

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 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 05:21:59 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

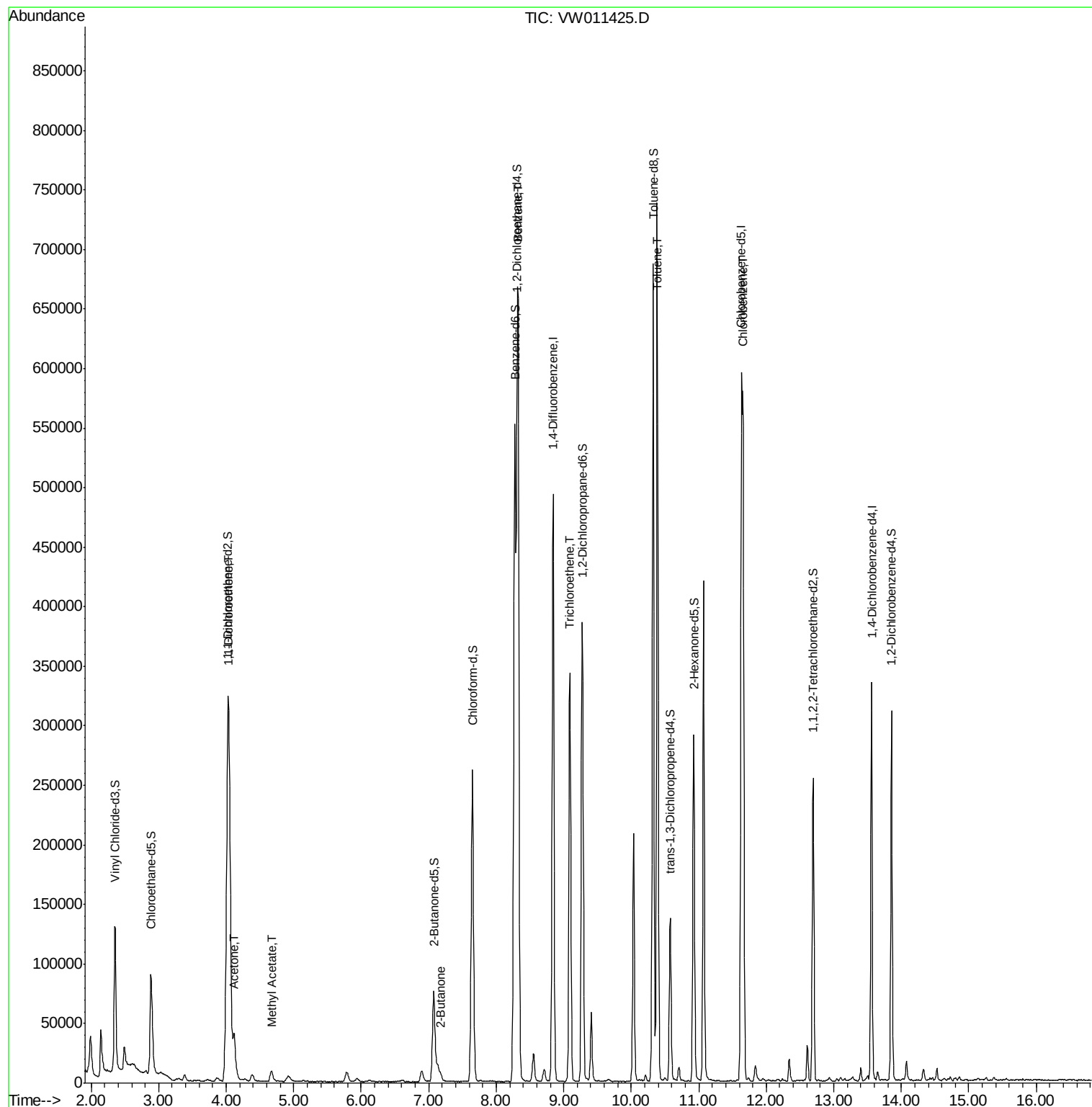
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	119446	23.350	ug/L	88
13) Acetone	4.12	43	56008	24.180	ug/L	98
15) Methyl Acetate	4.67	43	18527	5.209	ug/L	99
21) 2-Butanone	7.18	43	9047	3.039	ug/L	95
34) Benzene	8.32	78	535930	29.337	ug/L	100
35) Trichloroethene	9.09	95	119792	25.800	ug/L	99
44) Toluene	10.39	91	520543	27.781	ug/L	99
52) Chlorobenzene	11.66	112	260090	23.017	ug/L	99

