

Data File : VW011425.D
Acq On : 22 Jul 2019 17:44
Operator : SY/VA
Sample : K3922-03MSD
Misc : 4.90G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A52F0MSD

Quant Time: Jul 23 04:58:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 23 04:55:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	385132	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	281417	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	82391	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	143219	27.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.44%
7) Chloroethane-d5	2.89	69	111301	29.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.88%
10) 1,1-Dichloroethene-d2	4.02	63	306550	26.32	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.28%
20) 2-Butanone-d5	7.07	46	136399	62.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.60%
24) Chloroform-d	7.65	84	258797	26.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.96%
26) 1,2-Dichloroethane-d4	8.31	65	168386	28.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.84%
29) Benzene-d6	8.27	84	540313	32.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.40%
33) 1,2-Dichloropropane-d6	9.27	67	179938	32.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	131.96%#
37) Toluene-d8	10.32	98	422871	28.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.12%
38) trans-1,3-Dichloropropene-	10.58	79	72299	30.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	122.76%
39) 2-Hexanone-d5	10.93	63	96884	81.94	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	163.88%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	126053	28.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	76857	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

Target Compounds

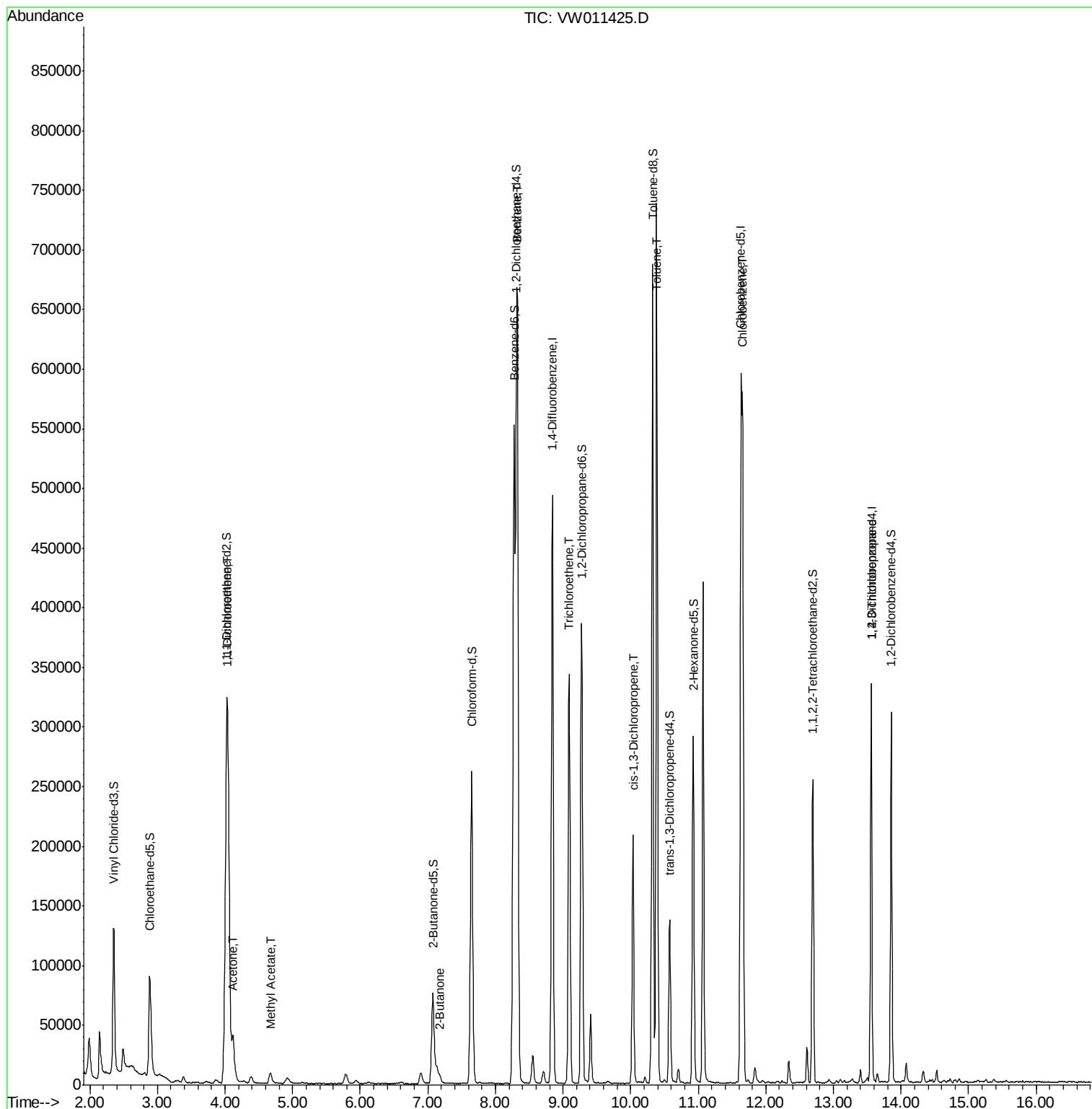
						Qvalue
12) 1,1-Dichloroethene	4.04	96	119446	23.350	ug/L	88
13) Acetone	4.12	43	56008	24.180	ug/L	98
15) Methyl Acetate	4.67	43	18527	5.209	ug/L	99
21) 2-Butanone	7.18	43	9047	3.039	ug/L	95
34) Benzene	8.32	78	535930	29.337	ug/L	100
35) Trichloroethene	9.09	95	119792	25.800	ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	4759	0.645	ug/L #	58
44) Toluene	10.39	91	520543	27.781	ug/L	99
52) Chlorobenzene	11.66	112	260090	23.017	ug/L	99
59) 1,2,3-Trichloropropane	13.56	75	11100	3.404	ug/L	89

