

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013869.D
 Acq On : 31 Oct 2019 20:23
 Operator : SY/VA
 Sample : K5596-15
 Misc : 6.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQB6

Quant Time: Nov 01 05:17:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 01 02:10:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	255850	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	234906	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	98150	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	80775	20.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.96%
7) Chloroethane-d5	2.89	69	64651	21.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.88%
10) 1,1-Dichloroethene-d2	4.02	63	122227	15.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.72%
20) 2-Butanone-d5	7.08	46	89326	65.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.50%
24) Chloroform-d	7.65	84	181727	23.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.84%
26) 1,2-Dichloroethane-d4	8.31	65	109770	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.12%
29) Benzene-d6	8.27	84	369318	24.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.08%
33) 1,2-Dichloropropane-d6	9.27	67	119736	26.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.00%
37) Toluene-d8	10.32	98	321595	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.40%
38) trans-1,3-Dichloropropene-	10.58	79	47992	23.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.00%
39) 2-Hexanone-d5	10.92	63	72994	69.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	127288	30.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.80%#
61) 1,2-Dichlorobenzene-d4	13.85	152	92012	24.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.36%

Target Compounds

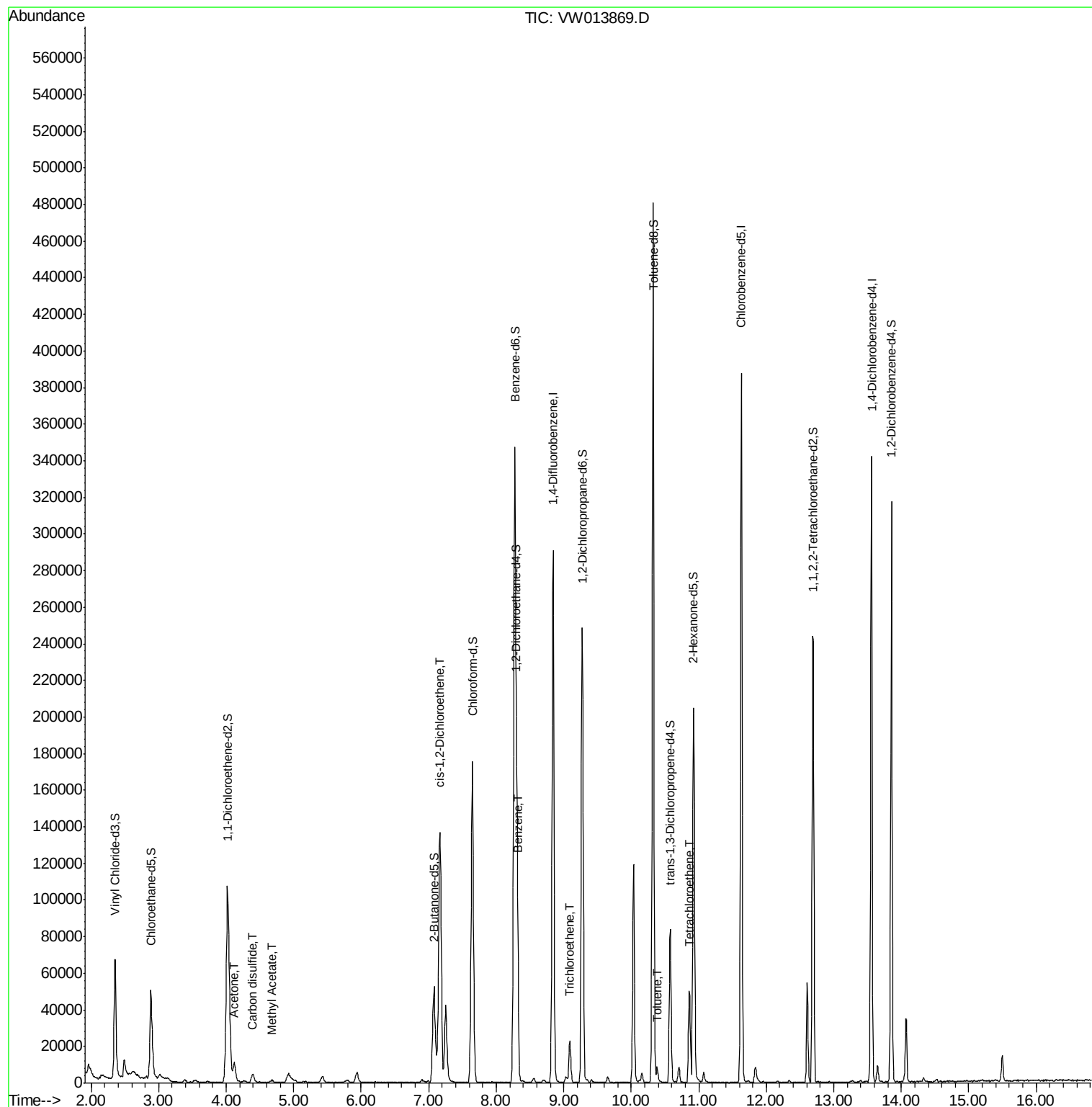
					Qvalue
13) Acetone	4.12	43	17391	13.575 ug/L	97
14) Carbon disulfide	4.39	76	4812	0.391 ug/L	97
15) Methyl Acetate	4.68	43	2276	0.965 ug/L #	71
22) cis-1,2-Dichloroethene	7.17	96	86988	18.315 ug/L	99
34) Benzene	8.32	78	6078	0.373 ug/L	100
35) Trichloroethene	9.09	95	7288	1.695 ug/L	97
44) Toluene	10.38	91	5880	0.334 ug/L	93
47) Tetrachloroethene	10.86	164	13334	3.453 ug/L	93

