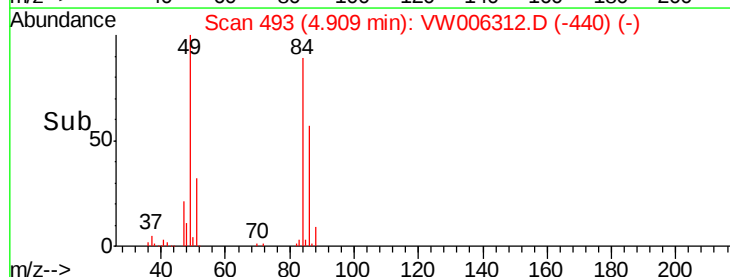
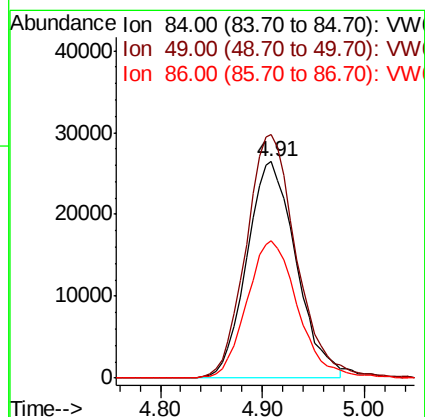
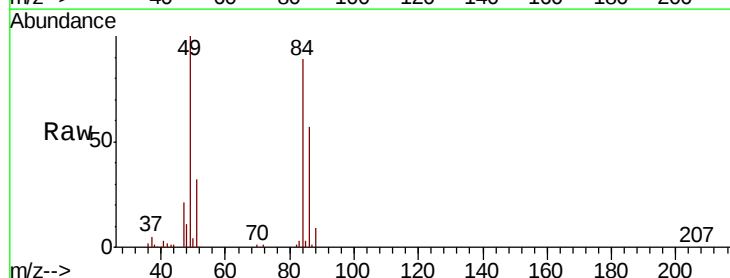
Tgt Ion: 84 Resp: 88900

