

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092018\
 Data File : VW005529.D
 Acq On : 20 Sep 2018 12:39
 Operator : SY/AP
 Sample : J4970-02MS
 Misc : 5.84G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FD5MS

Quant Time: Sep 21 01:42:50 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	309139	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	287387	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	123405	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111763	26.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.40%
7) Chloroethane-d5	2.90	69	89794	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.24%
10) 1,1-Dichloroethene-d2	4.01	63	231959	25.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.32%
20) 2-Butanone-d5	7.09	46	70907	43.65	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.30%
24) Chloroform-d	7.65	84	220373	26.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.04%
26) 1,2-Dichloroethane-d4	8.31	65	137710	27.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.04%
29) Benzene-d6	8.28	84	432082	25.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.72%
33) 1,2-Dichloropropane-d6	9.28	67	132419	25.58	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.32%
37) Toluene-d8	10.33	98	397439	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.64%
38) trans-1,3-Dichloropropene-	10.59	79	60812	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.44%
39) 2-Hexanone-d5	10.93	63	55500	45.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.78%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	108243	23.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.60%
61) 1,2-Dichlorobenzene-d4	13.87	152	129517	27.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.36%

Target Compounds

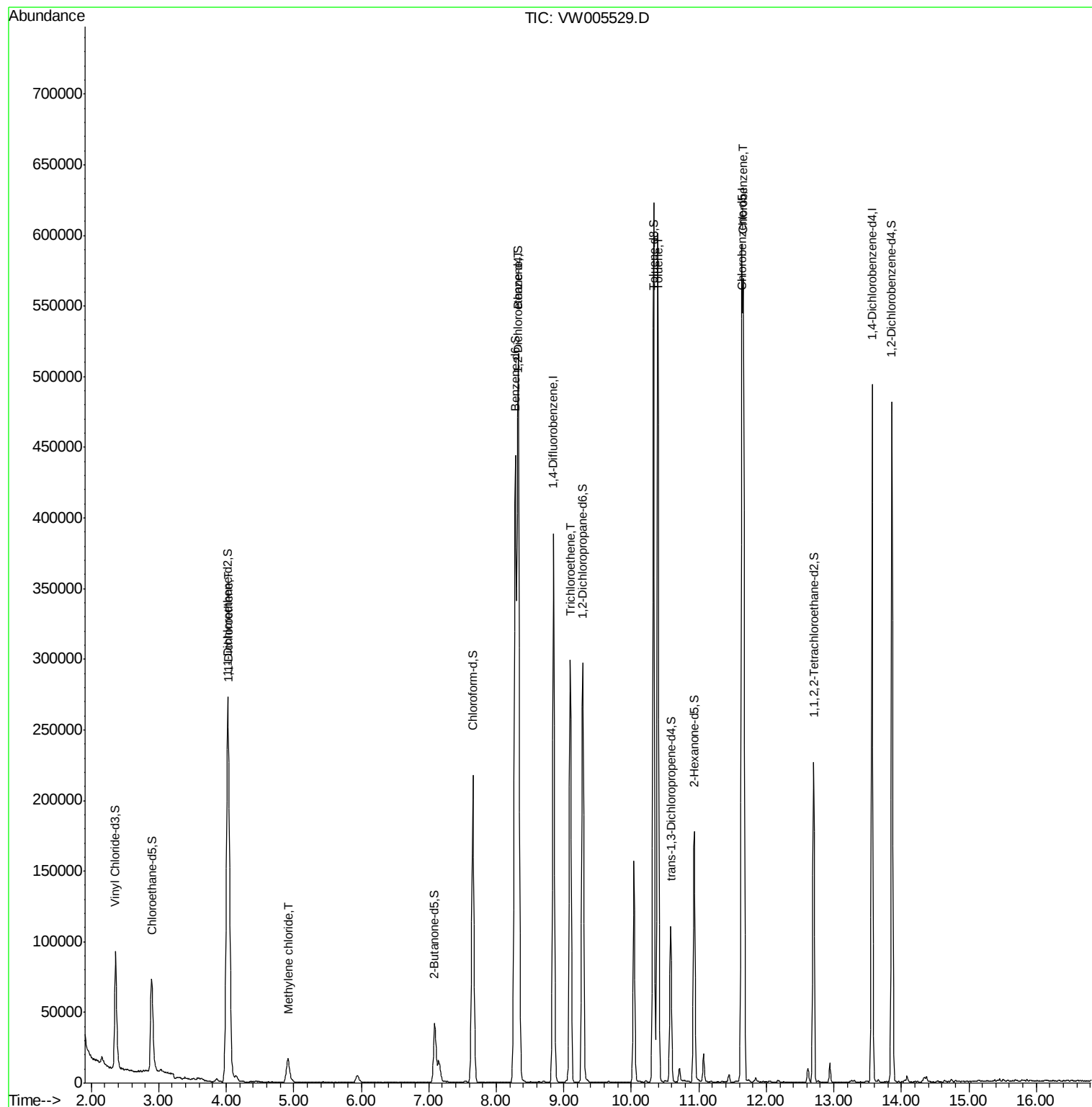
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	90612	23.696	ug/L	93
16) Methylene chloride	4.92	84	13289	2.599	ug/L	89
34) Benzene	8.33	78	413466	23.839	ug/L	100
35) Trichloroethene	9.10	95	104418	23.276	ug/L	99
44) Toluene	10.40	91	442374	24.666	ug/L	100
52) Chlorobenzene	11.66	112	269147	23.160	ug/L	99

