

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
 Data File : VW003425.D
 Acq On : 22 Jun 2018 14:21
 Operator : SY/AP
 Sample : J3621-22MS
 Misc : 7.265G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ96MS

Quant Time: Jun 23 02:16:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 23 02:14:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	278346	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	273191	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	126210	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	76035	20.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.56%
7) Chloroethane-d5	2.89	69	68055	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.44%
10) 1,1-Dichloroethene-d2	4.01	63	169375	22.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.40%
20) 2-Butanone-d5	7.10	46	65747	55.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.54%
24) Chloroform-d	7.65	84	165259	22.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.28%
26) 1,2-Dichloroethane-d4	8.31	65	108276	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.56%
29) Benzene-d6	8.28	84	304839	21.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.12%
33) 1,2-Dichloropropane-d6	9.28	67	105503	22.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.96%
37) Toluene-d8	10.33	98	281343	20.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.20%
38) trans-1,3-Dichloropropene-	10.58	79	46718	21.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.76%
39) 2-Hexanone-d5	10.93	63	48358	51.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.12%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	104631	24.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.04%
61) 1,2-Dichlorobenzene-d4	13.87	152	115611	24.25	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.00%

Target Compounds

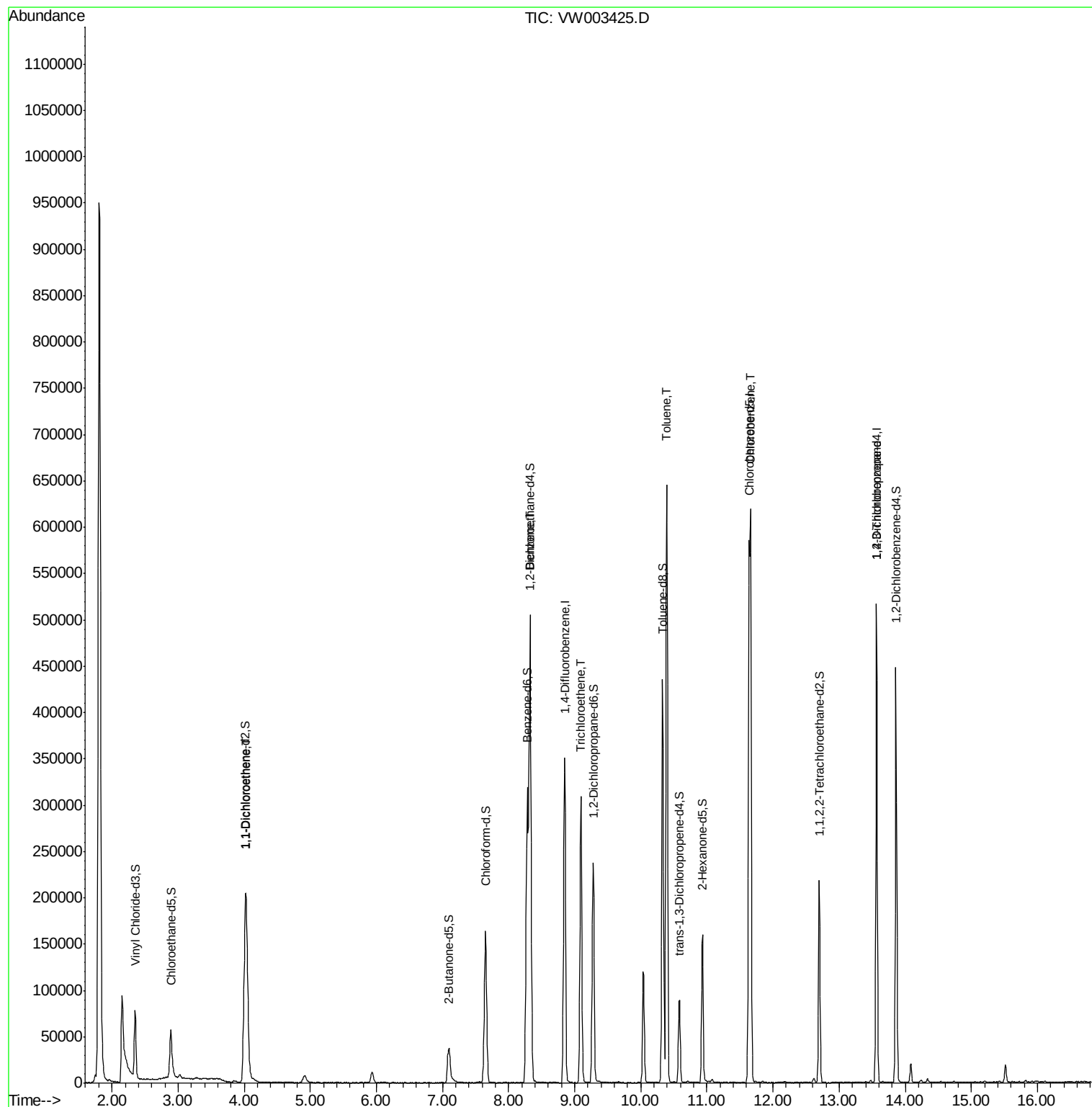
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	89390	25.692	ug/L	95
34) Benzene	8.33	78	413823	26.564	ug/L	100
35) Trichloroethene	9.09	95	107107	25.509	ug/L	99
44) Toluene	10.39	91	456496	27.019	ug/L	100
52) Chlorobenzene	11.66	112	287604	26.214	ug/L	100
59) 1,2,3-Trichloropropane	13.57	75	16231	5.249	ug/L	90