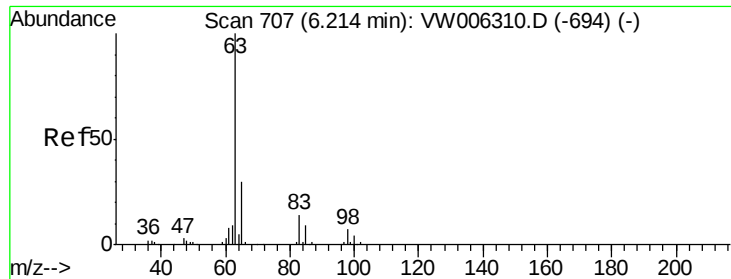
Ion Ratio Lower Upper

84 100

49 112.6 83.5 155.1

86 63.8 44.9 83.5

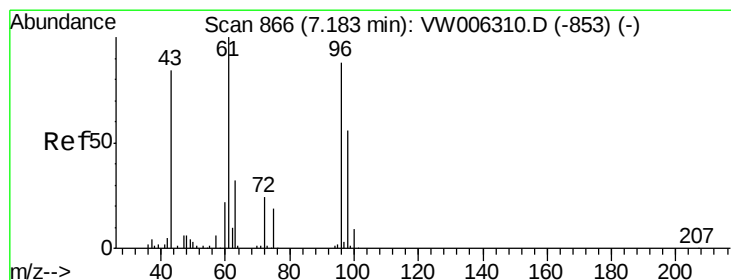
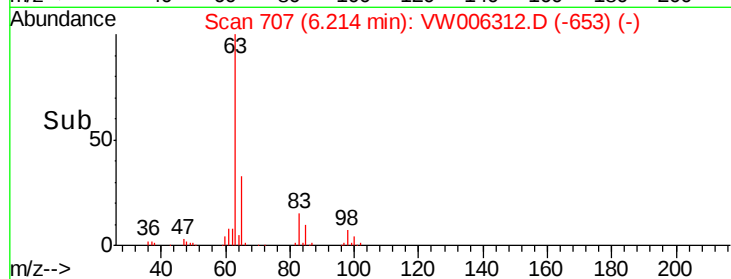
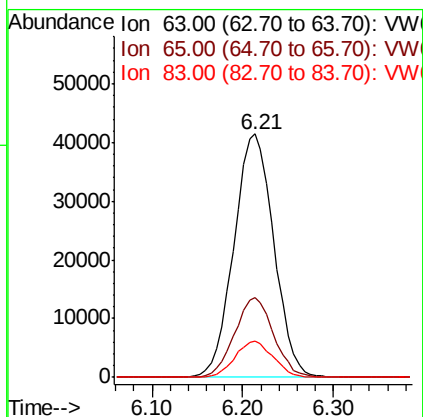
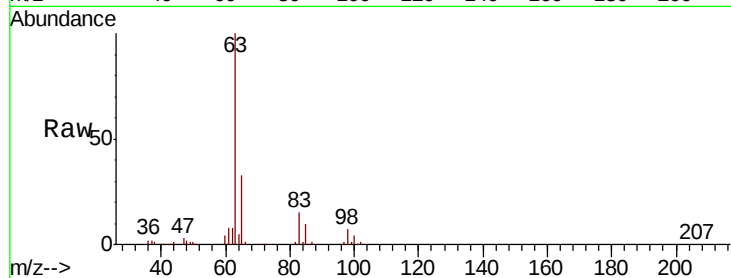




#19
 1,1-Dichloroethane
 Concen: 16.014 ug/L
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW006312.D
 Acq: 24 Oct 2018 11:36

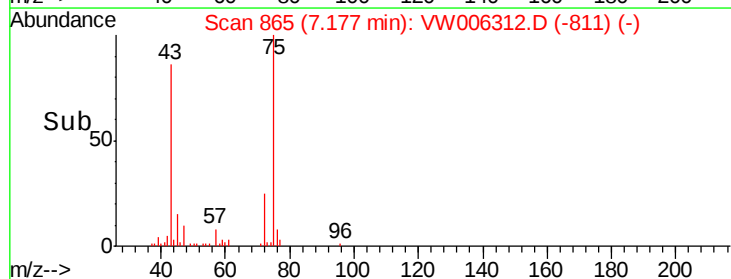
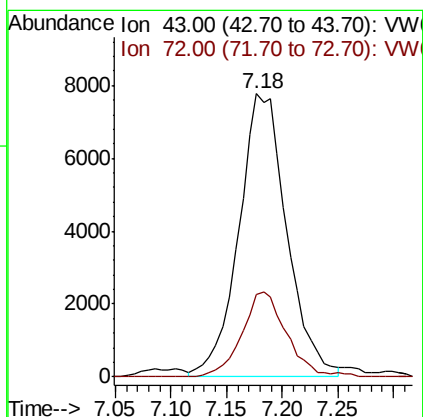
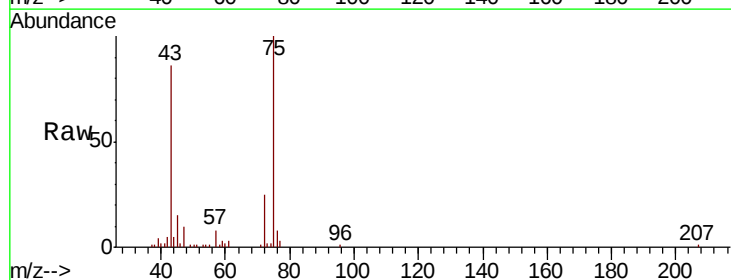
Instrument :
 MSVOA_W
 ClientSampled :
 A40C3

