

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006293.D
 Acq On : 15 Jun 2018 21:20
 Operator : SY/MD
 Sample : J3550-10MS
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWG1MS

Quant Time: Jun 16 00:59:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 16 00:57:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	293222	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	263241	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117373	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81238	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.58	69	70681	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.20%
11) 1,1-Dichloroethene-d2	2.13	63	148220	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	3.97	46	200838	59.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.12%
24) Chloroform-d	4.41	84	151432	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.09	65	79295	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.11	84	320564	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	98101	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.37	98	291923	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	32830	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.14	63	164901	44.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66154	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	110219	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

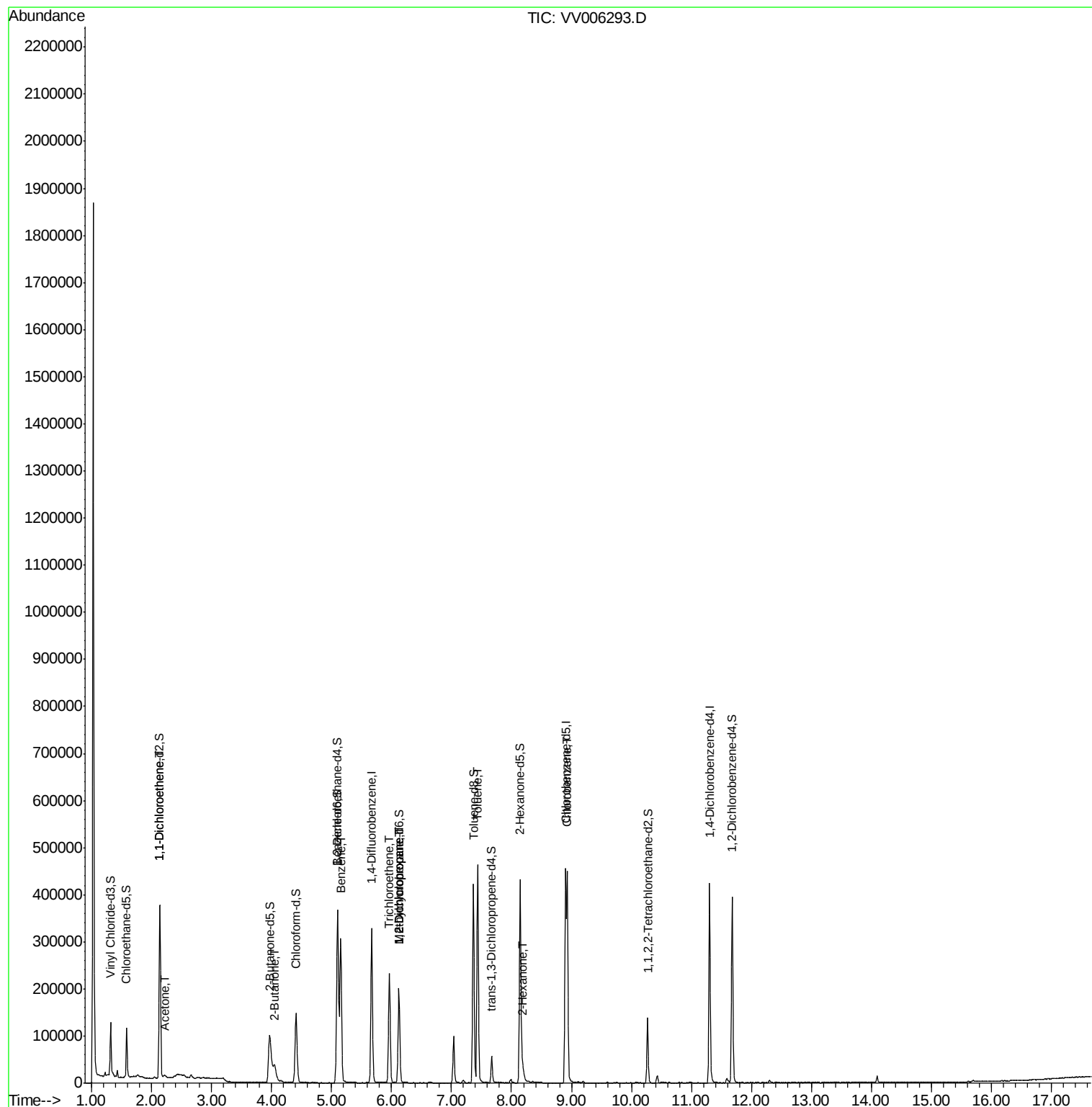
					Qvalue
12) 1,1-Dichloroethene	2.14	96	70833	4.209 ug/L	95
13) Acetone	2.22	43	10111	5.487 ug/L	95
21) 2-Butanone	4.05	43	42547	12.692 ug/L	91
33) Benzene	5.15	78	313826	4.324 ug/L	100
34) Trichloroethene	5.96	95	78961	3.986 ug/L	97
35) Methylcyclohexane	6.12	83	24156	0.709 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	10412	0.599 ug/L #	85
42) Toluene	7.44	91	346458	4.325 ug/L	99
48) 2-Hexanone	8.19	43	15584	2.466 ug/L #	86
51) Chlorobenzene	8.93	112	239106	4.649 ug/L	99

