

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102818\
 Data File : VW006418.D
 Acq On : 26 Oct 2018 20:39
 Operator : SY/AP
 Sample : J5635-29MSD
 Misc : 5.18G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40H7MSD

Quant Time: Oct 26 23:50:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 26 23:43:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	368965	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	336493	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	162477	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	77436	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
7) Chloroethane-d5	2.90	69	83104	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
10) 1,1-Dichloroethene-d2	4.02	63	175567	21.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.88%
20) 2-Butanone-d5	7.09	46	45047	32.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.32%
24) Chloroform-d	7.65	84	201095	25.16	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	8.31	65	112683	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	8.28	84	392019	25.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.64%
33) 1,2-Dichloropropane-d6	9.28	67	119414	25.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.60%
37) Toluene-d8	10.33	98	379392	24.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.32%
38) trans-1,3-Dichloropropene-	10.58	79	43292	19.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.28%
39) 2-Hexanone-d5	10.93	63	36594	32.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	103234	23.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	146349	26.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.12%

Target Compounds

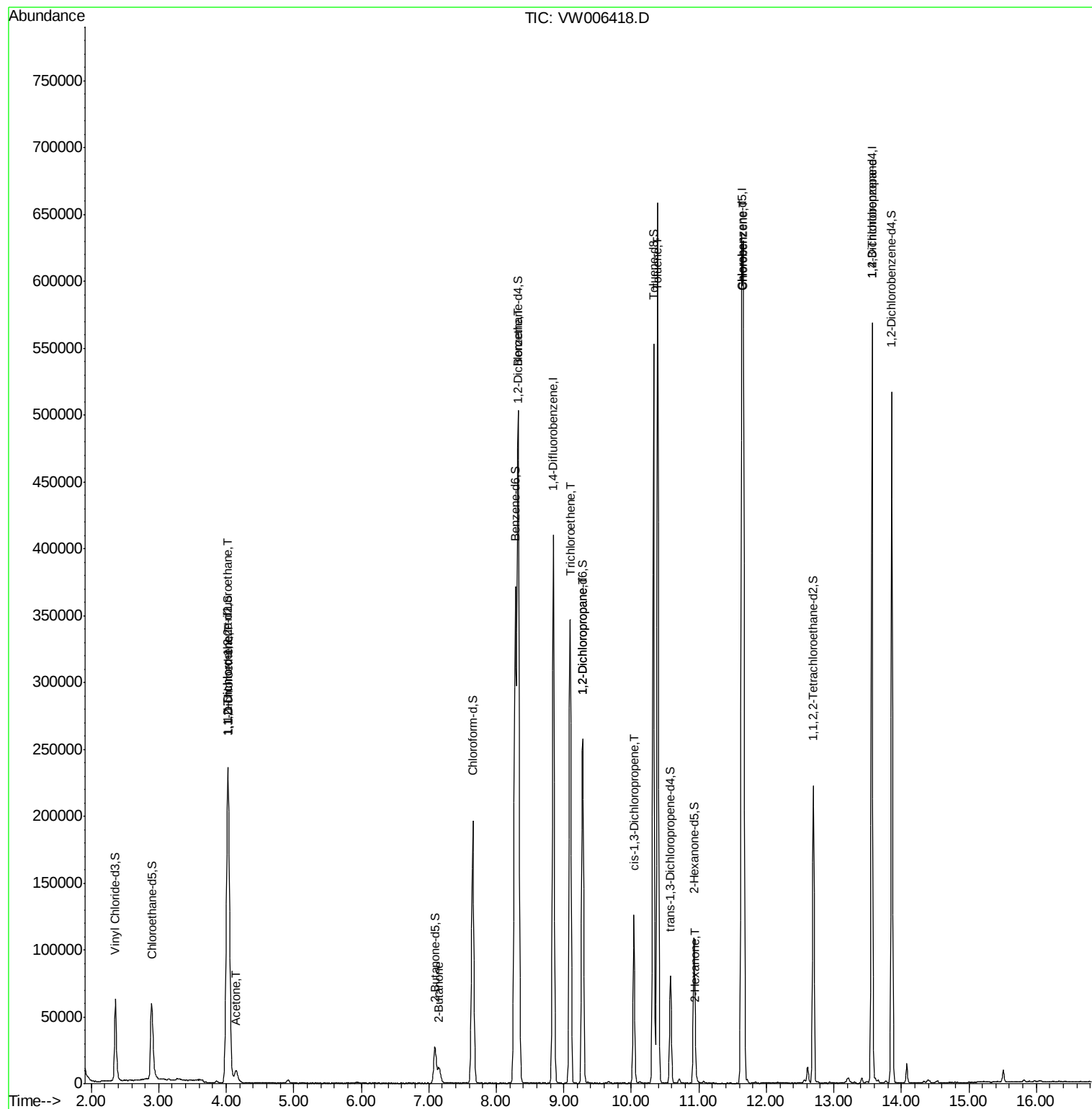
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	1544	0.350	ug/L #	15
12) 1,1-Dichloroethene	4.04	96	99520	23.493	ug/L #	78
13) Acetone	4.15	43	15844	11.371	ug/L	97
21) 2-Butanone	7.16	43	4839	2.614	ug/L #	50
34) Benzene	8.33	78	435323	25.201	ug/L	100
35) Trichloroethene	9.10	95	119308	24.548	ug/L	99
40) 1,2-Dichloropropane	9.28	63	13413	3.130	ug/L #	87
42) cis-1,3-Dichloropropene	10.04	75	3224	0.461	ug/L #	75
44) Toluene	10.39	91	491200	25.325	ug/L	99
49) 2-Hexanone	10.96	43	3136	1.239	ug/L #	40
52) Chlorobenzene	11.66	112	325893	24.828	ug/L	98
59) 1,2,3-Trichloropropane	13.56	75	16498	4.768	ug/L #	87

