

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071719\
 Data File : VW011314.D
 Acq On : 17 Jul 2019 19:09
 Operator : SY/VA
 Sample : K3798-09RE
 Misc : 3.91G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H6RE

Quant Time: Jul 18 06:50:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 18 06:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	271442	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	215036	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	64651	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	60462	14.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.36%
7) Chloroethane-d5	2.88	69	52937	18.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.80%
10) 1,1-Dichloroethene-d2	4.01	63	116599	13.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.12%
20) 2-Butanone-d5	7.07	46	79197	48.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.02%
24) Chloroform-d	7.65	84	169140	22.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.92%
26) 1,2-Dichloroethane-d4	8.31	65	106336	23.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.84%
29) Benzene-d6	8.27	84	326966	24.68	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.72%
33) 1,2-Dichloropropane-d6	9.27	67	115878	26.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.44%
37) Toluene-d8	10.32	98	265239	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.88%
38) trans-1,3-Dichloropropene-	10.58	79	37941	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.72%
39) 2-Hexanone-d5	10.93	63	48825	49.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.70%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	78979	22.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	53185	21.43	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.72%

Target Compounds

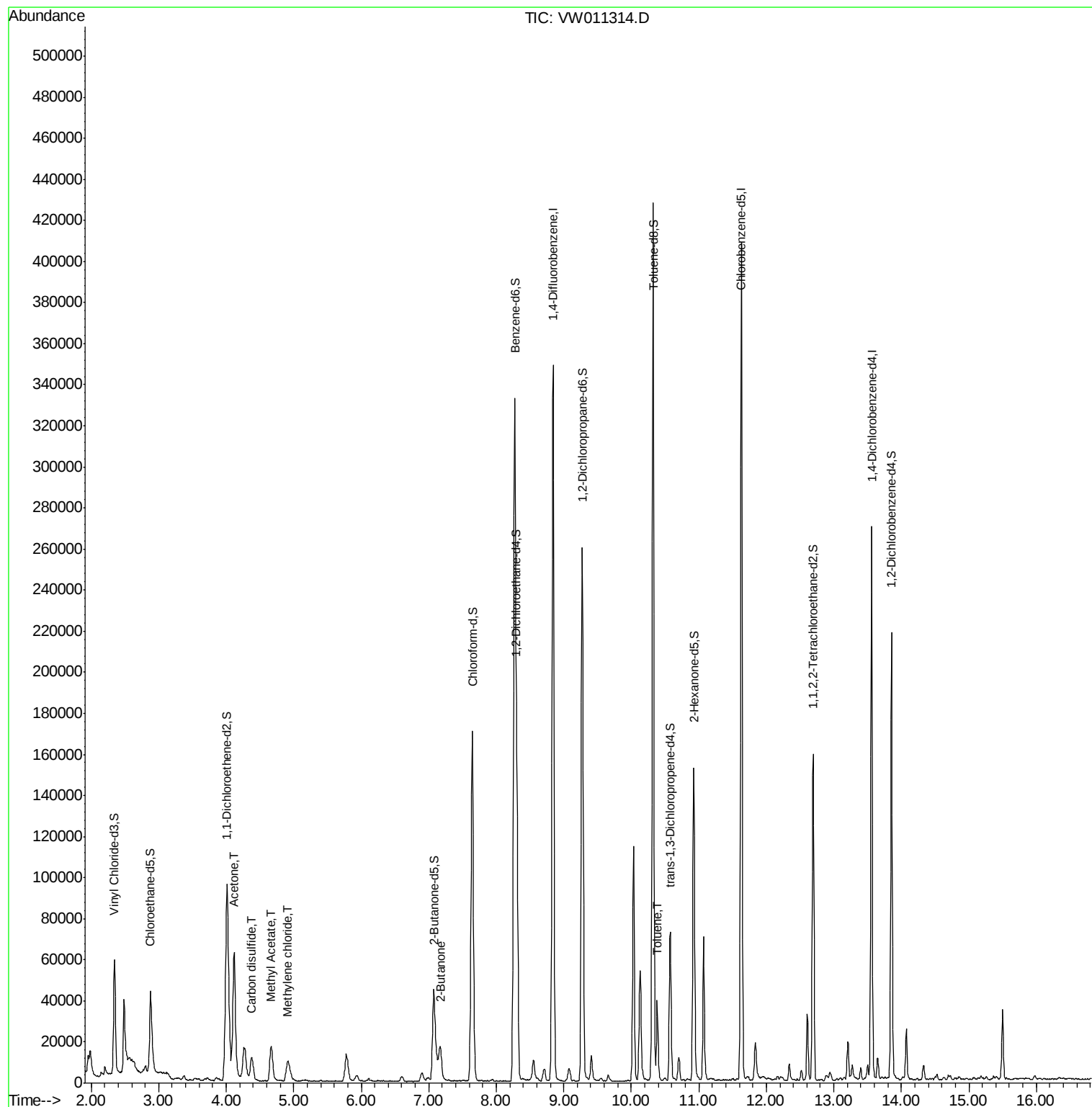
					Ovalue
13) Acetone	4.12	43	111856	70.140	ug/L 99
14) Carbon disulfide	4.38	76	23732	2.326	ug/L 97
15) Methyl Acetate	4.67	43	34836	13.425	ug/L 99
16) Methylene chloride	4.91	84	7803	1.956	ug/L 93
21) 2-Butanone	7.17	43	24071	11.692	ug/L 100
44) Toluene	10.38	91	27090	1.947	ug/L 99

