

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 01:01:16 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

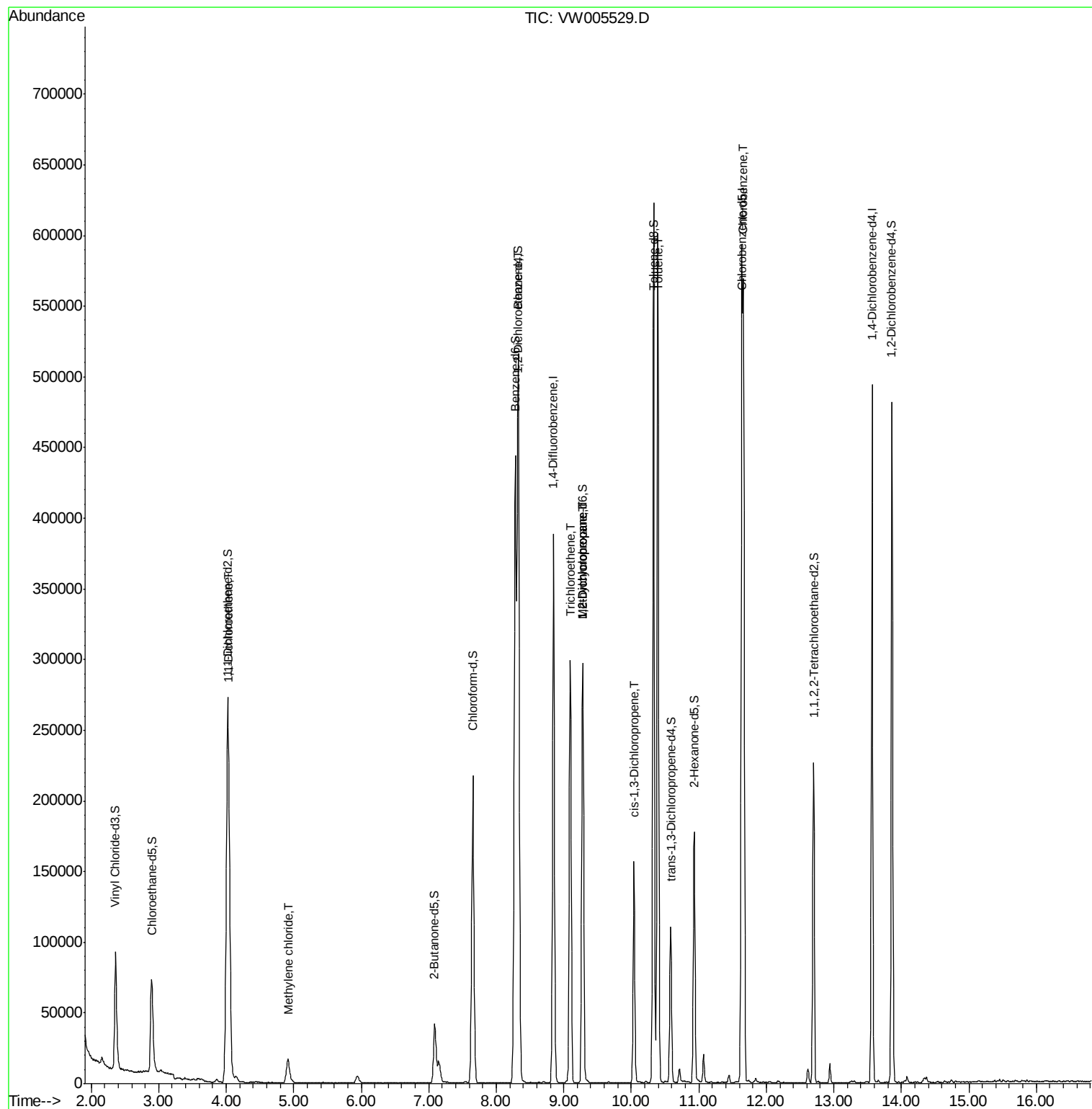
					Qvalue
12) 1,1-Dichloroethene	4.04	96	90612	23.696 ug/L	93
16) Methylene chloride	4.92	84	13289	2.599 ug/L	89
34) Benzene	8.33	78	413466	23.839 ug/L	100
35) Trichloroethene	9.10	95	104418	23.276 ug/L	99
36) Methylcyclohexane	9.28	83	32017	3.981 ug/L #	17
40) 1,2-Dichloropropane	9.28	63	16225	3.603 ug/L #	88
42) cis-1,3-Dichloropropene	10.04	75	3975	0.600 ug/L #	55
44) Toluene	10.40	91	442374	24.666 ug/L	100
52) Chlorobenzene	11.66	112	269147	23.160 ug/L	99

