

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013875.D
 Acq On : 31 Oct 2019 23:01
 Operator : SY/VA
 Sample : K5552-10
 Misc : 7.26G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQC3

Quant Time: Nov 01 05:46:17 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	284152	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	286000	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157677	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118608	27.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.68%
7) Chloroethane-d5	2.89	69	92134	27.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.88%
10) 1,1-Dichloroethene-d2	4.02	63	169715	19.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.44%
20) 2-Butanone-d5	7.07	46	89100	58.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.20%
24) Chloroform-d	7.65	84	233181	26.82	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.28%
26) 1,2-Dichloroethane-d4	8.31	65	134196	28.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.52%
29) Benzene-d6	8.27	84	492808	26.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.36%
33) 1,2-Dichloropropane-d6	9.27	67	153713	27.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.72%
37) Toluene-d8	10.32	98	461104	26.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.08%
38) trans-1,3-Dichloropropene-	10.57	79	66046	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.00%
39) 2-Hexanone-d5	10.92	63	76636	59.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	144449	28.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	171388	28.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.88%

Target Compounds

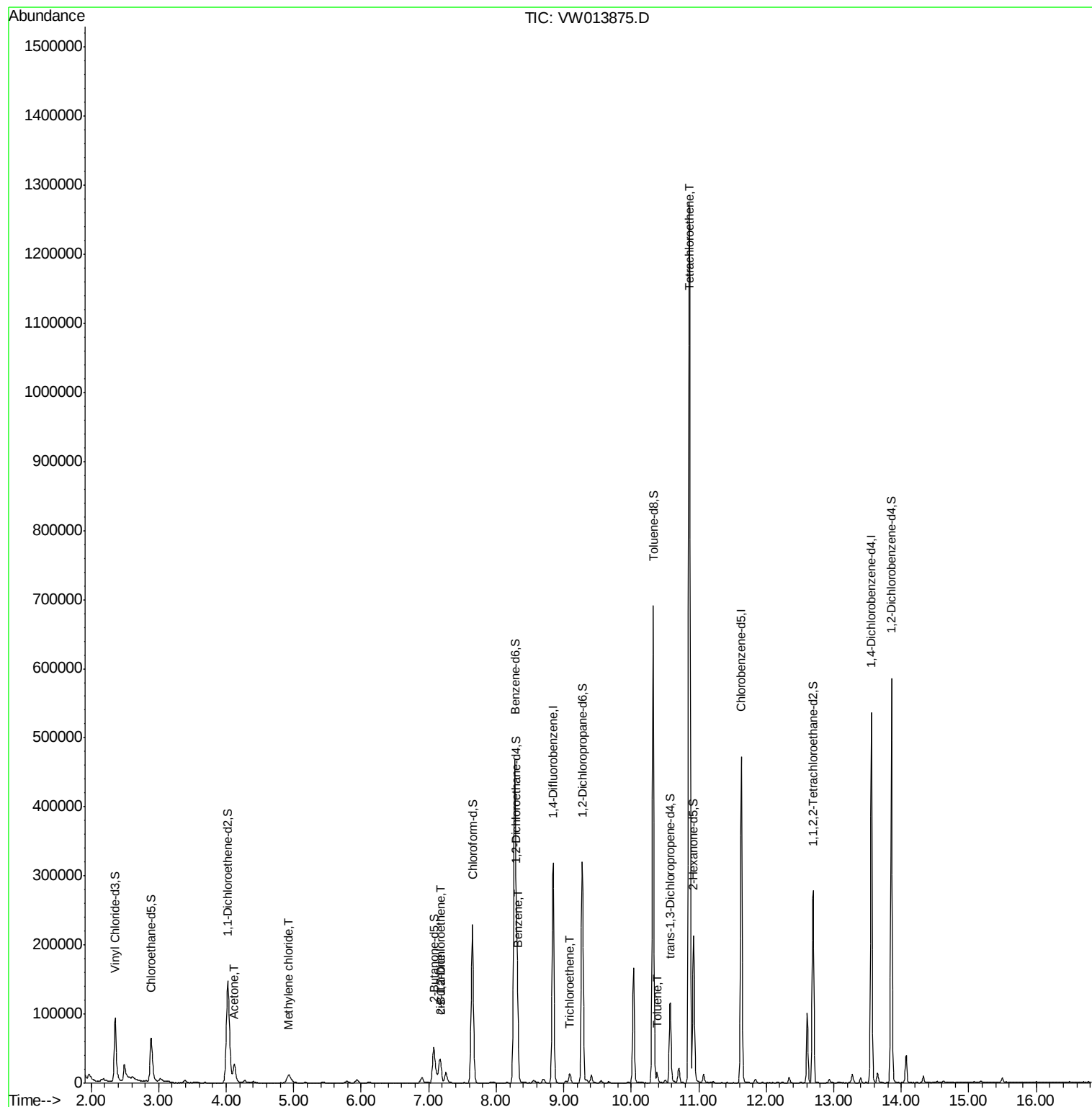
					Qvalue
13) Acetone	4.12	43	44589	31.338 ug/L	95
16) Methylene chloride	4.93	84	10902	1.963 ug/L	95
21) 2-Butanone	7.18	43	12585	6.164 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	16052	3.043 ug/L	93
34) Benzene	8.32	78	10767	0.543 ug/L	100
35) Trichloroethene	9.09	95	4554	0.870 ug/L	96
44) Toluene	10.38	91	10293	0.481 ug/L	95
47) Tetrachloroethene	10.86	164	323342	68.784 ug/L	94

