

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062918\
 Data File : VV006513.D
 Acq On : 29 Jun 2018 16:55
 Operator : SY/MD
 Sample : J3793-03MSD
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB0J8MSD

Quant Time: Jun 30 02:16:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 30 02:15:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	293686	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	272037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117790	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	97342	5.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.80%
7) Chloroethane-d5	1.59	69	81052	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.14	63	172025	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	3.97	46	220087	60.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.64%
24) Chloroform-d	4.41	84	159247	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.09	65	83248	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.11	84	352800	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.12	67	107228	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.37	98	309370	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.67	79	31695	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.14	63	166826	54.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64717	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	112743	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

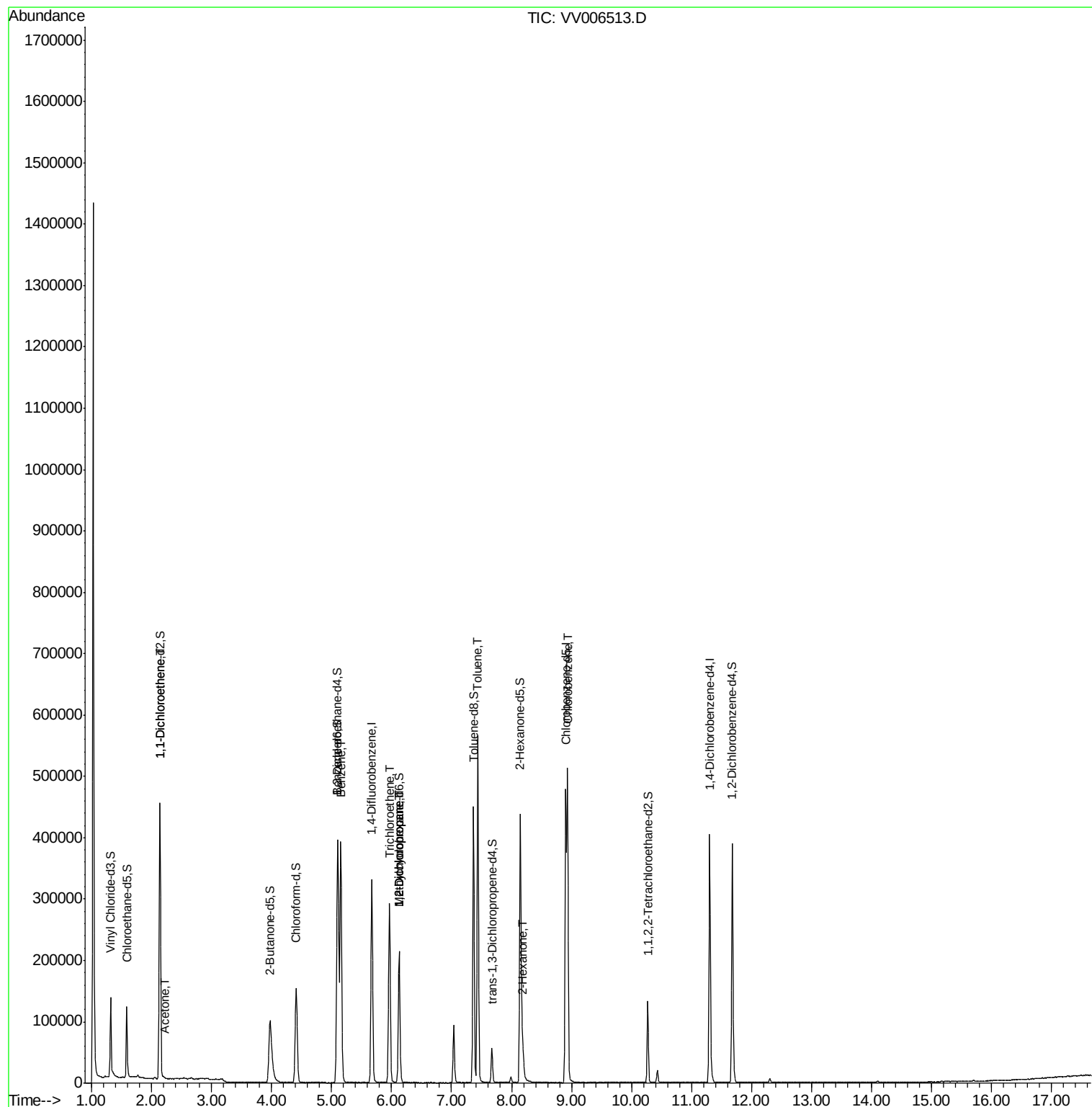
					Qvalue
12) 1,1-Dichloroethene	2.14	96	92347	5.200 ug/L	99
13) Acetone	2.22	43	698	0.315 ug/L	79
33) Benzene	5.15	78	407344	5.070 ug/L	100
34) Trichloroethene	5.97	95	99822	4.343 ug/L	98
35) Methylcyclohexane	6.12	83	25984	0.778 ug/L #	20
37) 1,2-Dichloropropane	6.13	63	11033	0.562 ug/L #	85
42) Toluene	7.44	91	421488	4.954 ug/L	100
48) 2-Hexanone	8.19	43	23061	3.355 ug/L #	82
51) Chlorobenzene	8.93	112	279153	4.959 ug/L	99