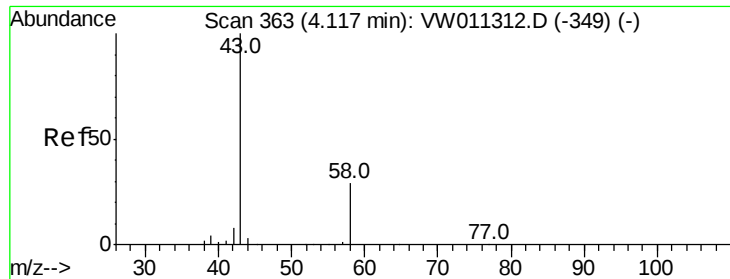
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Jul 18 06:37:55 2019
Response via : Initial Calibration





#13

Acetone

Concen: 70.140 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011314.D

Acq: 17 Jul 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

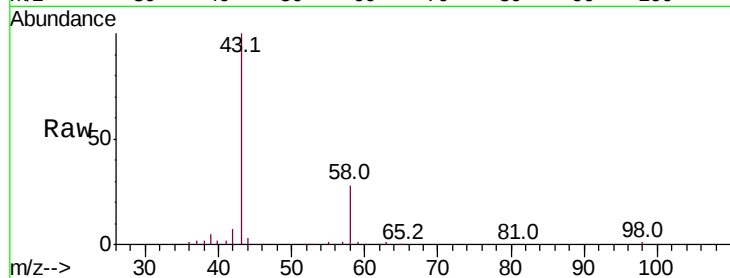
A52H6RE

Tot Ion: 43 Resp: 111856

Ion Ratio Lower Upper

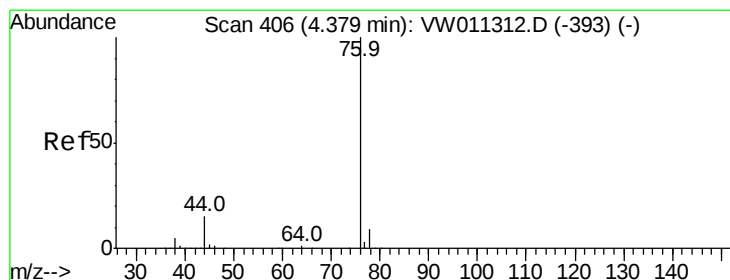
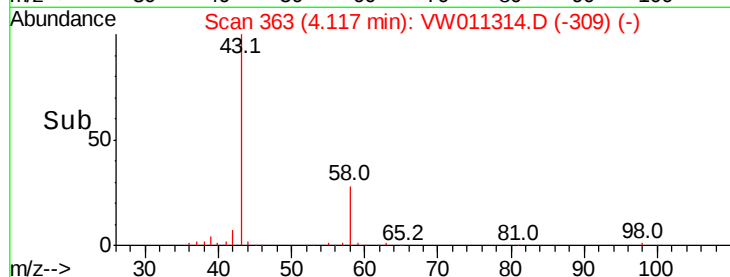
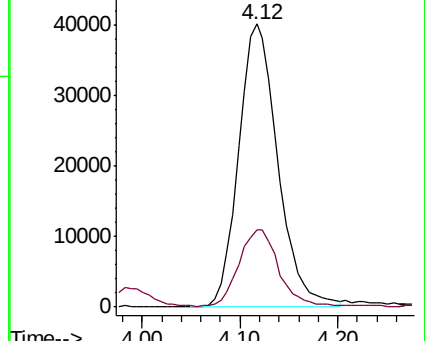
43 100