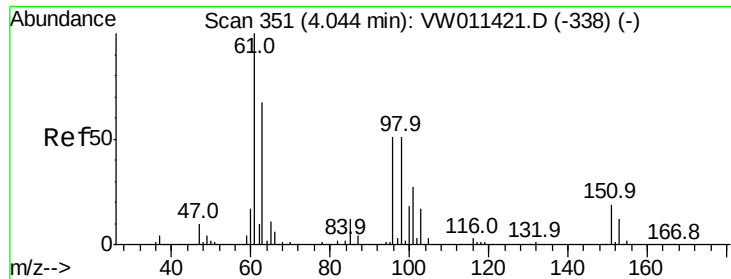
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

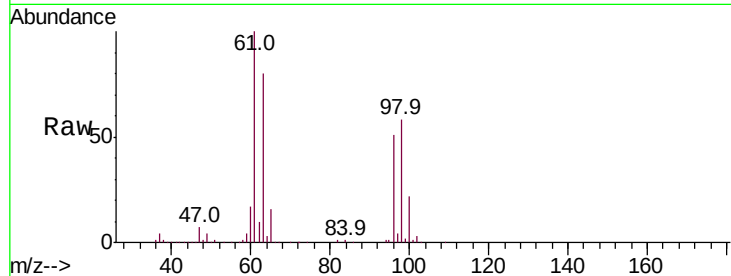
MSVOA_W

ClientSampleId :

A52F0MSD

Tot Ion: 96 Resp: 119446

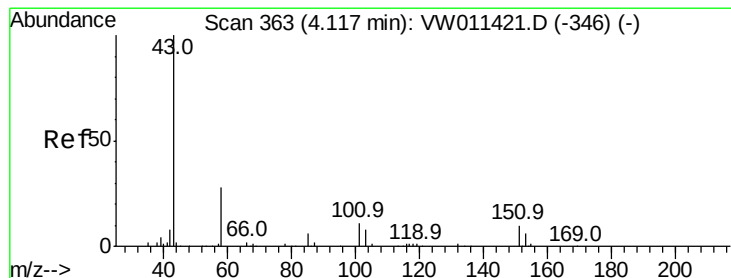
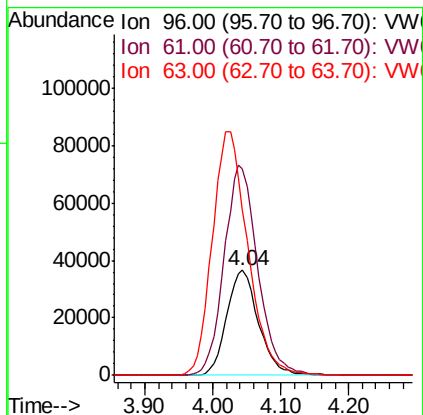
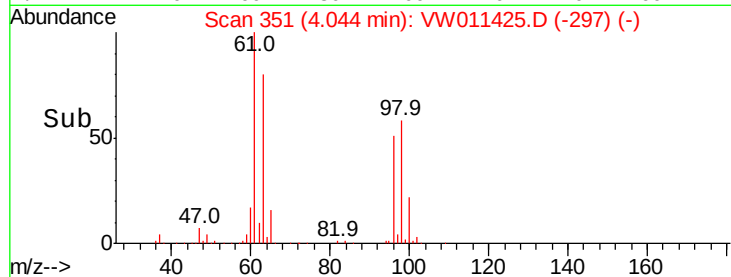
Ion	Ratio	Lower	Upper
96	100		
61	196.5	133.2	247.4
63	156.8	89.9	166.9