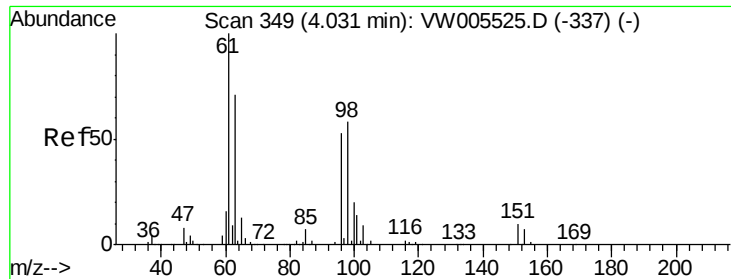
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 21 01:00:52 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 23.696 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW005529.D

Acq: 20 Sep 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

E5FD5MS

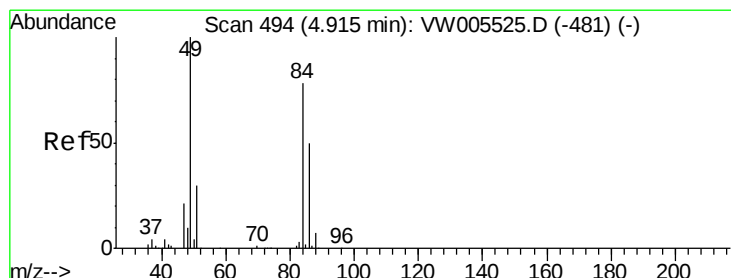
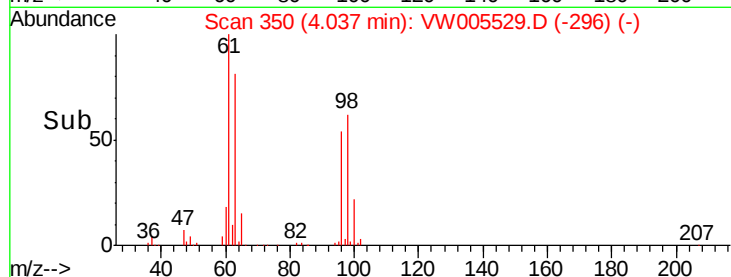
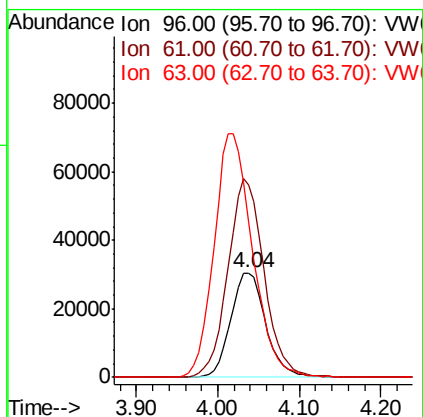
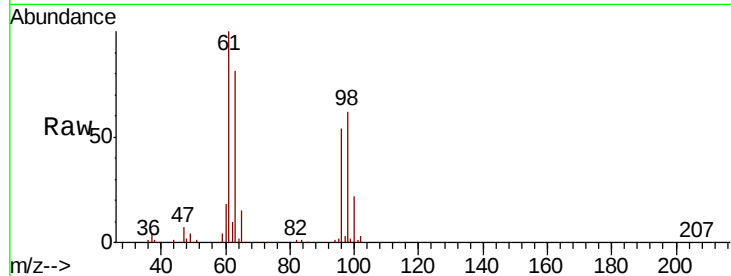
Tot Ion: 96 Resp: 90612

