

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062918\
 Data File : VV006512.D
 Acq On : 29 Jun 2018 16:28
 Operator : SY/MD
 Sample : J3793-02MS
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB0J8MS

Quant Time: Jun 30 02:16:24 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	284407	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	261275	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	114444	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101166	5.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.20%
7) Chloroethane-d5	1.59	69	83028	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.13	63	175565	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.00%
20) 2-Butanone-d5	3.97	46	230006	65.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.28%#
24) Chloroform-d	4.41	84	164938	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	5.09	65	84273	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.11	84	362634	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.12	67	111115	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.37	98	318534	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.67	79	33058	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	169918	57.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65547	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	117152	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

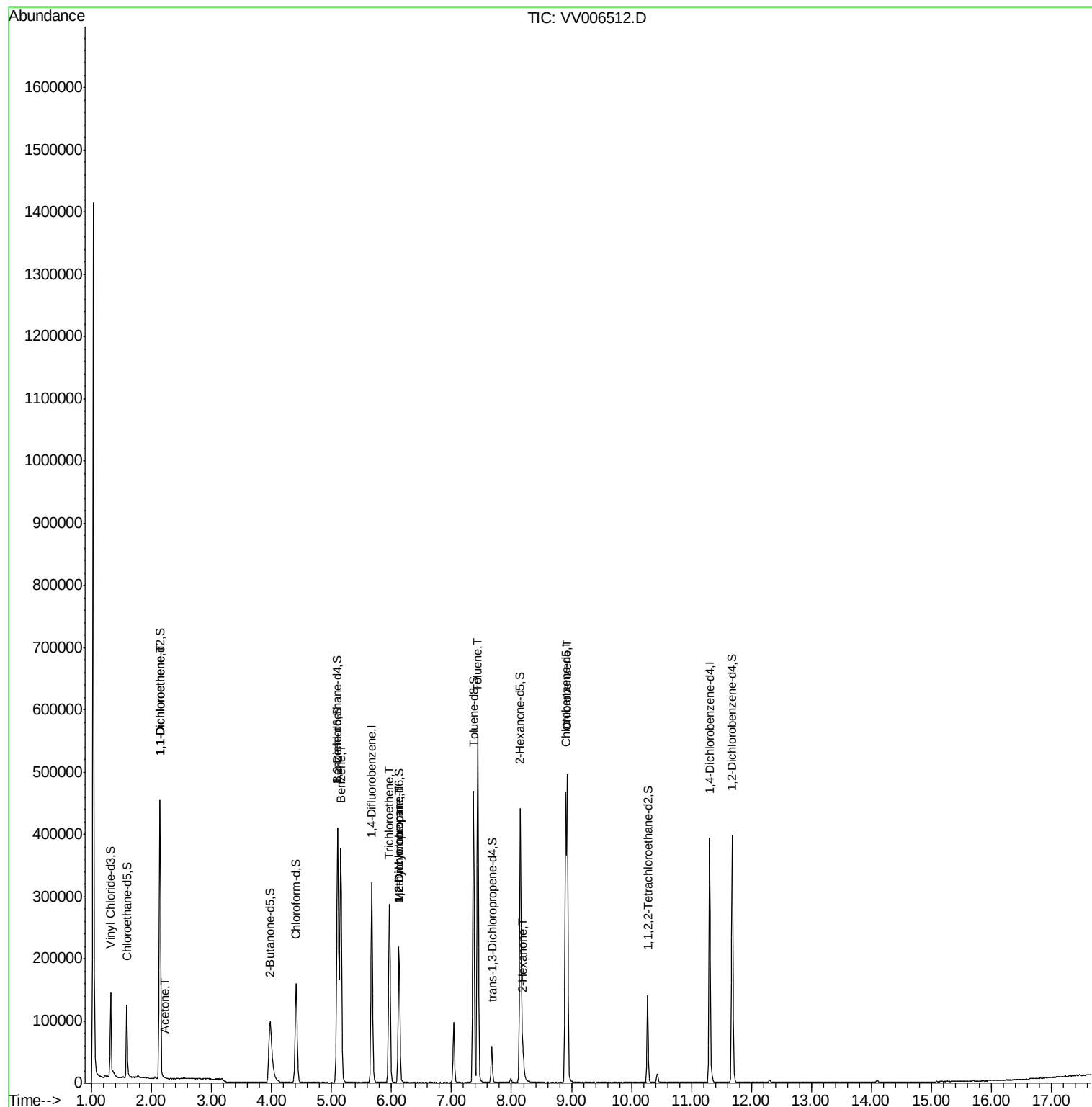
					Qvalue
12) 1,1-Dichloroethene	2.14	96	90075	5.237 ug/L	98
13) Acetone	2.23	43	1754	0.817 ug/L	89
33) Benzene	5.15	78	391995	5.080 ug/L	100
34) Trichloroethene	5.96	95	96225	4.359 ug/L	99
35) Methylcyclohexane	6.13	83	26608	0.829 ug/L #	20
37) 1,2-Dichloropropane	6.13	63	11120	0.590 ug/L #	85
42) Toluene	7.44	91	409228	5.008 ug/L	99
48) 2-Hexanone	8.19	43	24854	3.765 ug/L #	79
51) Chlorobenzene	8.93	112	268172	4.960 ug/L	100