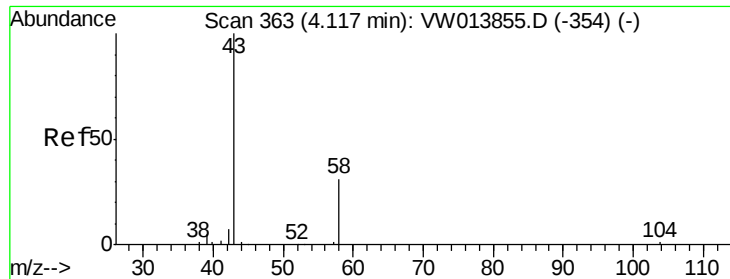
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 31.338 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW013875.D

Acq: 31 Oct 2019 23:01

Instrument :

MSVOA_W

ClientSampleId :

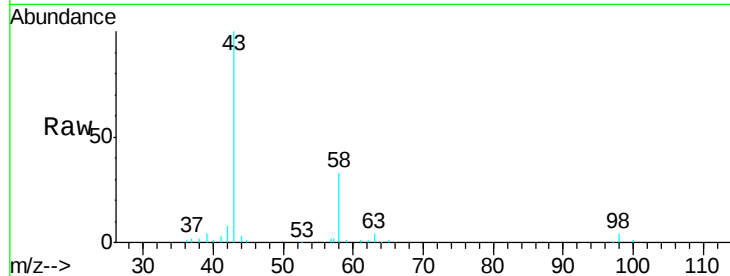
GAQC3

Tgt Ion: 43 Resp: 44589

Ion Ratio Lower Upper

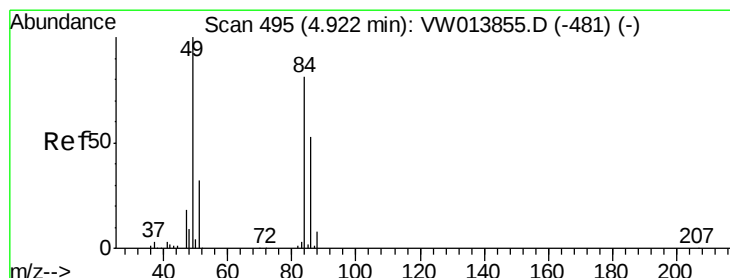
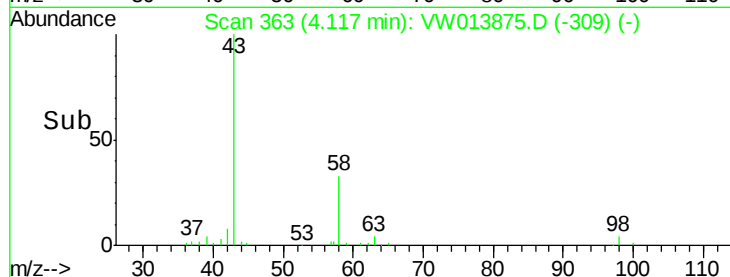
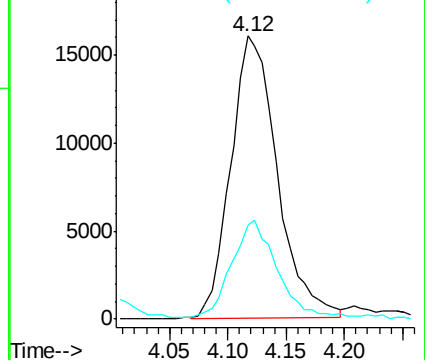
43 100

