

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092018\
 Data File : VW005531.D
 Acq On : 20 Sep 2018 13:31
 Operator : SY/AP
 Sample : J4970-04
 Misc : 6.53G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FD6

Quant Time: Sep 21 01:01:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091918S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 21 01:00:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	341609	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305304	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	125987	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	113439	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.64%
7) Chloroethane-d5	2.90	69	89301	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.44%
10) 1,1-Dichloroethene-d2	4.01	63	183938	18.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.68%
20) 2-Butanone-d5	7.09	46	68642	38.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.48%
24) Chloroform-d	7.65	84	224506	24.21	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.84%
26) 1,2-Dichloroethane-d4	8.31	65	140775	25.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.88%
29) Benzene-d6	8.28	84	436505	24.18	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.72%
33) 1,2-Dichloropropane-d6	9.28	67	131135	23.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.40%
37) Toluene-d8	10.33	98	403957	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.24%
38) trans-1,3-Dichloropropene-	10.59	79	61398	24.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.36%
39) 2-Hexanone-d5	10.93	63	50626	39.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.82%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	104170	20.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.88%
61) 1,2-Dichlorobenzene-d4	13.87	152	117910	24.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.64%

Target Compounds

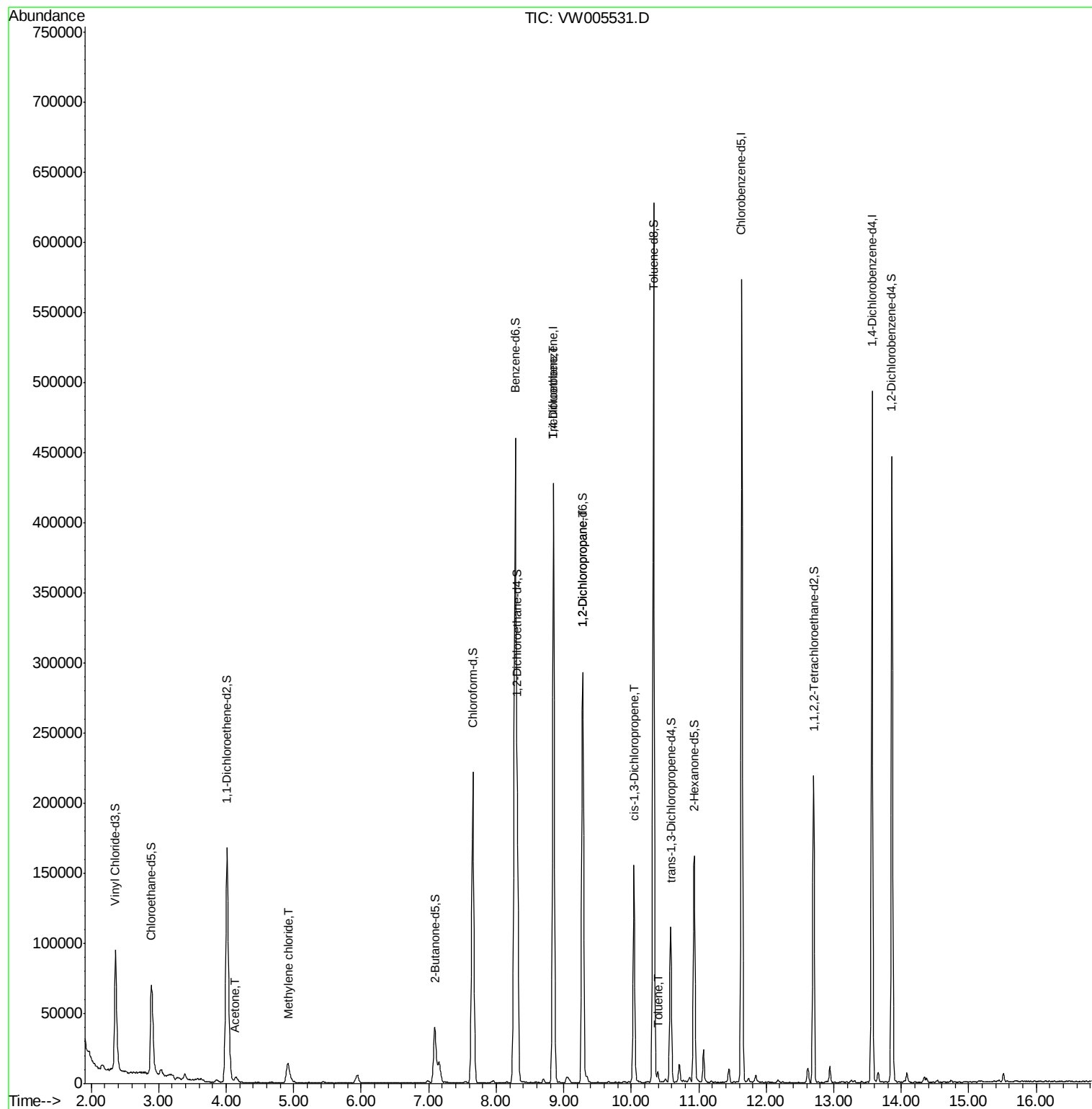
					Qvalue
13) Acetone	4.14	43	1962	1.277 ug/L	89
16) Methylene chloride	4.92	84	10923	1.933 ug/L	91
35) Trichloroethene	8.85	95	11290	2.369 ug/L #	6
40) 1,2-Dichloropropane	9.28	63	15161	3.169 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	4069	0.578 ug/L #	75
44) Toluene	10.40	91	5340	0.280 ug/L	85

