

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013865.D
 Acq On : 31 Oct 2019 18:38
 Operator : SY/VA
 Sample : K5596-11
 Misc : 5.30G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAQB2

Quant Time: Nov 01 05:00:33 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	275750	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	272549	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	137447	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89905	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
7) Chloroethane-d5	2.89	69	74762	22.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.04%
10) 1,1-Dichloroethene-d2	4.02	63	136744	16.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.12%
20) 2-Butanone-d5	7.07	46	84039	56.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.92%
24) Chloroform-d	7.65	84	206730	24.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	8.31	65	119752	26.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.36%
29) Benzene-d6	8.27	84	421948	23.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.56%
33) 1,2-Dichloropropane-d6	9.27	67	135040	25.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.08%
37) Toluene-d8	10.32	98	380971	22.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.24%
38) trans-1,3-Dichloropropene-	10.58	79	53809	22.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.92%
39) 2-Hexanone-d5	10.93	63	70329	57.73	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	135413	28.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	132672	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds

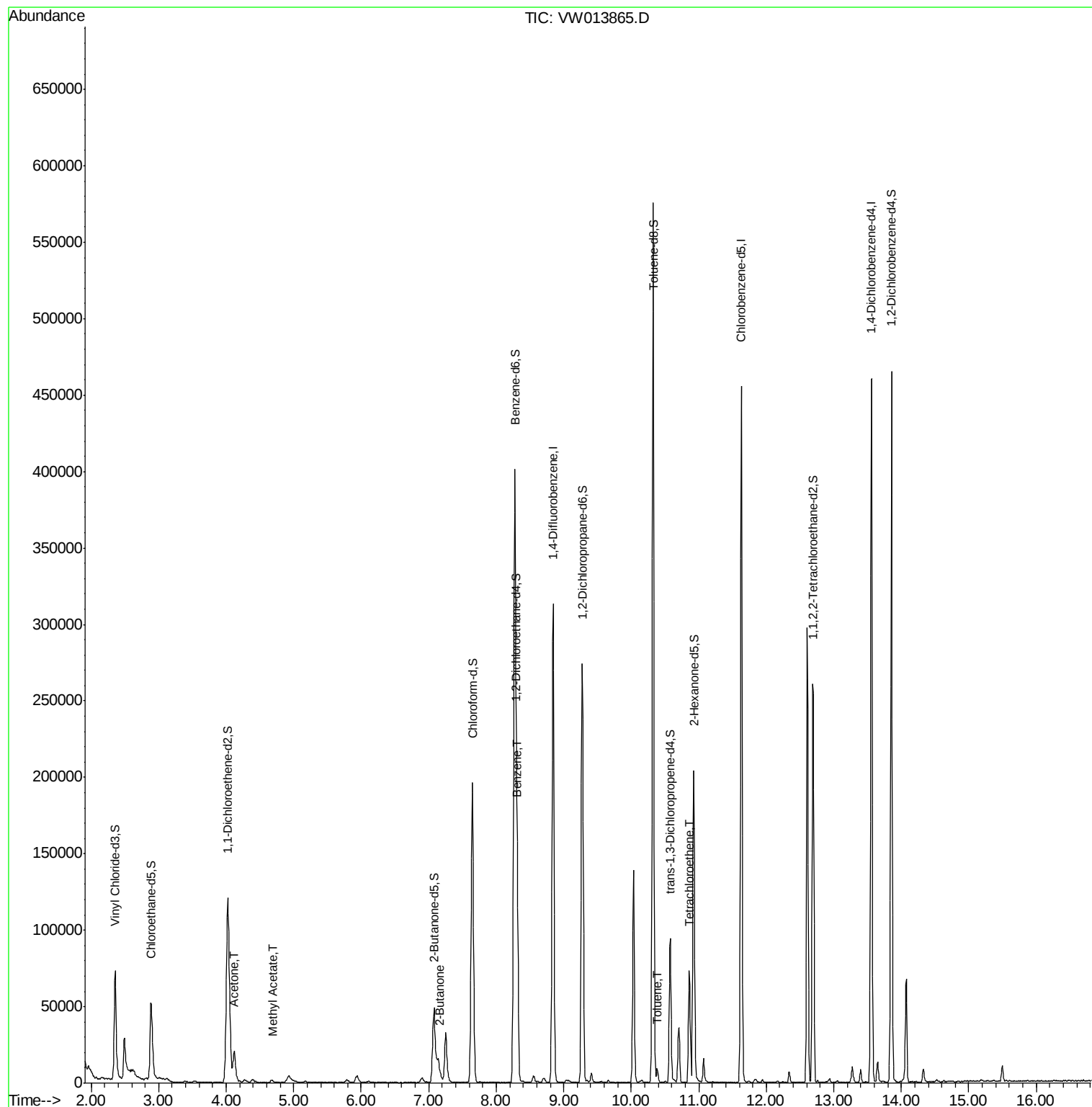
					Qvalue
13) Acetone	4.12	43	33895	24.548 ug/L	97
15) Methyl Acetate	4.68	43	2864	1.127 ug/L	97
21) 2-Butanone	7.17	43	5446	2.749 ug/L	96
34) Benzene	8.32	78	9480	0.502 ug/L	100
44) Toluene	10.39	91	6565	0.322 ug/L	98
47) Tetrachloroethene	10.86	164	18268	4.078 ug/L	93

