

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006277.D
 Acq On : 15 Jun 2018 12:53
 Operator : SY/MD
 Sample : J3507-18MSD
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWD0MSD

Quant Time: Jun 15 23:50:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 15 23:47:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	300046	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	271734	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	122376	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55104	3.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.20%
7) Chloroethane-d5	1.58	69	56282	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.13	63	117600	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.95	46	217171	62.41	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.82%
24) Chloroform-d	4.41	84	132631	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.09	65	70571	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.11	84	261013	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.12	67	84872	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.37	98	224658	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	7.67	79	29592	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
46) 2-Hexanone-d5	8.14	63	181866	47.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65643	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	96458	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

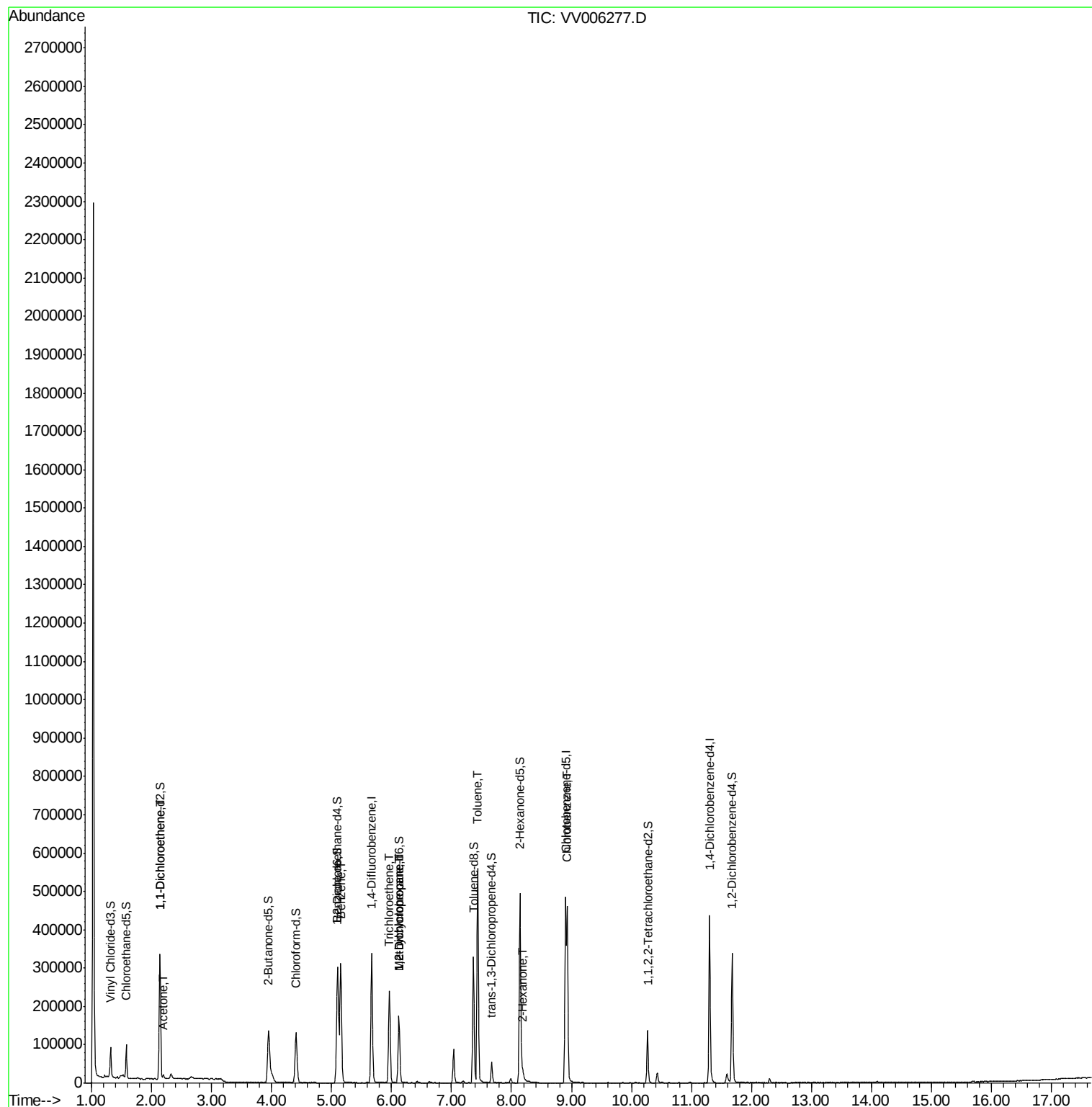
					Qvalue
12) 1,1-Dichloroethene	2.14	96	72092	4.187 ug/L	94
13) Acetone	2.20	43	9398	4.984 ug/L	92
33) Benzene	5.15	78	321133	4.286 ug/L	100
34) Trichloroethene	5.96	95	81110	3.966 ug/L	98
35) Methylcyclohexane	6.12	83	20940	0.596 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	9071	0.505 ug/L #	85
42) Toluene	7.44	91	408331	4.938 ug/L	99
48) 2-Hexanone	8.19	43	13890	2.129 ug/L #	83
51) Chlorobenzene	8.93	112	244090	4.597 ug/L	99