Ion Ratio Lower Upper

96 100

61 184.7 129.5 240.5

63 149.0 117.5 218.3



#16

Methylene chloride

Concen: 2.599 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW005529.D

Acq: 20 Sep 2018 12:39

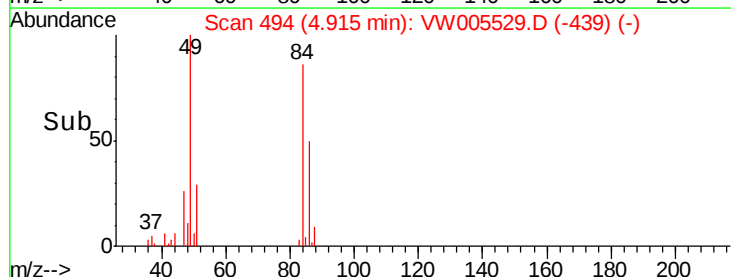
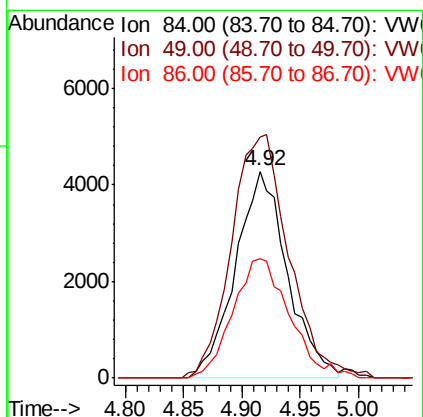
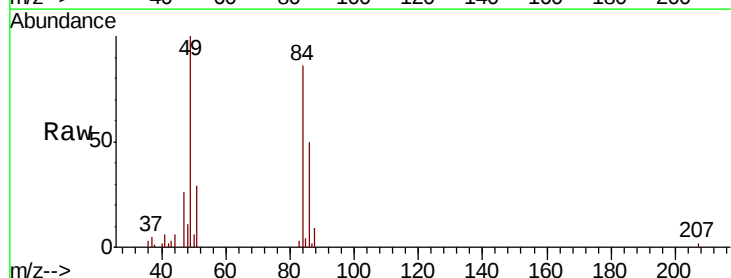
Tgt Ion: 84 Resp: 13289

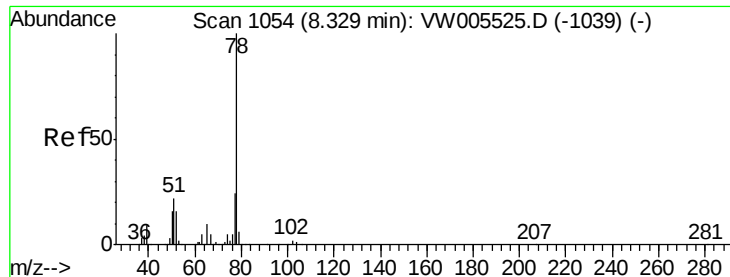
Ion Ratio Lower Upper

84 100

49 116.4 91.5 169.9

86 57.7 44.8 83.2





#34

Benzene

Concen: 23.839 ug/L

RT: 8.33 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VW005529.D

Acq: 20 Sep 2018 12:39

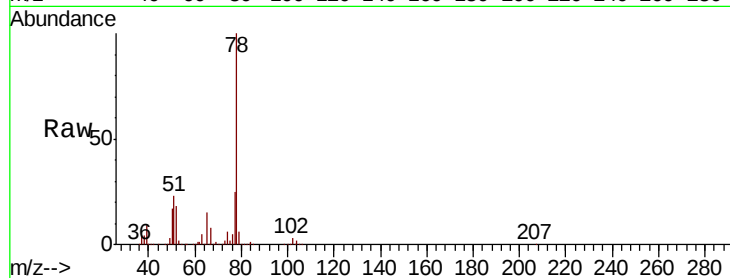
Instrument :