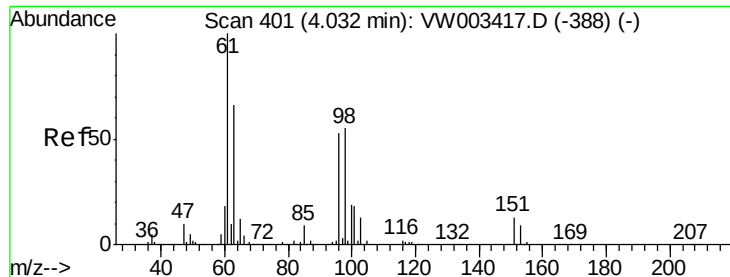
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW062218\
Data File : VW003425.D
Acq On : 22 Jun 2018 14:21
Operator : SY/AP
Sample : J3621-22MS
Misc : 7.265G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DAZ96MS

Quant Time: Jun 23 02:16:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 23 02:14:03 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 25.692 ug/L

RT: 4.03 min Scan# 401

Delta R.T. -0.00 min

Lab File: VW003425.D

Acq: 22 Jun 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

DAZ96MS

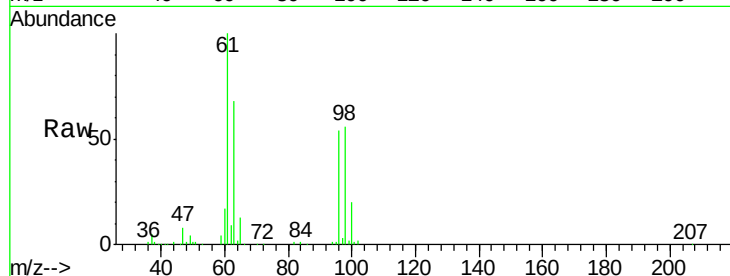
Tgt Ion: 96 Resp: 89390

Ion Ratio Lower Upper

96 100

61 184.5 124.1 230.5

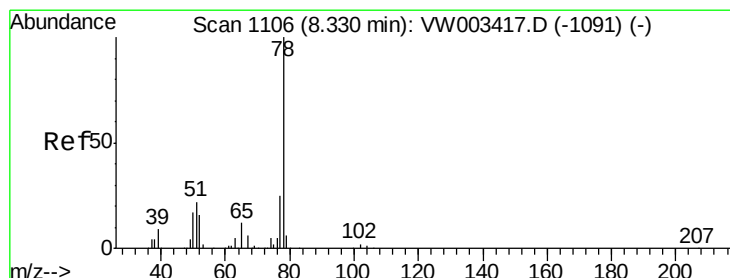
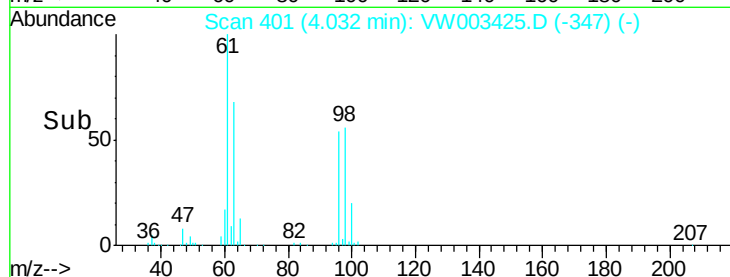
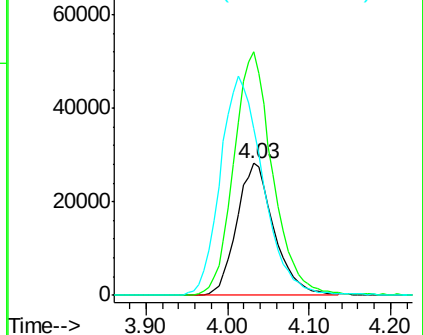
63 126.2 93.1 172.9