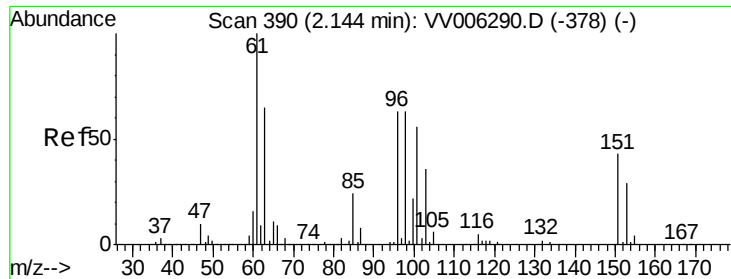
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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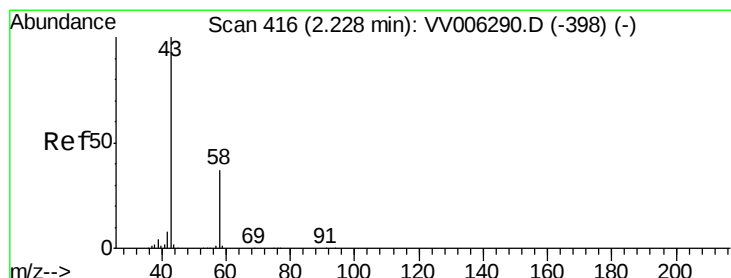
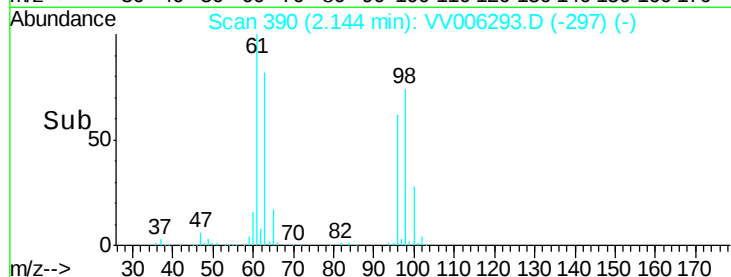
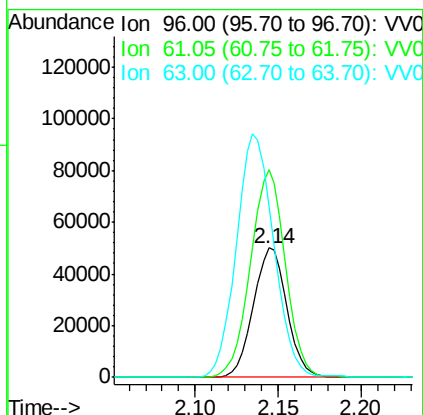
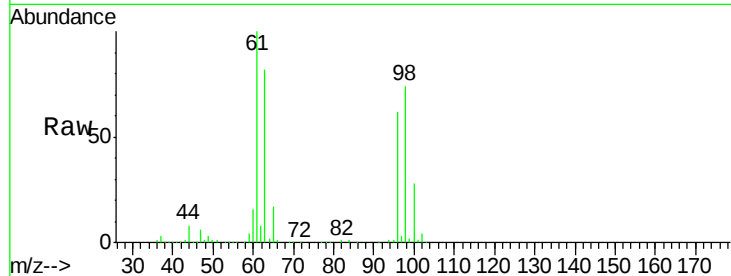