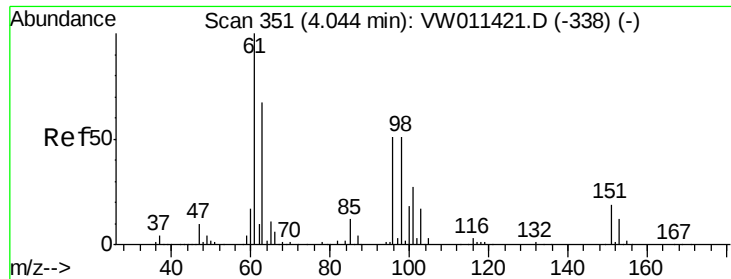
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 23.350 ug/L

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW011425.D

Acq: 22 Jul 2019 17:44

Instrument :

MSVOA_W

ClientSampled :

A52F0MSD

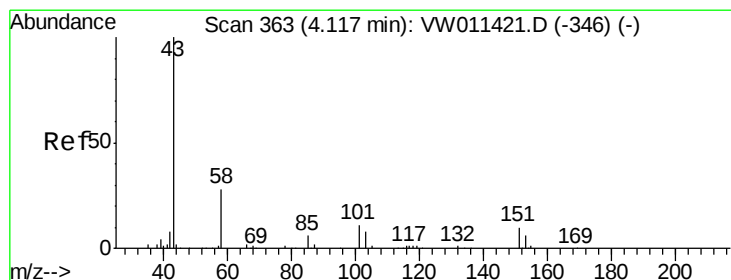
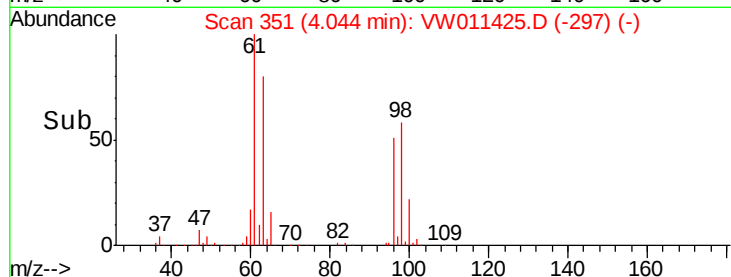
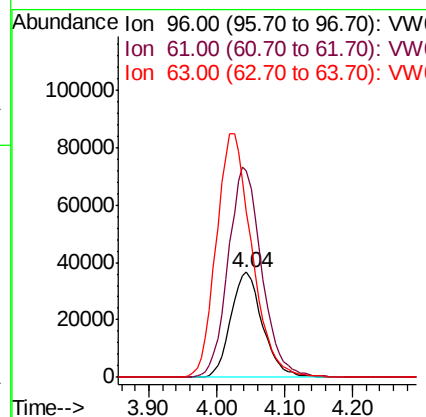
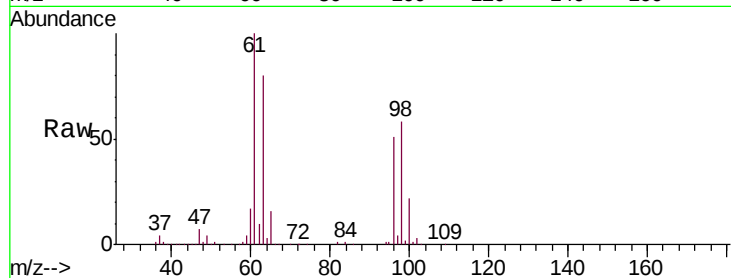
Tgt Ion: 96 Resp: 119446