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 24.180 ug/L

RT: 4.12 min Scan# 363

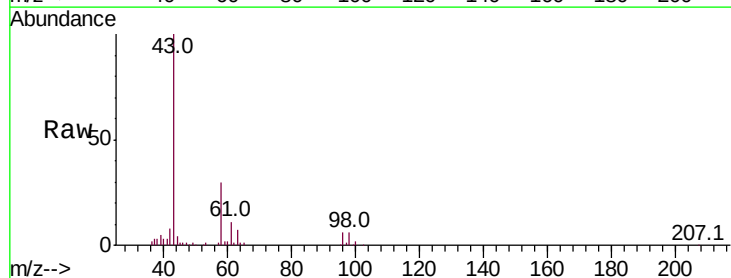
Delta R.T. -0.00 min

Lab File: VW011425.D

Acq: 22 Jul 2019 17:44

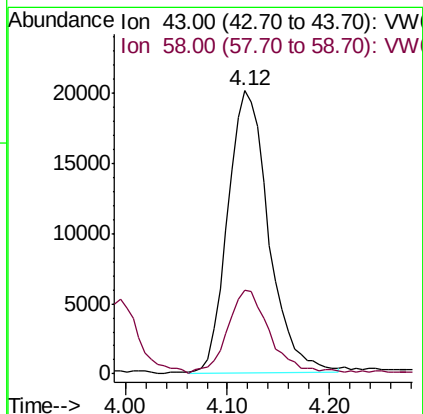
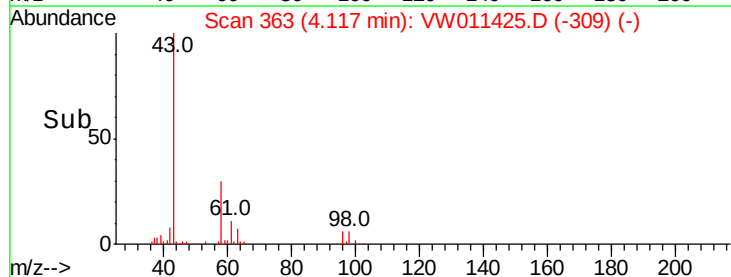
Tgt Ion: 43 Resp: 56008

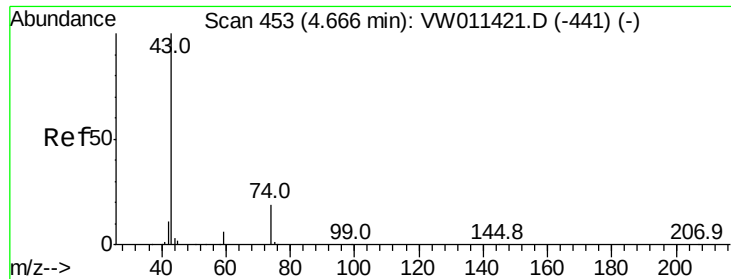
Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	57.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