58 27.2 0.0 55.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 2.326 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW011314.D

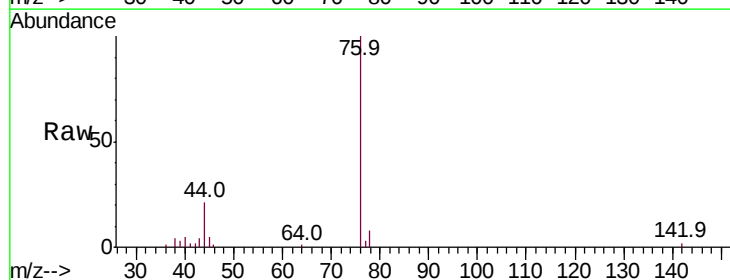
Acq: 17 Jul 2019 19:09

Tgt Ion: 76 Resp: 23732

Ion Ratio Lower Upper

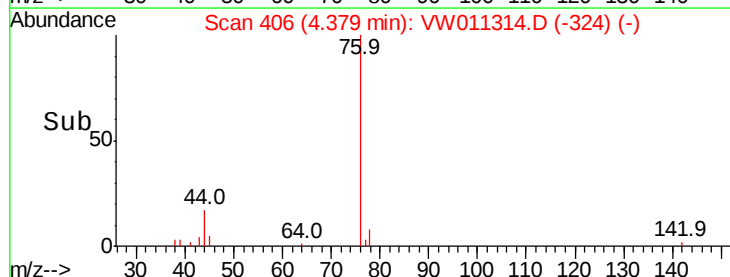
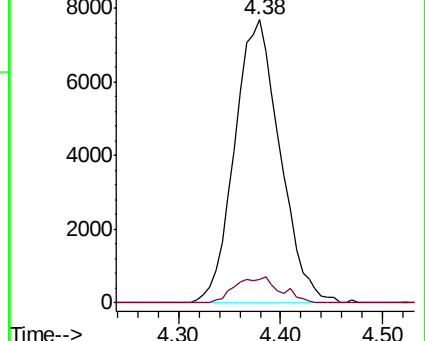
76 100

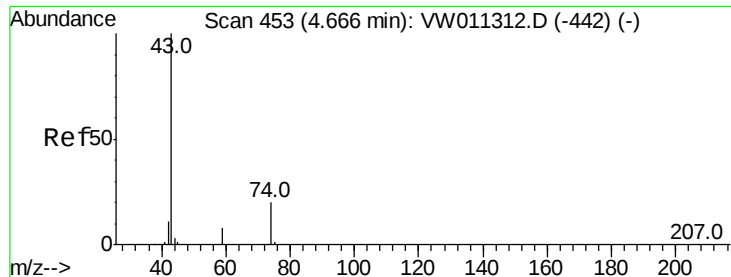
78 8.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW





#15

Methvl Acetate

Concen: 13.425 ug/L

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW011314.D

Acq: 17 Jul 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

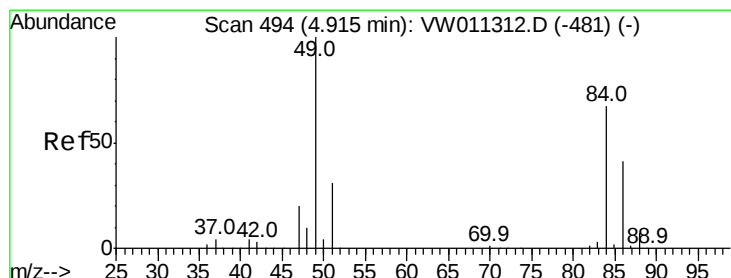
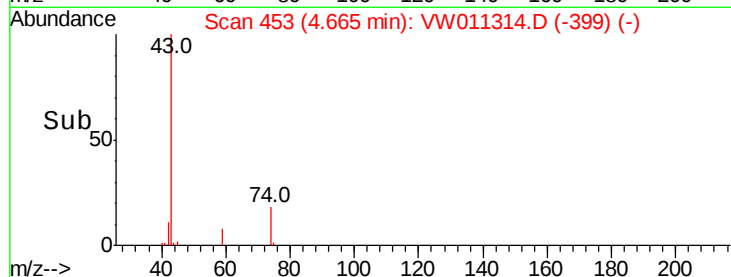
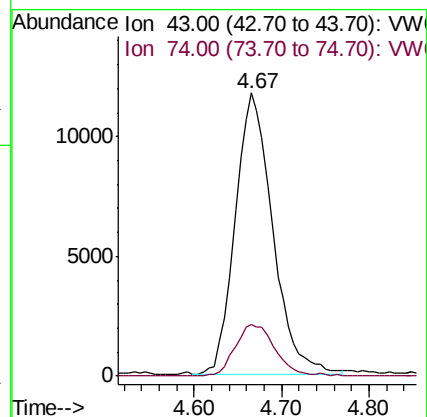
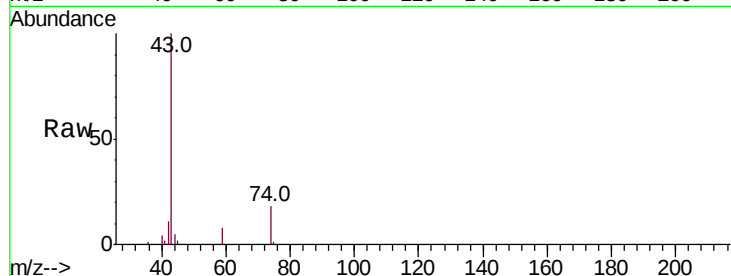
A52H6RE

Tot Ion: 43 Resp: 34836

Ion Ratio Lower Upper

43 100

74 19.4 15.1 22.7



#16

Methylene chloride

Concen: 1.956 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW011314.D

Acq: 17 Jul 2019 19:09

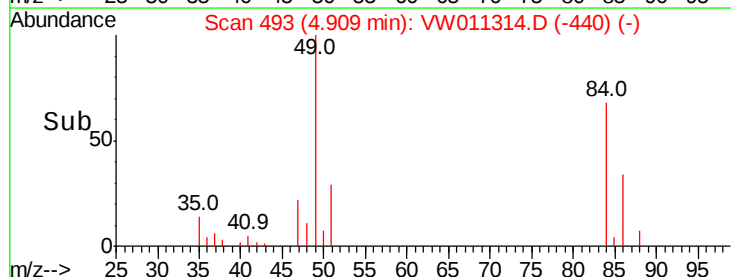
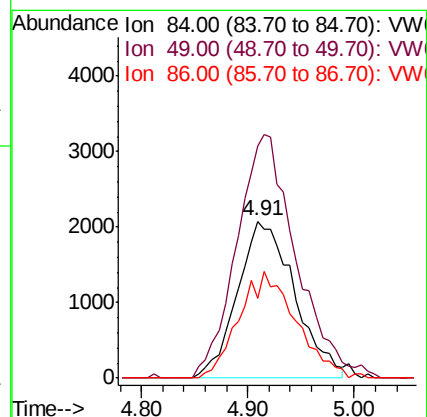
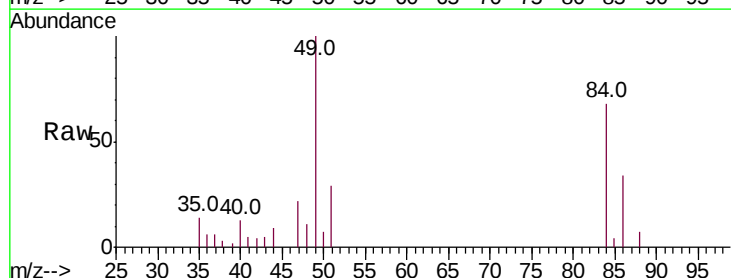
Tgt Ion: 84 Resp: 7803