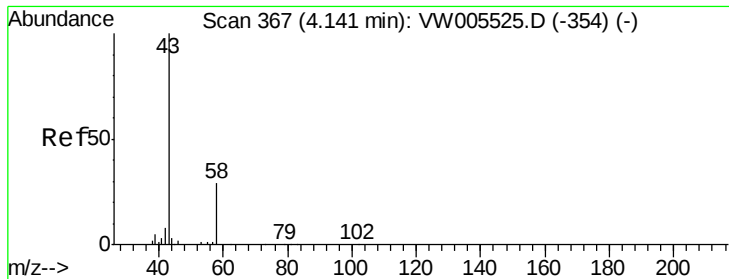
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 01:00:52 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.277 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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Acq: 20 Sep 2018 13:31

Instrument :

MSVOA_W

ClientSampled :

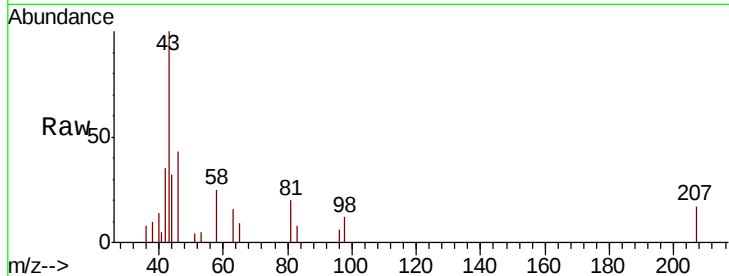
E5FD6

Tgt Ion: 43 Resp: 1962

Ion Ratio Lower Upper

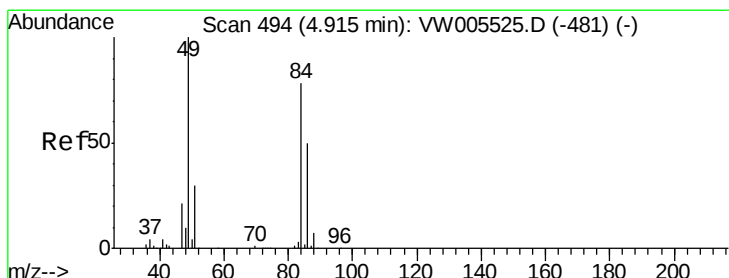
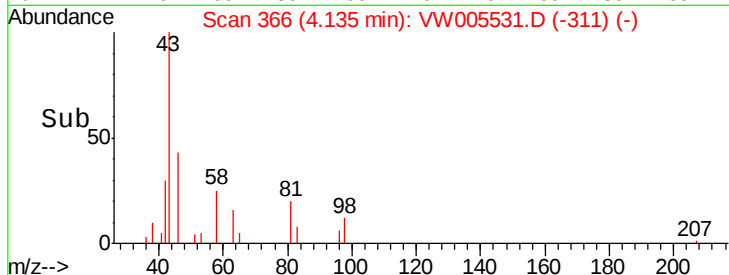
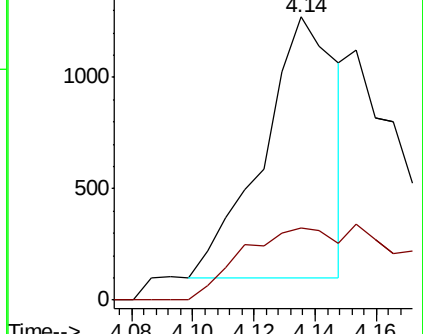
43 100