MSVOA_W

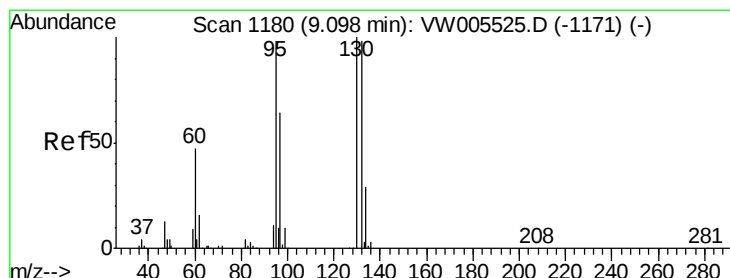
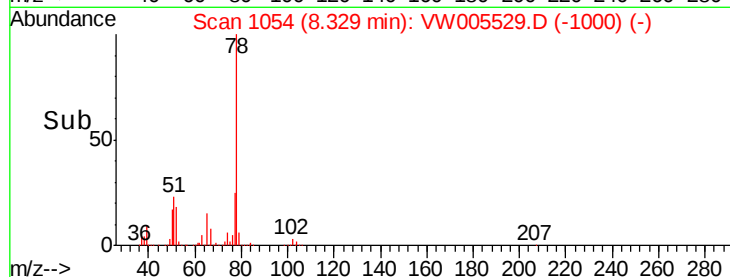
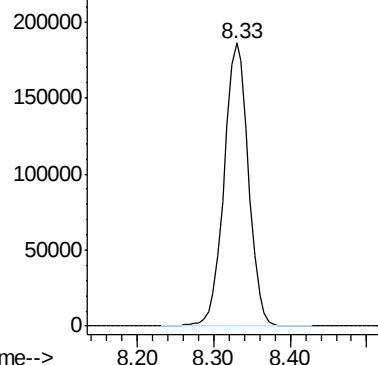
ClientSampleId :

E5FD5MS

Tgt Ion: 78 Resp: 413466



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.276 ug/L

RT: 9.10 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VW005529.D

Acq: 20 Sep 2018 12:39

Tgt Ion: 95 Resp: 104418

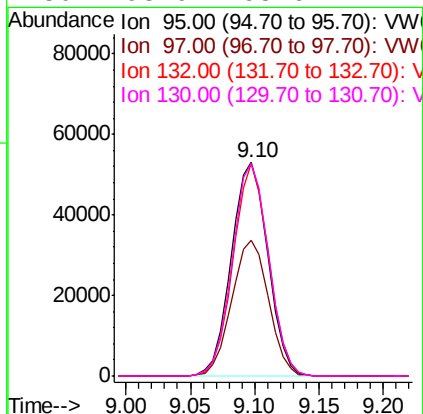
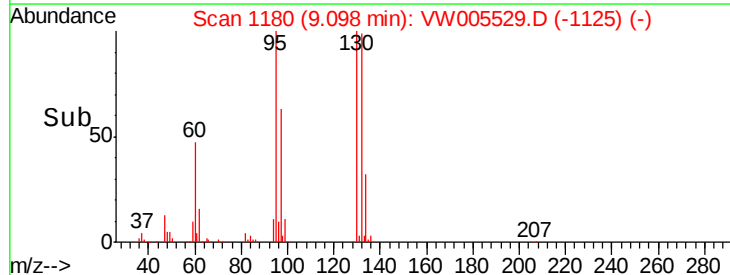
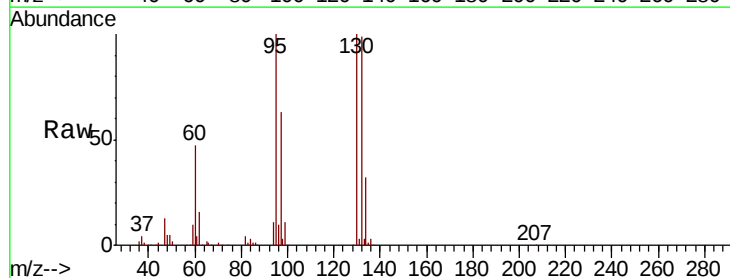
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.0	83.6
132	96.4	66.4	123.2
130	98.9	68.6	127.4