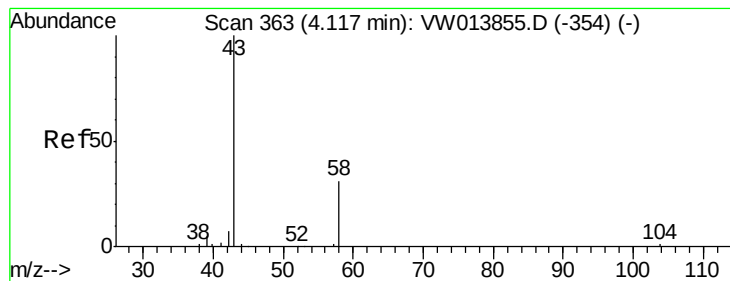
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 01 02:10:29 2019
Response via : Initial Calibration





#13

Acetone

Concen: 13.575 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

Instrument :

MSVOA_W

ClientSampled :

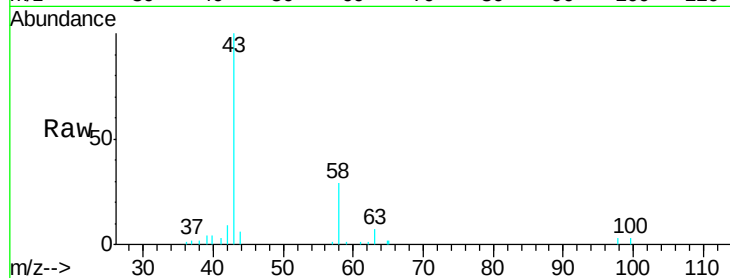
GAQB6

Tgt Ion: 43 Resp: 17391

Ion Ratio Lower Upper

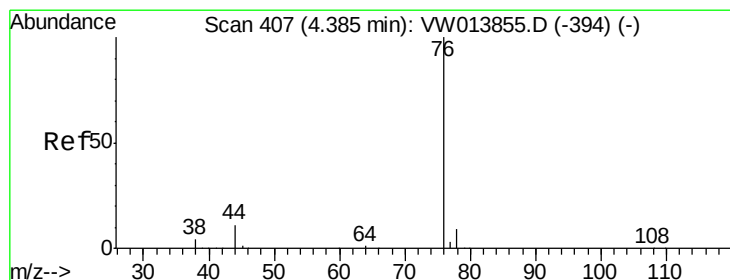
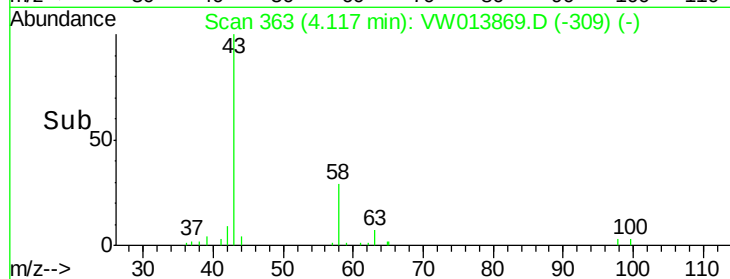
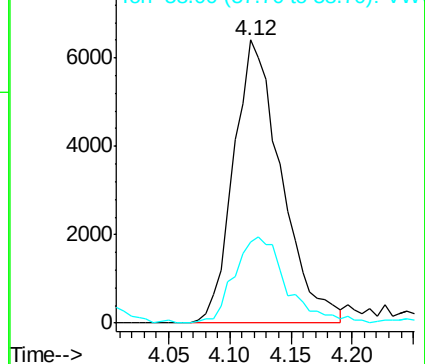
43 100