58 34.4 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.963 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW013875.D

Acq: 31 Oct 2019 23:01

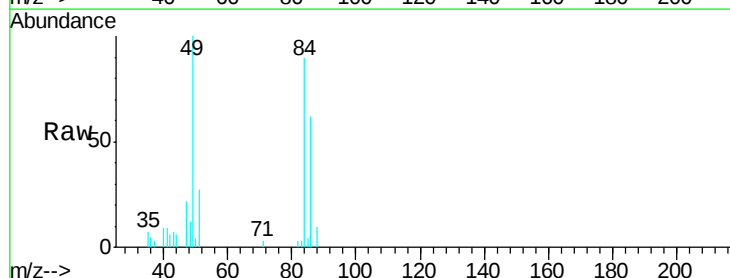
Tgt Ion: 84 Resp: 10902

Ion Ratio Lower Upper

84 100

49 111.4 82.2 152.6

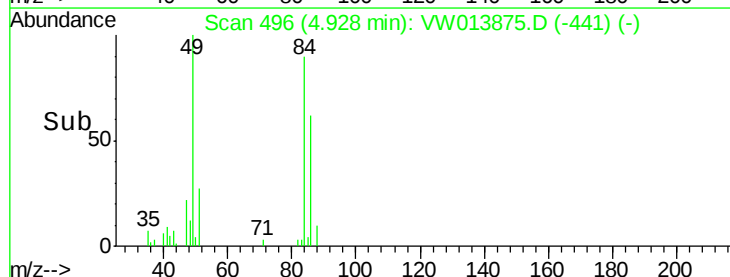
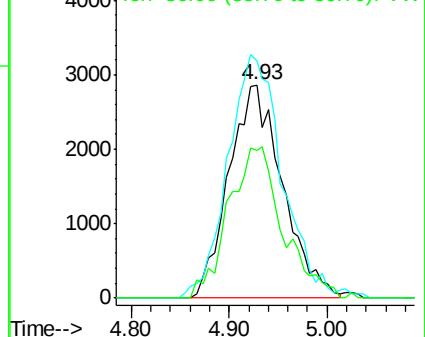
86 69.0 45.6 84.8

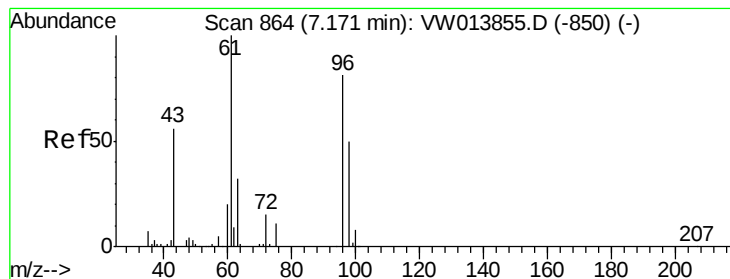


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 6.164 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW013875.D

Acq: 31 Oct 2019 23:01

Instrument :

MSVOA_W

ClientSampled :