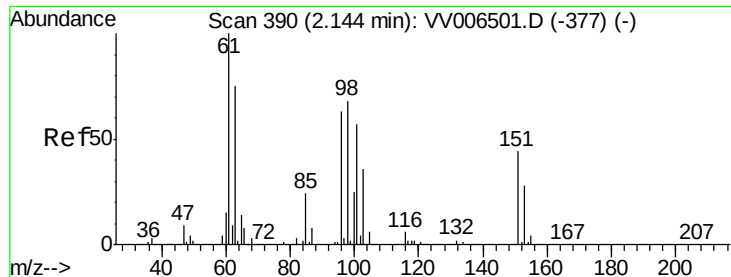
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 30 02:15:06 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.200 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV006513.D

Acq: 29 Jun 2018 16:55

Instrument :

MSVOA_V

ClientSampled :

DB0J8MSD

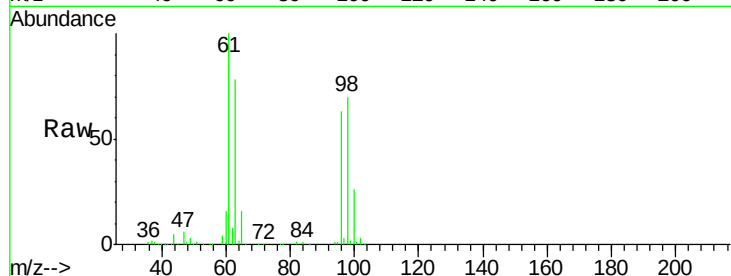
Tgt Ion: 96 Resp: 92347

Ion Ratio Lower Upper

96 100

61 158.4 111.4 207.0

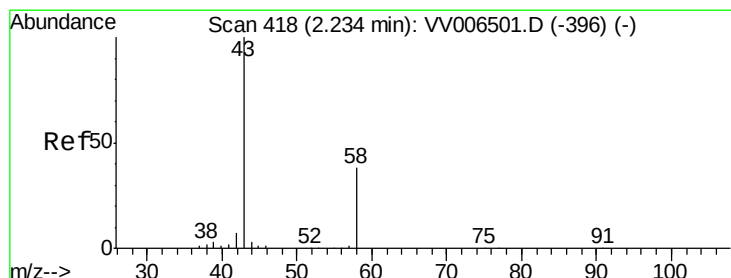
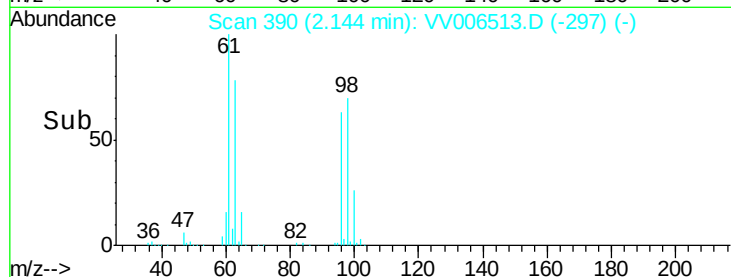
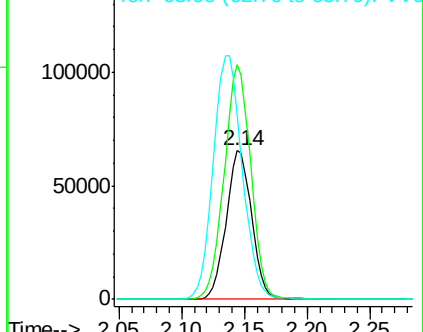
63 124.0 87.4 162.2