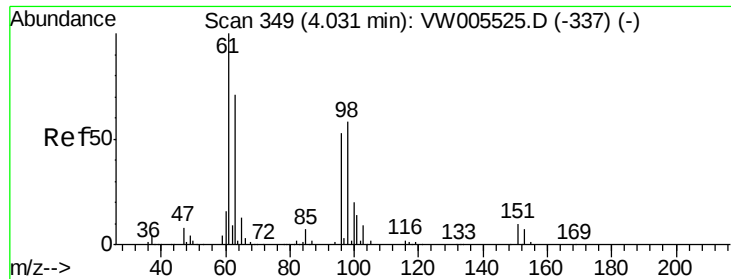
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 21 01:00:52 2018
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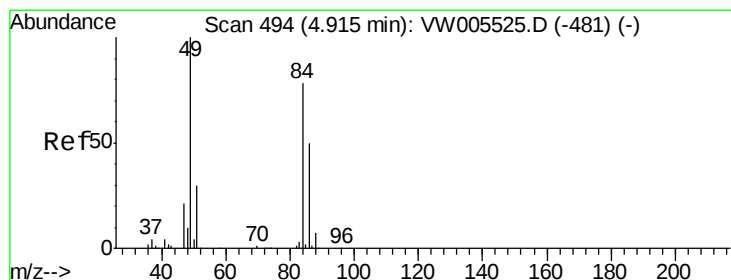
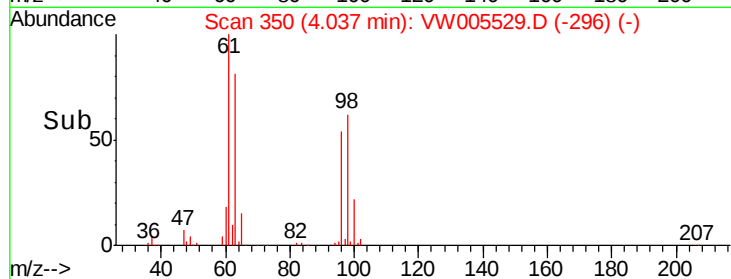
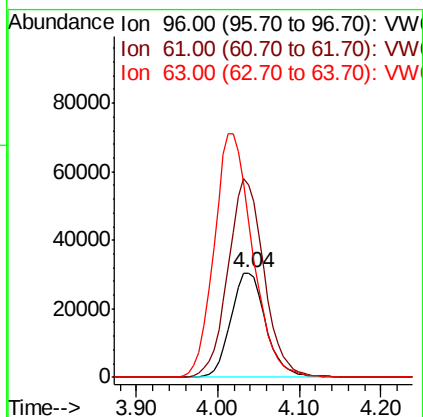
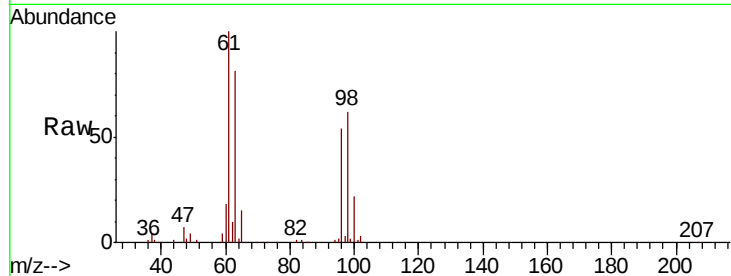




#12
 1,1-Dichloroethene
 Concen: 23.696 ug/L
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW005529.D
 Acq: 20 Sep 2018 12:39