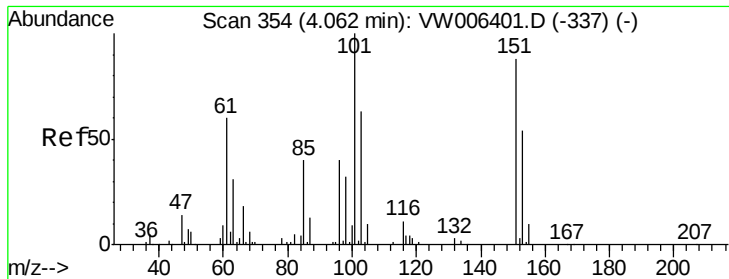
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 26 23:43:44 2018
Response via : Initial Calibration





#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.350 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.05 min

Lab File: VW006418.D

Acq: 26 Oct 2018 20:39

Instrument :

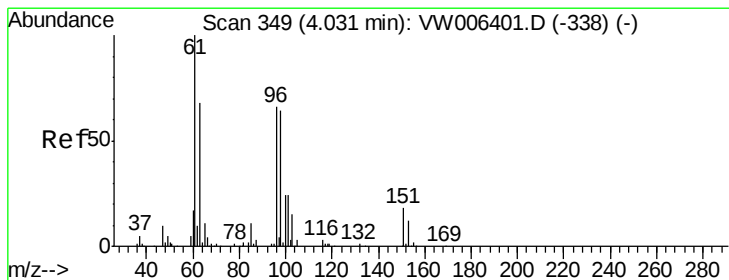
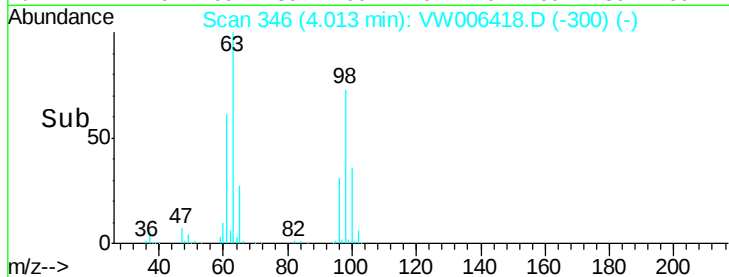
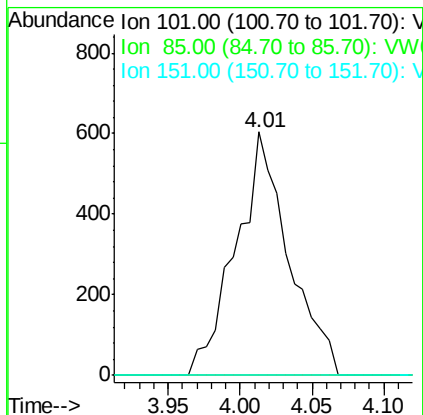
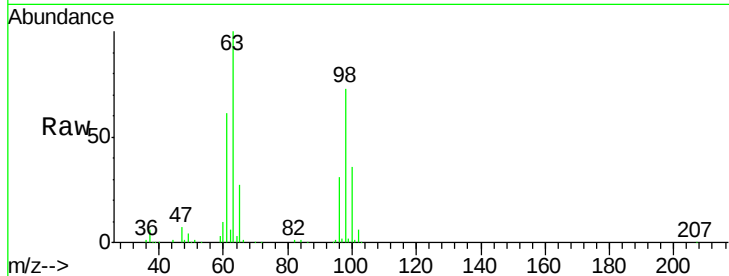
MSVOA_W

ClientSampleId :