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 0.315 ug/L

RT: 2.22 min Scan# 415

Delta R.T. -0.01 min

Lab File: VV006513.D

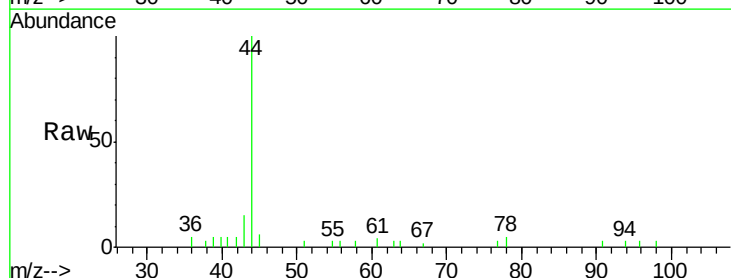
Acq: 29 Jun 2018 16:55

Tgt Ion: 43 Resp: 698

Ion Ratio Lower Upper

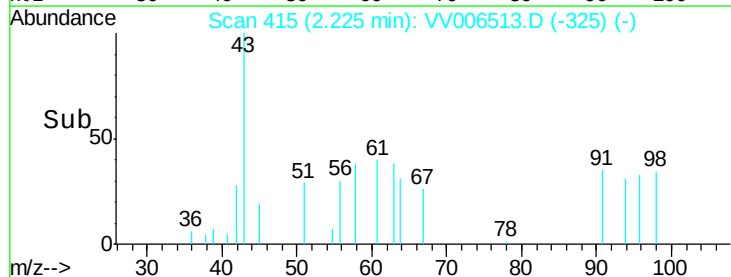
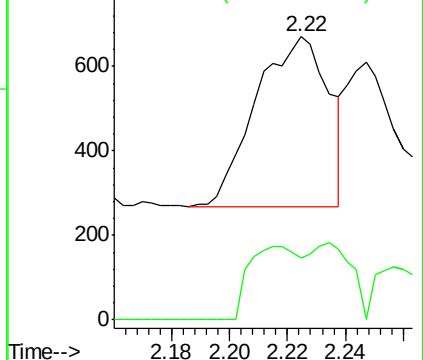
43 100

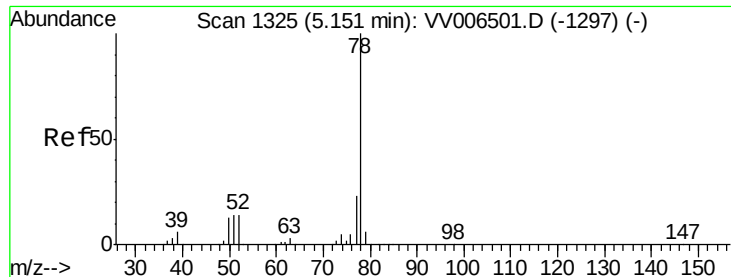
58 25.9 0.0 77.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#33

Benzene

Concen: 5.070 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006513.D

Acq: 29 Jun 2018 16:55

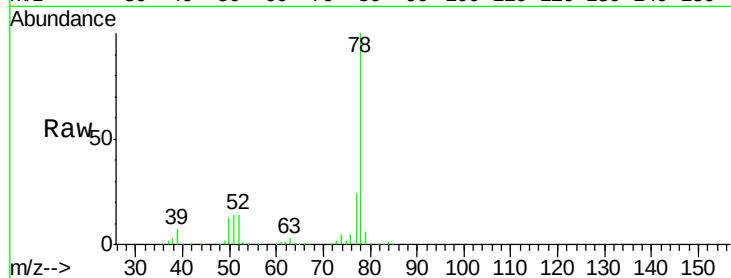
Instrument :