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#34

Benzene

Concen: 26.564 ug/L

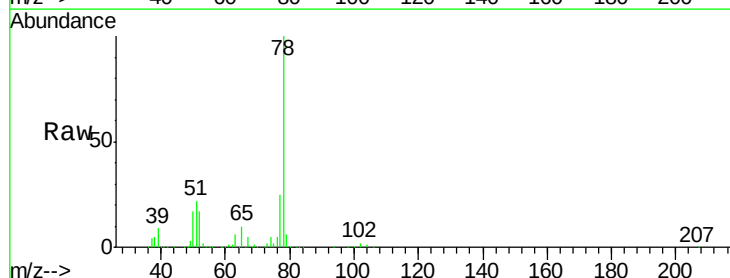
RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

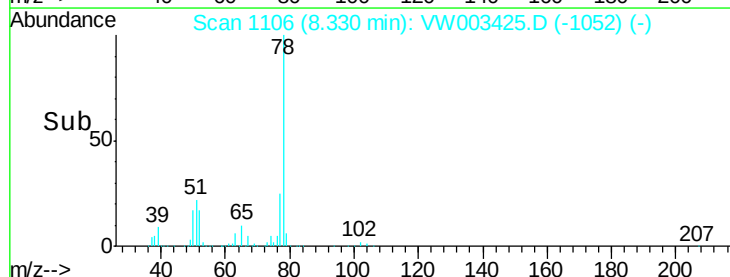
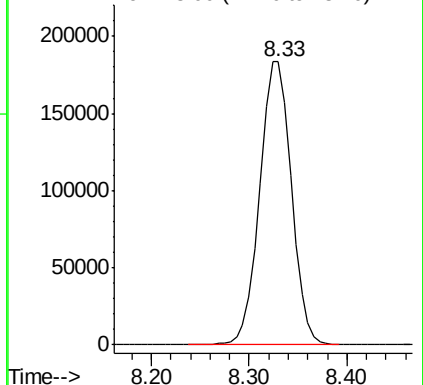
Lab File: VW003425.D