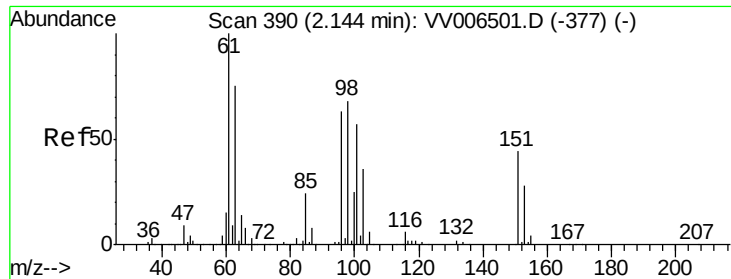
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 30 02:15:06 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.237 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV006512.D

Acq: 29 Jun 2018 16:28

Instrument :

MSVOA_V

ClientSampled :

DB0J8MS

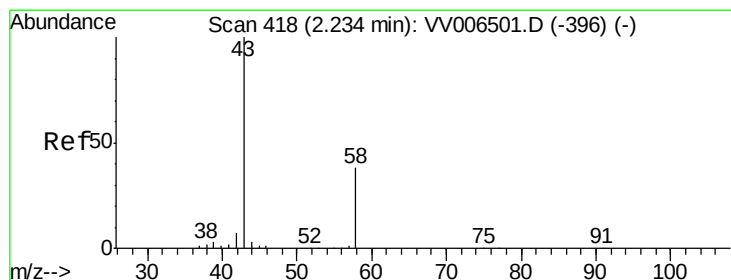
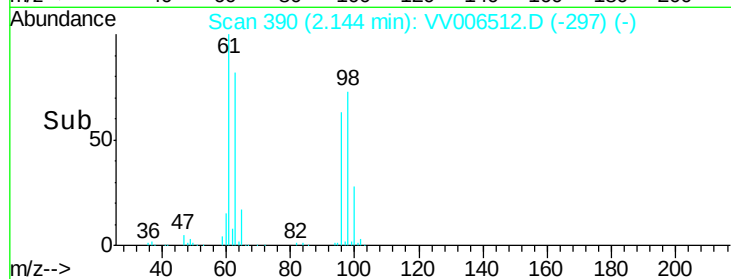
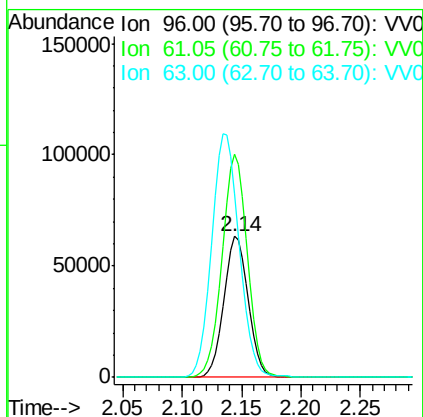
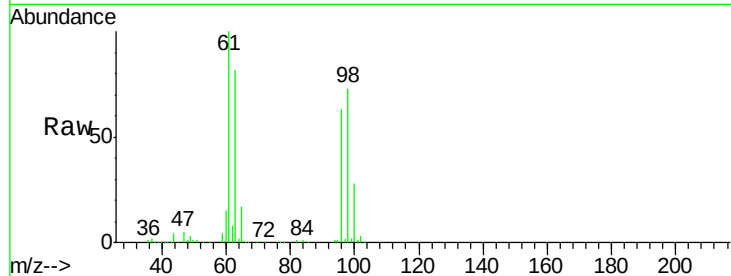
Tgt Ion: 96 Resp: 90075