MSVOA_V

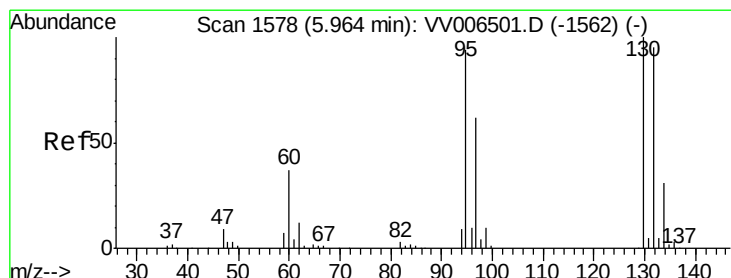
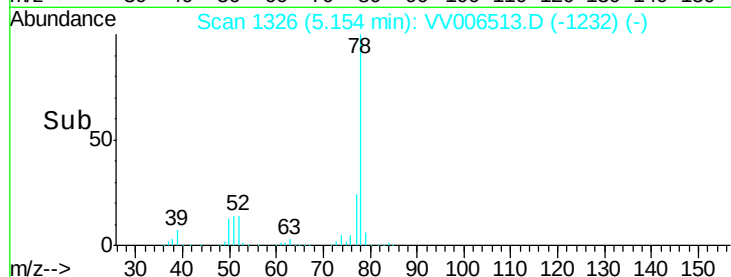
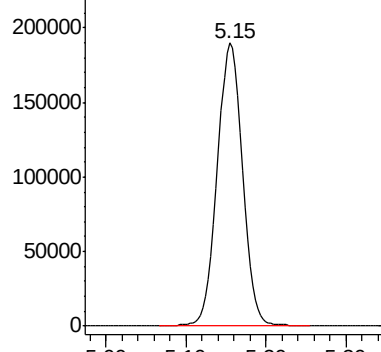
ClientSampleId :

DB0J8MSD

Tgt Ion: 78 Resp: 407344



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.343 ug/L

RT: 5.97 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VV006513.D

Acq: 29 Jun 2018 16:55

Tgt Ion: 95 Resp: 99822

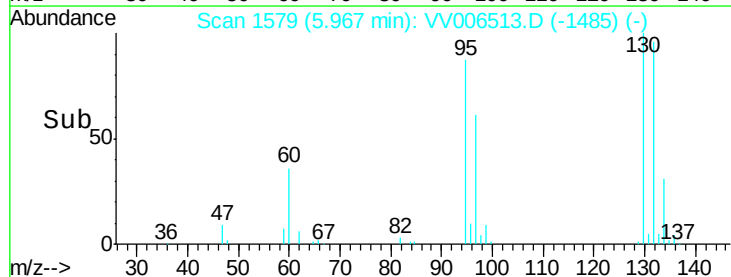
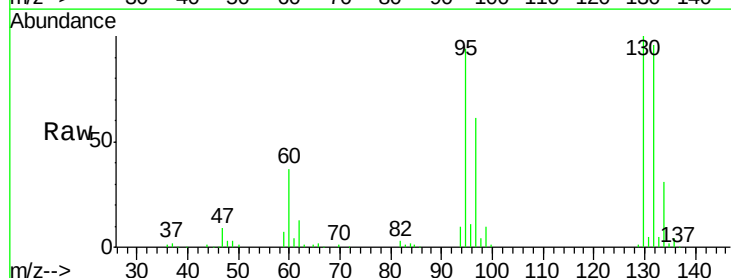
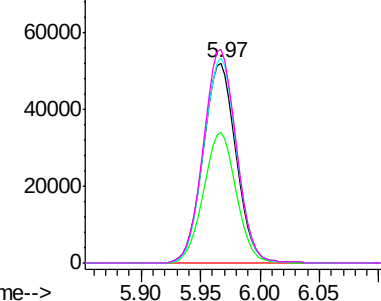
Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.6	82.8
132	102.5	70.1	130.1
130	106.7	73.3	136.1

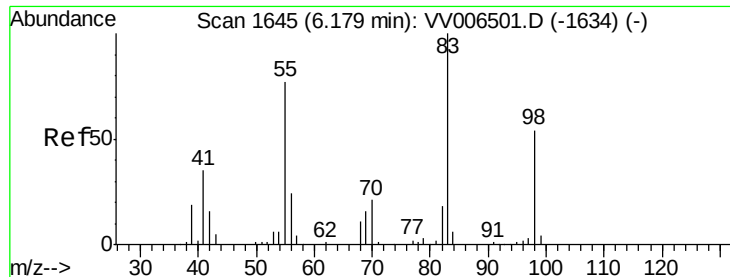
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