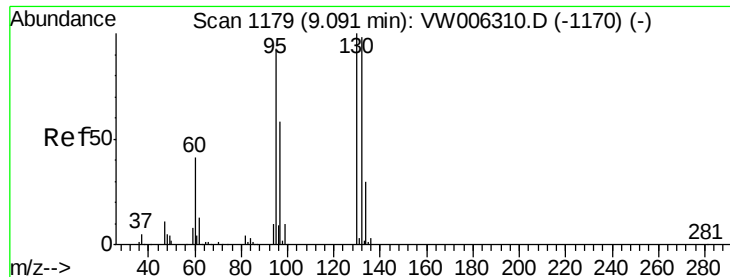
Tgt Ion: 63 Resp: 126365
 Ion Ratio Lower Upper
 63 100
 65 33.0 22.3 41.5
 83 14.9 9.7 18.1



#21
 2-Butanone
 Concen: 12.146 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VW006312.D
 Acq: 24 Oct 2018 11:36

Tgt Ion: 43 Resp: 23382
 Ion Ratio Lower Upper
 43 100
 72 27.7 13.8 41.4





#35

Trichloroethene

Concen: 8.240 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW006312.D

Acq: 24 Oct 2018 11:36

Instrument :

MSVOA_W

ClientSampleId :

A40C3

Tgt Ion: 95 Resp: 42889

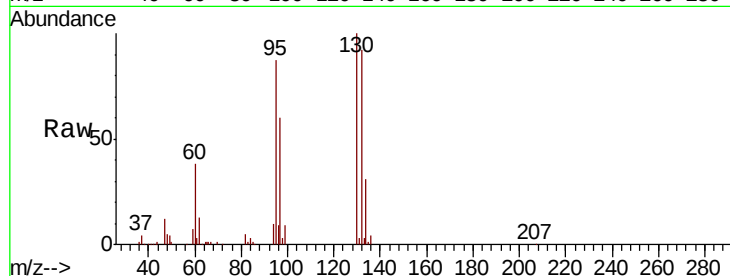
Ion Ratio Lower Upper

95 100

97 65.3 45.8 85.0

132 104.8 72.9 135.3

130 109.1 75.8 140.8

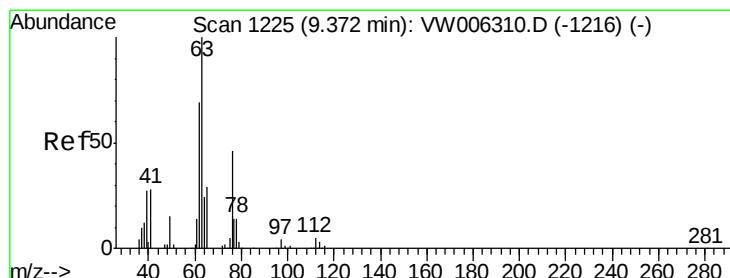
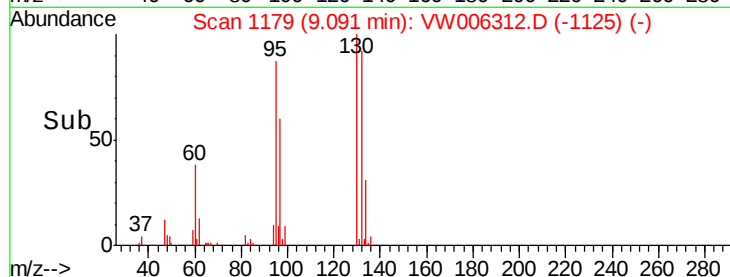
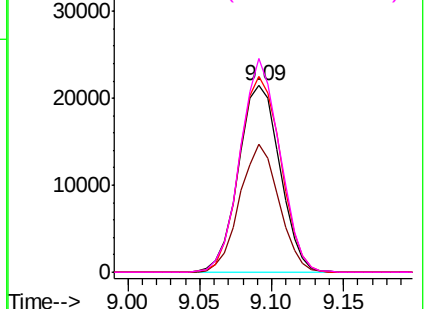


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.773 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW006312.D