A40H7MSD

Tgt Ion: 101 Resp: 1544

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.4	50.2#
151	0.0	68.7	103.1#



#12

1,1-Dichloroethene

Concen: 23.493 ug/L

RT: 4.04 min Scan# 350

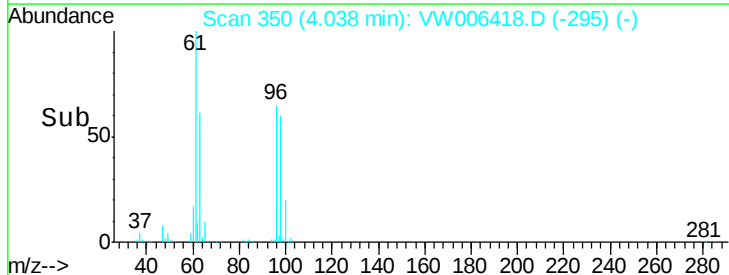
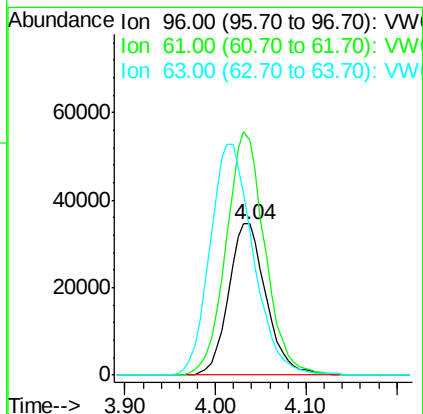
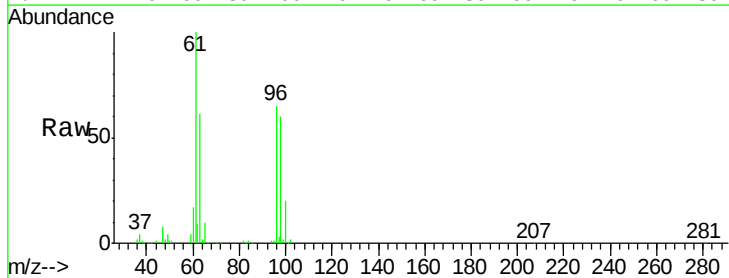
Delta R.T. 0.01 min

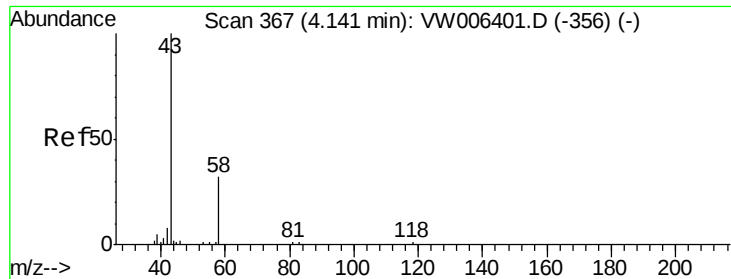
Lab File: VW006418.D

Acq: 26 Oct 2018 20:39

Tgt Ion: 96 Resp: 99520

Ion	Ratio	Lower	Upper
96	100		
61	155.0	112.3	208.7
63	94.8	102.6	190.6#

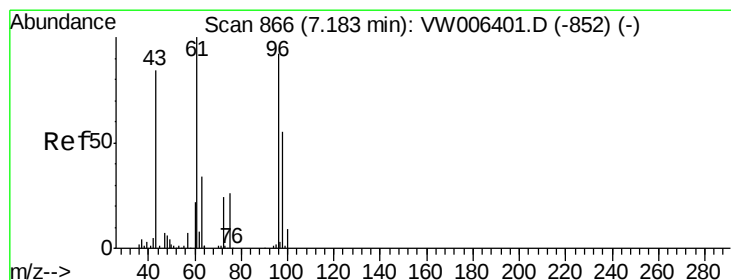
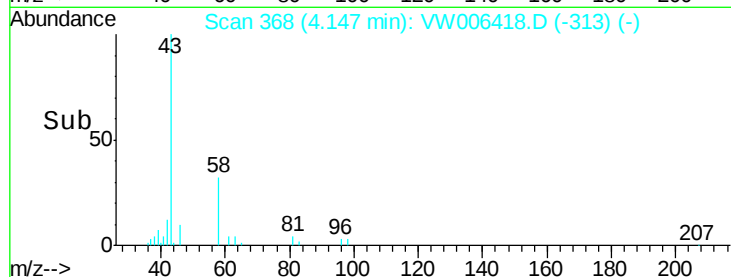
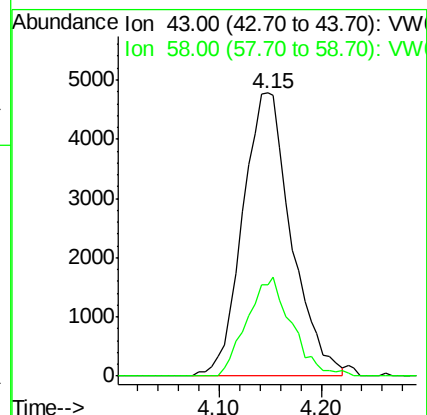
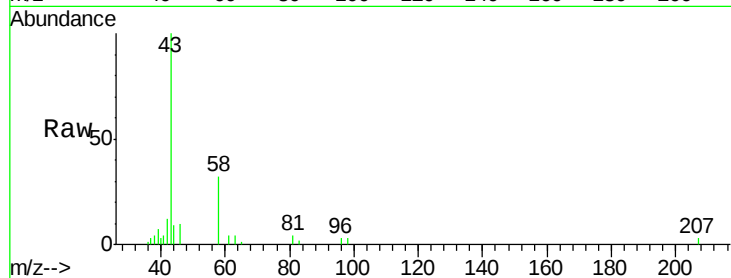