Ion Ratio Lower Upper

96 100

61 158.8 111.4 207.0

63 130.5 87.4 162.2



#13

Acetone

Concen: 0.817 ug/L

RT: 2.23 min Scan# 416

Delta R.T. -0.01 min

Lab File: VV006512.D

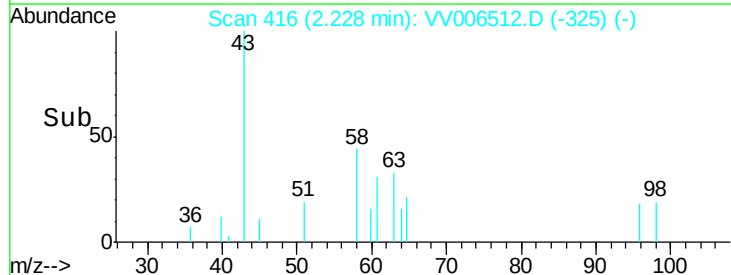
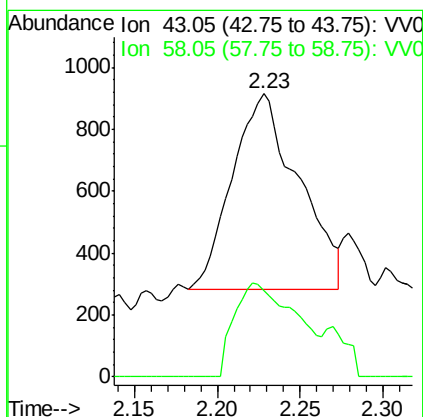
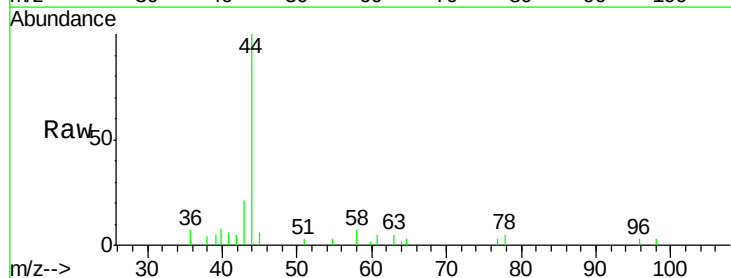
Acq: 29 Jun 2018 16:28

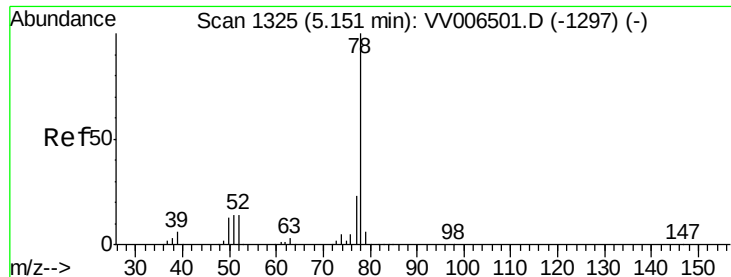
Tgt Ion: 43 Resp: 1754

Ion Ratio Lower Upper

43 100

58 45.5 0.0 77.4





#33

Benzene

Concen: 5.080 ug/L

RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006512.D

Acq: 29 Jun 2018 16:28

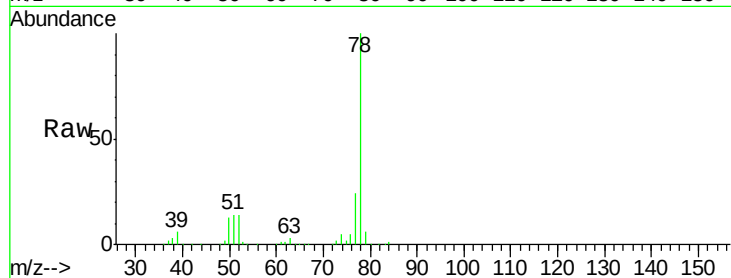
Instrument :

