

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072220\
 Data File : VW015901.D
 Acq On : 22 Jul 2020 11:36
 Operator : SY/VA
 Sample : L3348-01RE
 Misc : 5.54G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY7

Quant Time: Jul 23 03:05:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 23 03:03:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	497208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374614	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98748	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	147025	20.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.84%
7) Chloroethane-d5	2.90	69	111147	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
10) 1,1-Dichloroethene-d2	4.01	63	207366	14.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.48%
20) 2-Butanone-d5	7.09	46	69370	37.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.28%
24) Chloroform-d	7.65	84	252211	18.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.24%
26) 1,2-Dichloroethane-d4	8.31	65	140718	18.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.44%
29) Benzene-d6	8.27	84	502999	22.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.24%
33) 1,2-Dichloropropane-d6	9.27	67	150638	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.16%
37) Toluene-d8	10.32	98	415307	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.44%
38) trans-1,3-Dichloropropene-	10.58	79	55120	18.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.68%
39) 2-Hexanone-d5	10.93	63	49263	43.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97345	18.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	70733	18.37	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.48%#

Target Compounds

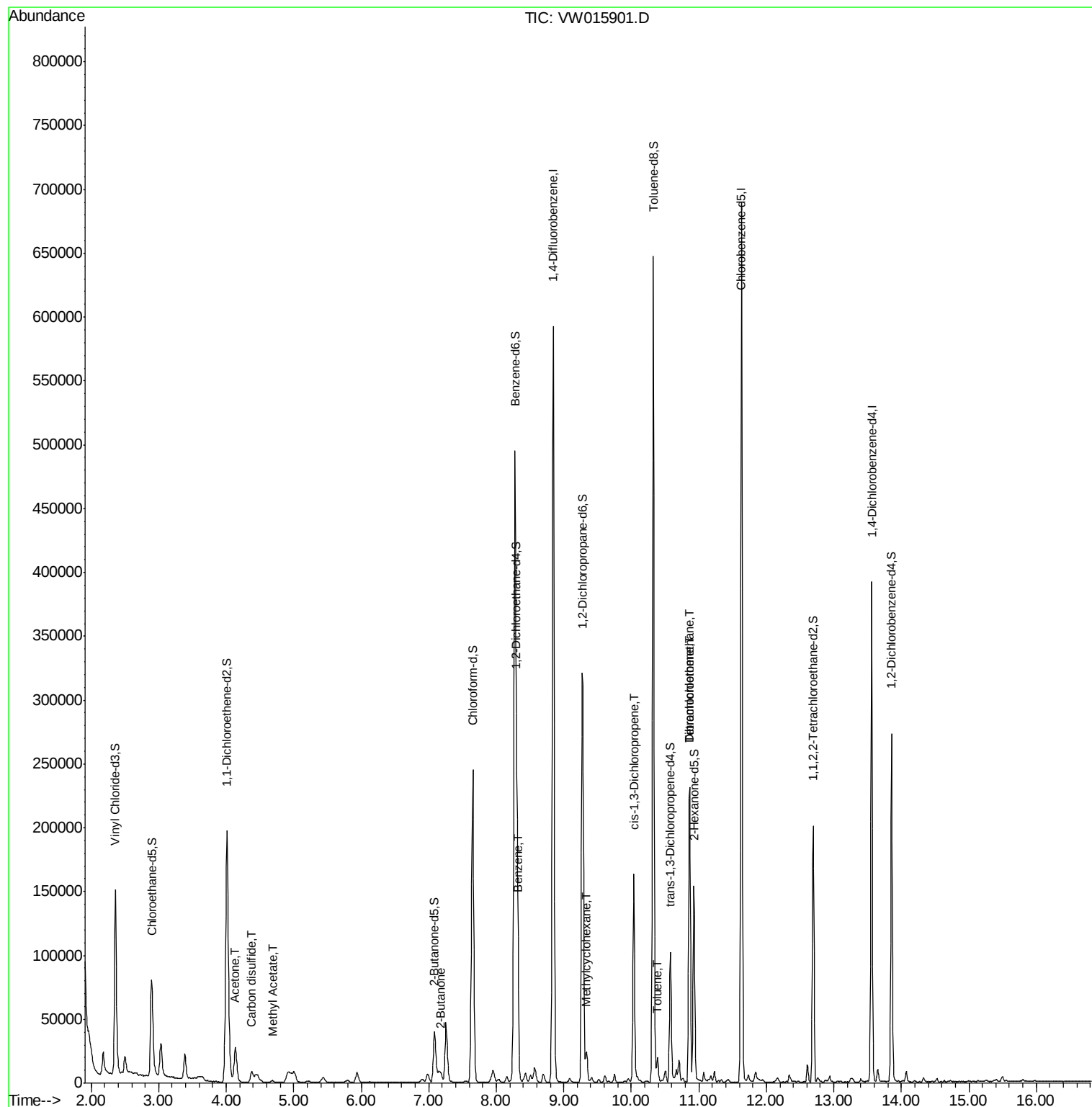
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.14	43	48617	31.413	ug/L	97
14) Carbon disulfide	4.38	76	18260	0.905	ug/L	99
15) Methyl Acetate	4.68	43	2214	0.759	ug/L	99
21) 2-Butanone	7.18	43	5955	3.112	ug/L	76
34) Benzene	8.33	78	11260	0.495	ug/L	100
36) Methylcyclohexane	9.34	83	8453	0.818	ug/L #	82
42) cis-1,3-Dichloropropene	10.04	75	4053	0.472	ug/L #	64
44) Toluene	10.39	91	13852	0.580	ug/L	96
47) Tetrachloroethene	10.87	164	52635	11.266	ug/L	92
50) Dibromochloromethane	10.87	129	49108	10.465	ug/L #	11