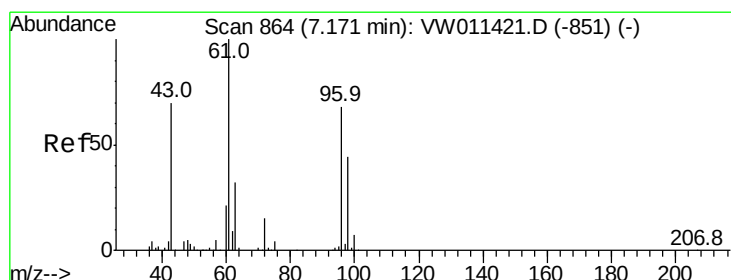
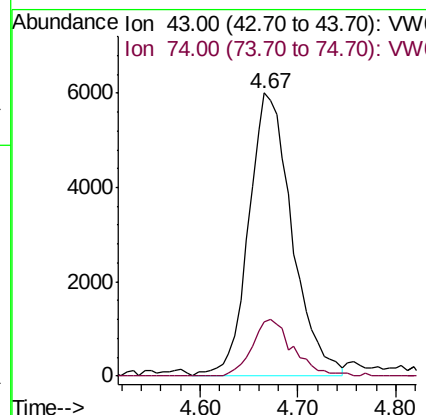
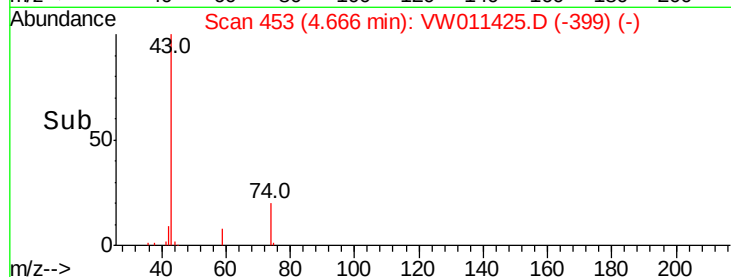
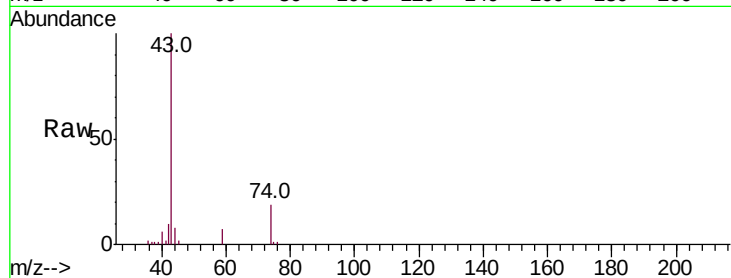




#15
Methvl Acetate
Concen: 5.209 ug/L
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW011425.D
Acq: 22 Jul 2019 17:44

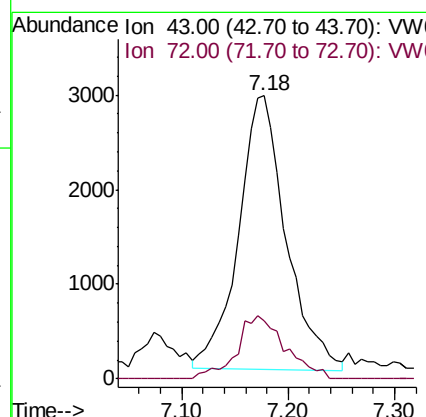
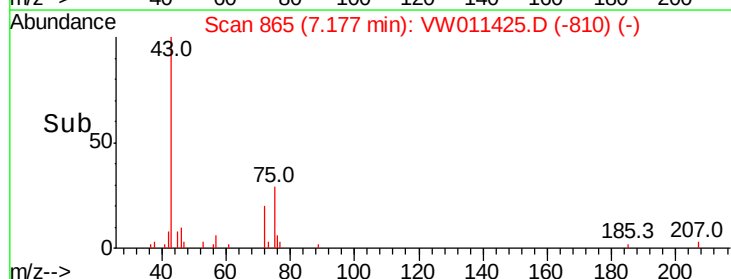
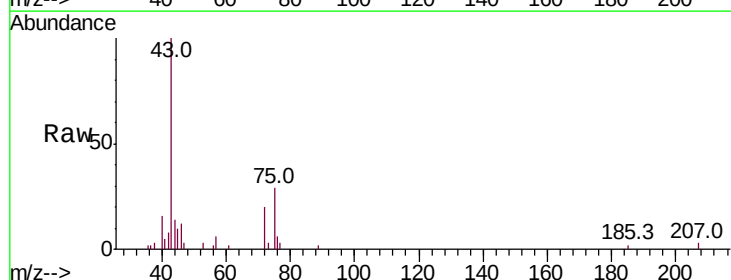
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A52F0MSD