MSVOA_V

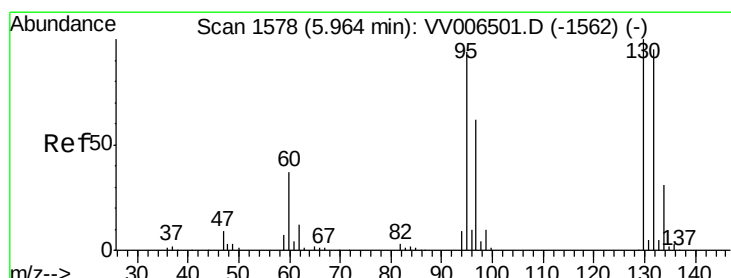
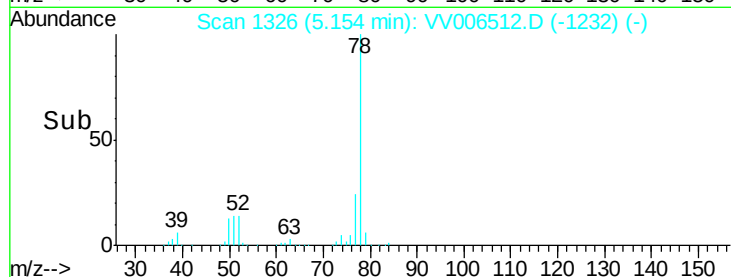
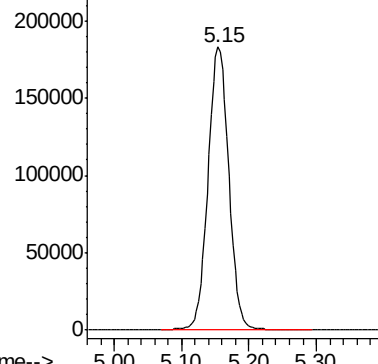
ClientSampleId :

DB0J8MS

Tgt Ion: 78 Resp: 391995



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.359 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV006512.D

Acq: 29 Jun 2018 16:28

Tgt Ion: 95 Resp: 96225

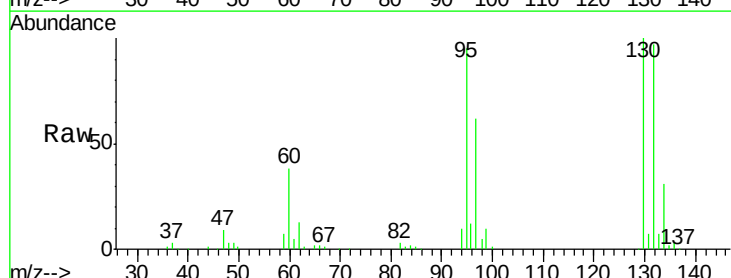
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.6	82.8
132	101.3	70.1	130.1
130	104.9	73.3	136.1

95 100

97 64.8 44.6 82.8

132 101.3 70.1 130.1

130 104.9 73.3 136.1

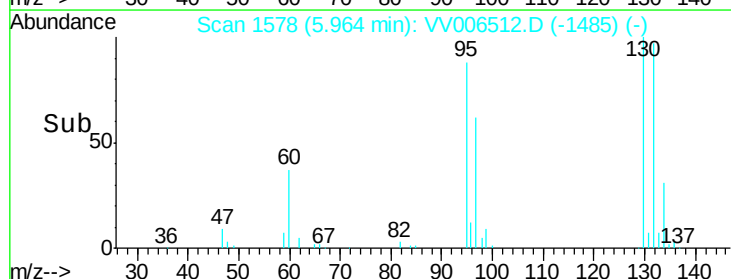
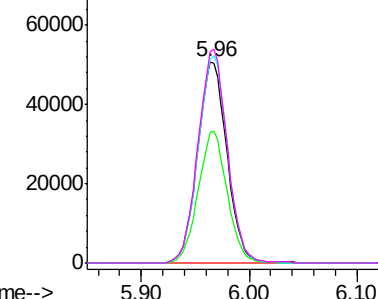