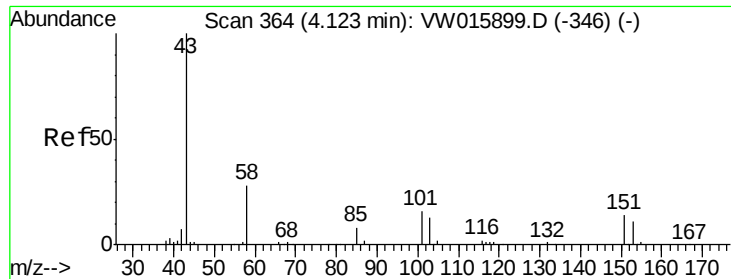
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072220\
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GAXY7

Quant Time: Jul 23 03:05:03 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
Quant Title : VOC Analysis
QLast Update : Thu Jul 23 03:03:27 2020
Response via : Initial Calibration





#13

Acetone

Concen: 31.413 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW015901.D

Acq: 22 Jul 2020 11:36

Instrument :

MSVOA_W

ClientSampleId :

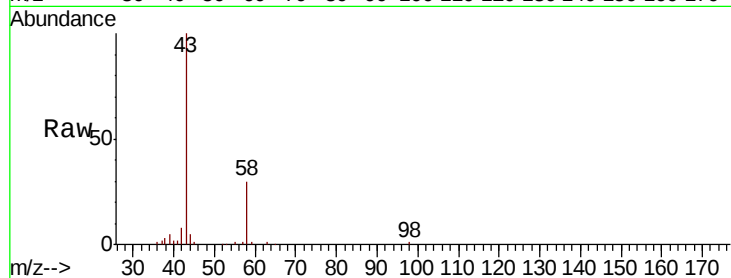
GAXY7

Tot Ion: 43 Resp: 48617