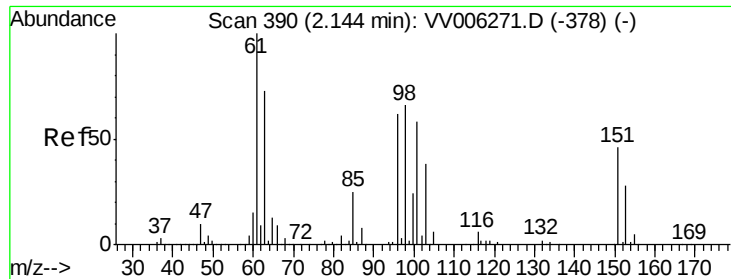
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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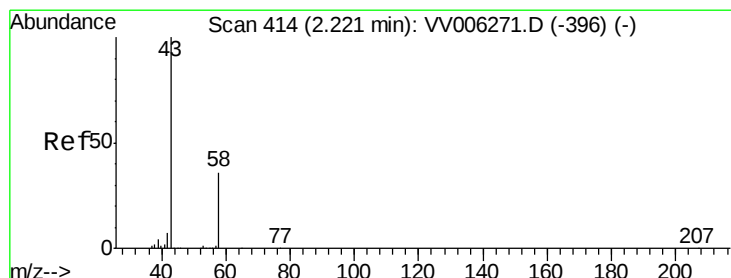
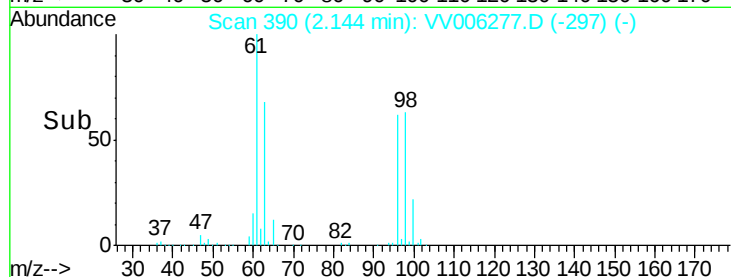
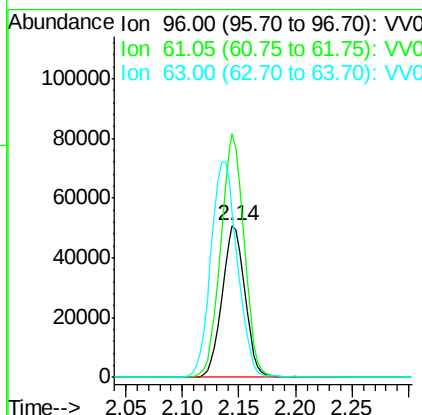
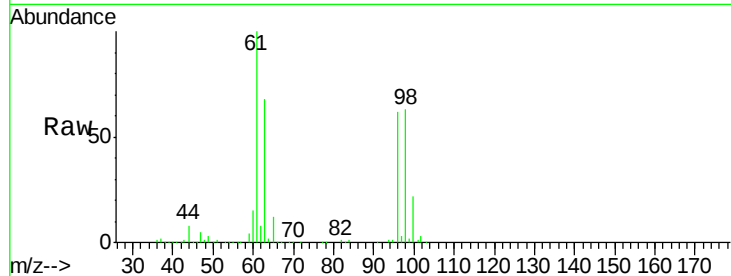