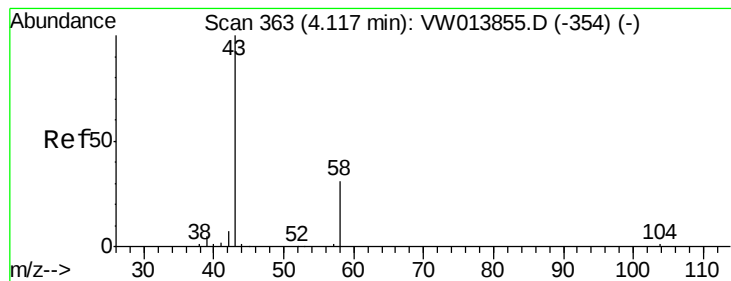
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 24.548 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

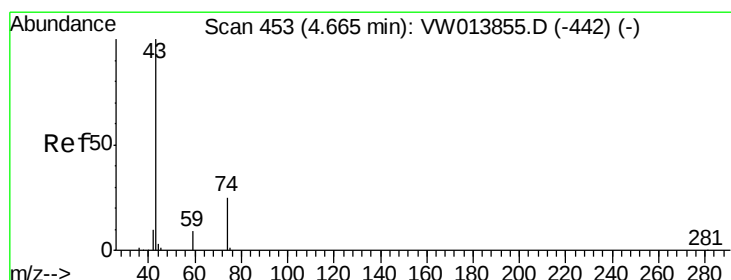
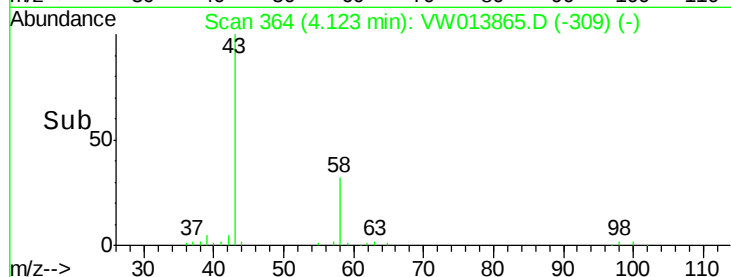
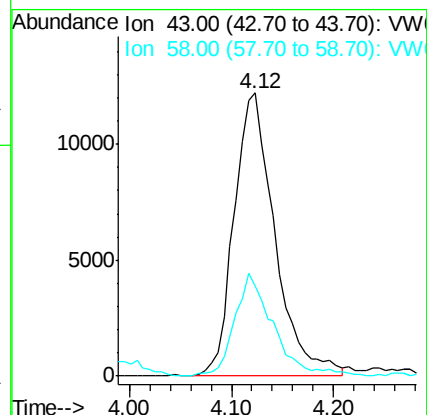
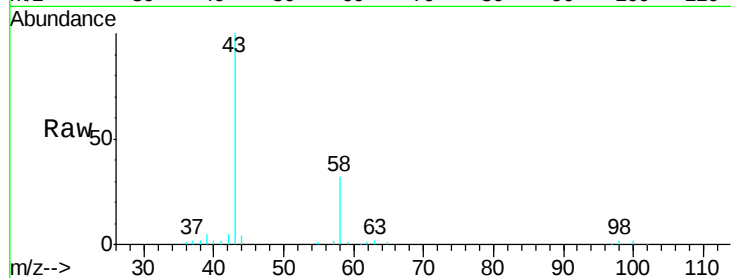
GAQB2