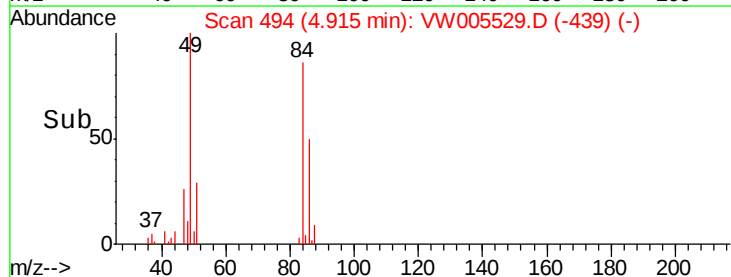
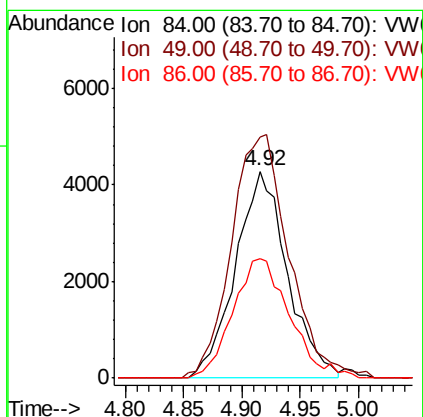
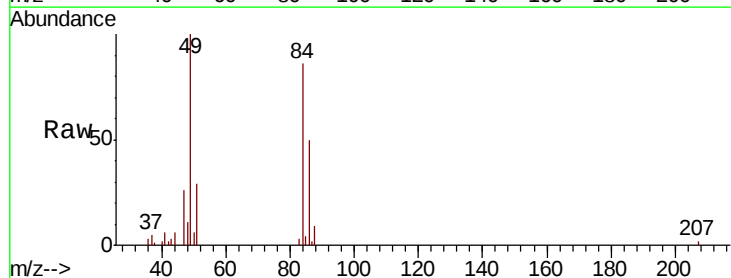
Instrument :
 MSVOA_W
 ClientSampleId :
 E5FD5MS

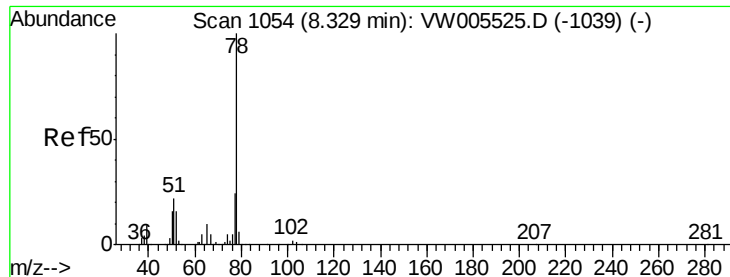
Tgt Ion: 96 Resp: 90612
 Ion Ratio Lower Upper
 96 100
 61 184.7 129.5 240.5
 63 149.0 117.5 218.3



#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

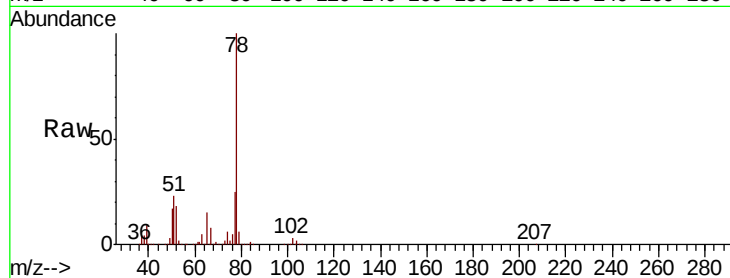
Instrument :