#12
 1,1-Dichloroethene
 Concen: 4.187 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV006277.D
 Acq: 15 Jun 2018 12:53

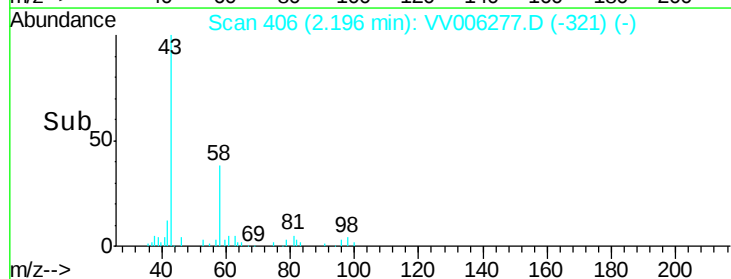
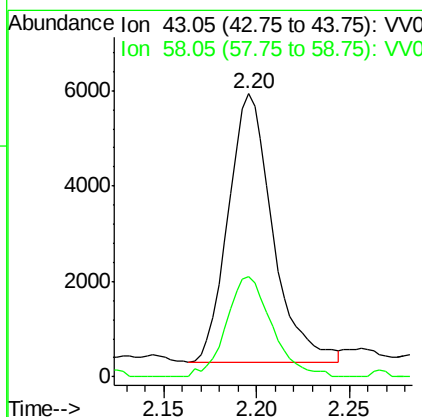
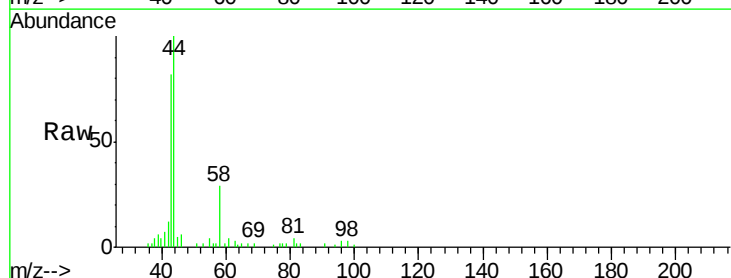
Instrument :
 MSVOA_V
 ClientSampled :
 ESWD0MSD

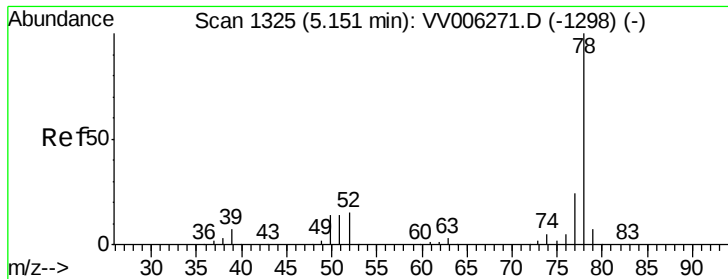
Tgt Ion: 96 Resp: 72092
 Ion Ratio Lower Upper
 96 100
 61 160.2 114.2 212.2
 63 108.5 85.0 157.8



#13
 Acetone
 Concen: 4.984 ug/L
 RT: 2.20 min Scan# 406
 Delta R.T. -0.03 min
 Lab File: VV006277.D
 Acq: 15 Jun 2018 12:53

Tgt Ion: 43 Resp: 9398
 Ion Ratio Lower Upper
 43 100
 58 38.3 0.0 67.4





#33

Benzene

Concen: 4.286 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006277.D

Acq: 15 Jun 2018 12:53

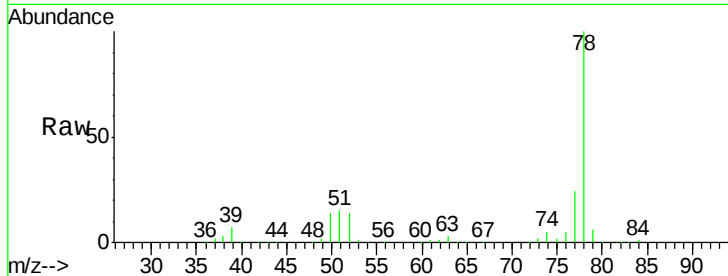
Instrument :