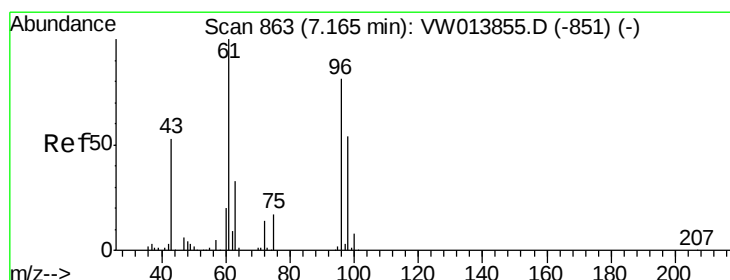
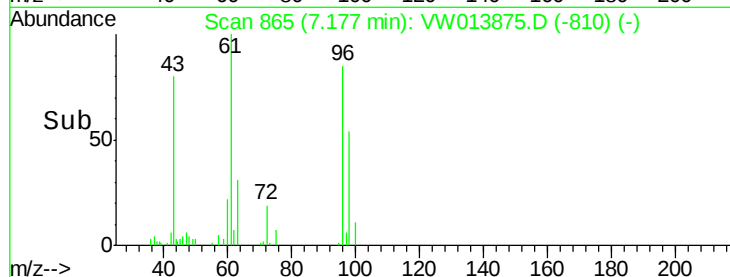
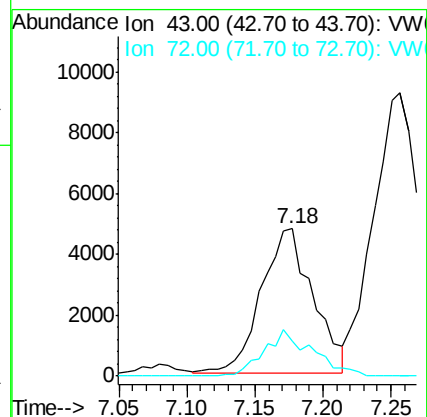
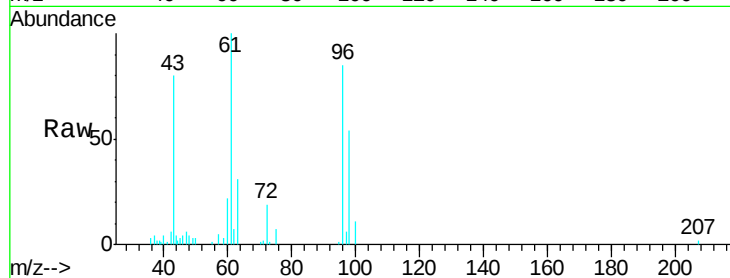
GAQC3

Tgt Ion: 43 Resp: 12585

Ion Ratio Lower Upper

43 100

72 28.4 14.0 41.9



#22

cis-1,2-Dichloroethene

Concen: 3.043 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013875.D

Acq: 31 Oct 2019 23:01

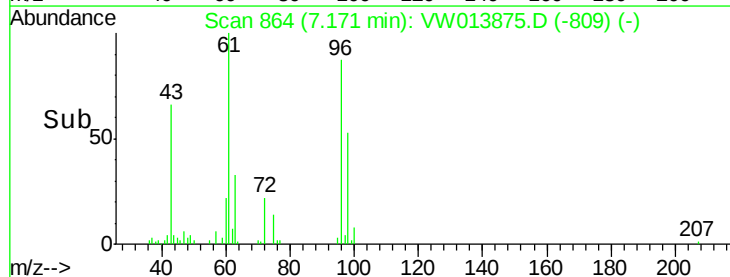
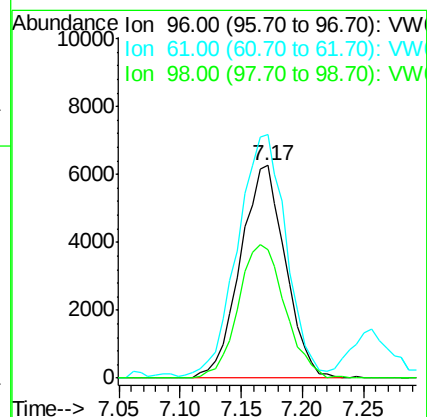
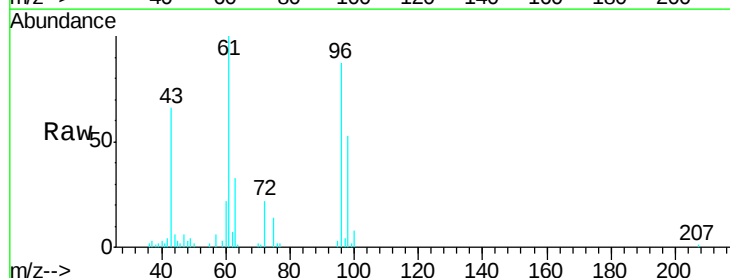
Tgt Ion: 96 Resp: 16052