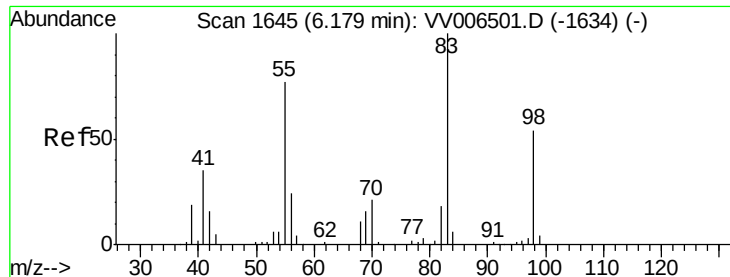
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

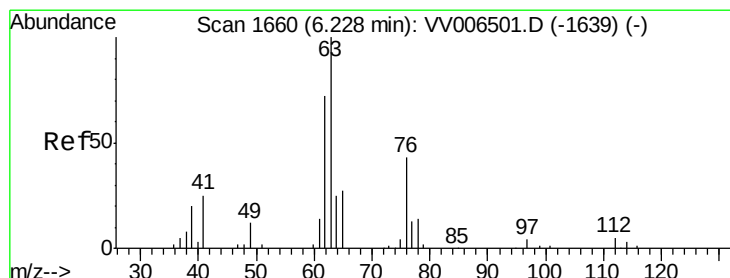
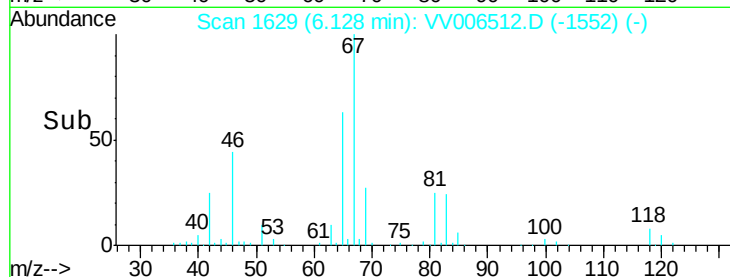
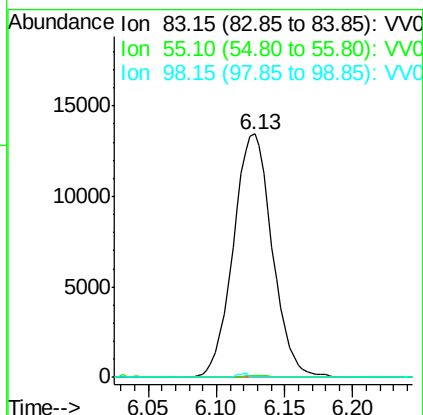
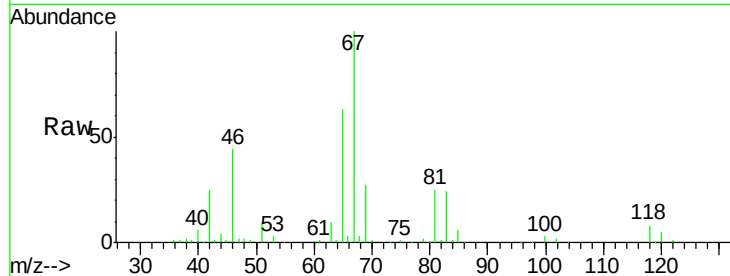




#35
Methylcyclohexane
Concen: 0.829 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.05 min
Lab File: VV006512.D
Acq: 29 Jun 2018 16:28