Ion Ratio Lower Upper

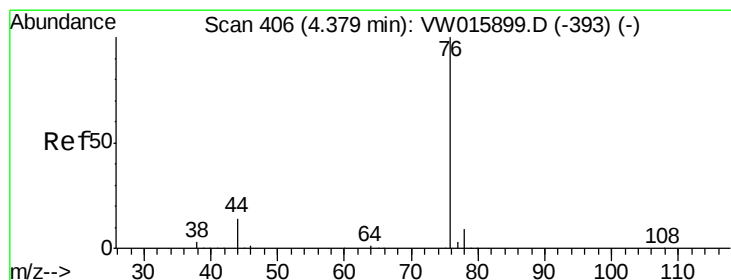
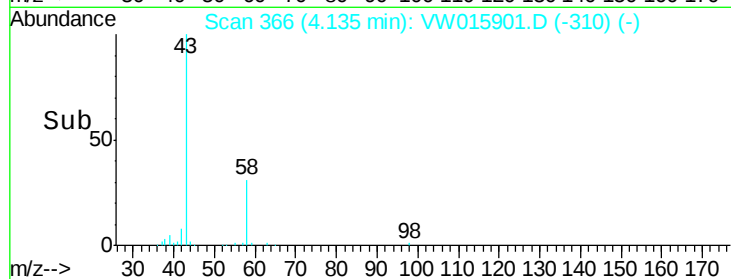
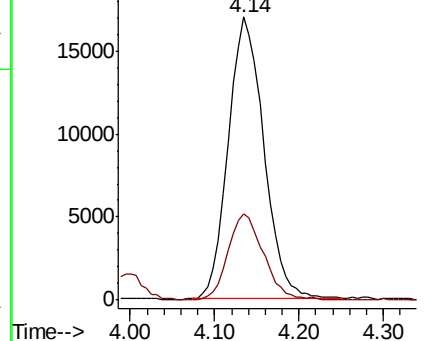
43 100

58 30.5 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.905 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015901.D

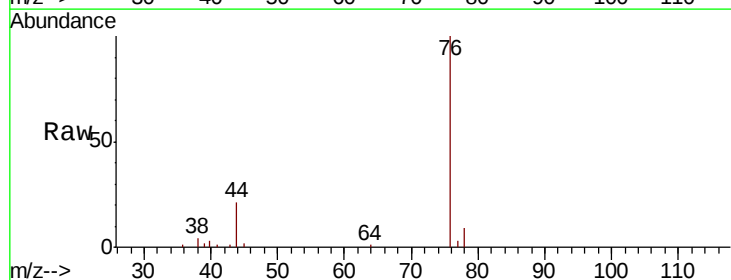
Acq: 22 Jul 2020 11:36

Tgt Ion: 76 Resp: 18260

Ion Ratio Lower Upper

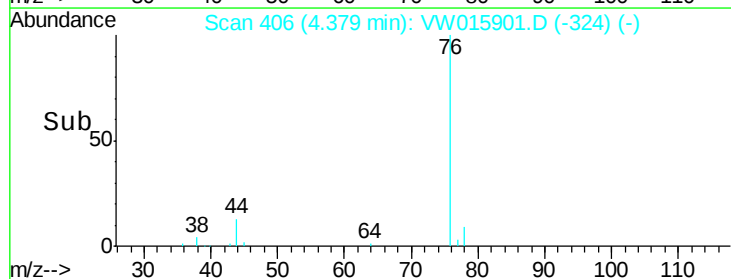
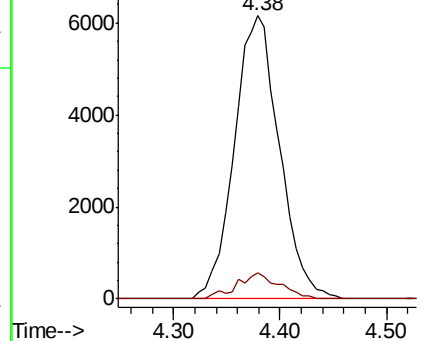
76 100

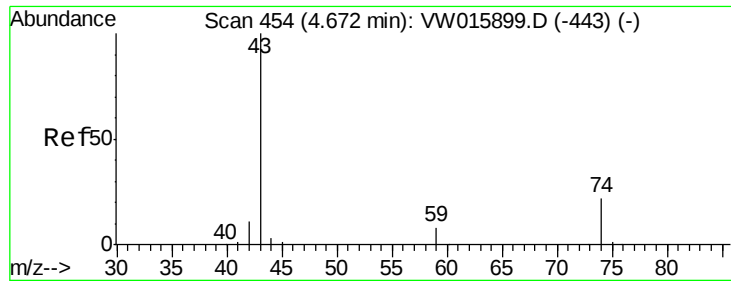
78 9.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