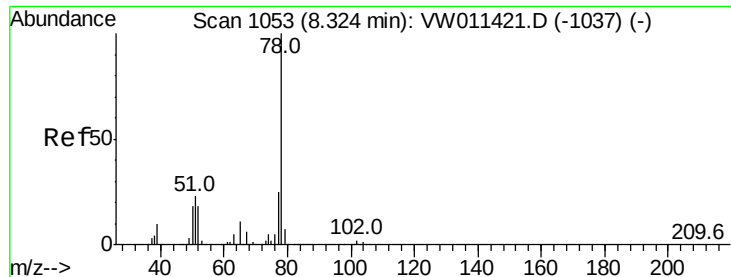
Tot Ion: 43 Resp: 18527
Ion Ratio Lower Upper
43 100
74 18.7 15.2 22.8



#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

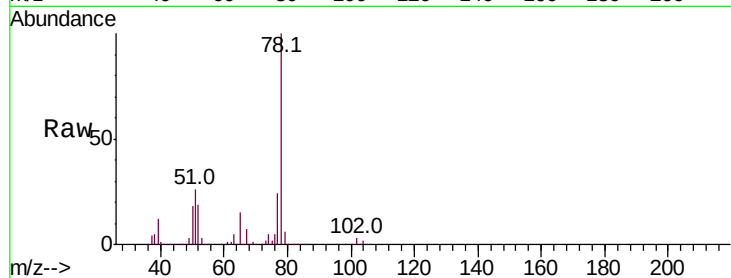
Instrument :

MSVOA_W

ClientSampleId :

A52F0MSD

Tgt Ion: 78 Resp: 535930



Abundance Ion 78.00 (77.70 to 78.70): VW

8.32

250000

200000

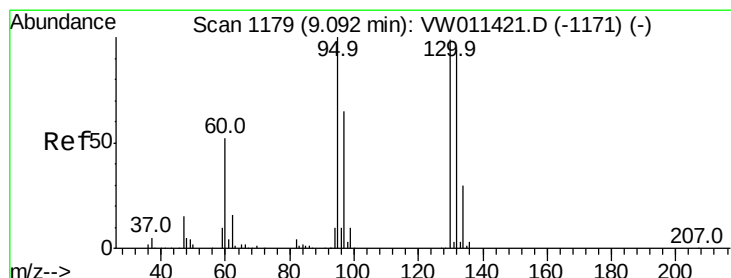
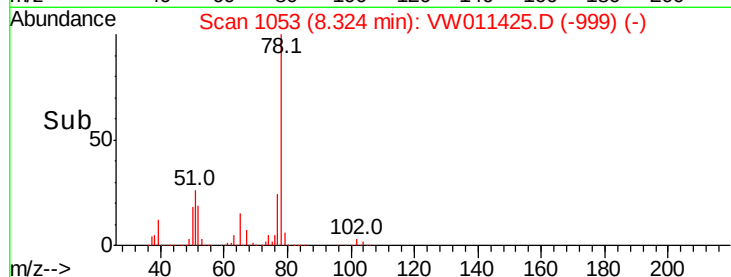
150000

100000

50000

0

Time-->



#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

9.09

80000

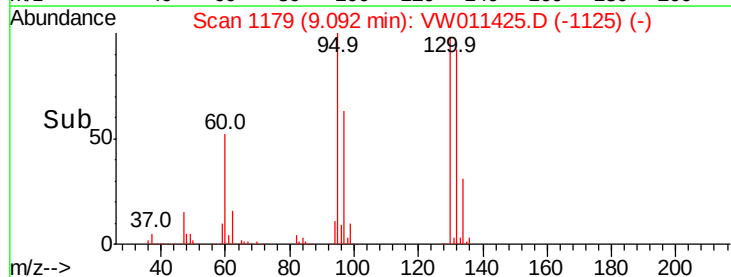
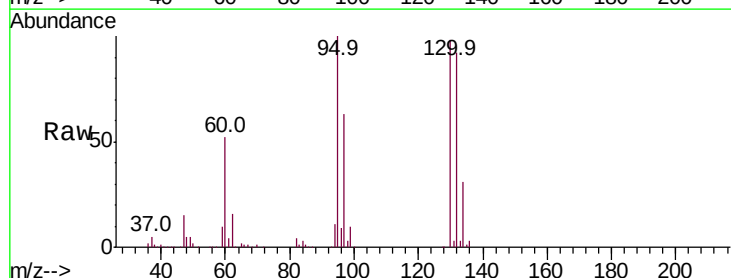
60000