#13
Acetone
Concen: 11.371 ug/L
RT: 4.15 min Scan# 368
Delta R.T. 0.01 min
Lab File: VW006418.D
Acq: 26 Oct 2018 20:39

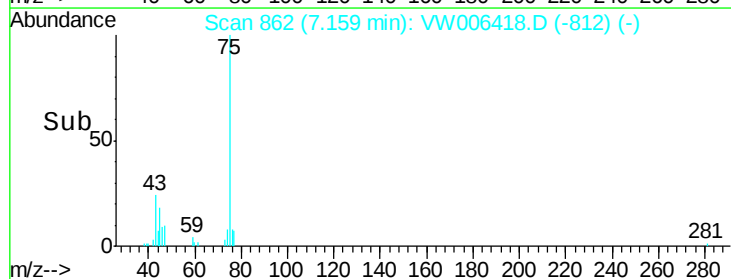
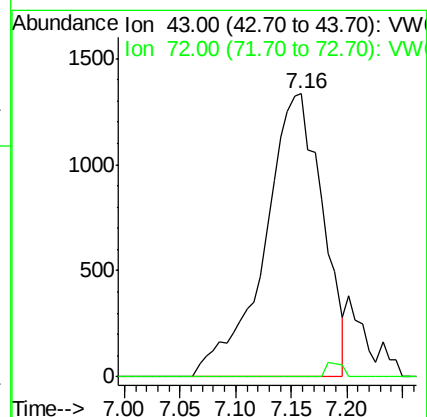
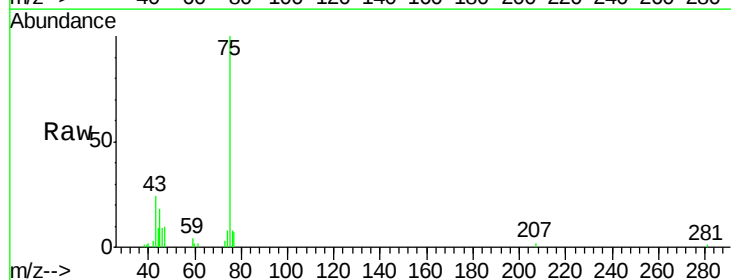
Instrument :
MSVOA_W
ClientSampleId :
A40H7MSD

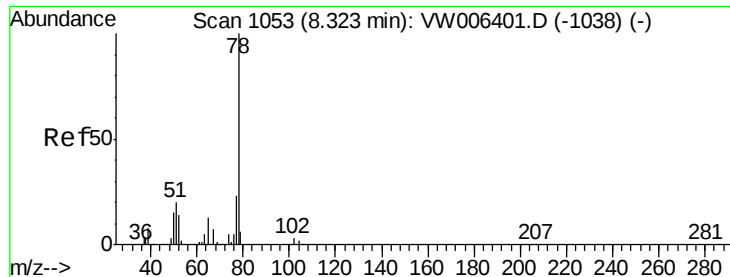
Tgt Ion: 43 Resp: 15844
Ion Ratio Lower Upper
43 100
58 32.2 0.0 61.2



#21
2-Butanone
Concen: 2.614 ug/L
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW006418.D
Acq: 26 Oct 2018 20:39