58 33.3 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 0.391 ug/L

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW013869.D

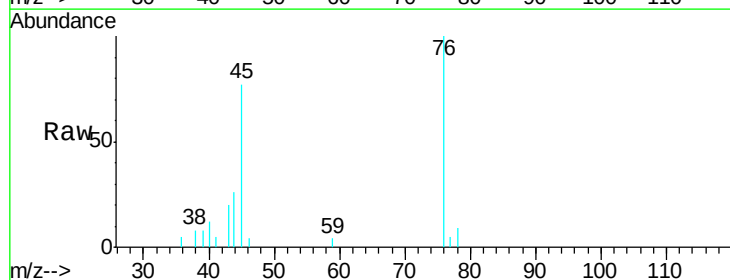
Acq: 31 Oct 2019 20:23

Tgt Ion: 76 Resp: 4812

Ion Ratio Lower Upper

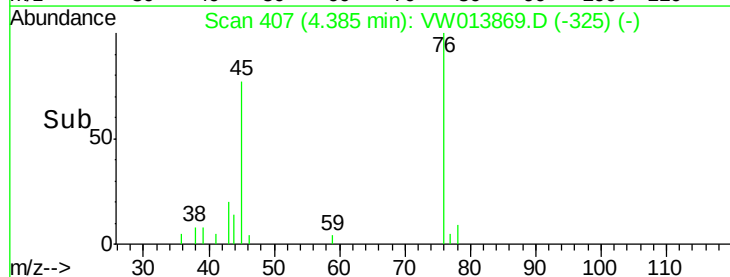
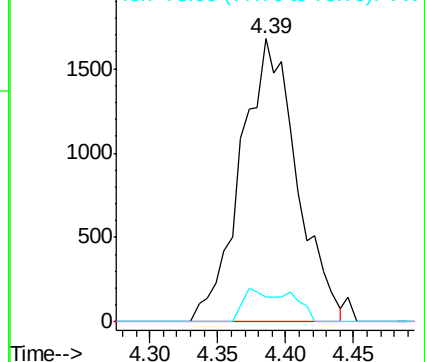
76 100

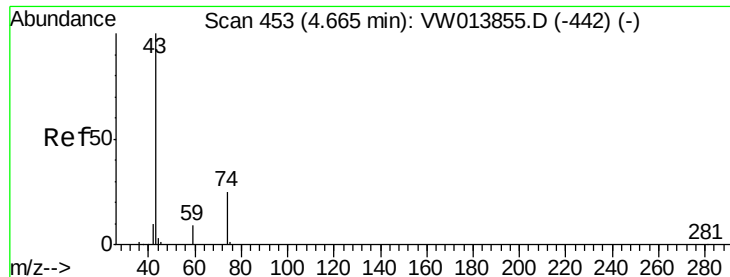
78 8.6 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