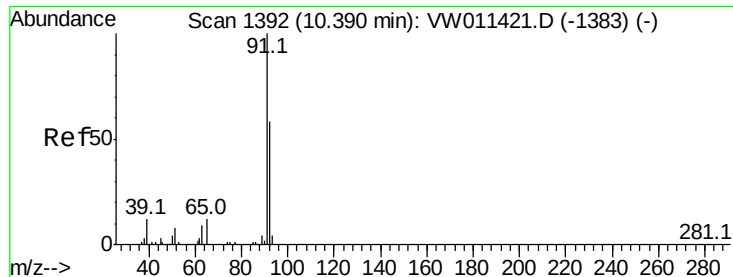
40000

20000

0

Time-->





#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

Instrument :

MSVOA_W

ClientSampleId :

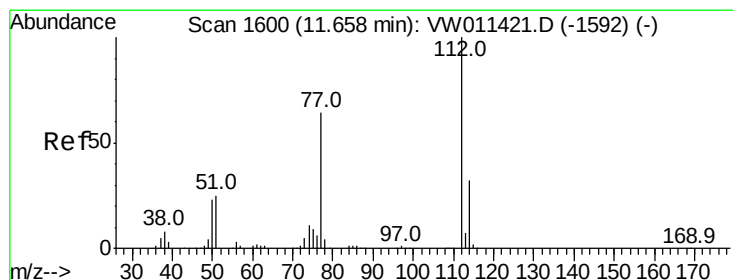
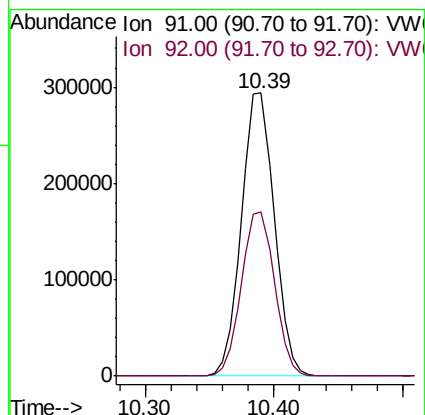
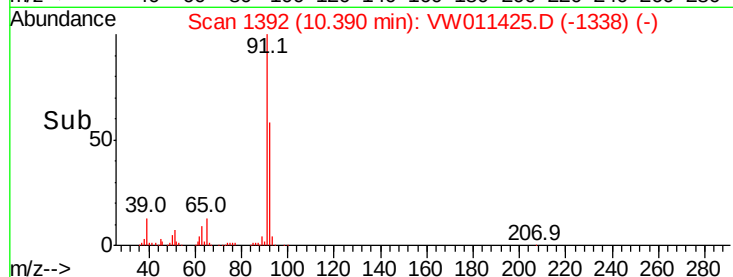
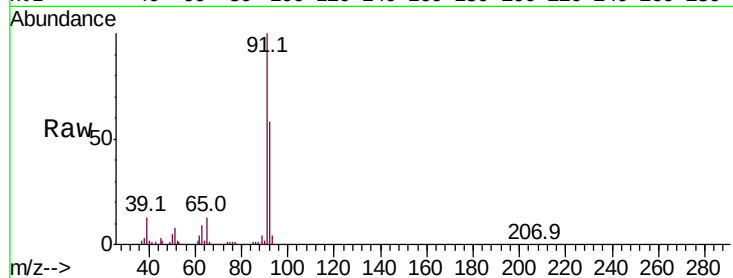
A52F0MSD

Tot 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

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