Tgt Ion: 43 Resp: 4839
Ion Ratio Lower Upper
43 100
72 1.4 13.8 41.4#





#34

Benzene

Concen: 25.201 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW006418.D

Acq: 26 Oct 2018 20:39

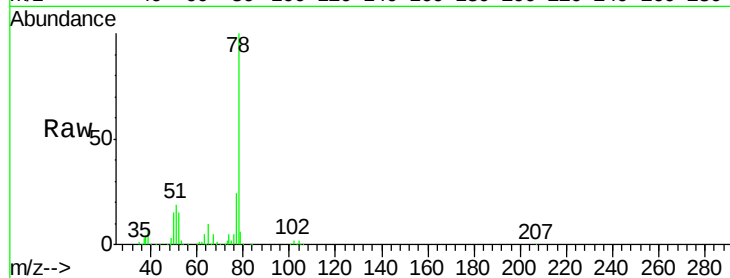
Instrument :

MSVOA_W

ClientSampleId :

A40H7MSD

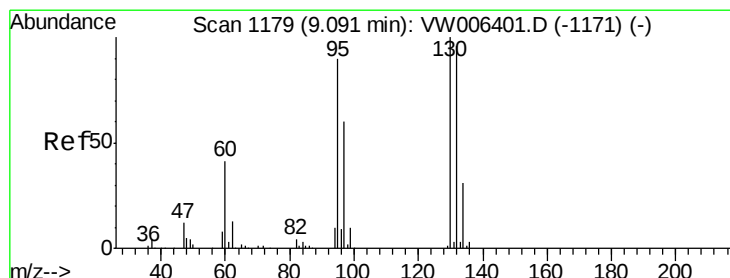
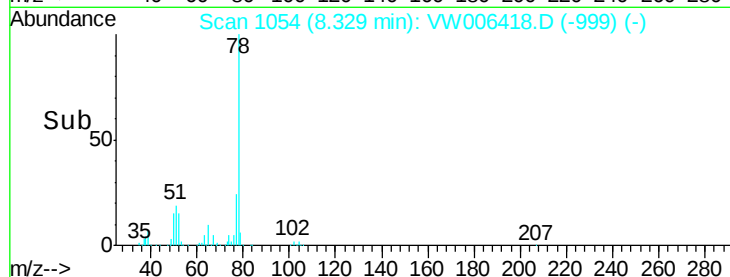
Tgt Ion: 78 Resp: 435323



Abundance Ion 78.00 (77.70 to 78.70): VW

8.33

Time-->



#35

Trichloroethene

Concen: 24.548 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW006418.D

Acq: 26 Oct 2018 20:39

Tgt Ion: 95 Resp: 119308

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.8	85.0
132	105.7	72.9	135.3
130	108.6	75.8	140.8

Abundance Ion 95.00 (94.70 to 95.70): VW

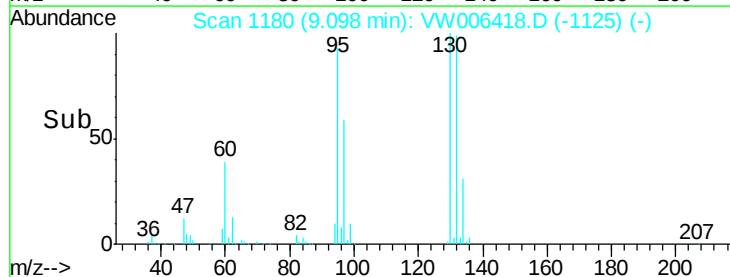
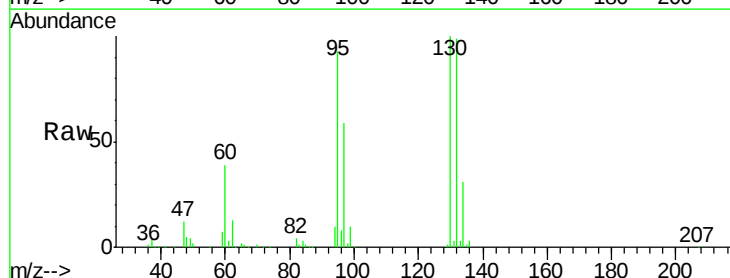
Ion 97.00 (96.70 to 97.70): VW

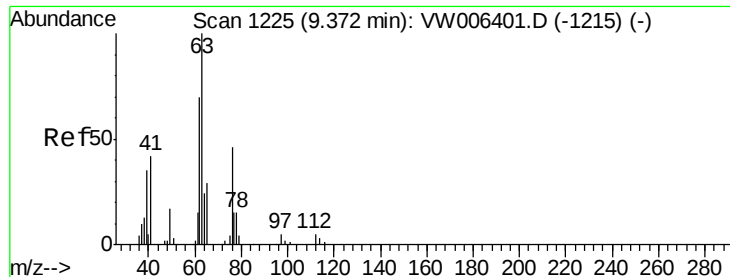
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

9.10

Time-->





#40

1,2-Dichloropropane

Concen: 3.130 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW006418.D

Acq: 26 Oct 2018 20:39

Instrument :

MSVOA_W

ClientSampleId :