MSVOA_W

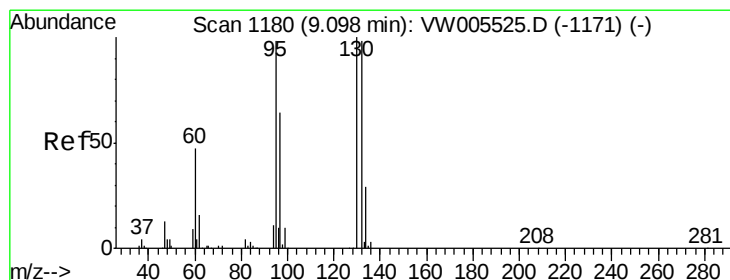
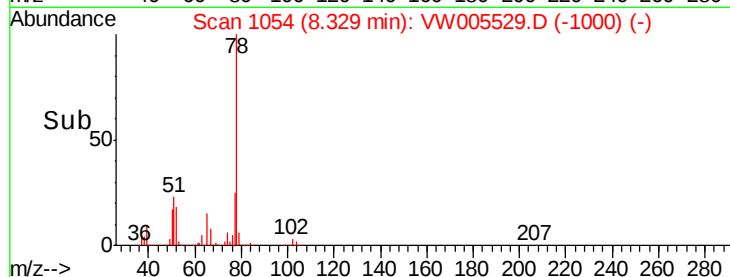
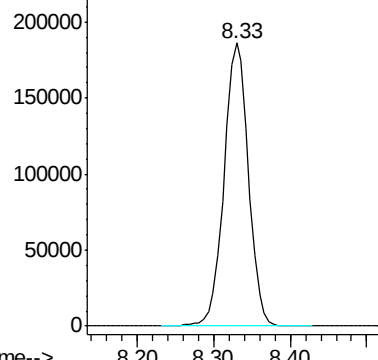
ClientSampleId :

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

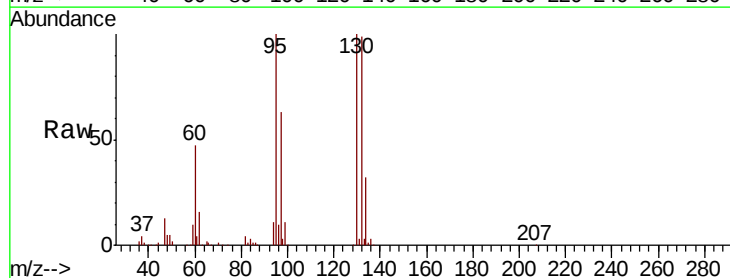
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.0	83.6
132	96.4	66.4	123.2
130	98.9	68.6	127.4

95 100

97 64.1 45.0 83.6

132 96.4 66.4 123.2

130 98.9 68.6 127.4

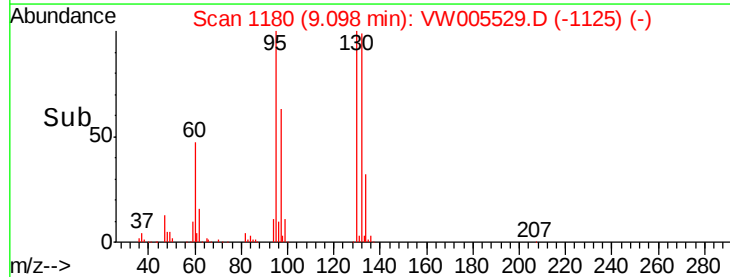
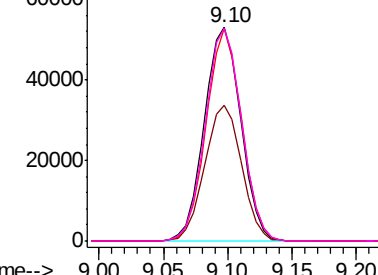


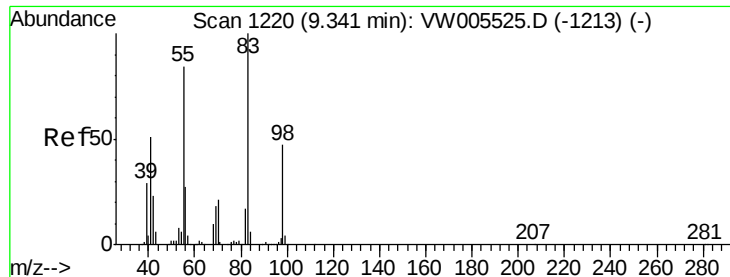
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#36