MSVOA_V

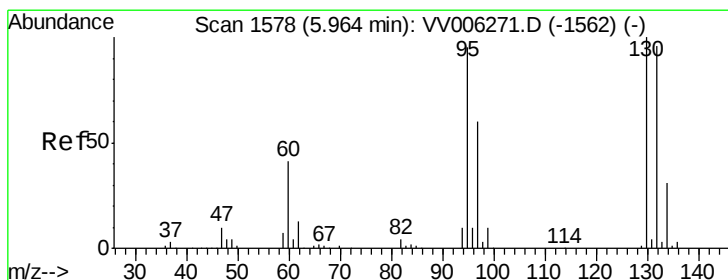
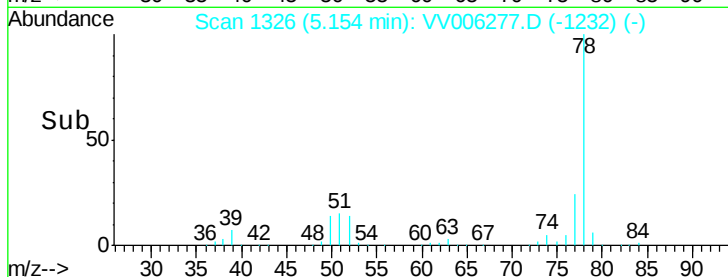
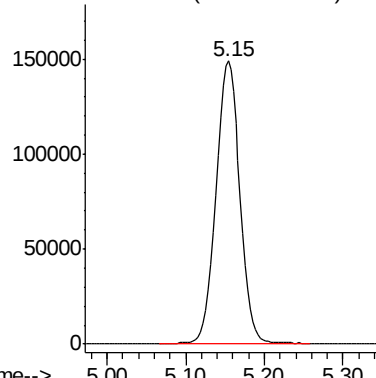
ClientSampleId :

ESWD0MSD

Tgt Ion: 78 Resp: 321133



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 3.966 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006277.D

Acq: 15 Jun 2018 12:53

Tgt Ion: 95 Resp: 81110

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.1	83.9
132	103.4	69.0	128.1
130	105.3	72.8	135.2

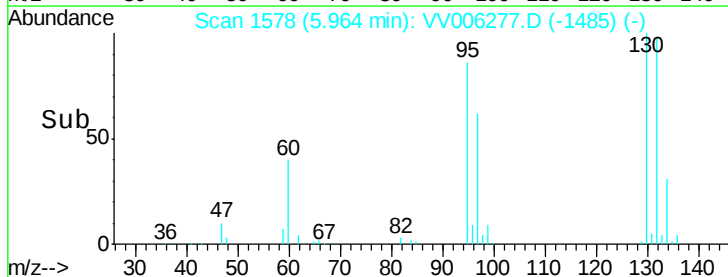
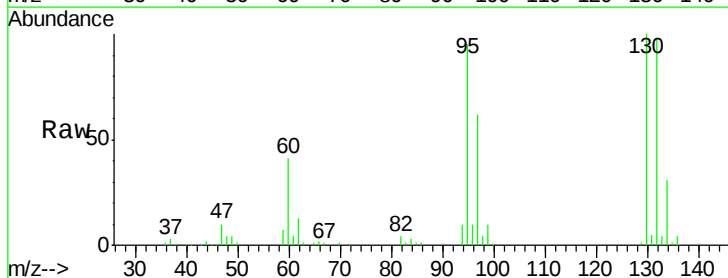
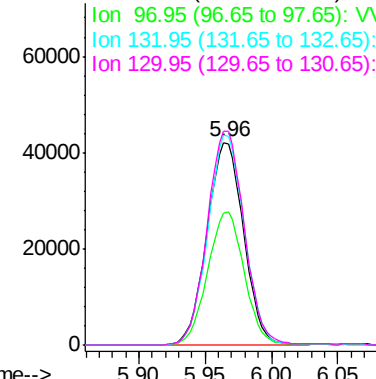
Ion 95.00 (94.70 to 95.70): VV0