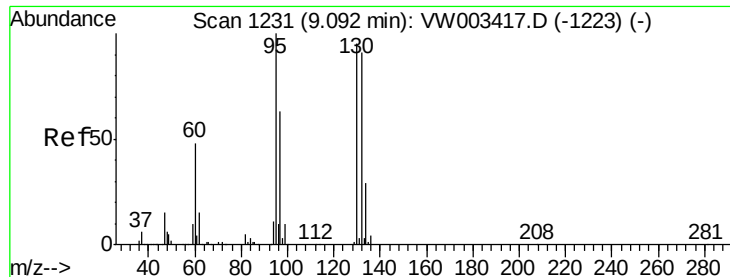
Acq: 22 Jun 2018 14:21

Tgt Ion: 78 Resp: 413823



Abundance Ion 78.00 (77.70 to 78.70): VW





#35

Trichloroethene

Concen: 25.509 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW003425.D

Acq: 22 Jun 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

DAZ96MS

Tgt Ion: 95 Resp: 107107

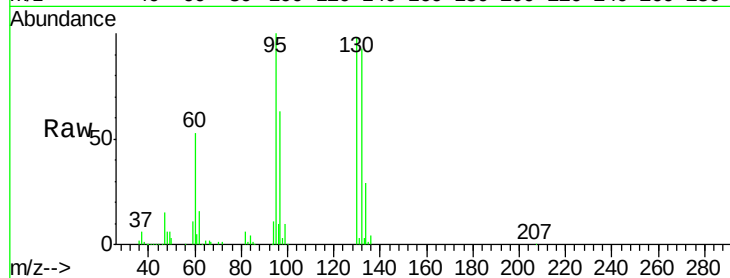
Ion Ratio Lower Upper

95 100

97 65.5 45.6 84.6

132 95.8 67.8 125.8

130 99.8 70.6 131.0

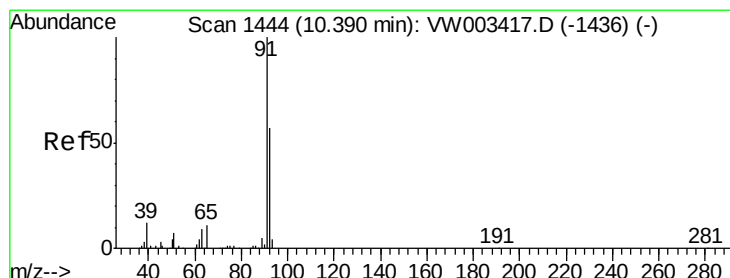
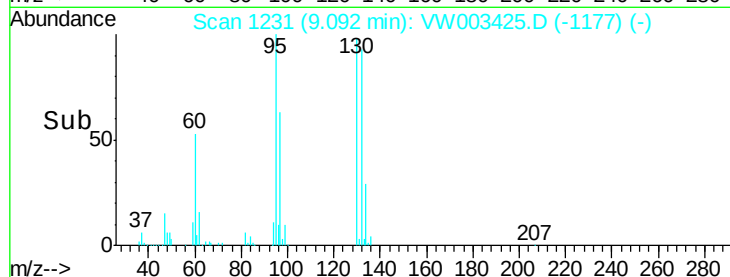
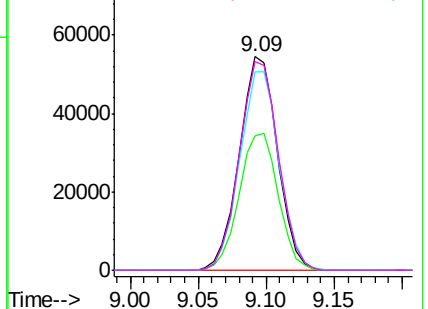


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 27.019 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003425.D

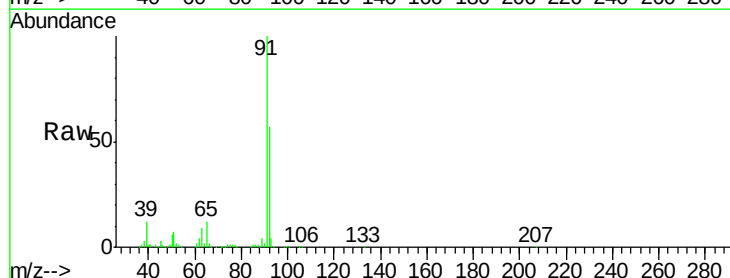
Acq: 22 Jun 2018 14:21

Tgt Ion: 91 Resp: 456496

Ion Ratio Lower Upper

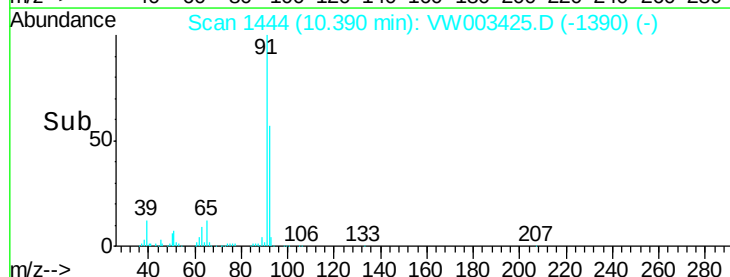
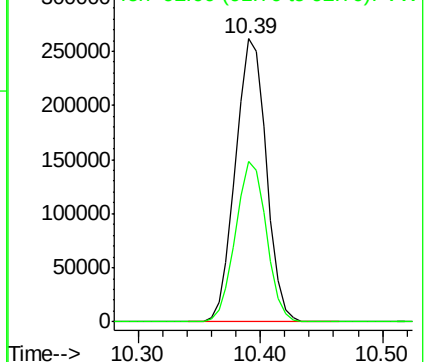
91 100