Methylcyclohexane

Concen: 3.981 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.06 min

Lab File: VW005529.D

Acq: 20 Sep 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

E5FD5MS

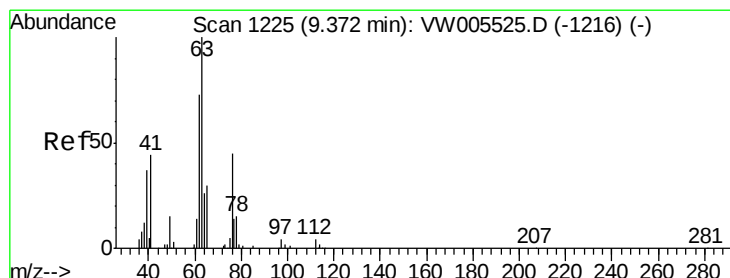
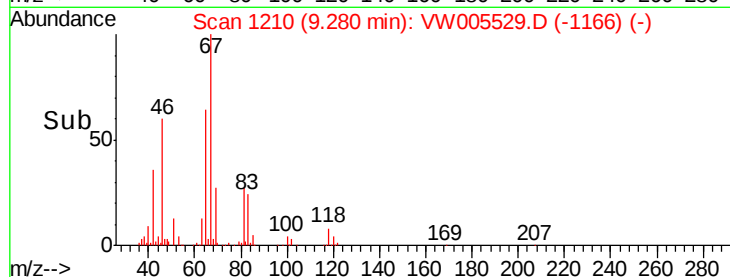
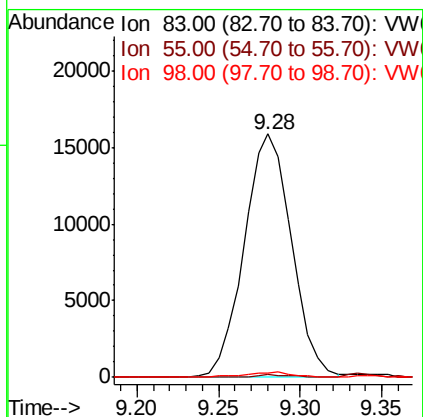
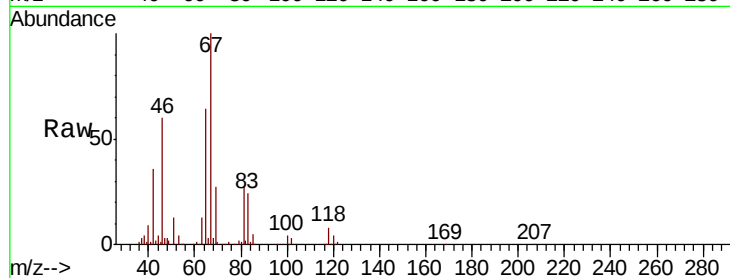
Tgt Ion: 83 Resp: 32017

Ion Ratio Lower Upper

83 100

55 0.8 66.4 99.6#

98 1.7 36.3 54.5#



#40

1,2-Dichloropropane

Concen: 3.603 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW005529.D

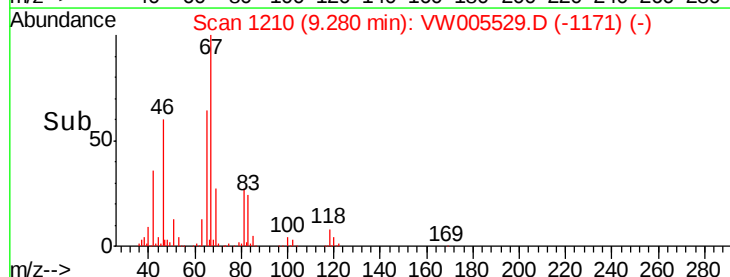
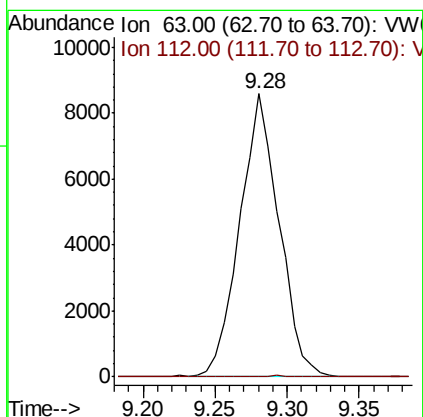
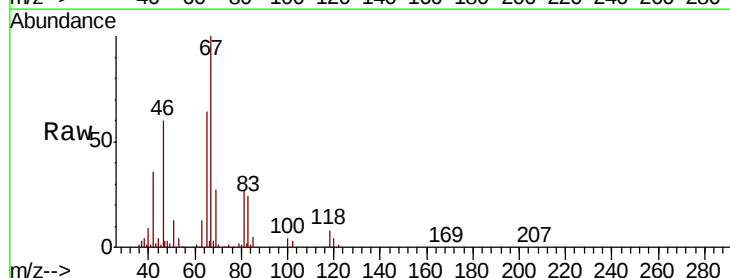
Acq: 20 Sep 2018 12:39