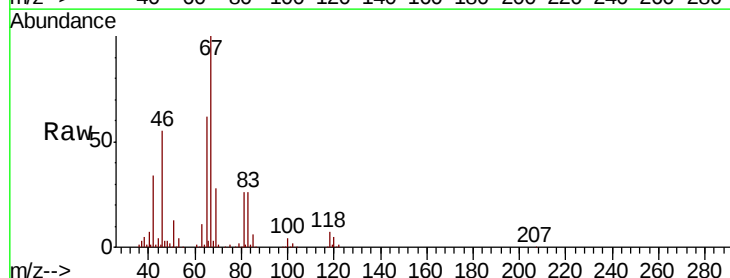
Acq: 24 Oct 2018 11:36

Tgt Ion: 63 Resp: 12727

Ion Ratio Lower Upper

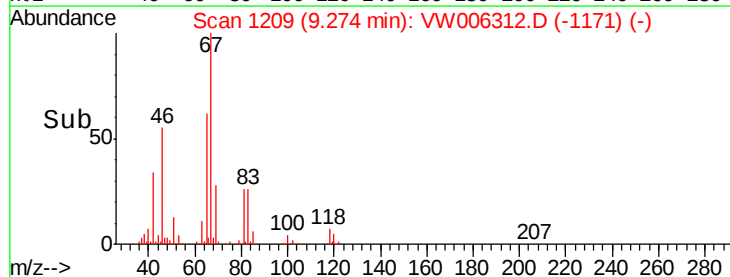
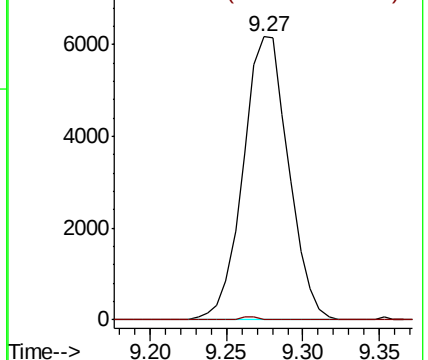
63 100

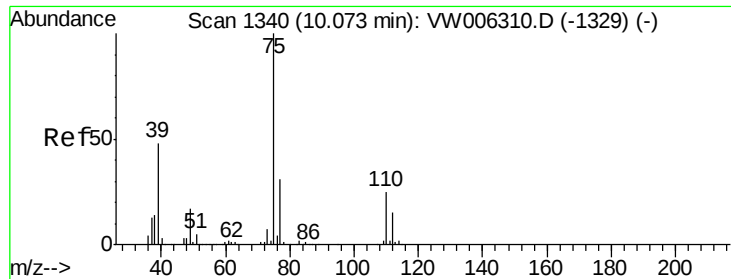
112 0.3 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