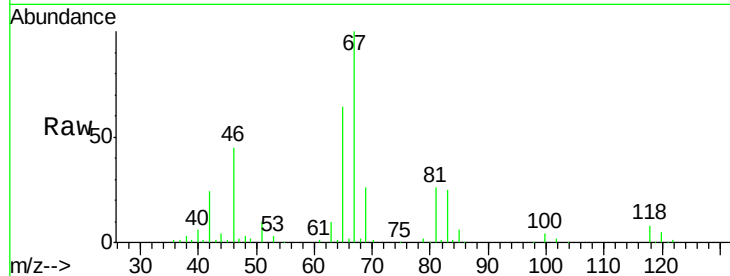




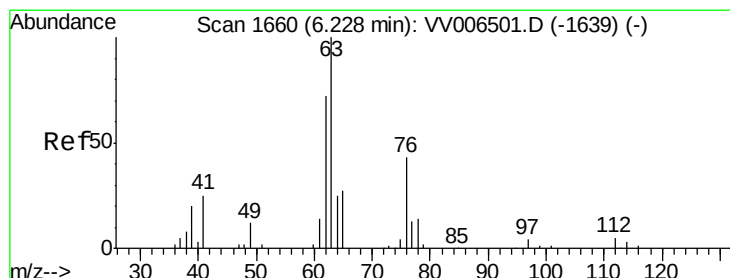
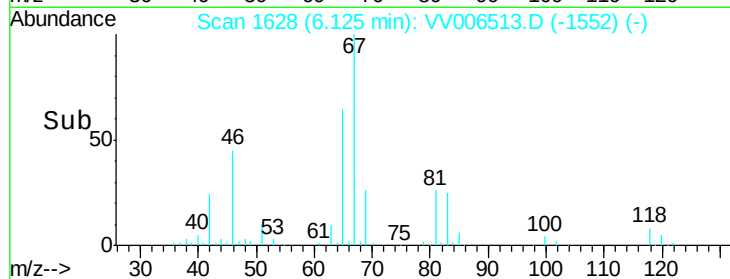
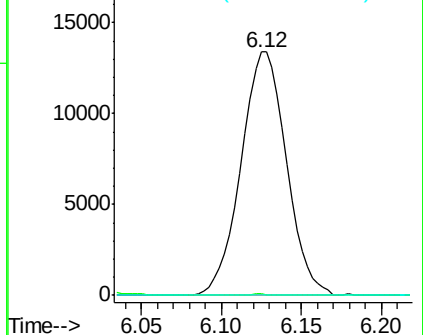
#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006513.D
Acq: 29 Jun 2018 16:55

Instrument :
MSVOA_V
ClientSampleId :
DB0J8MSD

Tgt Ion: 83 Resp: 25984
Ion Ratio Lower Upper
83 100
55 0.2 57.5 86.3#
98 0.0 39.6 59.4#

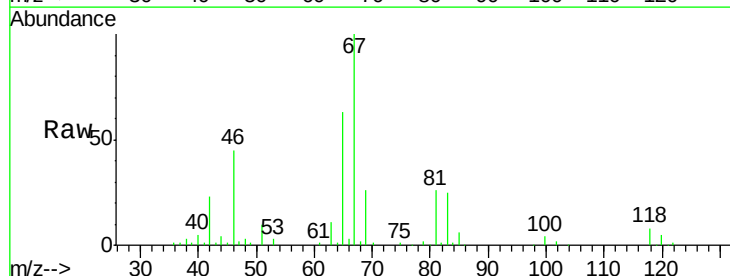


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

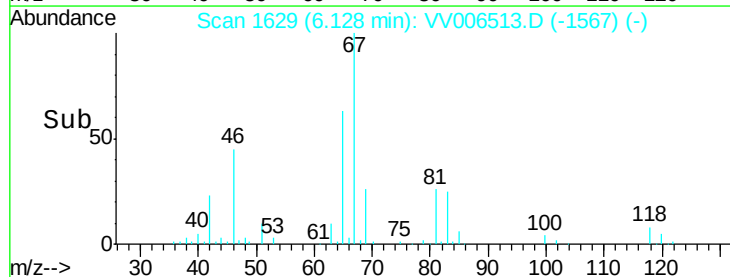
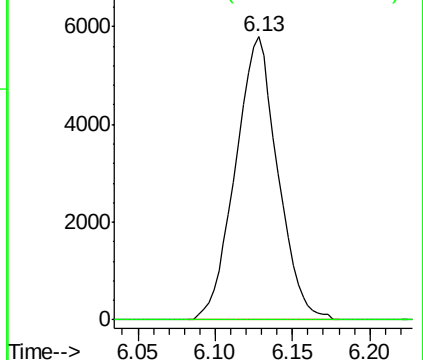