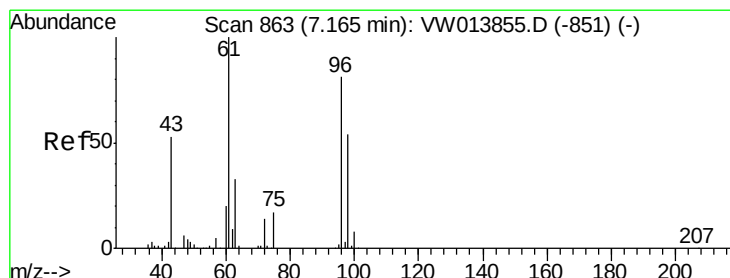
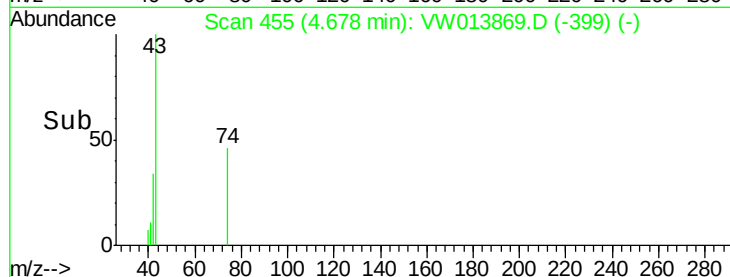
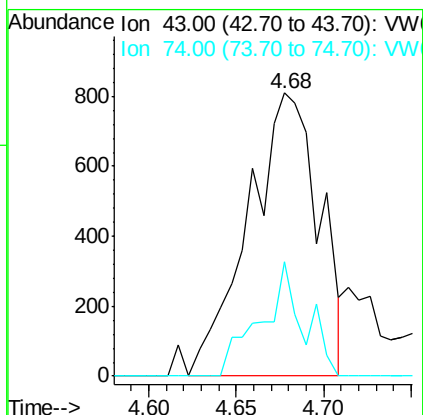
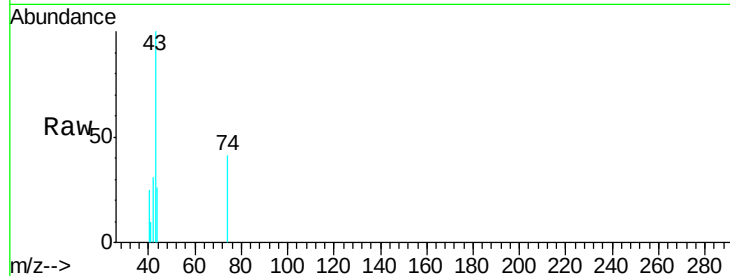




#15
Methyl Acetate
Concen: 0.965 ug/L
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW013869.D
Acq: 31 Oct 2019 20:23

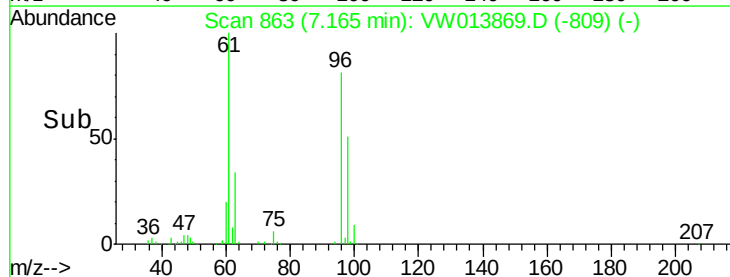
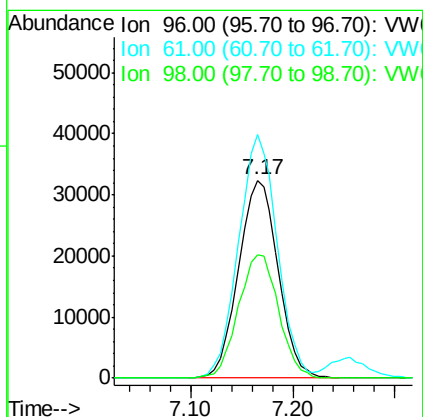
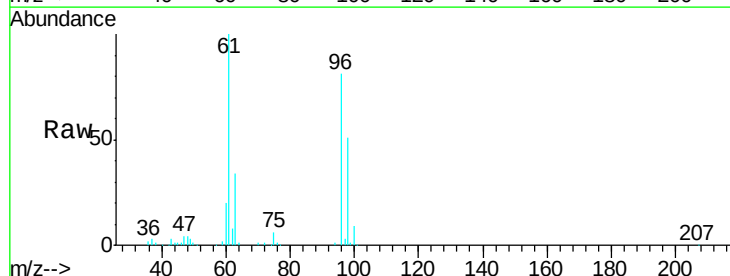
Instrument :
MSVOA_W
ClientSampleId :
GAQB6

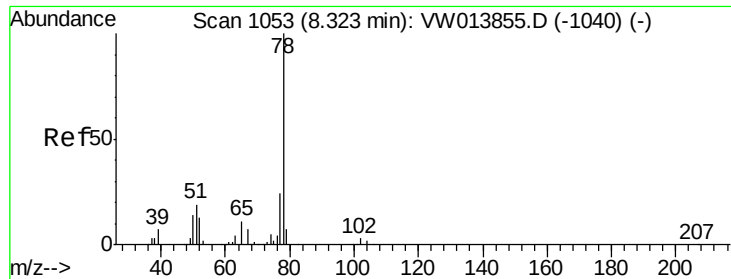
Tgt Ion: 43 Resp: 2276
Ion Ratio Lower Upper
43 100
74 9.6 19.2 28.8#



#22
cis-1,2-Dichloroethene
Concen: 18.315 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013869.D
Acq: 31 Oct 2019 20:23