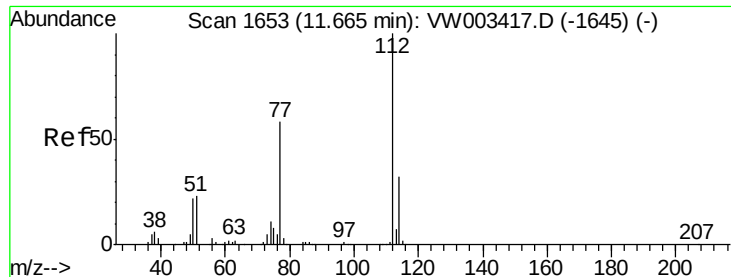
92 56.8 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 26.214 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW003425.D

Acq: 22 Jun 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

DAZ96MS

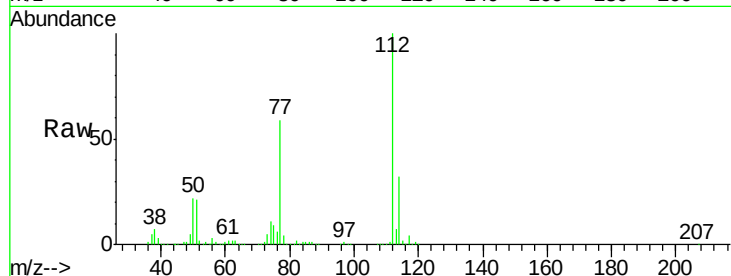
Tgt Ion: 112 Resp: 287604

Ion Ratio Lower Upper

112 100

77 58.7 47.3 70.9

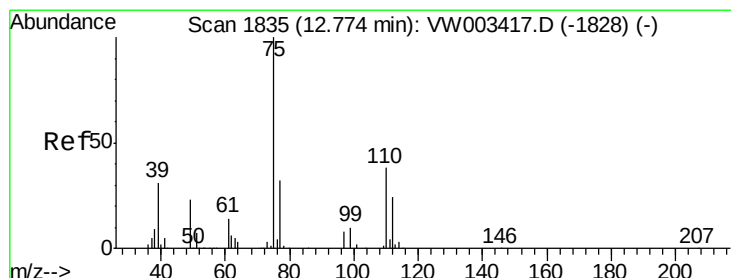
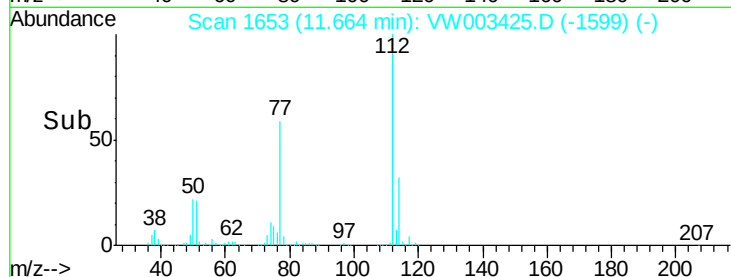
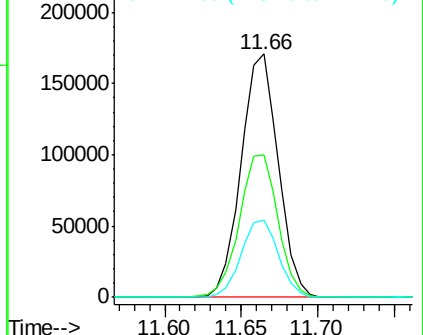
114 31.7 22.2 41.2



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



#59

1,2,3-Trichloropropane

Concen: 5.249 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW003425.D

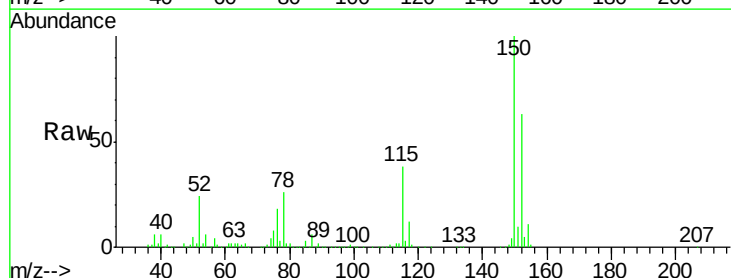
Acq: 22 Jun 2018 14:21

Tgt Ion: 75 Resp: 16231

Ion Ratio Lower Upper

75 100

77 37.9 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