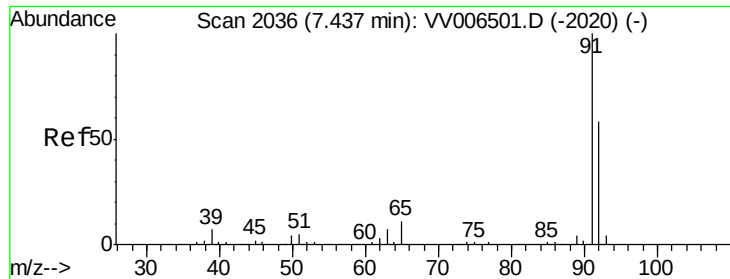
#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VV006513.D
Acq: 29 Jun 2018 16:55

Tgt Ion: 63 Resp: 11033
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#



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





#42

Toluene

Concen: 4.954 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV006513.D

Acq: 29 Jun 2018 16:55

Instrument :

MSVOA_V

ClientSampleId :

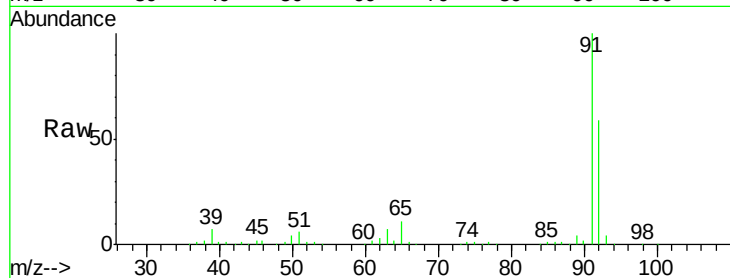
DB0J8MSD

Tgt Ion: 91 Resp: 421488

Ion Ratio Lower Upper

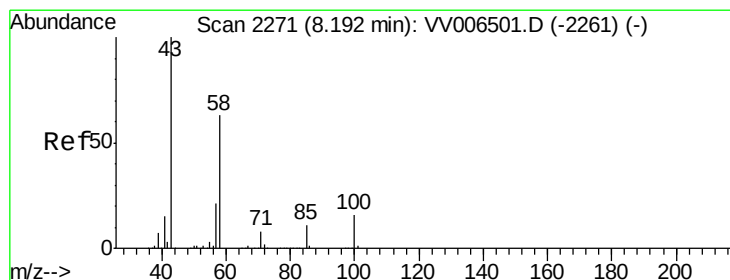
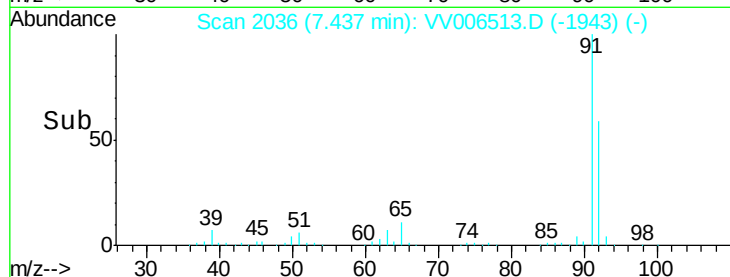
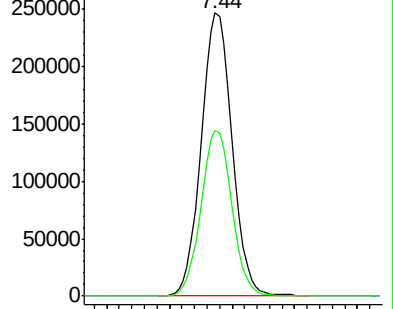
91 100