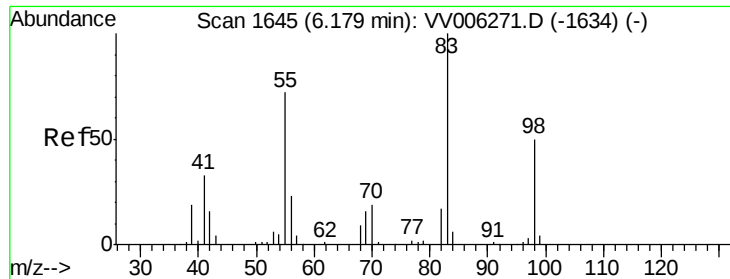
Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

Abundance Ion 95.00 (94.70 to 95.70): VV0

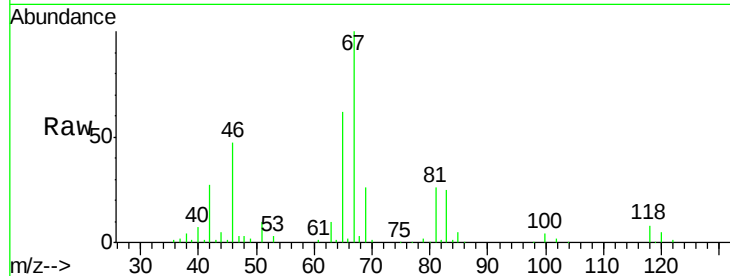




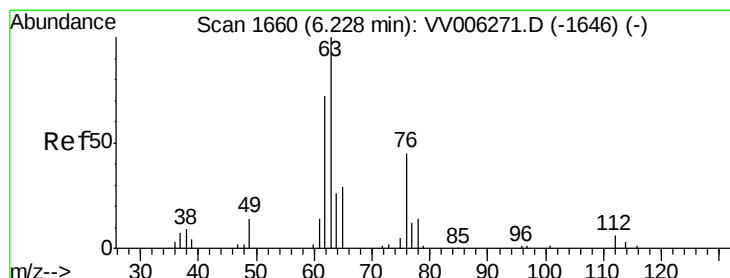
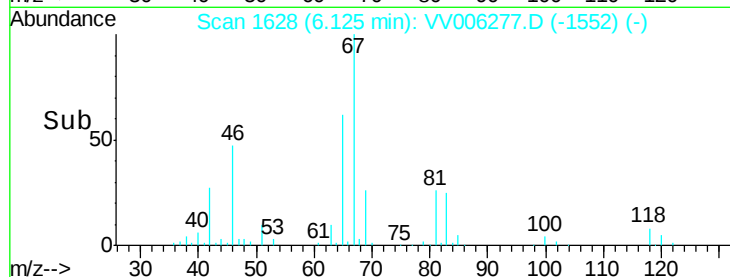
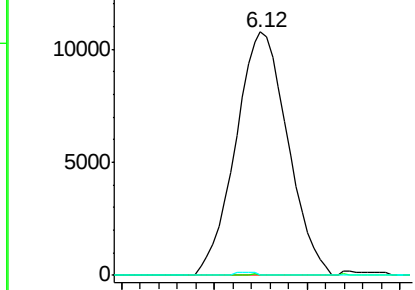
#35
Methylcyclohexane
Concen: 0.596 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006277.D
Acq: 15 Jun 2018 12:53

Instrument :
MSVOA_V
ClientSampleId :
ESWD0MSD

Tgt Ion: 83 Resp: 20940
Ion Ratio Lower Upper
83 100
55 0.1 57.5 86.3#
98 0.0 39.8 59.8#