Tgt Ion: 43 Resp: 33895

Ion Ratio Lower Upper

43 100

58 30.0 0.0 63.4



#15

Methyl Acetate

Concen: 1.127 ug/L

RT: 4.68 min Scan# 456

Delta R.T. 0.02 min

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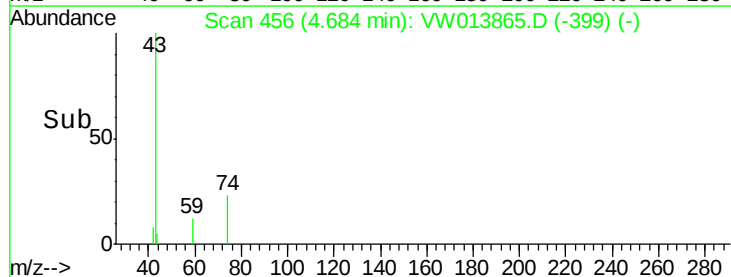
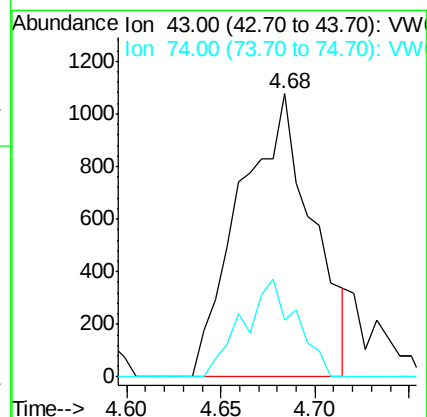
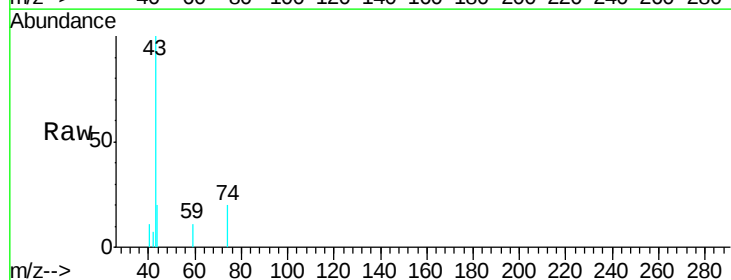
Acq: 31 Oct 2019 18:38

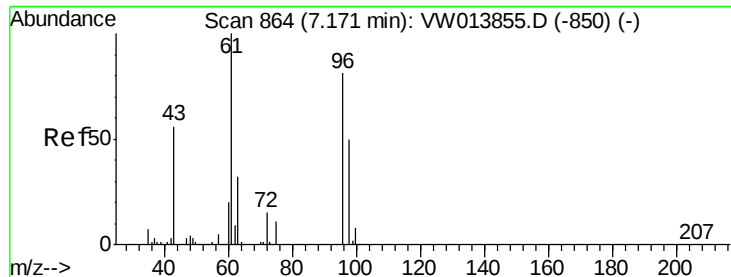
Tgt Ion: 43 Resp: 2864

Ion Ratio Lower Upper

43 100

74 25.3 19.2 28.8





#21

2-Butanone

Concen: 2.749 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

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Acq: 31 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampleId :

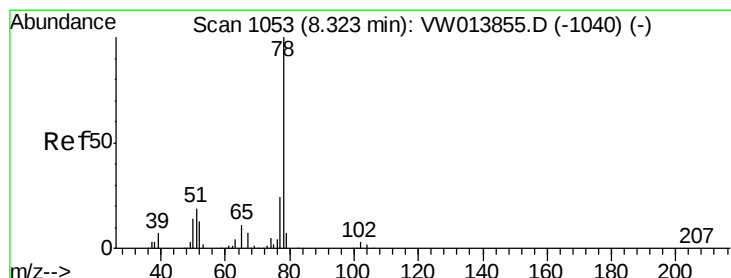
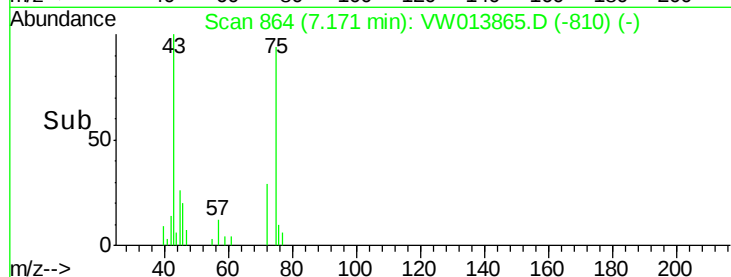
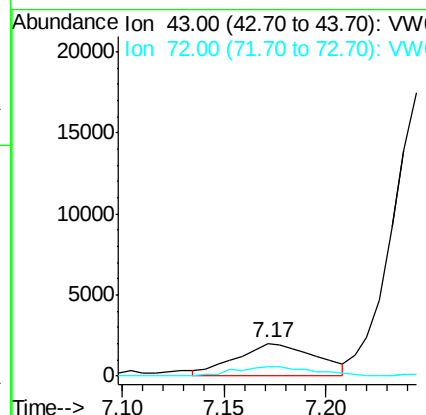
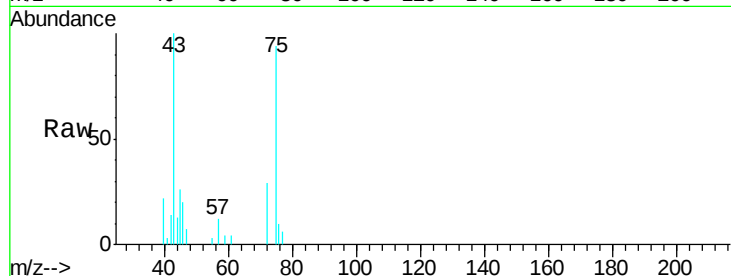
GAQB2

Tgt Ion: 43 Resp: 5446

Ion Ratio Lower Upper

43 100

72 30.0 14.0 41.9



#34

Benzene

Concen: 0.502 ug/L

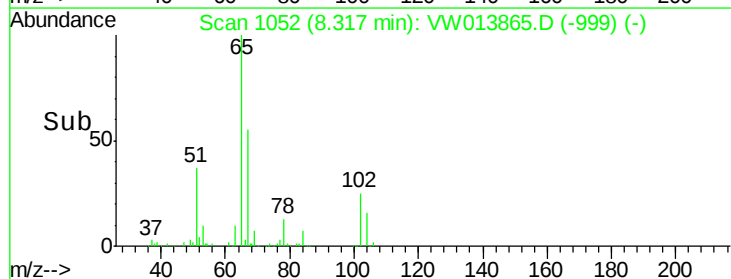
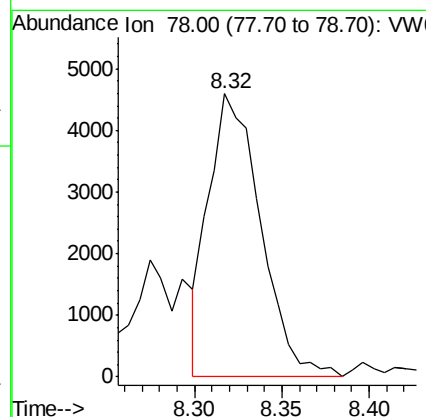
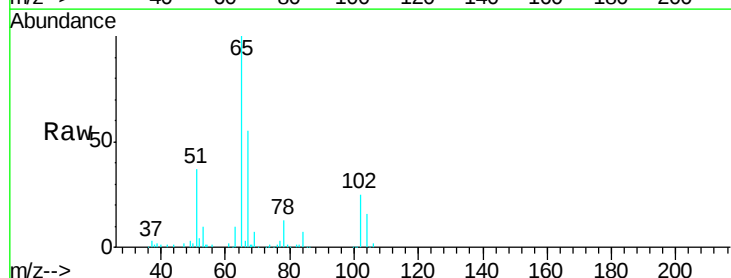
RT: 8.32 min Scan# 1052