#12
 1,1-Dichloroethene
 Concen: 4.209 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV006293.D
 Acq: 15 Jun 2018 21:20

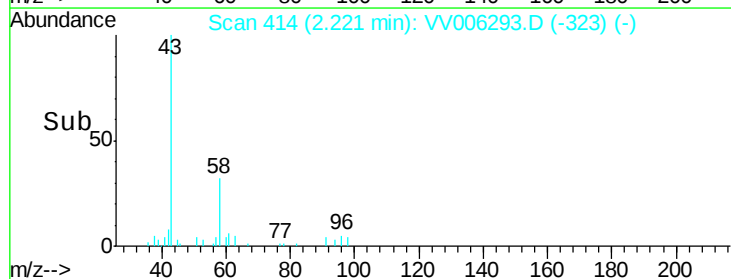
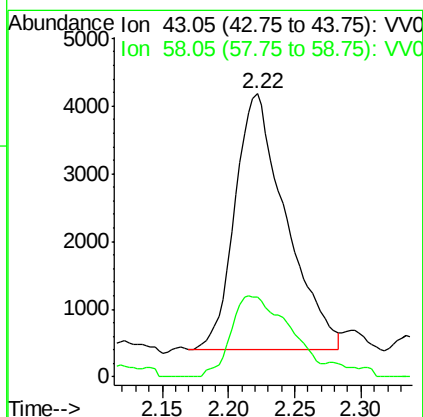
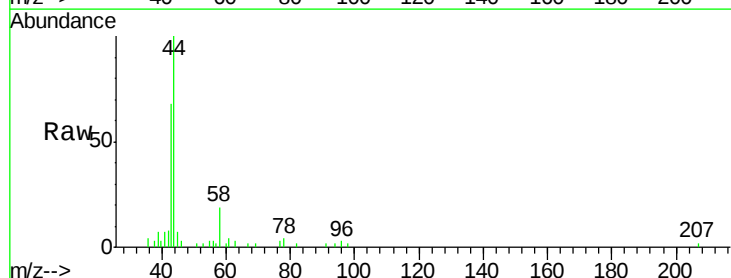
Instrument :
 MSVOA_V
 ClientSampleId :
 ESWG1MS

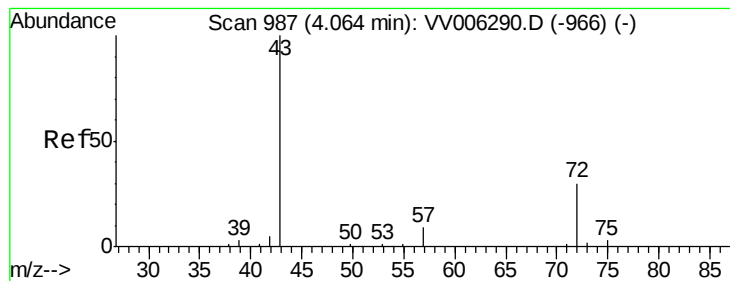
Tgt Ion: 96 Resp: 70833
 Ion Ratio Lower Upper
 96 100
 61 160.3 114.2 212.2
 63 132.1 85.0 157.8



#13
 Acetone
 Concen: 5.487 ug/L
 RT: 2.22 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: VV006293.D
 Acq: 15 Jun 2018 21:20

Tgt Ion: 43 Resp: 10111
 Ion Ratio Lower Upper
 43 100
 58 36.5 0.0 67.4





#21

2-Butanone

Concen: 12.692 ug/L

RT: 4.05 min Scan# 984

Delta R.T. -0.01 min

Lab File: VV006293.D

Acq: 15 Jun 2018 21:20

Instrument :

MSVOA_V

ClientSampled :