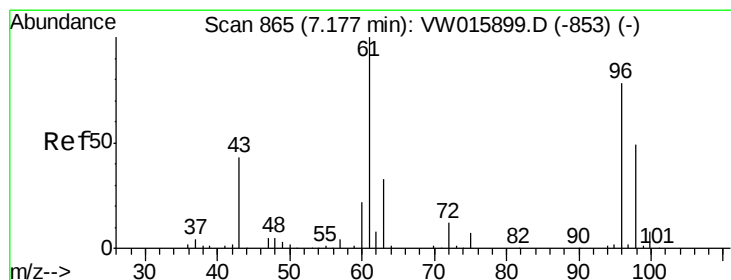
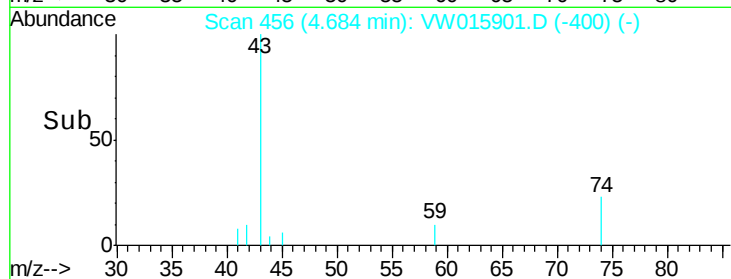
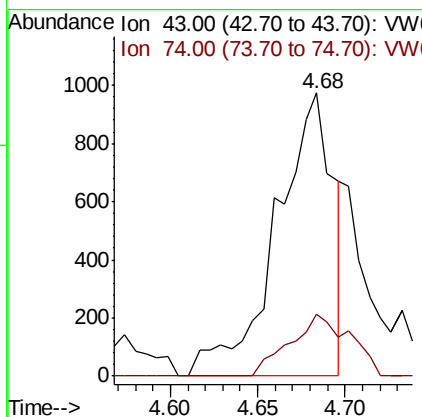
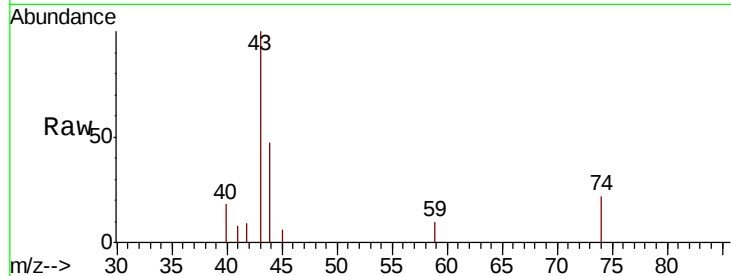




#15
Methyl Acetate
Concen: 0.759 ug/L
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW015901.D
Acq: 22 Jul 2020 11:36

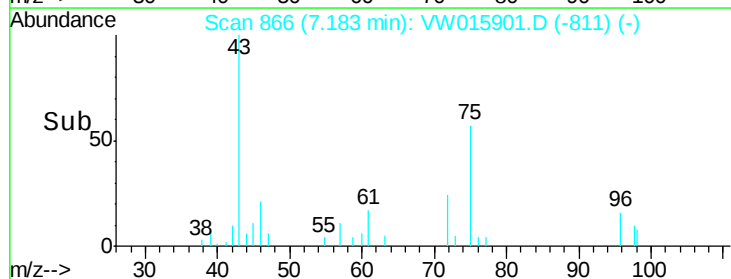
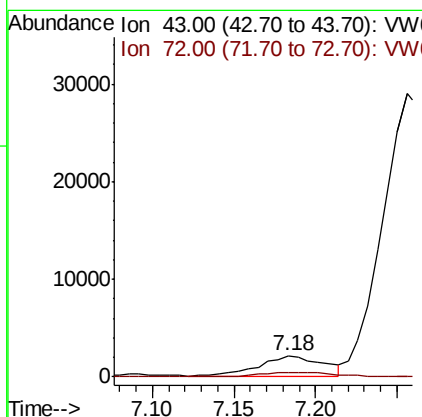
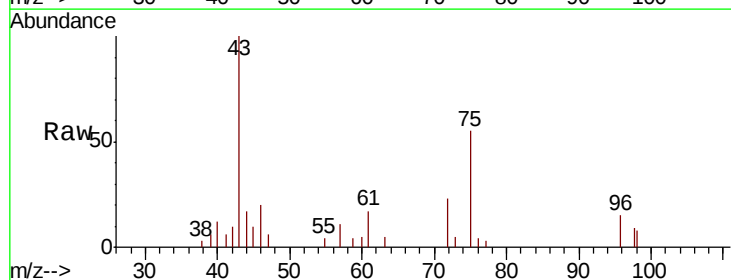
Instrument :
MSVOA_W
ClientSampled :
GAXY7