Tgt Ion: 96 Resp: 86988
Ion Ratio Lower Upper
96 100
61 122.9 86.6 160.8
98 62.1 44.5 82.7





#34

Benzene

Concen: 0.373 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

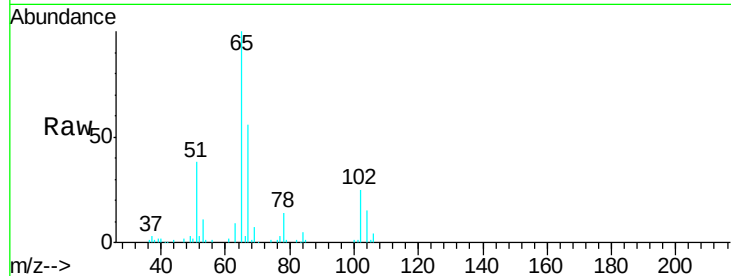
Instrument :

MSVOA_W

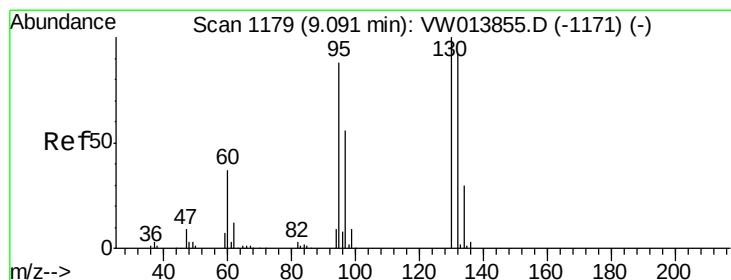
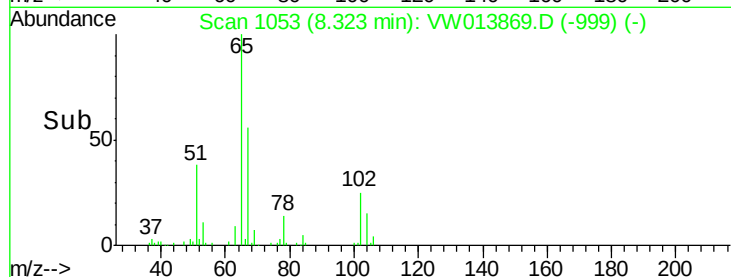
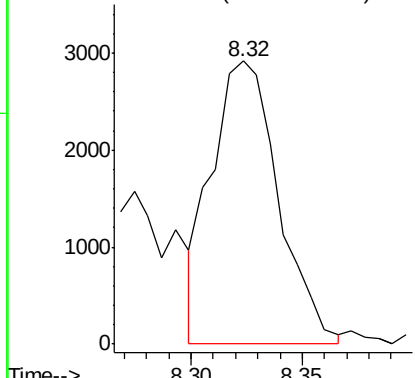
ClientSampleId :

GAQB6

Tgt Ion: 78 Resp: 6078



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 1.695 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

Tgt Ion: 95 Resp: 7288

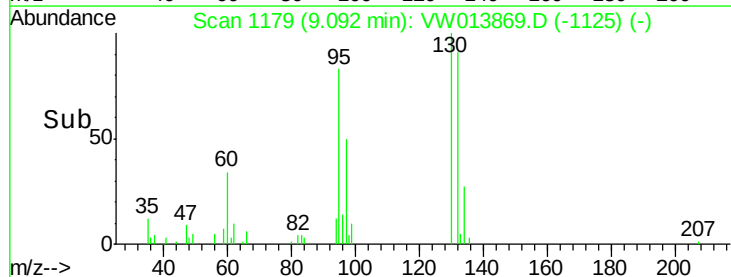
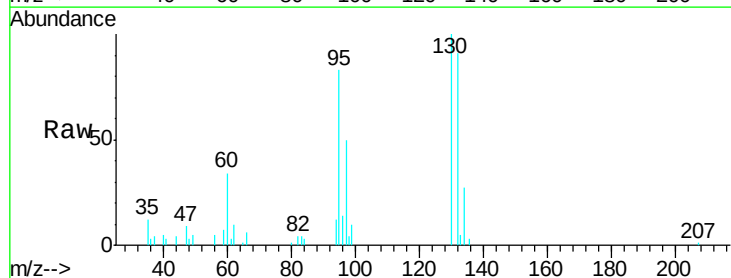
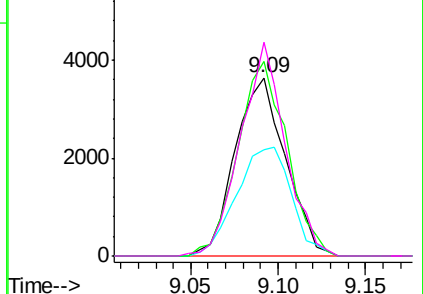
Ion	Ratio	Lower	Upper
95	100		
97	66.5	45.0	83.6
132	106.7	72.4	134.4
130	106.7	76.6	142.3