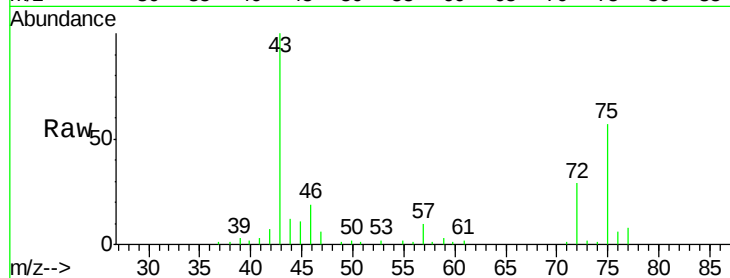
ESWG1MS

Tgt Ion: 43 Resp: 42547

Ion Ratio Lower Upper

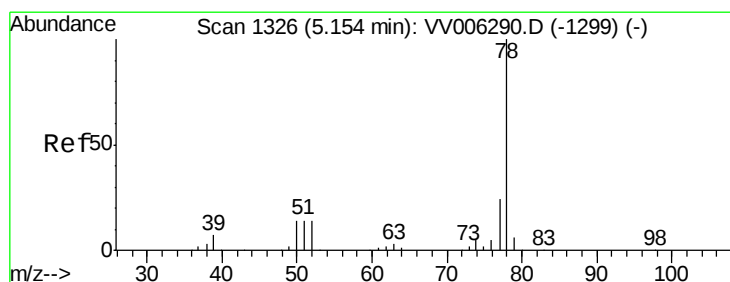
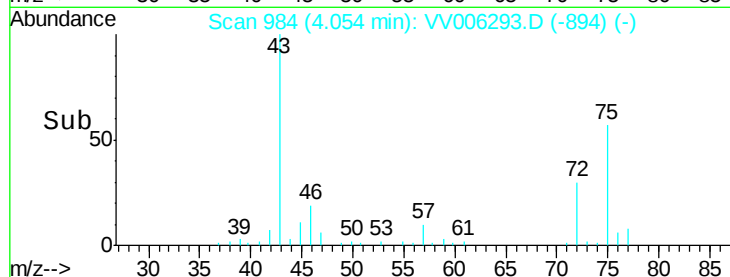
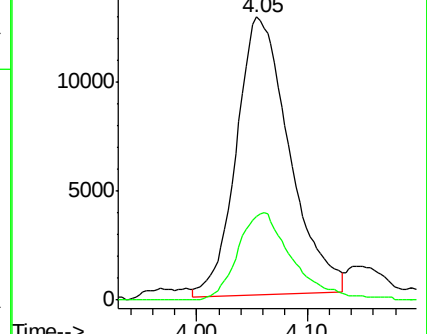
43 100

72 32.0 13.8 41.3



Abundance Ion 43.05 (42.75 to 43.75): VV006293.D (-894) (-)

Ion 72.10 (71.80 to 72.80): VV006293.D (-894) (-)



#33

Benzene

Concen: 4.324 ug/L

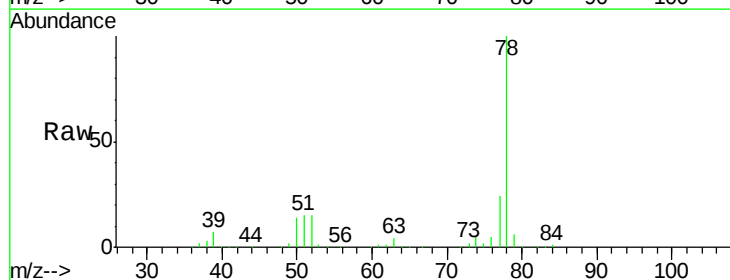
RT: 5.15 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VV006293.D

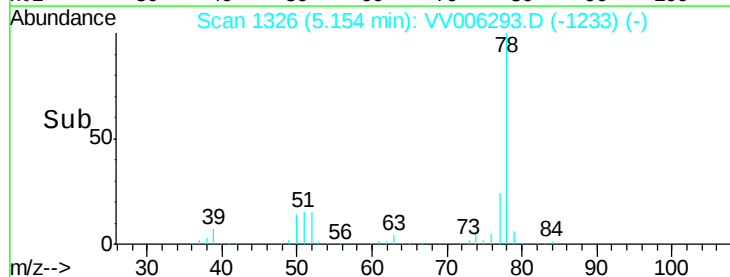
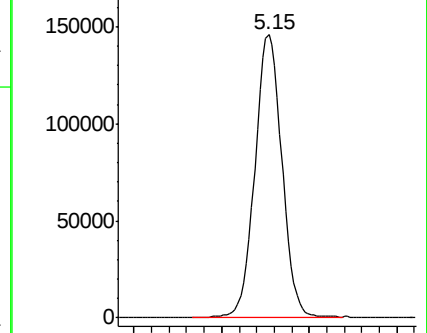
Acq: 15 Jun 2018 21:20