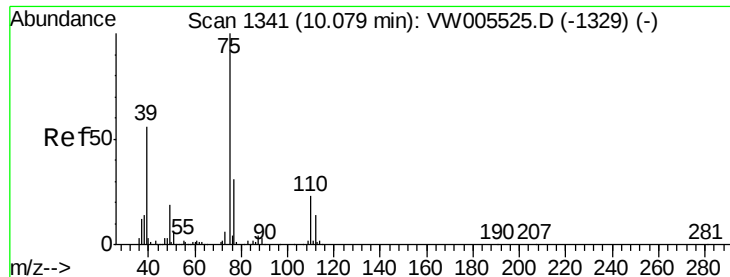
Tgt Ion: 63 Resp: 16225

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#42

cis-1,3-Dichloropropene

Concen: 0.600 ug/L

RT: 10.04 min Scan# 1335

Delta R.T. -0.04 min

Lab File: VW005529.D

Acq: 20 Sep 2018 12:39

Instrument :

MSVOA_W

ClientSampleId :

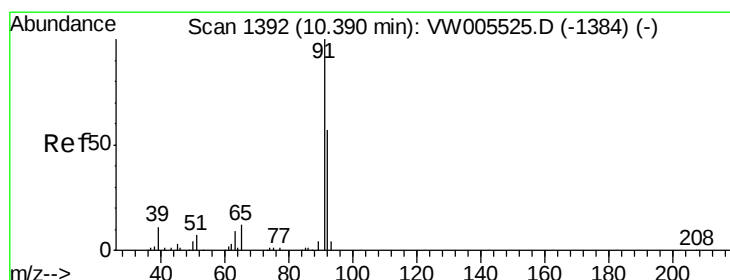
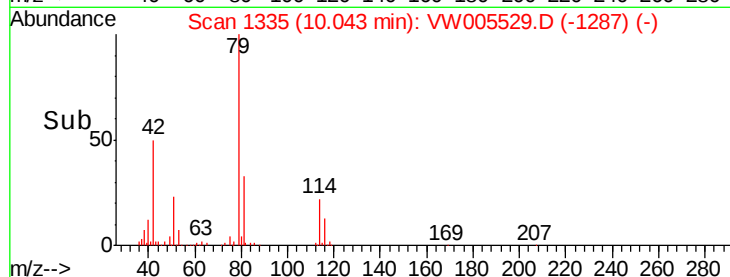
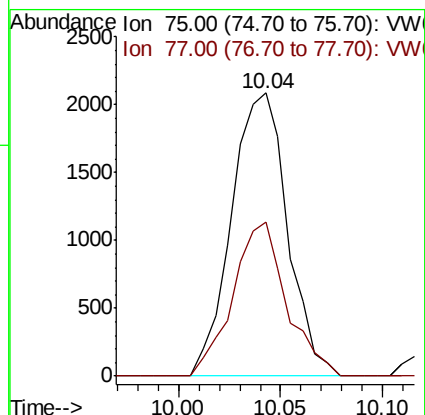
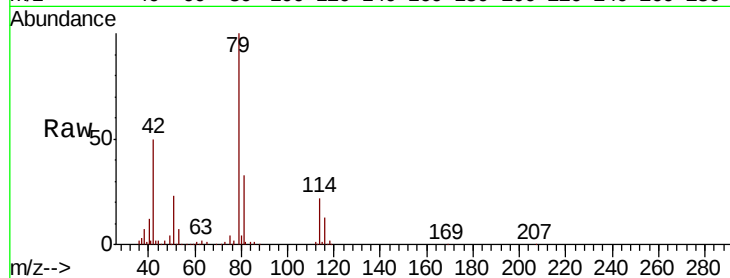
E5FD5MS