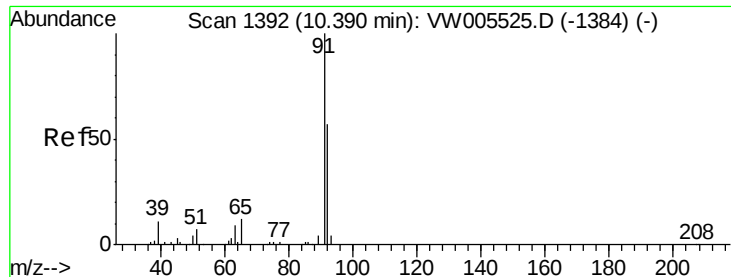
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#44

Toluene

Concen: 24.666 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005529.D

Acq: 20 Sep 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

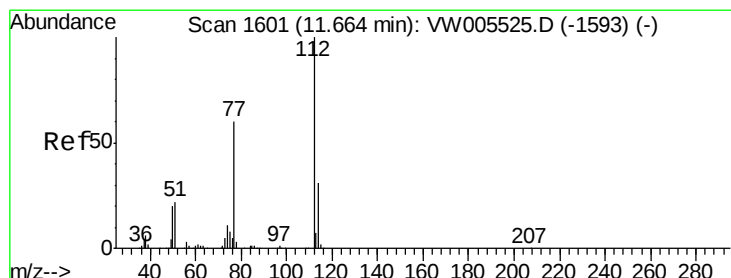
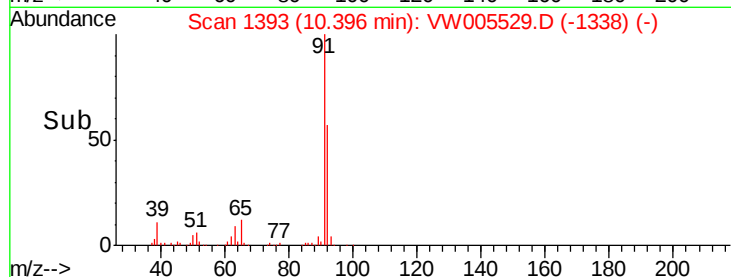
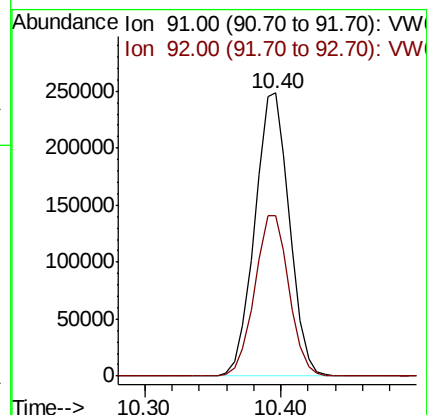
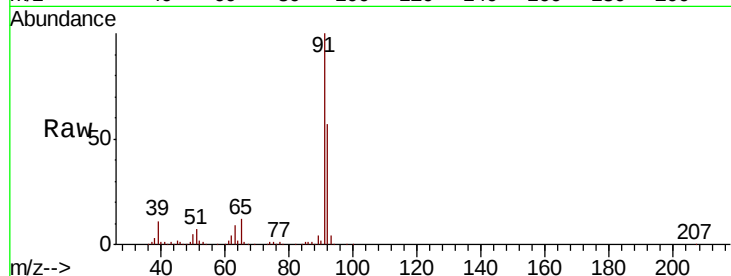
E5FD5MS

Tot Ion: 91 Resp: 442374

Ion Ratio Lower Upper

91 100

92 56.8 40.0 74.2



#52

Chlorobenzene

Concen: 23.160 ug/L

RT: 11.66 min Scan# 1601

Delta R.T. -0.00 min

Lab File: VW005529.D

Acq: 20 Sep 2018 12:39

Tgt Ion: 112 Resp: 269147

Ion Ratio Lower Upper

112 100

77 59.8 48.5 72.7

114 31.7 22.5 41.7