Ion Ratio Lower Upper

96 100

61 196.5 133.2 247.4

63 156.8 89.9 166.9



#13

Acetone

Concen: 24.180 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011425.D

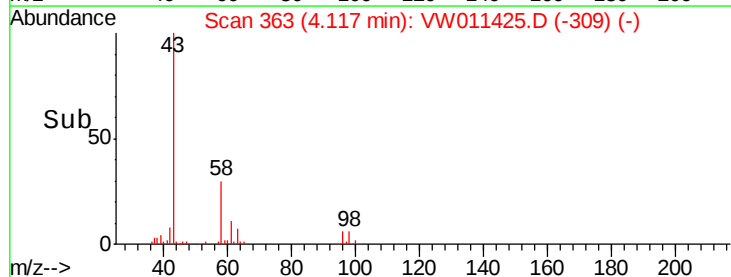
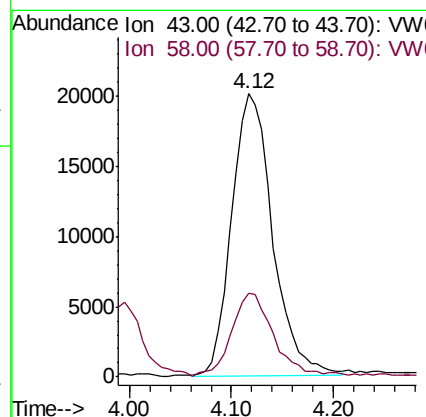
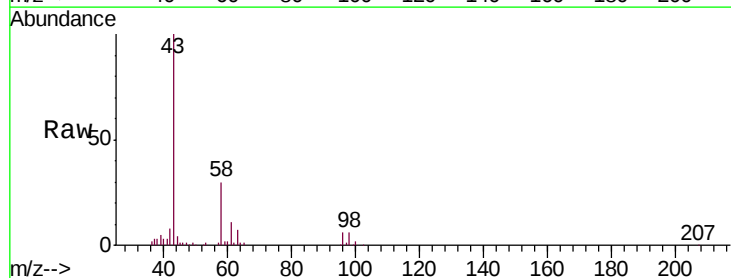
Acq: 22 Jul 2019 17:44