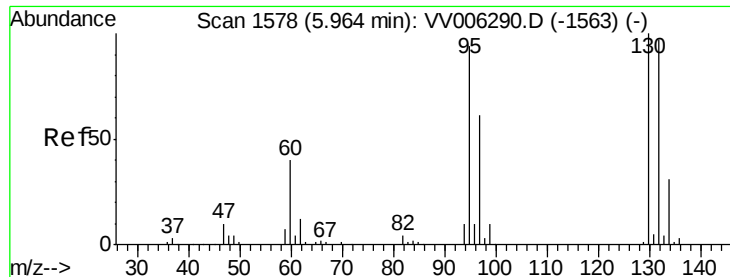
Tgt Ion: 78 Resp: 313826



Abundance Ion 78.10 (77.80 to 78.80): VV006293.D (-1233) (-)

Ion 51.10 (50.80 to 51.80): VV006293.D (-1233) (-)





#34

Trichloroethene

Concen: 3.986 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006293.D

Acq: 15 Jun 2018 21:20

Instrument :

MSVOA_V

ClientSampleId :

ESWG1MS

Tgt Ion: 95 Resp: 78961

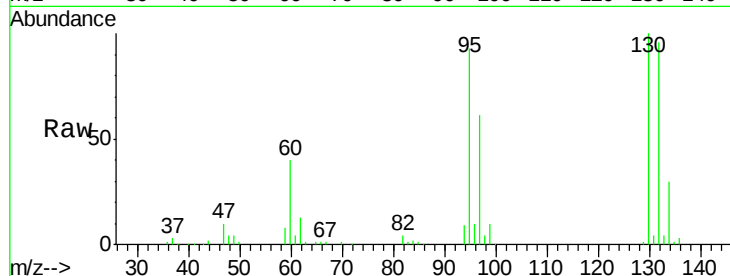
Ion Ratio Lower Upper

95 100

97 65.1 45.1 83.9

132 102.5 69.0 128.1

130 107.0 72.8 135.2

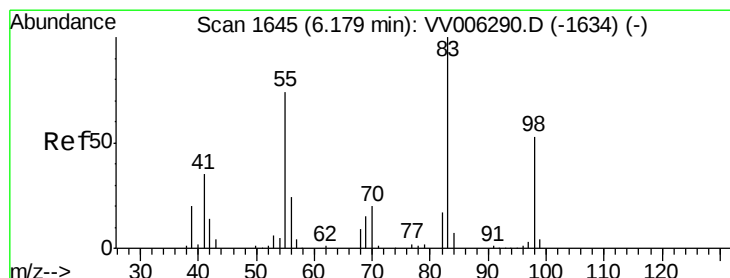
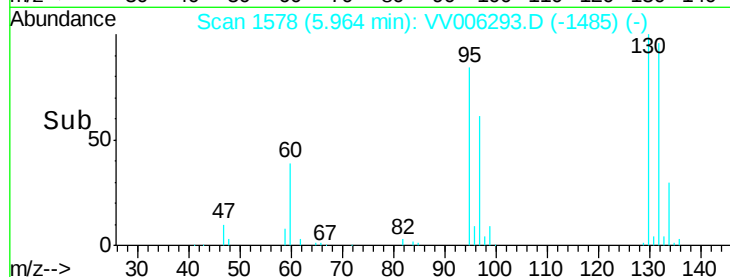
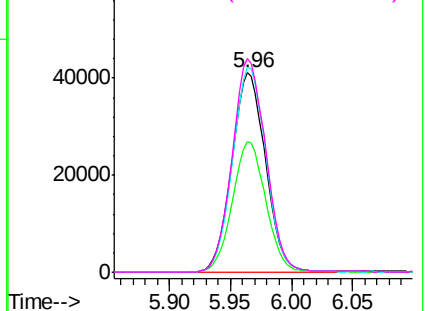


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.709 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006293.D