Tgt Ion: 75 Resp: 3975

Ion Ratio Lower Upper

75 100

77 54.5 21.1 39.1#



#44

Toluene

Concen: 24.666 ug/L

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW005529.D

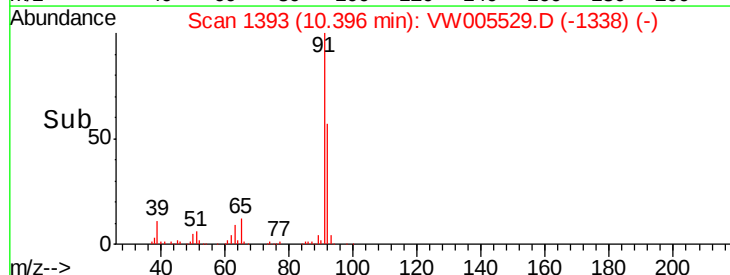
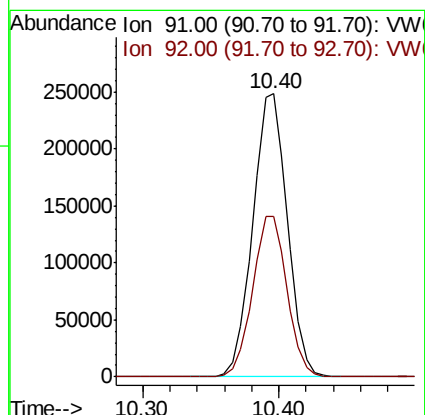
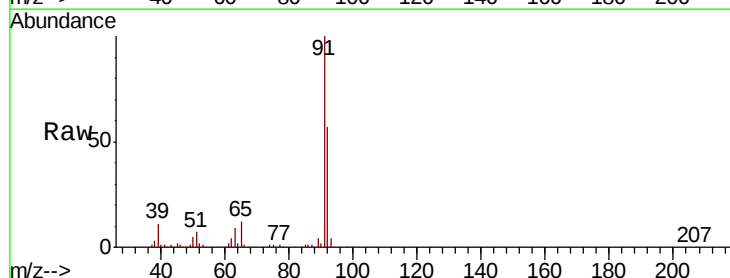
Acq: 20 Sep 2018 12:39

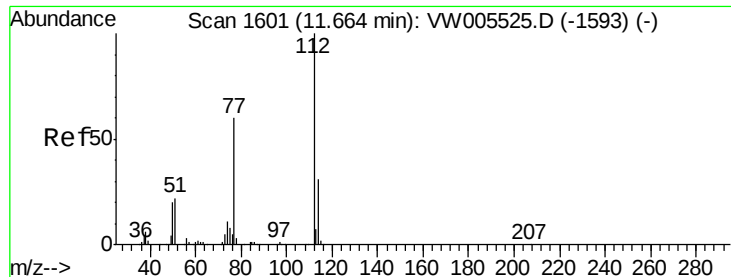
Tgt Ion: 91 Resp: 442374

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

Instrument :

MSVOA_W

ClientSampleId :

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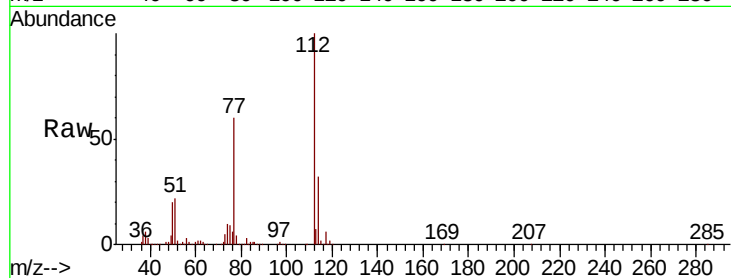
Tgt Ion:112 Resp: 269147

Ion Ratio Lower Upper

112 100

77 59.8 48.5 72.7

114 31.7 22.5 41.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