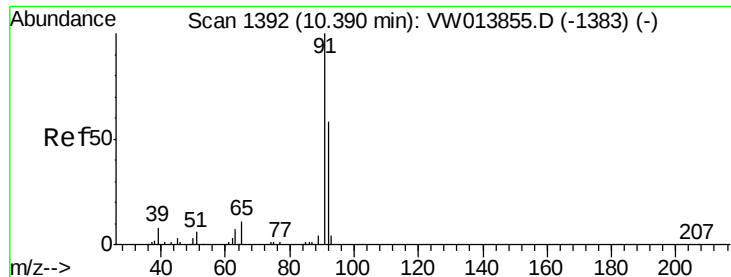
Delta R.T. -0.01 min

Lab File: VW013865.D

Acq: 31 Oct 2019 18:38

Tgt Ion: 78 Resp: 9480





#44

Toluene

Concen: 0.322 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW013865.D

Acq: 31 Oct 2019 18:38

Instrument :

MSVOA_W

ClientSampleId :

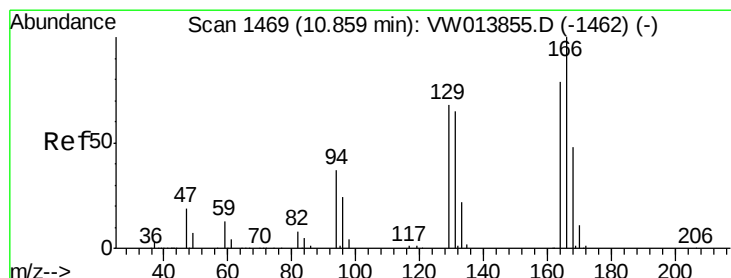
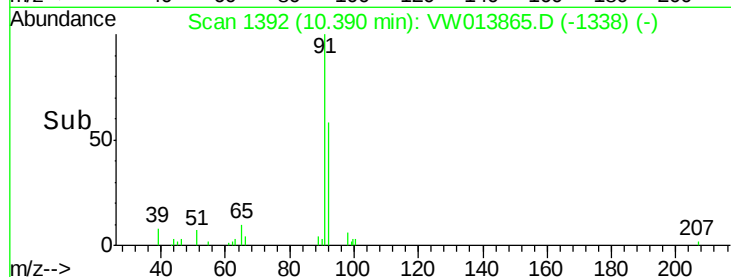
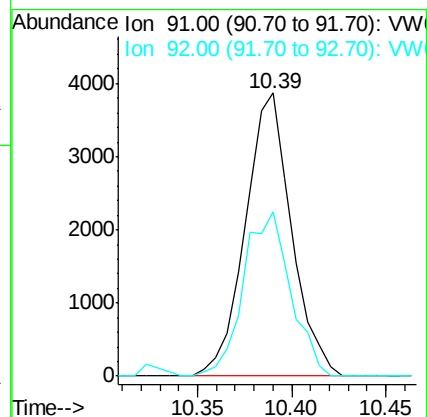
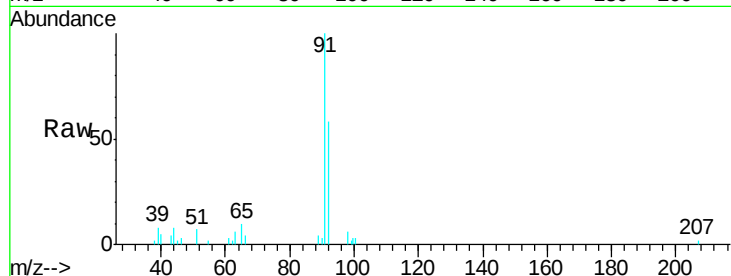
GAQB2

Tgt Ion: 91 Resp: 6565

Ion Ratio Lower Upper

91 100

92 58.2 42.0 78.0



#47

Tetrachloroethene

Concen: 4.078 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW013865.D

Acq: 31 Oct 2019 18:38

Tgt Ion: 164 Resp: 18268

Ion Ratio Lower Upper

164 100

129 79.4 62.5 116.1

131 81.5 59.8 111.0

166 124.1 91.6 170.0