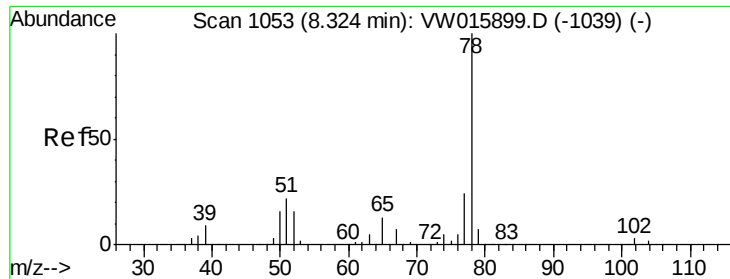
Tot Ion: 43 Resp: 2214
Ion Ratio Lower Upper
43 100
74 23.0 18.2 27.2



#21
2-Butanone
Concen: 3.112 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW015901.D
Acq: 22 Jul 2020 11:36

Tgt Ion: 43 Resp: 5955
Ion Ratio Lower Upper
43 100
72 15.1 13.9 41.7





#34

Benzene

Concen: 0.495 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW015901.D

Acq: 22 Jul 2020 11:36

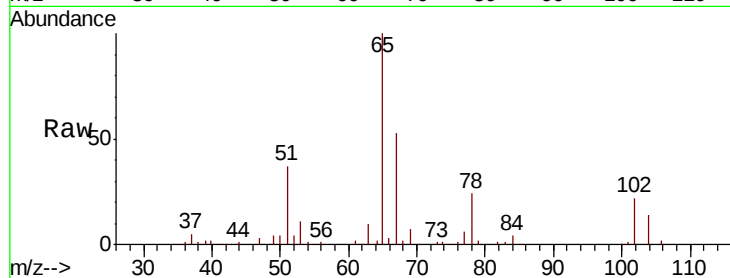
Instrument :

MSVOA_W

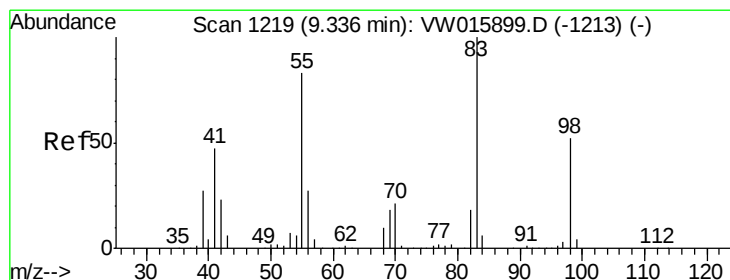
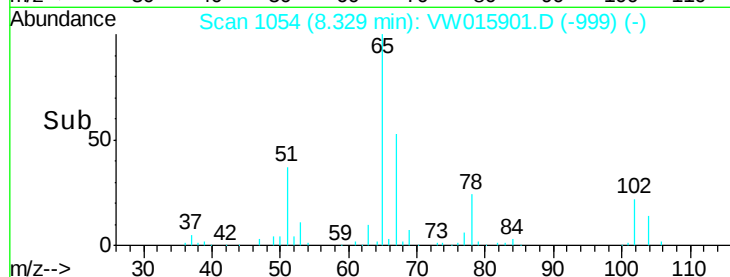
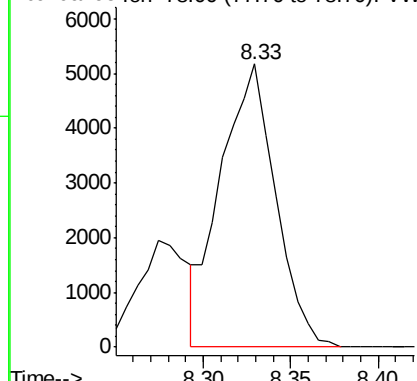
ClientSampleId :