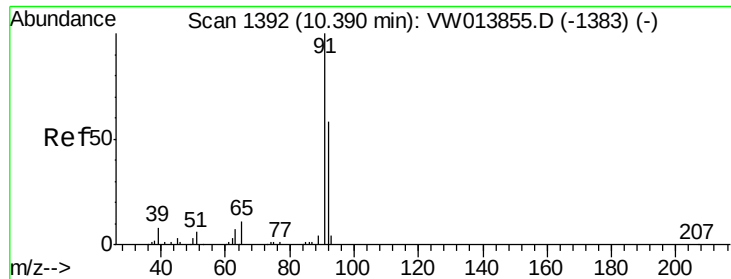
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#44

Toluene

Concen: 0.334 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

Instrument :

MSVOA_W

ClientSampleId :

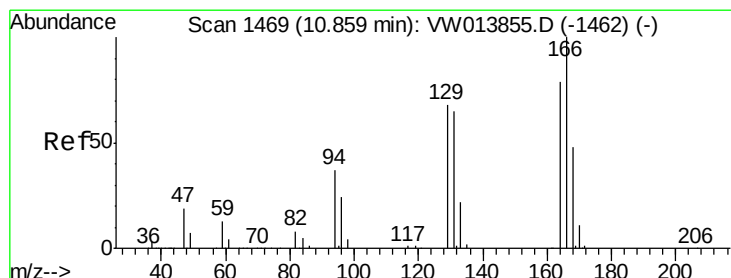
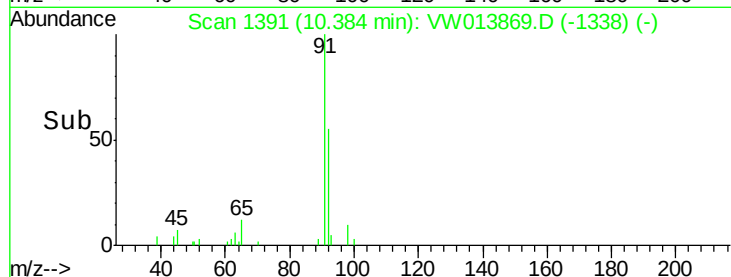
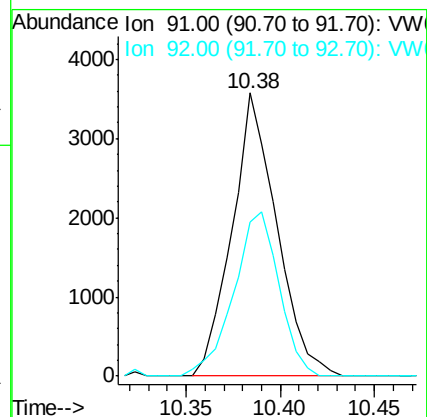
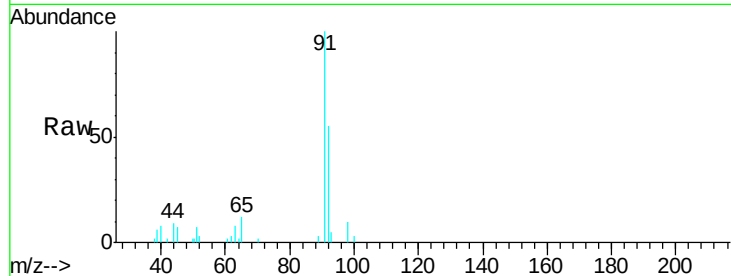
GAQB6

Tgt Ion: 91 Resp: 5880

Ion Ratio Lower Upper

91 100

92 54.6 42.0 78.0



#47

Tetrachloroethene

Concen: 3.453 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013869.D

Acq: 31 Oct 2019 20:23

Tgt Ion: 164 Resp: 13334

Ion Ratio Lower Upper

164 100

129 82.1 62.5 116.1

131 80.9 59.8 111.0

166 120.7 91.6 170.0