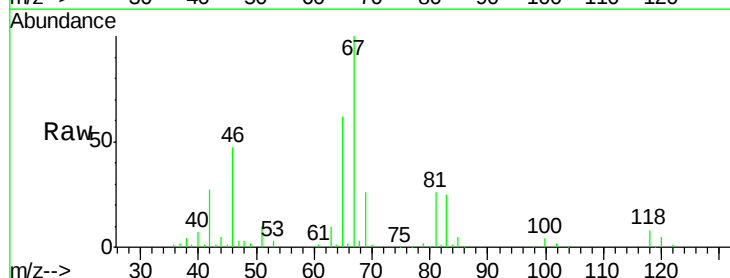


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

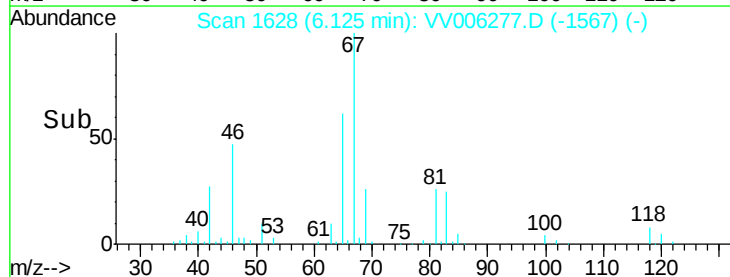
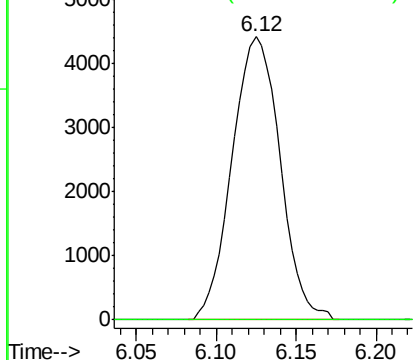


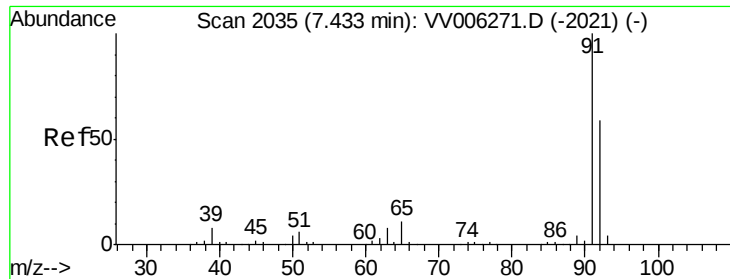
#37
1,2-Dichloropropane
Concen: 0.505 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006277.D
Acq: 15 Jun 2018 12:53

Tgt Ion: 63 Resp: 9071
Ion Ratio Lower Upper
63 100
112 0.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 4.938 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006277.D

Acq: 15 Jun 2018 12:53

Instrument :

MSVOA_V

ClientSampleId :

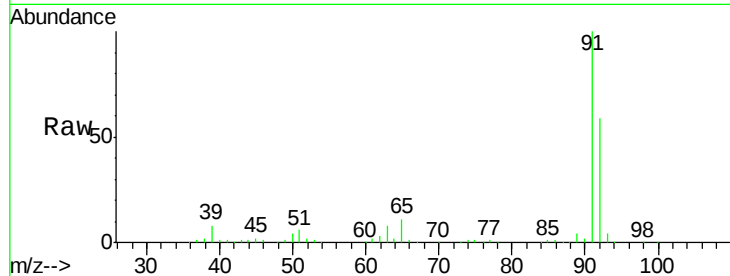
ESWD0MSD

Tgt Ion: 91 Resp: 408331

Ion Ratio Lower Upper

91 100

92 59.4 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.44

250000

200000

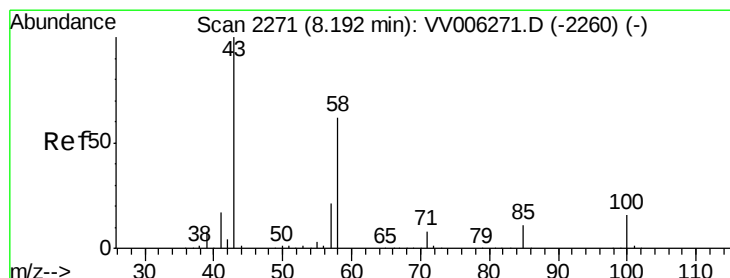
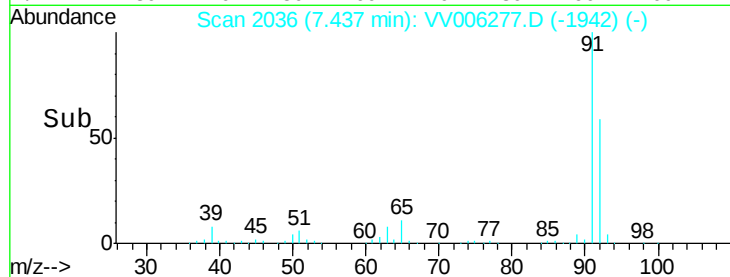
150000