GAXY7

Tgt Ion: 78 Resp: 11260



Abundance Ion 78.00 (77.70 to 78.70): VW



#36

Methylcyclohexane

Concen: 0.818 ug/L

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW015901.D

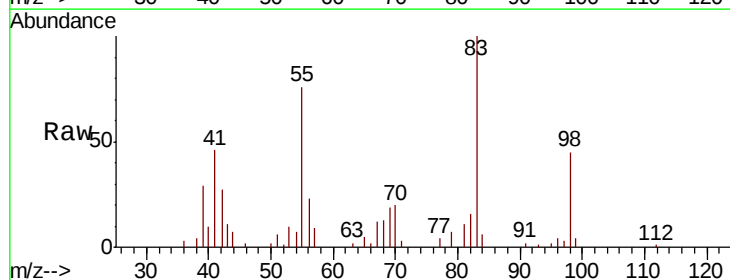
Acq: 22 Jul 2020 11:36

Tgt Ion: 83 Resp: 8453

Ion	Ratio	Lower	Upper
83	100		

55	104.0	63.5	95.3#
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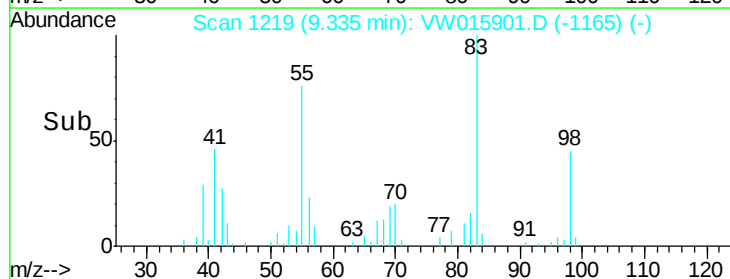
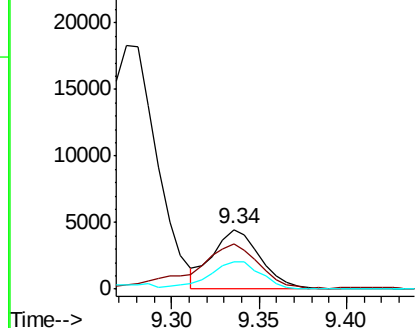
98	50.1	39.0	58.4
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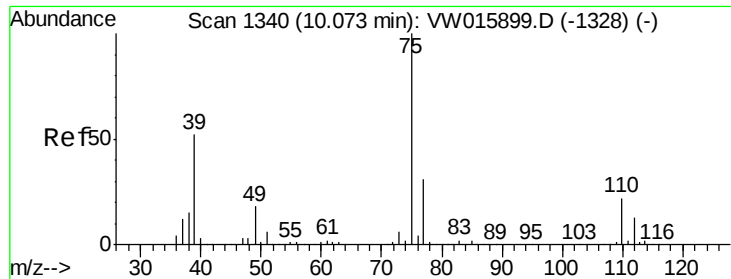