58 35.4 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.933 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005531.D

Acq: 20 Sep 2018 13:31

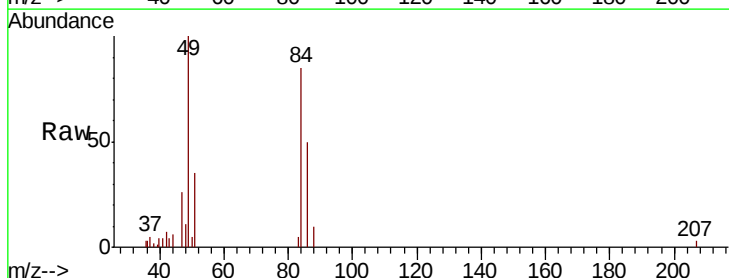
Tgt Ion: 84 Resp: 10923

Ion Ratio Lower Upper

84 100

49 117.9 91.5 169.9

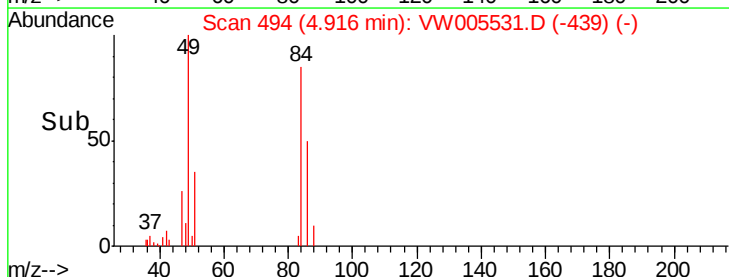
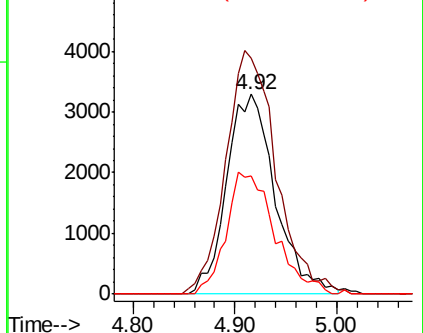
86 59.2 44.8 83.2

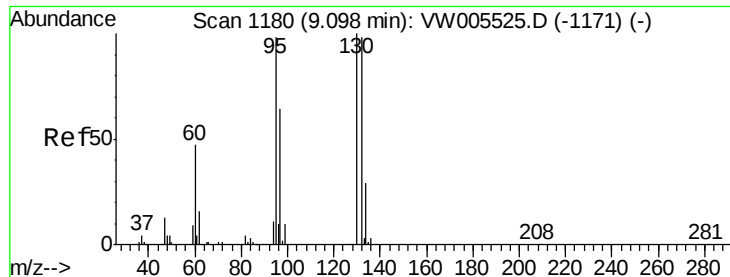


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#35

Trichloroethene

Concen: 2.369 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

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Instrument :

MSVOA_W

ClientSampleId :