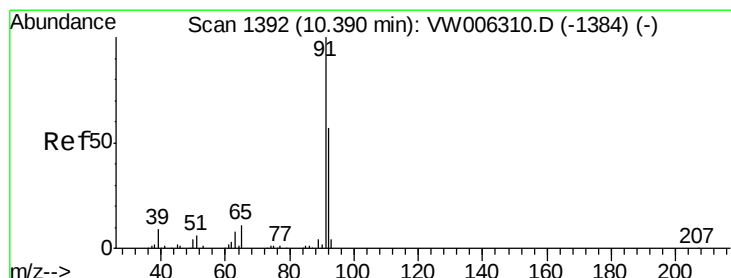
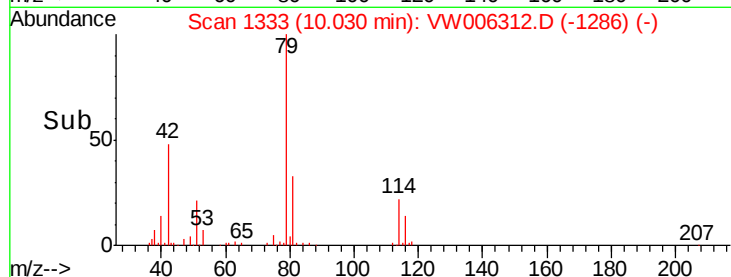
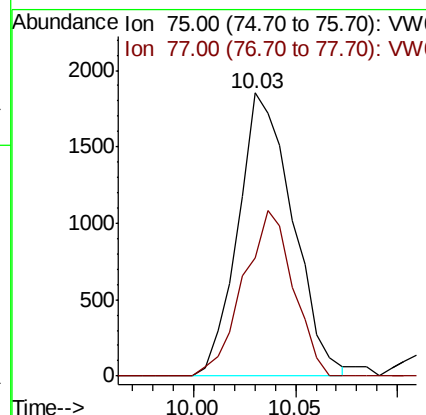
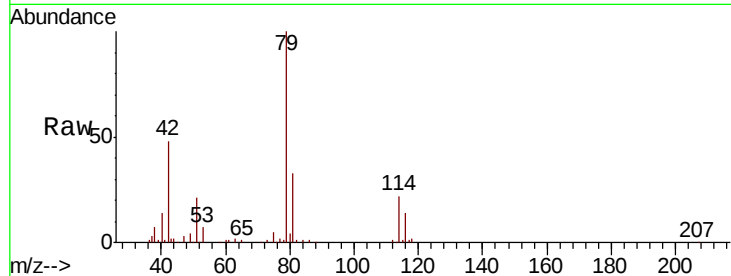




#42
 cis-1,3-Dichloropropene
 Concen: 0.459 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW006312.D
 Acq: 24 Oct 2018 11:36

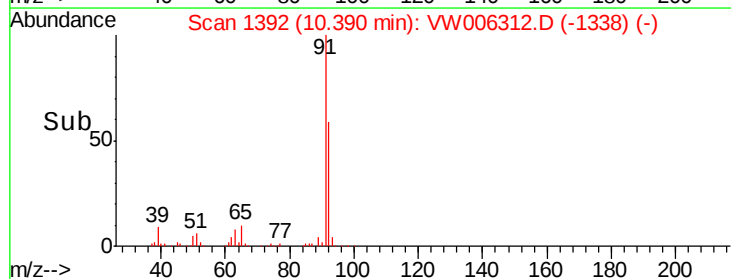
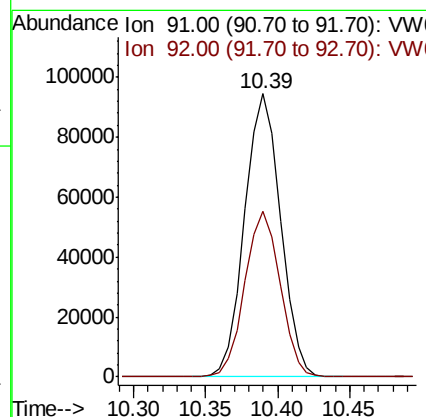
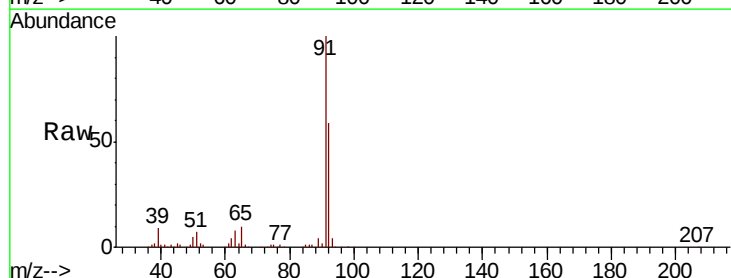
Instrument :
 MSVOA_W
 ClientSampleId :
 A40C3