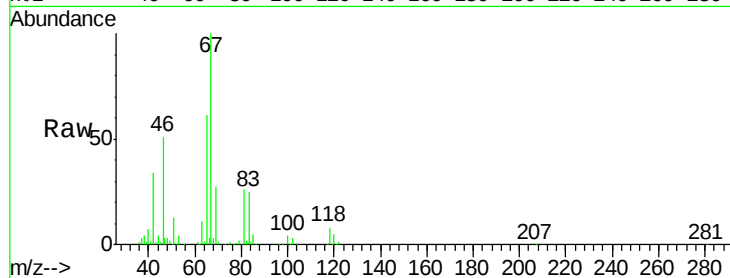
A40H7MSD

Tgt Ion: 63 Resp: 13413

Ion Ratio Lower Upper

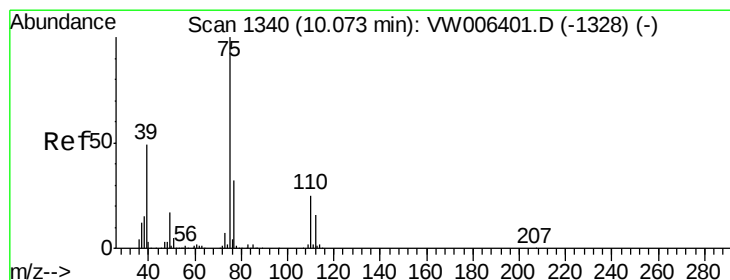
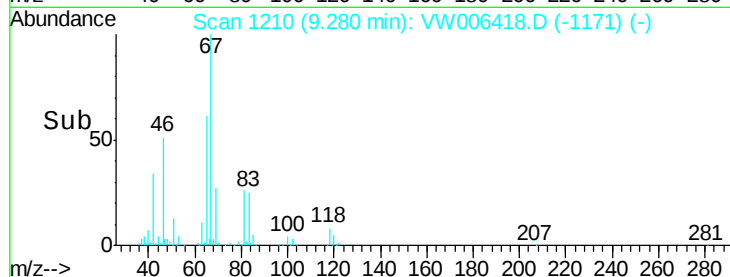
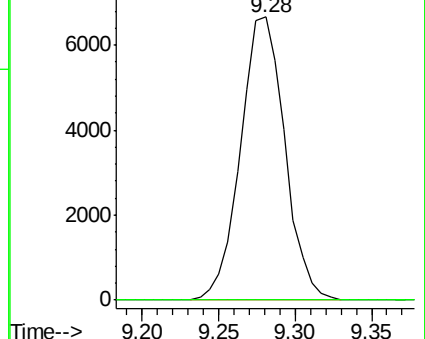
63 100

112 0.0 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: 0.461 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW006418.D

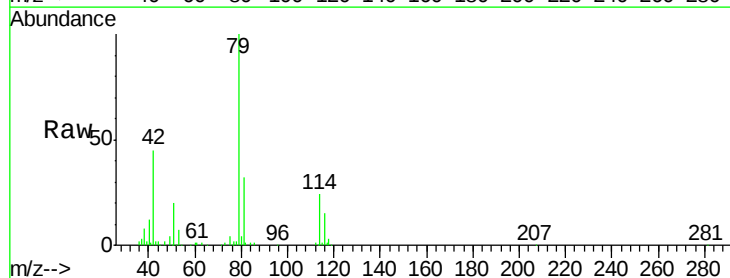
Acq: 26 Oct 2018 20:39

Tgt Ion: 75 Resp: 3224

Ion Ratio Lower Upper

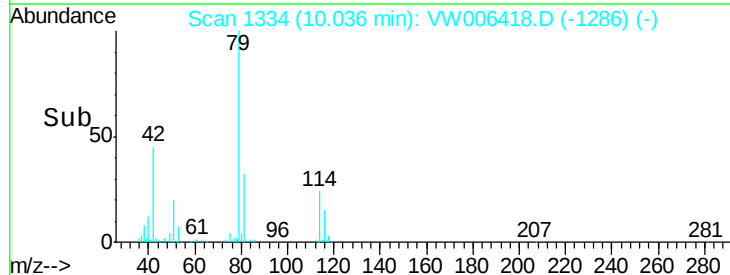
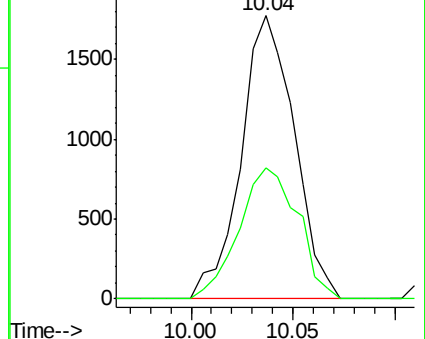
75 100