E5FD6

Tgt Ion: 95 Resp: 11290

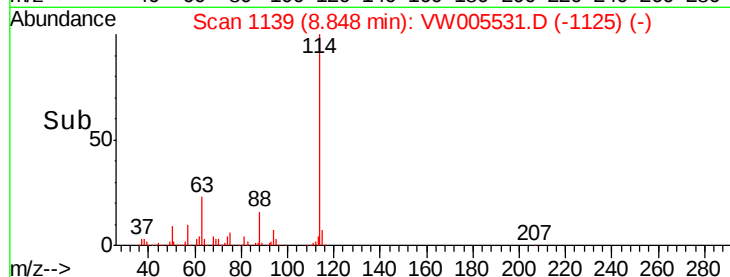
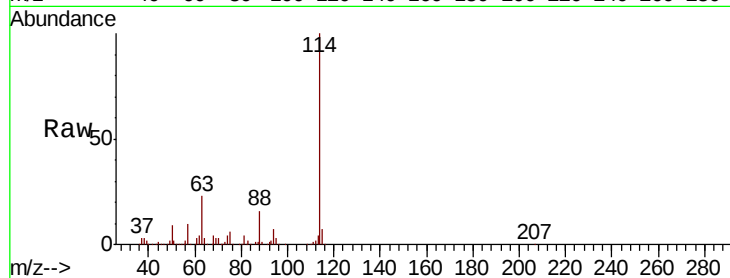
Ion Ratio Lower Upper

95 100

97 0.7 45.0 83.6#

132 0.0 66.4 123.2#

130 0.2 68.6 127.4#

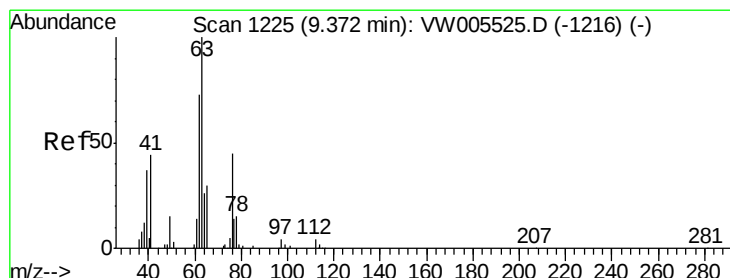
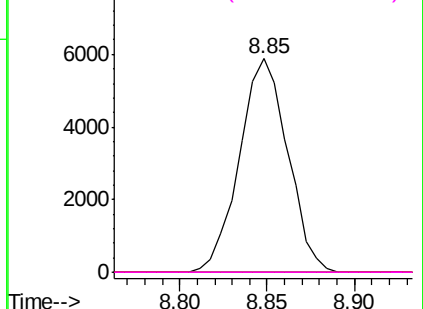


Abundance Ion 95.00 (94.70 to 95.70): VW

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



#40

1,2-Dichloropropane

Concen: 3.169 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005531.D

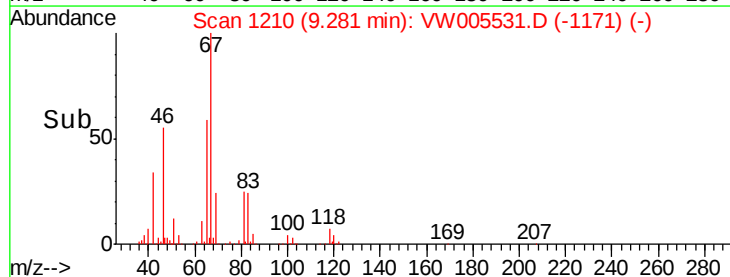
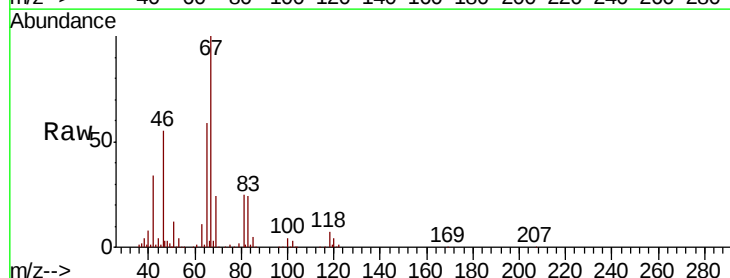
Acq: 20 Sep 2018 13:31