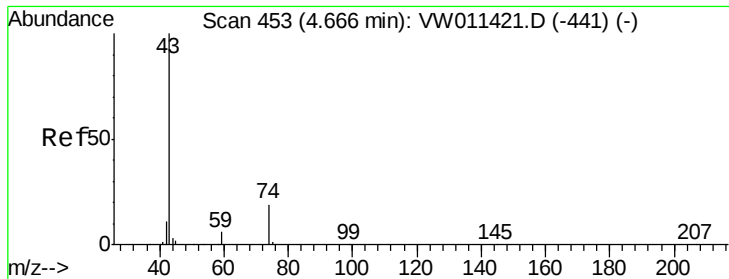
Tgt Ion: 43 Resp: 56008

Ion Ratio Lower Upper

43 100

58 29.7 0.0 57.2

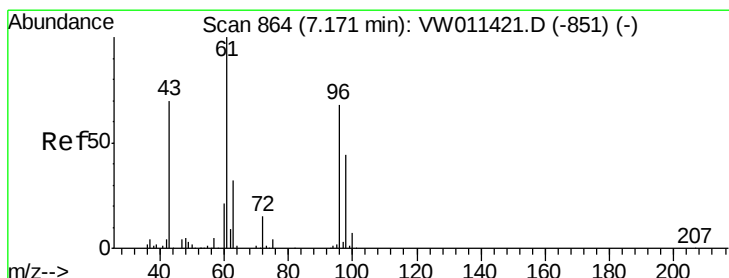
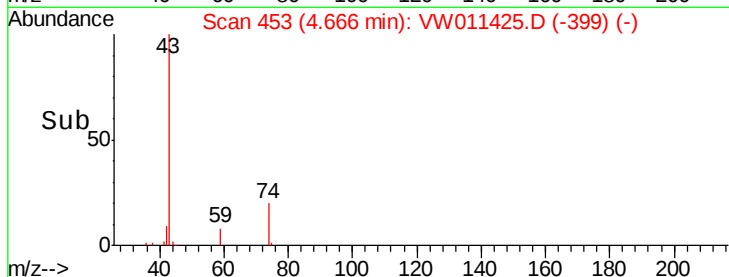
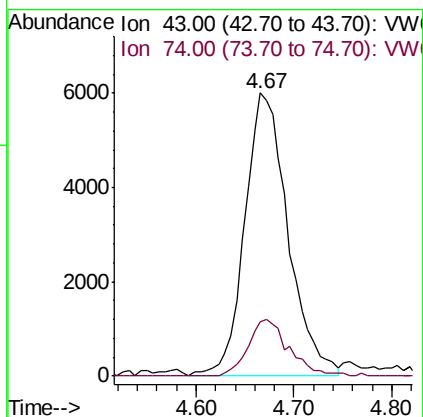
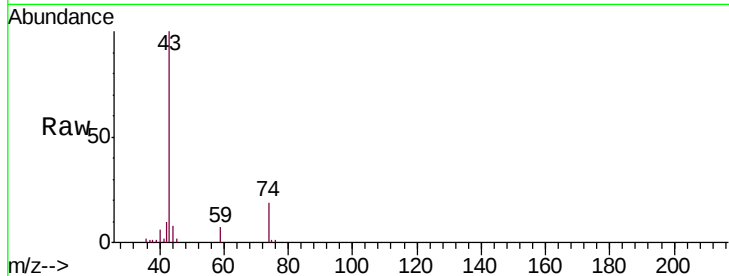




#15
Methyl Acetate
Concen: 5.209 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW011425.D
Acq: 22 Jul 2019 17:44

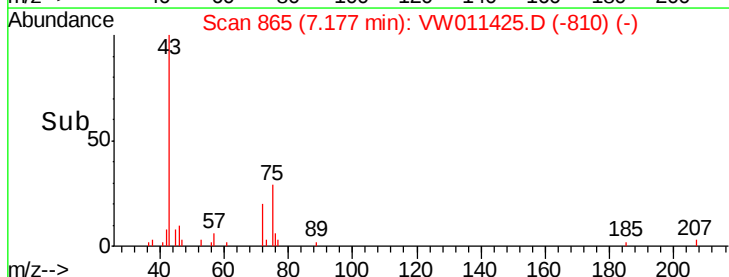
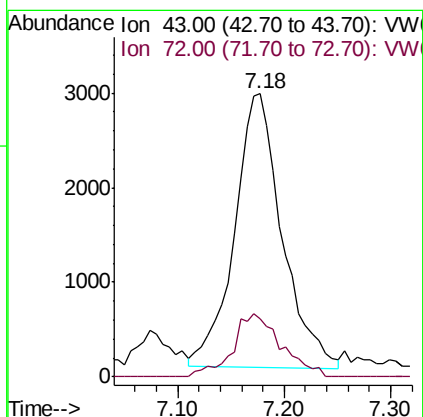
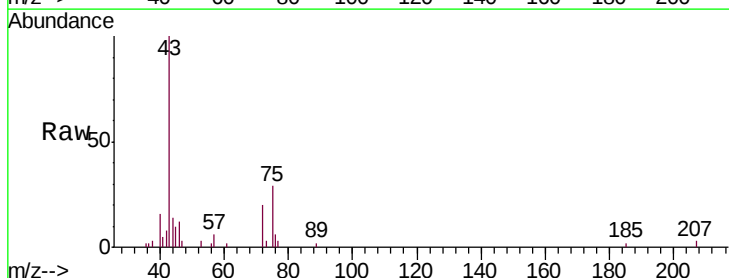
Instrument :
MSVOA_W
ClientSampleId :
A52F0MSD