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

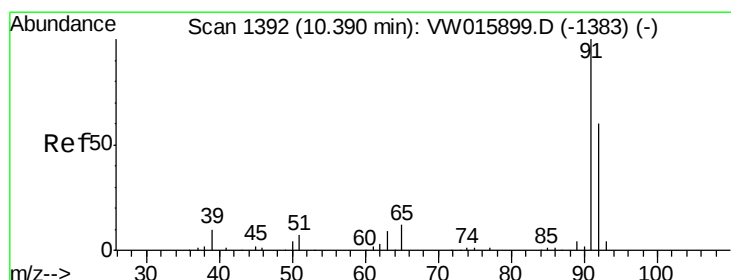
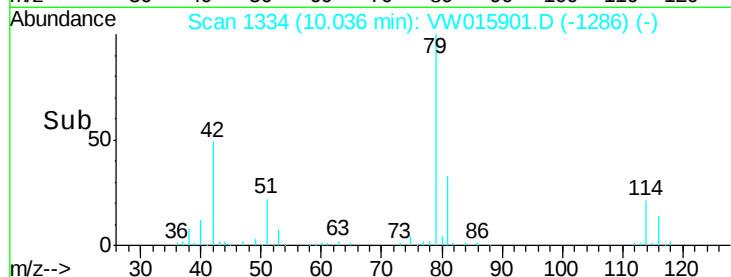
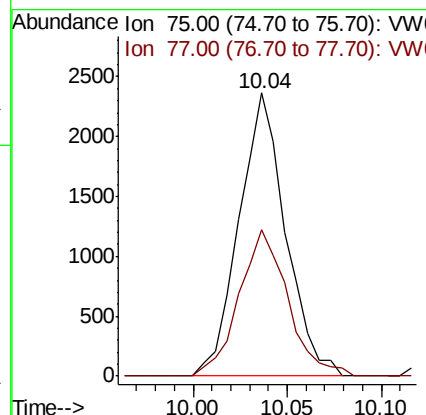
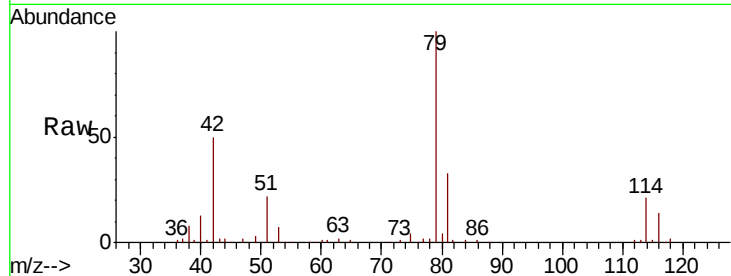




#42
 cis-1,3-Dichloropropene
 Concen: 0.472 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW015901.D
 Acq: 22 Jul 2020 11:36

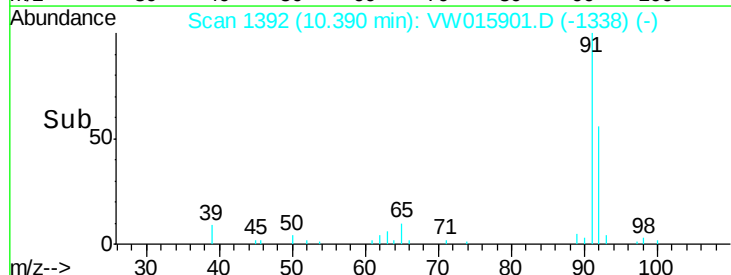
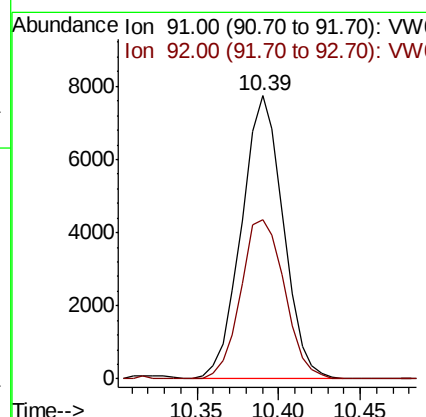
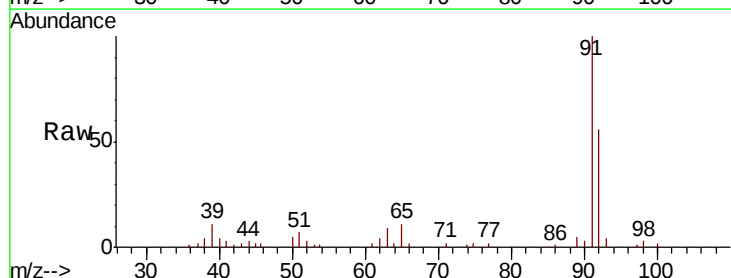
Instrument :
 MSVOA_W
 ClientSampleId :
 GAXY7

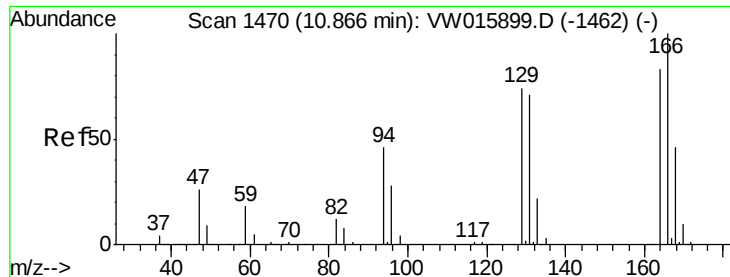
Tot Ion: 75 Resp: 4053
 Ion Ratio Lower Upper
 75 100
 77 51.9 22.2 41.2#