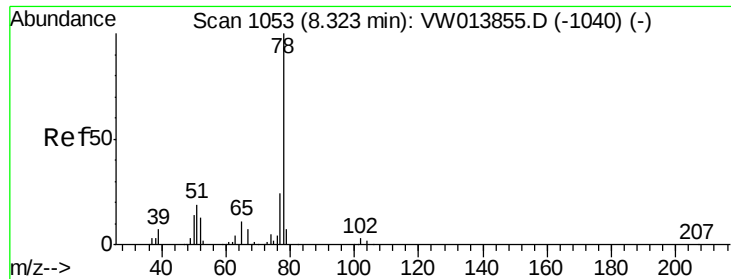
Ion Ratio Lower Upper

96 100

61 114.6 86.6 160.8

98 60.4 44.5 82.7





#34

Benzene

Concen: 0.543 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW013875.D

Acq: 31 Oct 2019 23:01

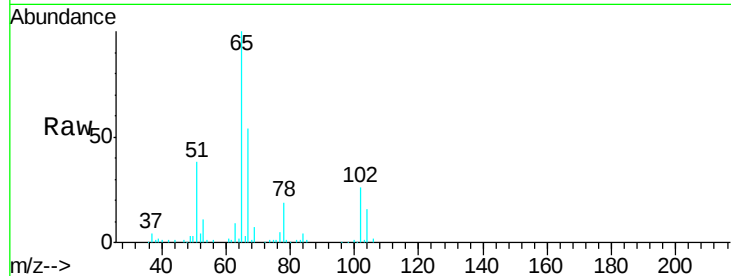
Instrument :

MSVOA_W

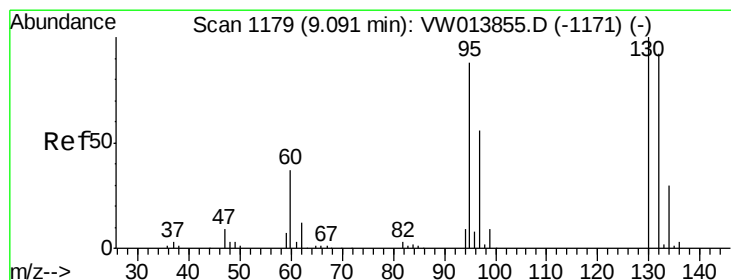
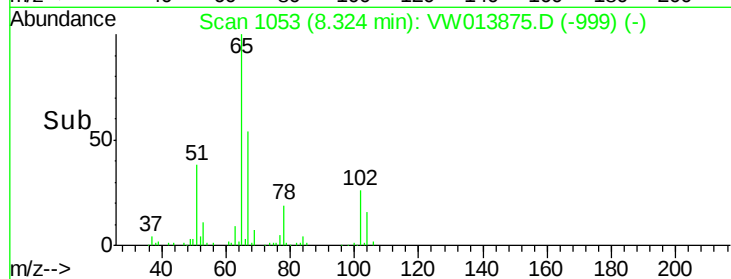
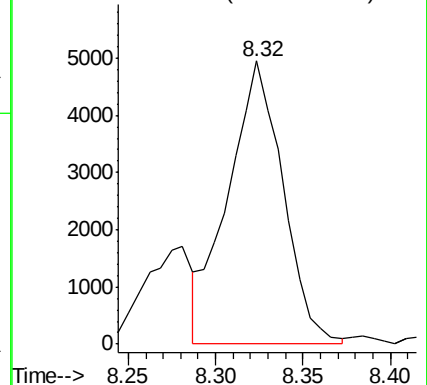
ClientSampleId :

GAQC3

Tgt Ion: 78 Resp: 10767



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 0.870 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW013875.D

Acq: 31 Oct 2019 23:01

Tgt Ion: 95 Resp: 4554

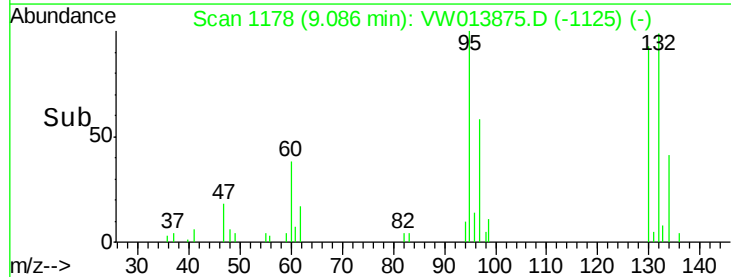
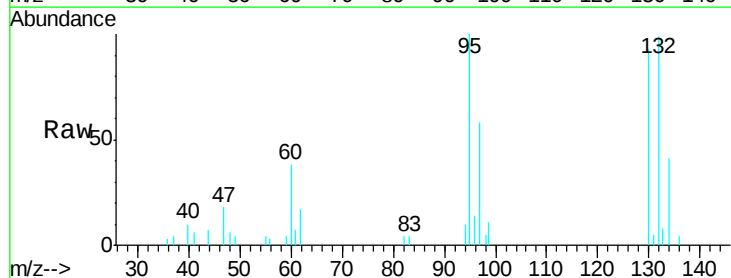
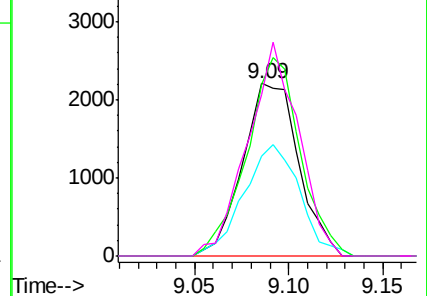
Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.0	83.6
132	110.4	72.4	134.4
130	111.9	76.6	142.3