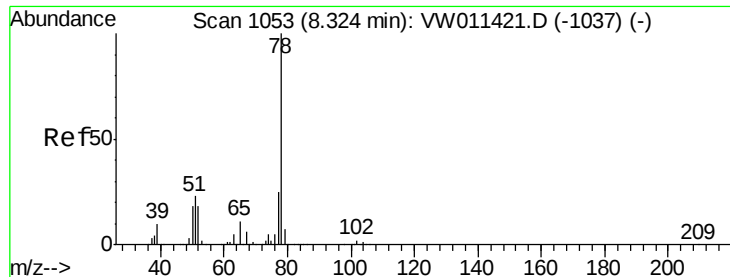
Tgt Ion: 43 Resp: 18527
Ion Ratio Lower Upper
43 100
74 18.7 15.2 22.8



#21
2-Butanone
Concen: 3.039 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW011425.D
Acq: 22 Jul 2019 17:44

Tgt Ion: 43 Resp: 9047
Ion Ratio Lower Upper
43 100
72 23.4 10.5 31.6





#34

Benzene

Concen: 29.337 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW011425.D

Acq: 22 Jul 2019 17:44

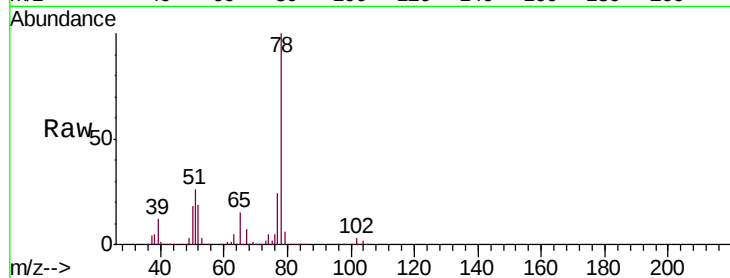
Instrument :

MSVOA_W

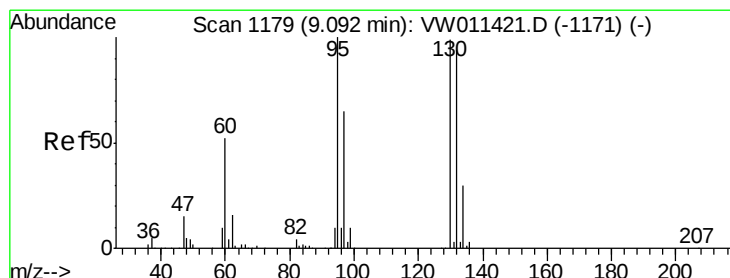
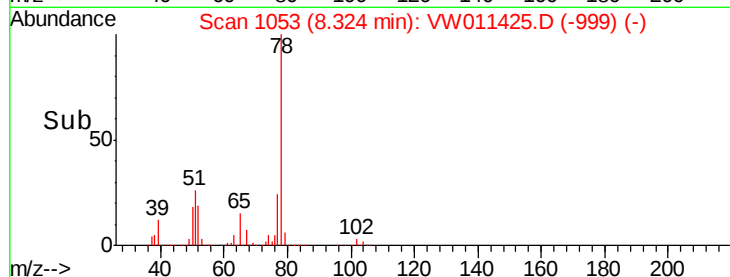
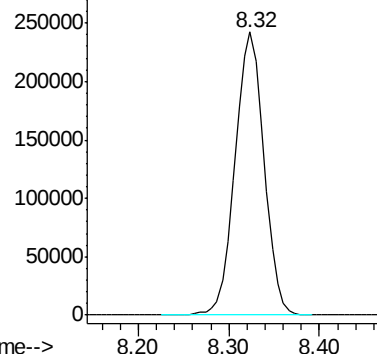
ClientSampleId :