#44
 Toluene
 Concen: 0.580 ug/L
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW015901.D
 Acq: 22 Jul 2020 11:36

Tgt Ion: 91 Resp: 13852
 Ion Ratio Lower Upper
 91 100
 92 56.2 41.2 76.4





#47

Tetrachloroethene

Concen: 11.266 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VW015901.D

Acq: 22 Jul 2020 11:36

Instrument :

MSVOA_W

ClientSampleId :

GAXY7

Tot Ion:164 Resp: 52635

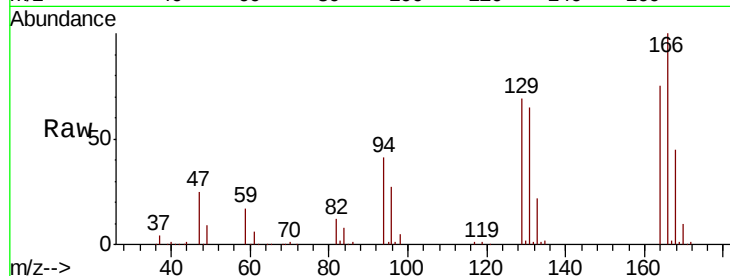
Ion Ratio Lower Upper

164 100

129 91.1 70.0 130.0

131 86.6 67.3 124.9

166 132.9 88.5 164.3

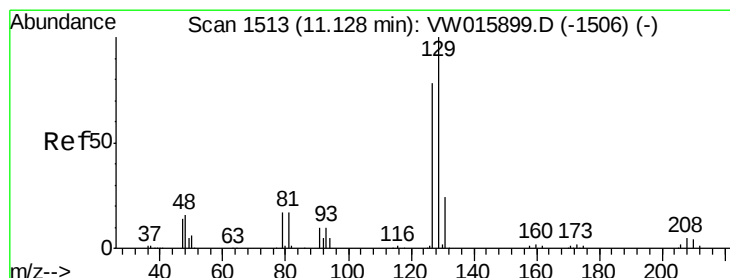
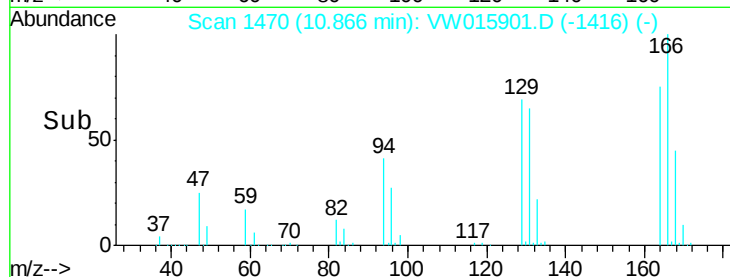
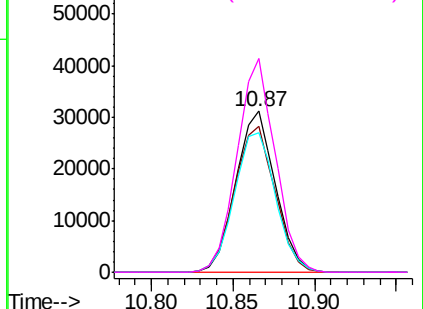


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 10.465 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW015901.D

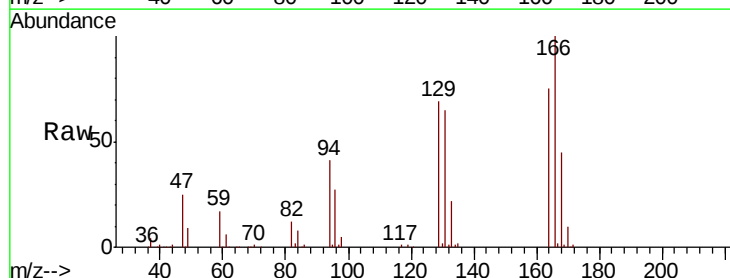
Acq: 22 Jul 2020 11:36

Tgt Ion:129 Resp: 49108

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