100000

50000

0

Time-->



#48

2-Hexanone

Concen: 2.129 ug/L

RT: 8.19 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VV006277.D

Acq: 15 Jun 2018 12:53

Tgt Ion: 43 Resp: 13890

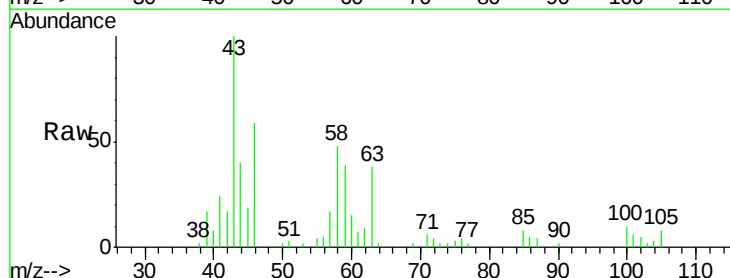
Ion Ratio Lower Upper

43 100

58 44.8 48.6 72.8#

57 20.9 17.5 26.3

100 7.3 12.6 18.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

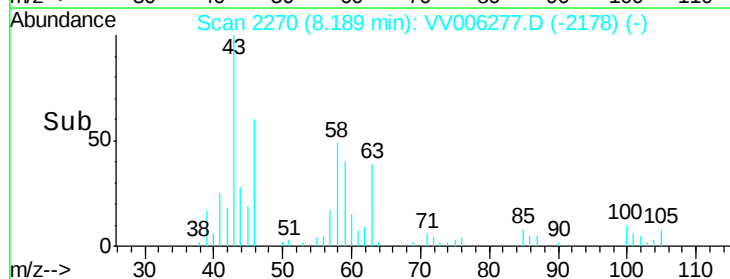
15000

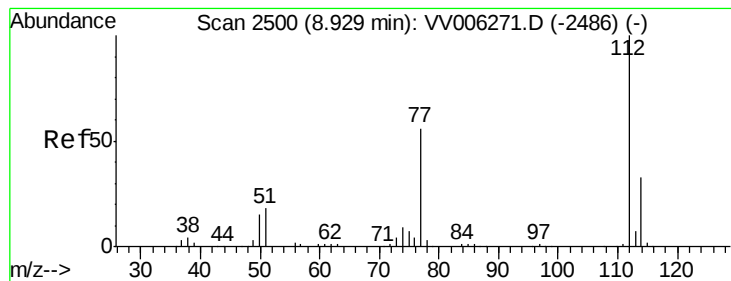
10000

5000

0

Time-->





#51

Chlorobenzene

Concen: 4.597 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006277.D

Acq: 15 Jun 2018 12:53

Instrument :

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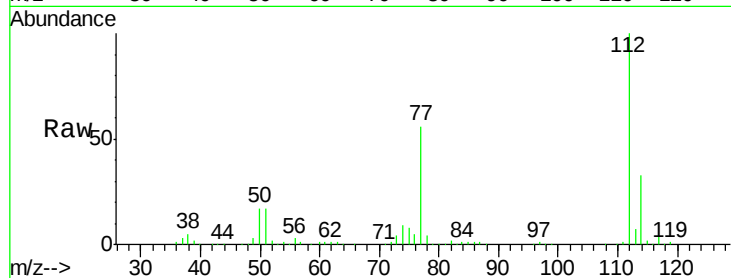
Tgt Ion:112 Resp: 244090

Ion Ratio Lower Upper

112 100

114 32.6 22.2 41.2

77 55.7 45.2 67.8



Abundance Ion 112.10 (111.80 to 112.80): V

200000 Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