A52F0MSD

Tgt Ion: 78 Resp: 535930



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 25.800 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW011425.D

Acq: 22 Jul 2019 17:44

Tgt Ion: 95 Resp: 119792

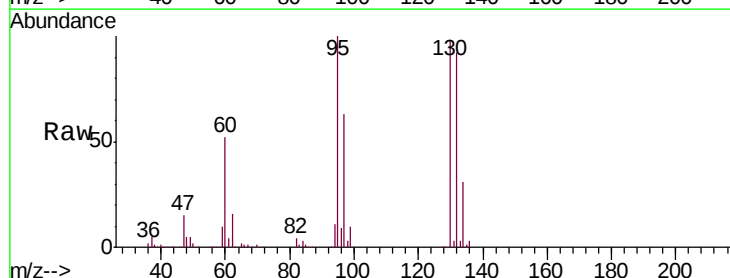
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.6	82.8
132	92.5	66.0	122.6
130	98.0	68.4	127.0

95 100

97 64.0 44.6 82.8

132 92.5 66.0 122.6

130 98.0 68.4 127.0

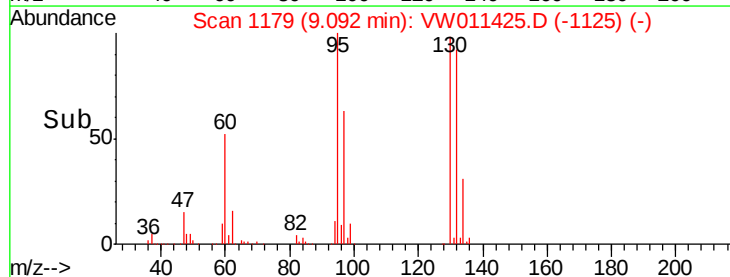
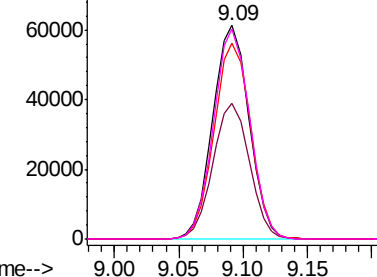


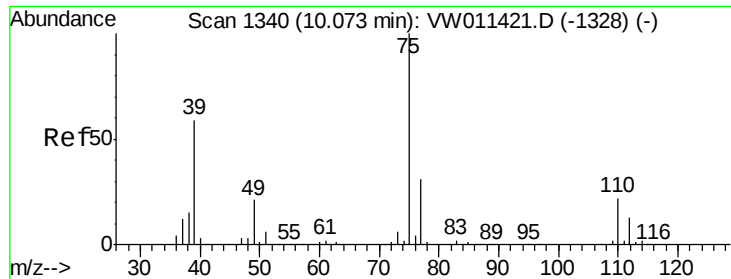
Abundance Ion 95.00 (94.70 to 95.70): VW