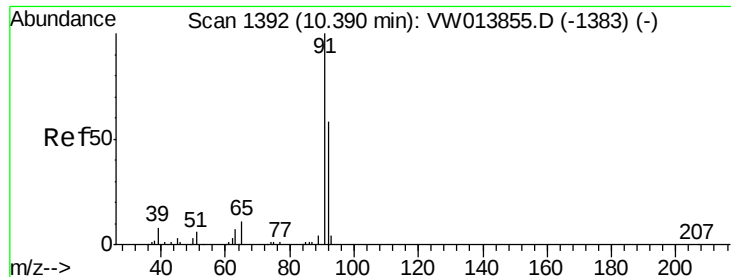
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW





#44

Toluene

Concen: 0.481 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW013875.D

Acq: 31 Oct 2019 23:01

Instrument :

MSVOA_W

ClientSampleId :

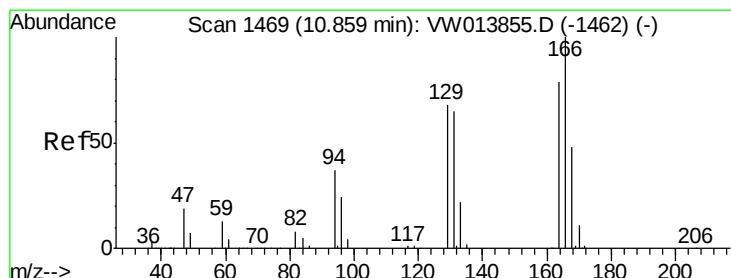
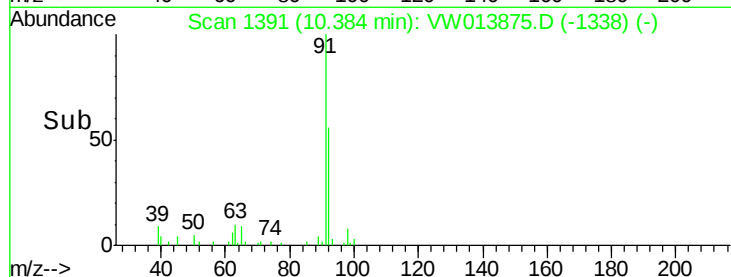
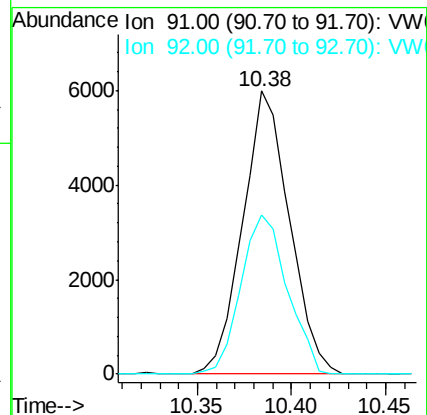
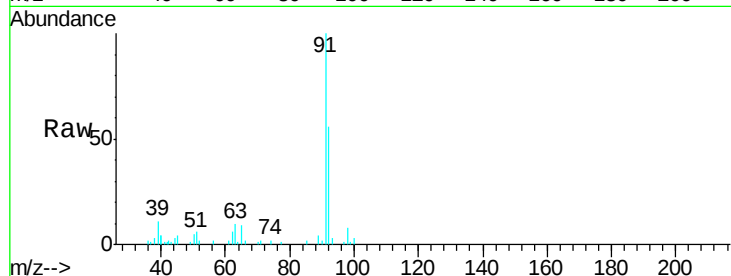
GAQC3

Tgt Ion: 91 Resp: 10293

Ion Ratio Lower Upper

91 100

92 56.5 42.0 78.0



#47

Tetrachloroethene

Concen: 68.784 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013875.D

Acq: 31 Oct 2019 23:01

Tgt Ion: 164 Resp: 323342

Ion Ratio Lower Upper

164 100

129 83.5 62.5 116.1

131 82.3 59.8 111.0

166 121.6 91.6 170.0