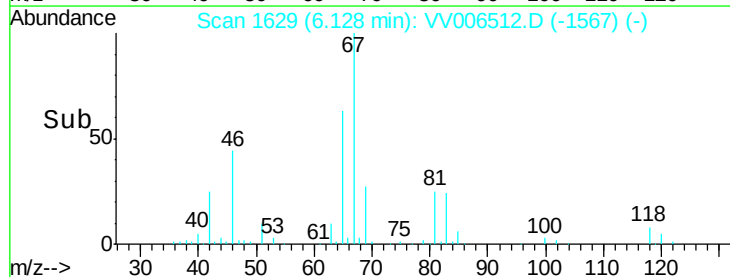
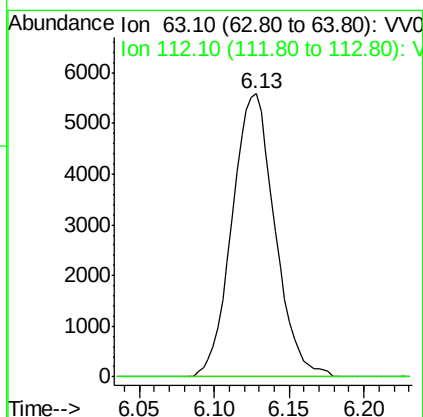
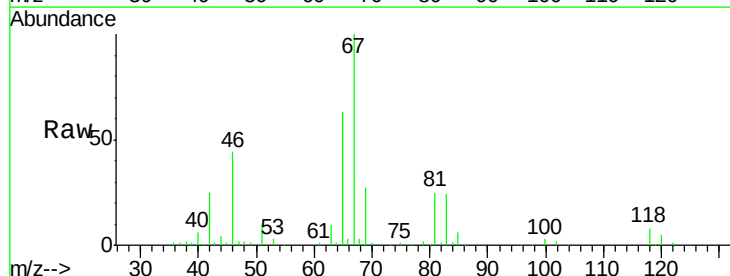
Instrument :
MSVOA_V
ClientSampleId :
DB0J8MS

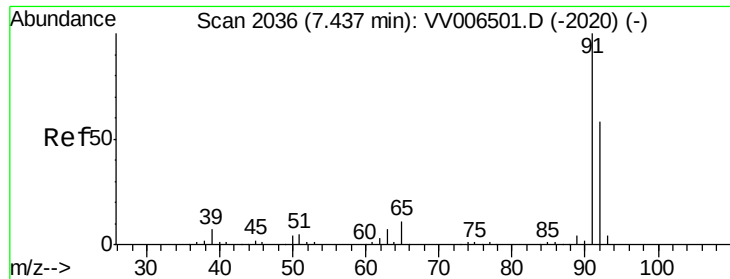
Tgt Ion: 83 Resp: 26608
Ion Ratio Lower Upper
83 100
55 0.5 57.5 86.3#
98 0.0 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VV006512.D
Acq: 29 Jun 2018 16:28

Tgt Ion: 63 Resp: 11120
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#42

Toluene

Concen: 5.008 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV006512.D

Acq: 29 Jun 2018 16:28

Instrument :

MSVOA_V

ClientSampled :