92 58.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#48

2-Hexanone

Concen: 3.355 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006513.D

Acq: 29 Jun 2018 16:55

Tgt Ion: 43 Resp: 23061

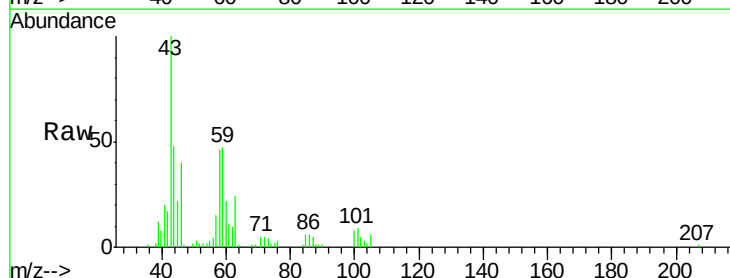
Ion Ratio Lower Upper

43 100

58 48.0 49.9 74.9#

57 14.3 17.3 25.9#

100 8.8 12.5 18.7#

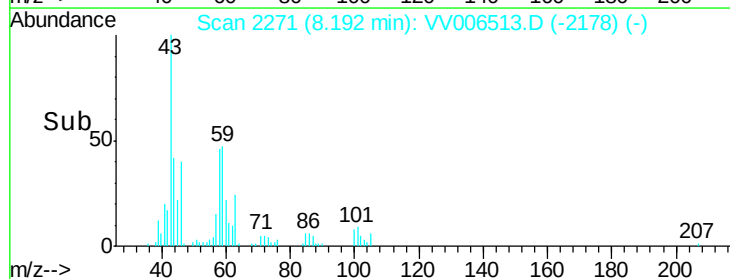
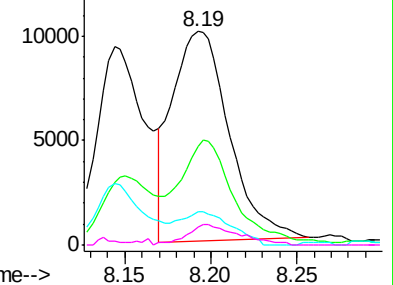


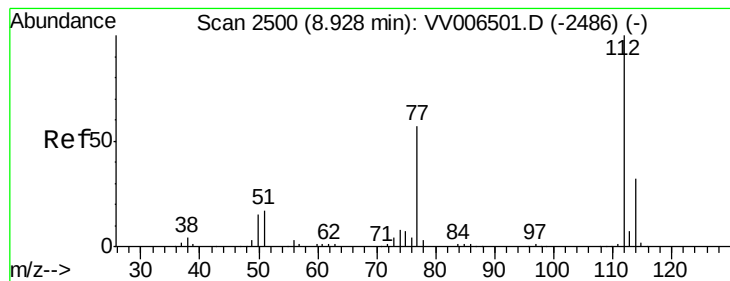
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#51

Chlorobenzene

Concen: 4.959 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006513.D

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Instrument :

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ClientSampleId :

DB0J8MSD

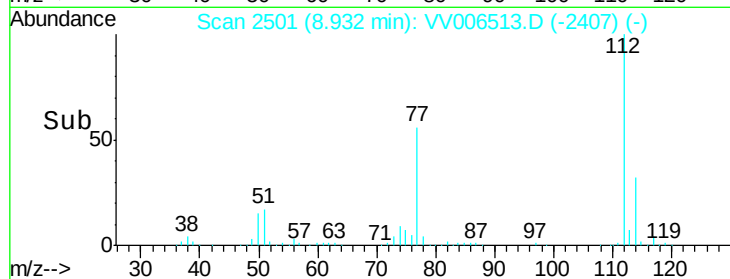
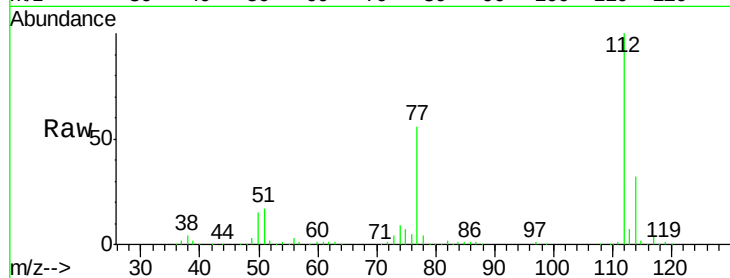
Tgt Ion:112 Resp: 279153

Ion Ratio Lower Upper

112 100

114 32.4 22.8 42.4

77 56.3 44.6 66.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