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

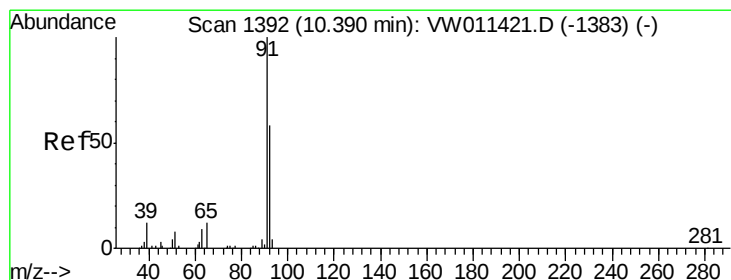
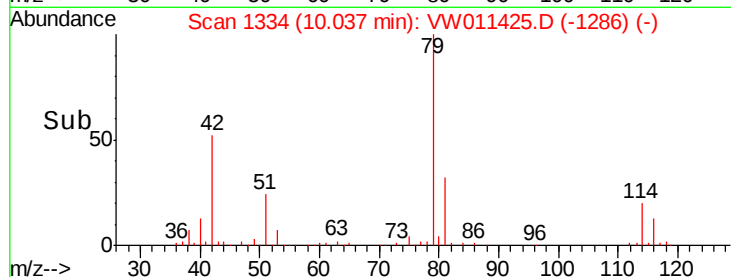
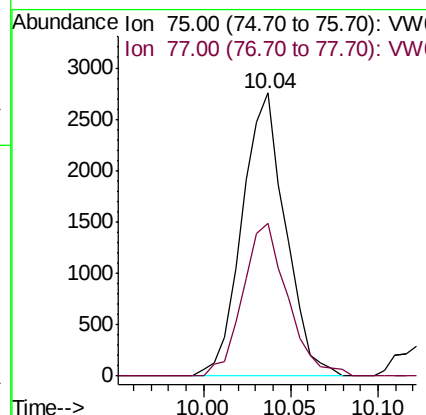
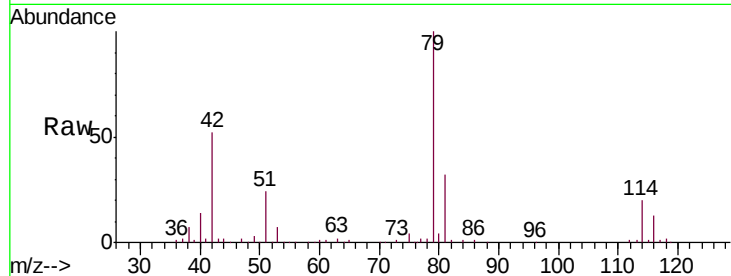




#42
 cis-1,3-Dichloropropene
 Concen: 0.645 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW011425.D
 Acq: 22 Jul 2019 17:44

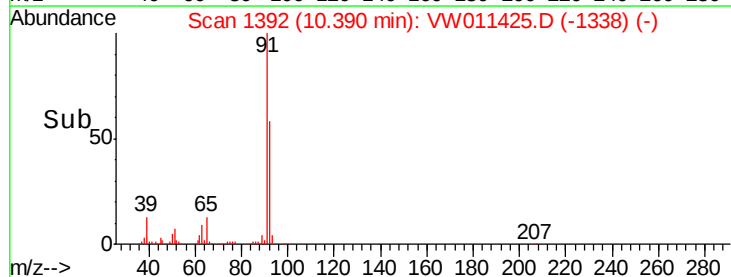
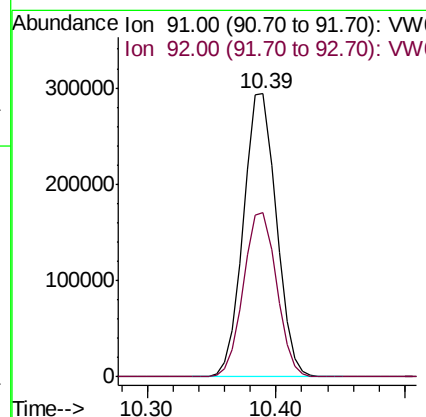
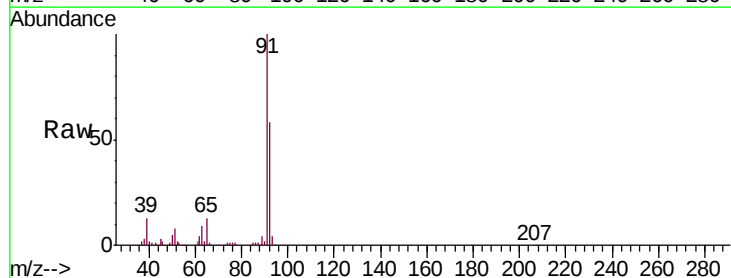
Instrument :
 MSVOA_W
 ClientSampleId :
 A52F0MSD

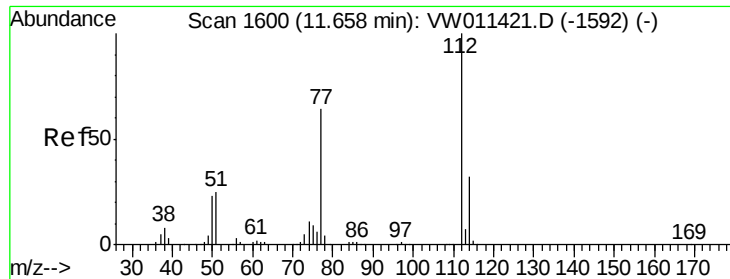
Tgt Ion: 75 Resp: 4759
 Ion Ratio Lower Upper
 75 100
 77 54.0 21.6 40.2#