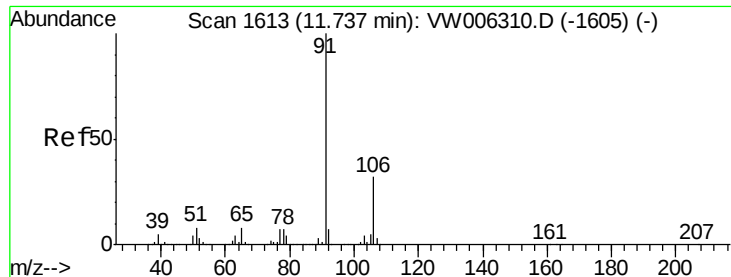
Tgt Ion: 75 Resp: 3438
 Ion Ratio Lower Upper
 75 100
 77 41.8 22.6 42.0



#44
 Toluene
 Concen: 7.875 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006312.D
 Acq: 24 Oct 2018 11:36

Tgt Ion: 91 Resp: 163588
 Ion Ratio Lower Upper
 91 100
 92 58.6 40.4 75.0

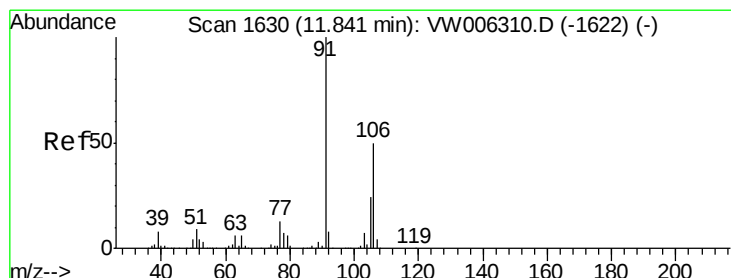
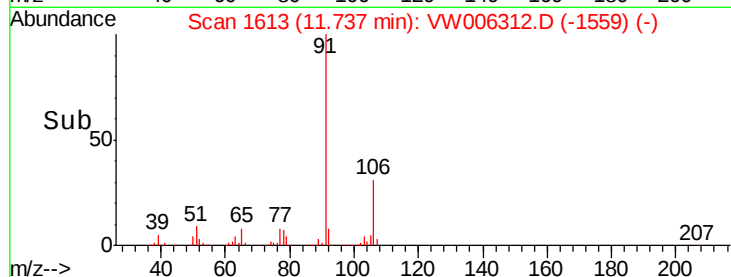
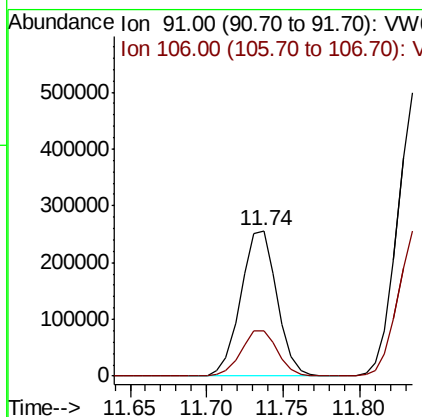
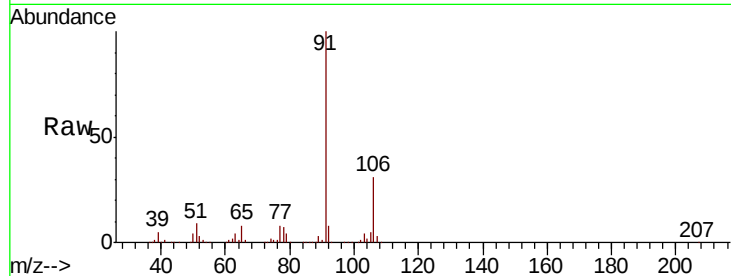




#53
Ethylbenzene
Concen: 17.341 ug/L
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006312.D
Acq: 24 Oct 2018 11:36

Instrument :
MSVOA_W
ClientSampleId :
A40C3

Tgt Ion: 91 Resp: 419383
Ion Ratio Lower Upper
91 100
106 31.5 22.6 42.0



#54
m,p-Xylene
Concen: 42.542 ug/L
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW006312.D
Acq: 24 Oct 2018 11:36

Tgt Ion: 106 Resp: 403278
Ion Ratio Lower Upper
106 100
91 195.3 138.4 257.0