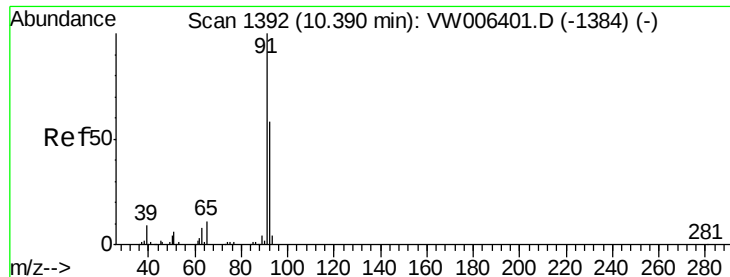
77 46.3 22.6 42.0#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 25.325 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006418.D

Acq: 26 Oct 2018 20:39

Instrument :

MSVOA_W

ClientSampleId :

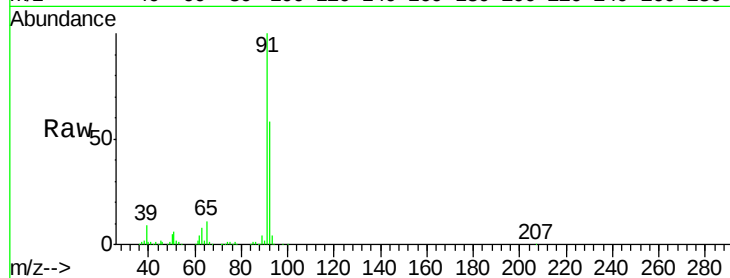
A40H7MSD

Tgt Ion: 91 Resp: 491200

Ion Ratio Lower Upper

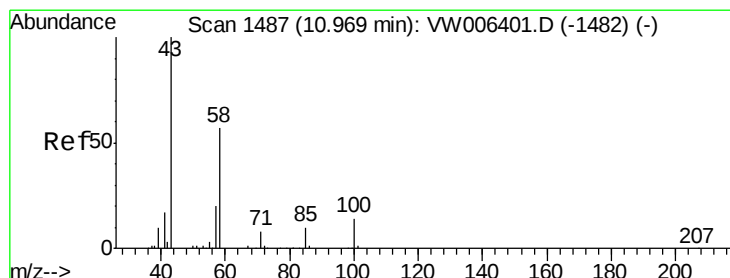
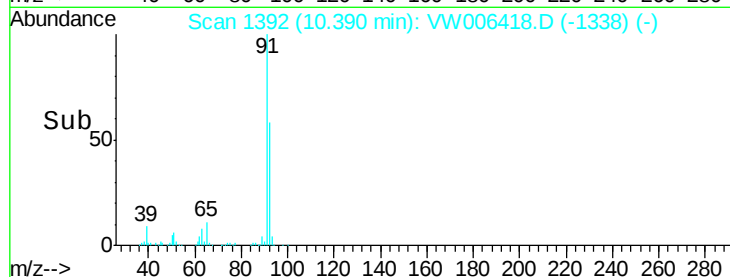
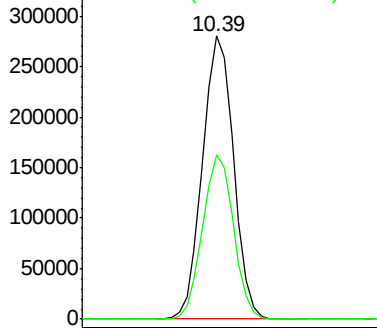
91 100