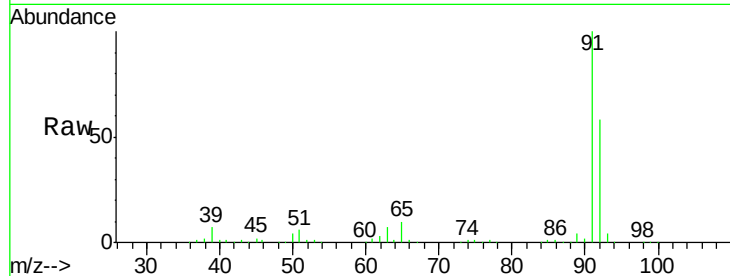
DB0J8MS

Tgt Ion: 91 Resp: 409228

Ion Ratio Lower Upper

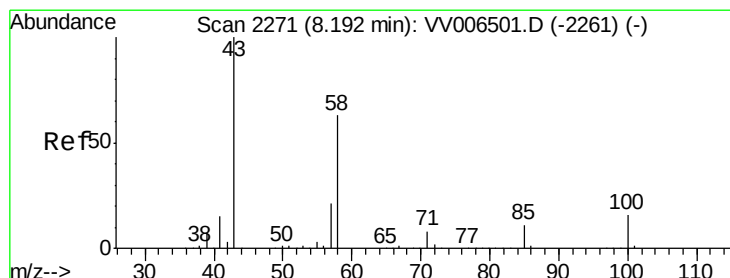
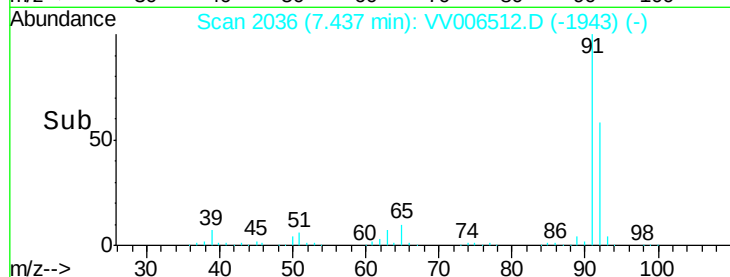
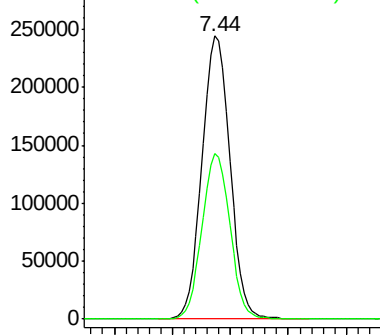
91 100

92 58.4 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: 3.765 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006512.D

Acq: 29 Jun 2018 16:28

Tgt Ion: 43 Resp: 24854

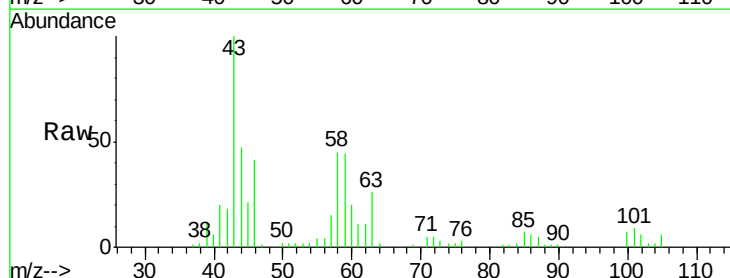
Ion Ratio Lower Upper

43 100

58 43.8 49.9 74.9#

57 15.9 17.3 25.9#

100 7.6 12.5 18.7#

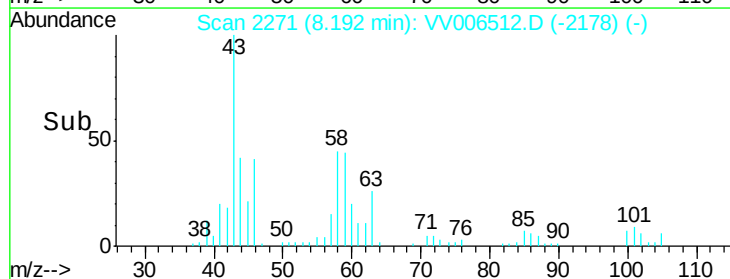
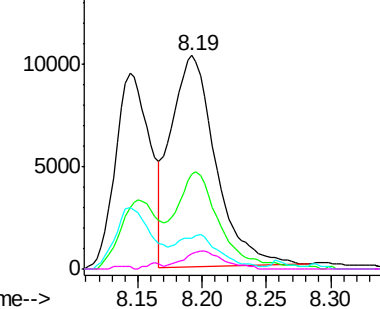


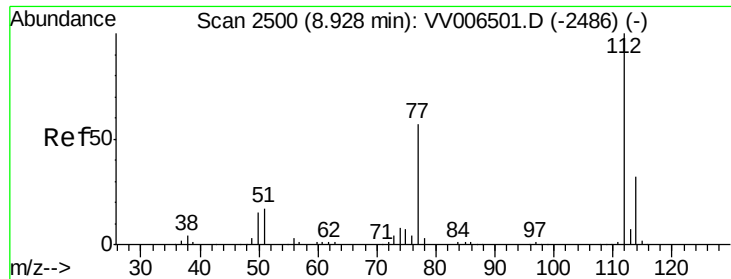
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 4.960 ug/L
 RT: 8.93 min Scan# 2501
 Delta R.T. 0.00 min
 Lab File: VV006512.D
 Acq: 29 Jun 2018 16:28

Instrument :
 MSVOA_V
 ClientSampleId :
 DB0J8MS

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.8	42.4
77	55.5	44.6	66.8