#44
 Toluene
 Concen: 27.781 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW011425.D
 Acq: 22 Jul 2019 17:44

Tgt Ion: 91 Resp: 520543
 Ion Ratio Lower Upper
 91 100
 92 58.0 41.2 76.4





#52

Chlorobenzene

Concen: 23.017 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW011425.D

Acq: 22 Jul 2019 17:44

Instrument :

MSVOA_W

ClientSampleId :

A52F0MSD

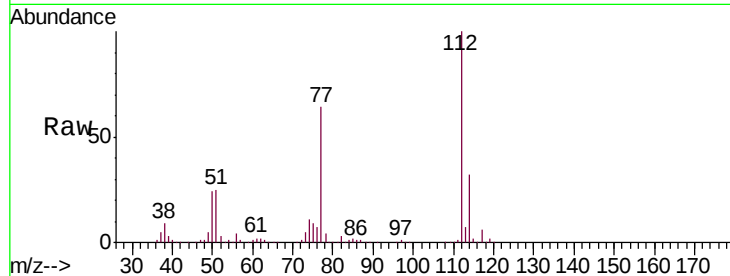
Tgt Ion: 112 Resp: 260090

Ion Ratio Lower Upper

112 100

77 63.9 52.2 78.2

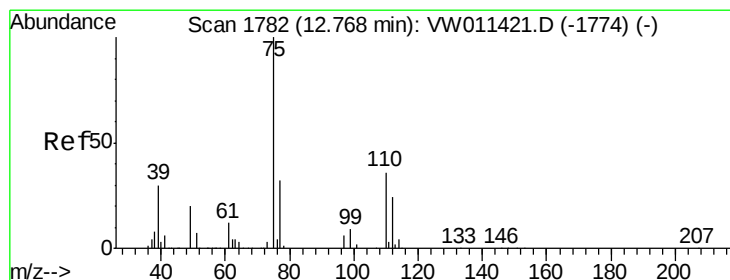
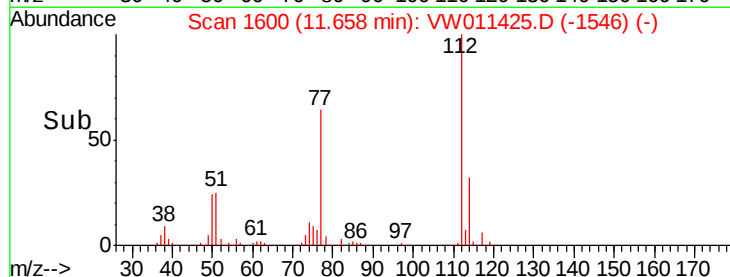
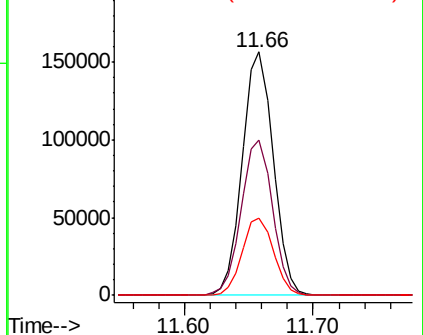
114 31.6 22.0 41.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V



#59

1,2,3-Trichloropropane

Concen: 3.404 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW011425.D

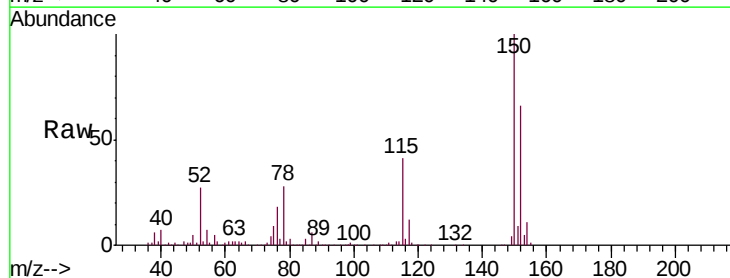
Acq: 22 Jul 2019 17:44

Tgt Ion: 75 Resp: 11100

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