92 58.3 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#49

2-Hexanone

Concen: 1.239 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW006418.D

Acq: 26 Oct 2018 20:39

Tgt Ion: 43 Resp: 3136

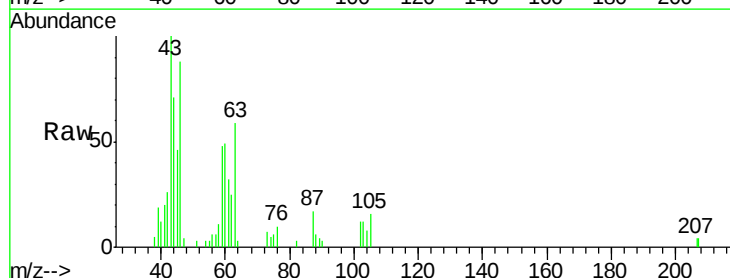
Ion Ratio Lower Upper

43 100

58 0.8 42.1 63.1#

57 0.0 15.1 22.7#

100 0.0 9.9 14.9#

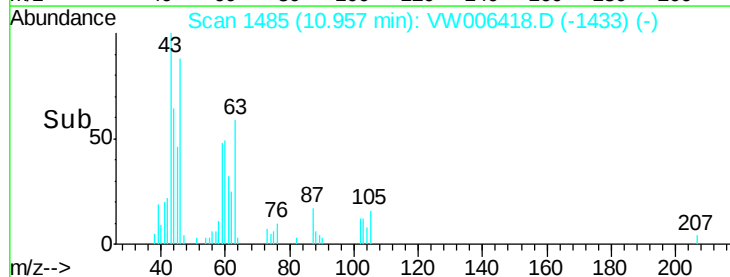
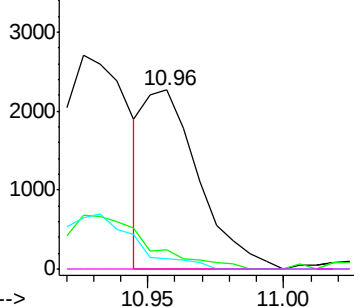


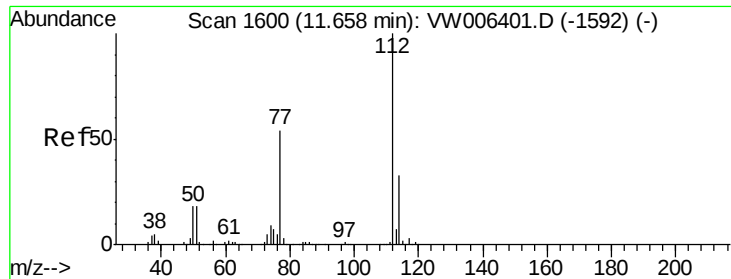
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

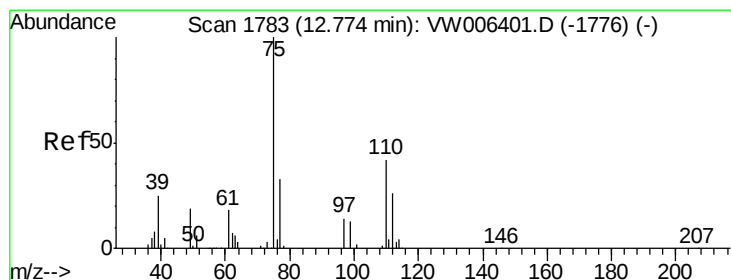
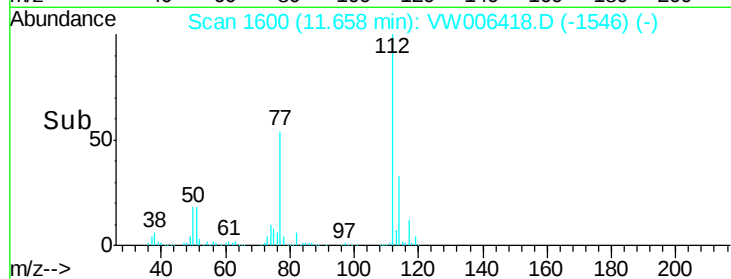
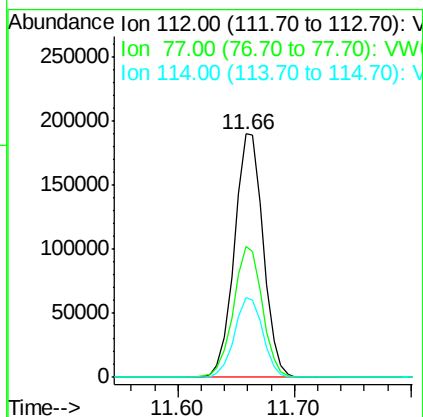
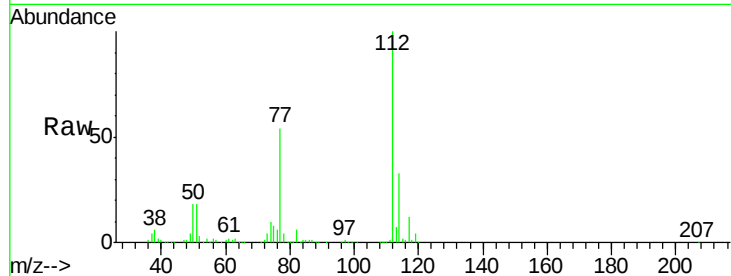




#52
Chlorobenzene
Concen: 24.828 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006418.D
Acq: 26 Oct 2018 20:39

Instrument :
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ClientSampleId :
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Tgt Ion: 112 Resp: 325893
Ion Ratio Lower Upper
112 100
77 54.0 44.2 66.2
114 32.5 22.1 41.1



#59
1,2,3-Trichloropropane
Concen: 4.768 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW006418.D
Acq: 26 Oct 2018 20:39

Tgt Ion: 75 Resp: 16498
Ion Ratio Lower Upper
75 100
77 39.6 25.9 38.9#