Tgt Ion: 63 Resp: 15161

Ion Ratio Lower Upper

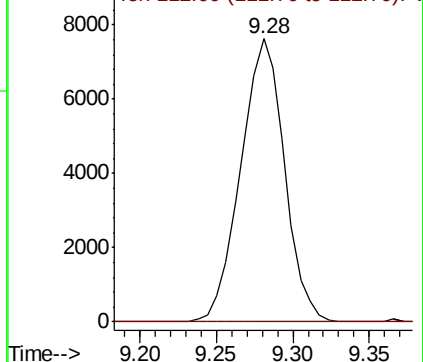
63 100

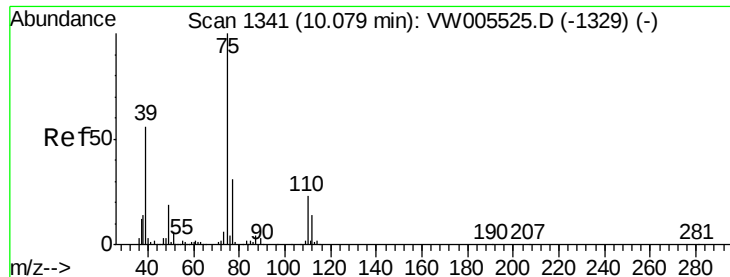
112 0.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#42

cis-1,3-Dichloropropene

Concen: 0.578 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW005531.D

Acq: 20 Sep 2018 13:31

Instrument :

MSVOA_W

ClientSampled :

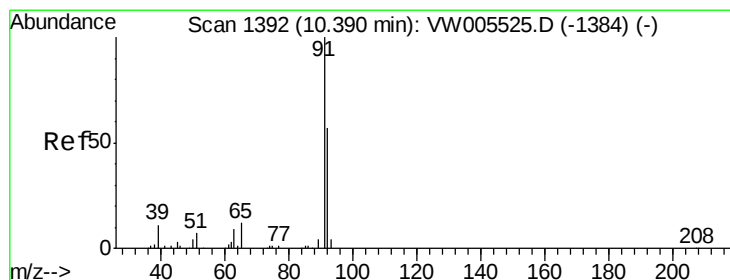
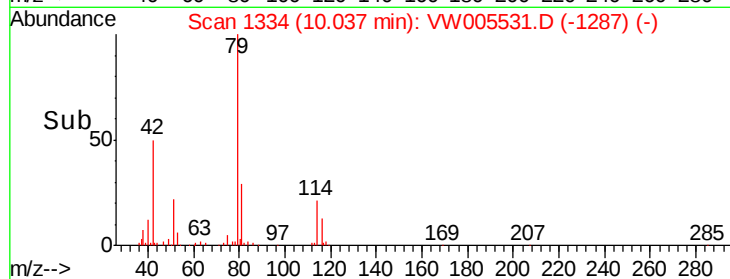
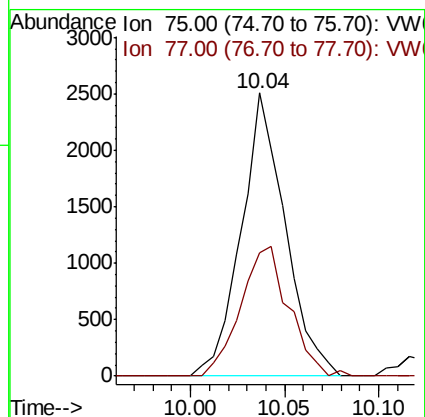
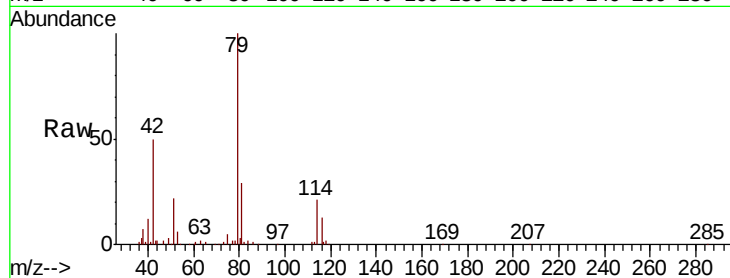
E5FD6

Tgt Ion: 75 Resp: 4069

Ion Ratio Lower Upper

75 100

77 43.8 21.1 39.1#



#44

Toluene

Concen: 0.280 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005531.D

Acq: 20 Sep 2018 13:31

Tgt Ion: 91 Resp: 5340

Ion Ratio Lower Upper

91 100

92 45.8 40.0 74.2