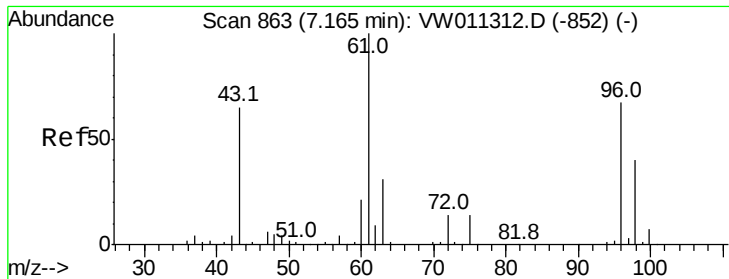
Ion Ratio Lower Upper

84 100

49 147.9 102.5 190.3

86 51.0 46.4 86.2





#21

2-Butanone

Concen: 11.692 ug/L

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011314.D

Acq: 17 Jul 2019 19:09

Instrument :

MSVOA_W

ClientSampleId :

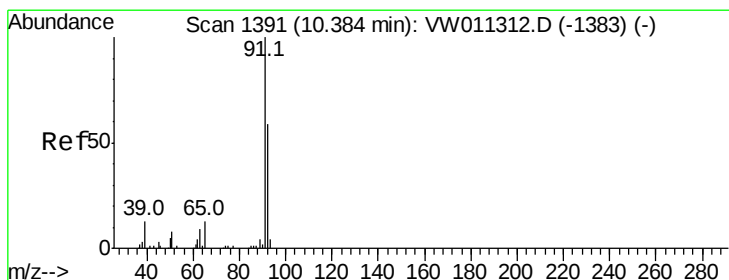
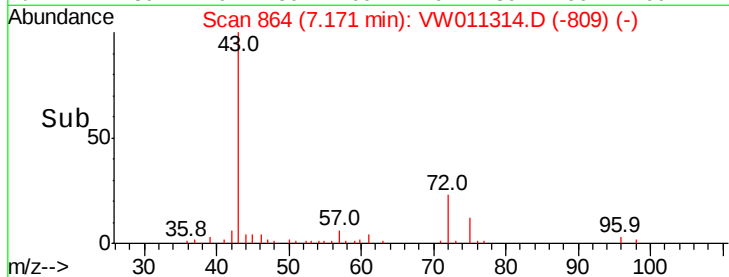
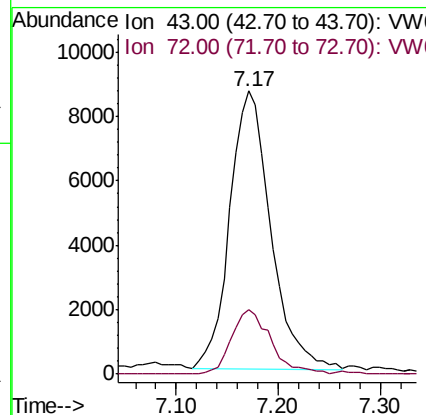
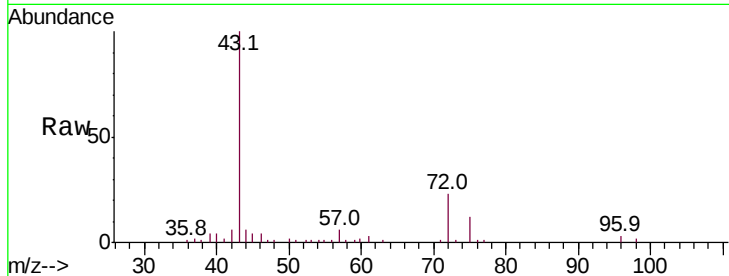
A52H6RE

Tot Ion: 43 Resp: 24071

Ion Ratio Lower Upper

43 100

72 22.3 11.2 33.6



#44

Toluene

Concen: 1.947 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW011314.D

Acq: 17 Jul 2019 19:09

Tgt Ion: 91 Resp: 27090

Ion Ratio Lower Upper

91 100

92 57.5 40.8 75.8