Acq: 15 Jun 2018 21:20

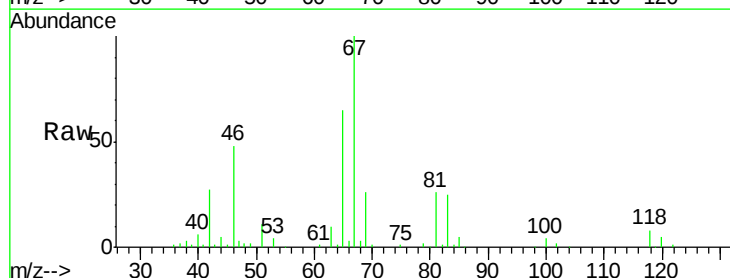
Tgt Ion: 83 Resp: 24156

Ion Ratio Lower Upper

83 100

55 0.8 57.5 86.3#

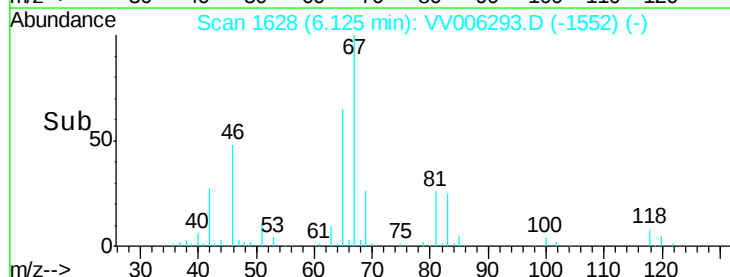
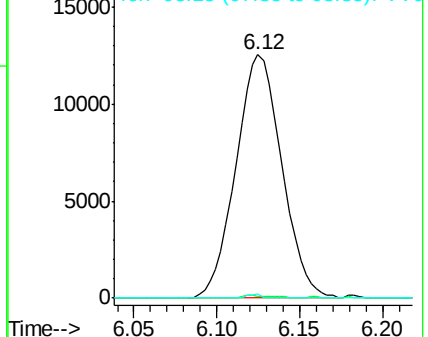
98 0.0 39.8 59.8#

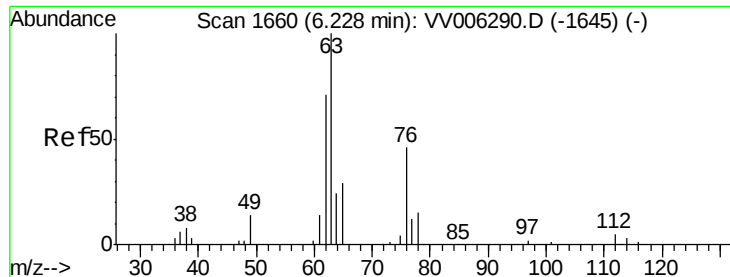


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

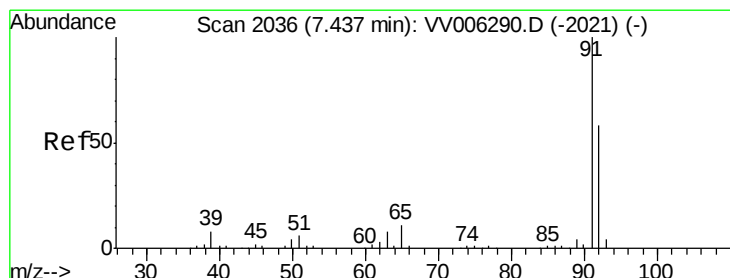
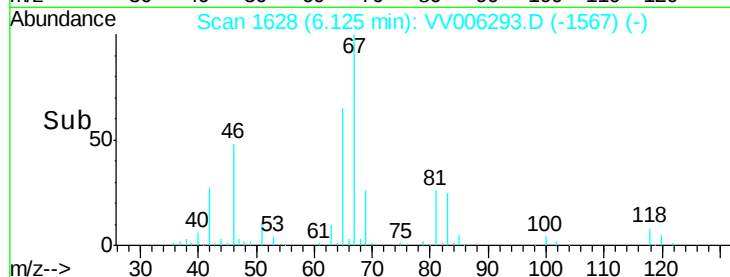
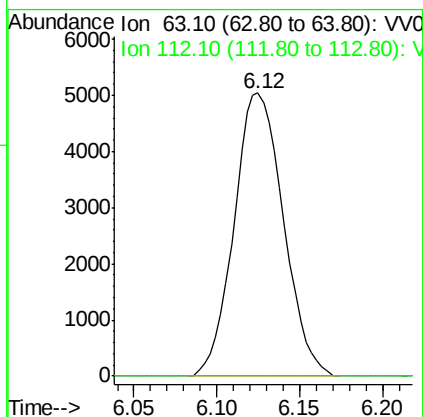
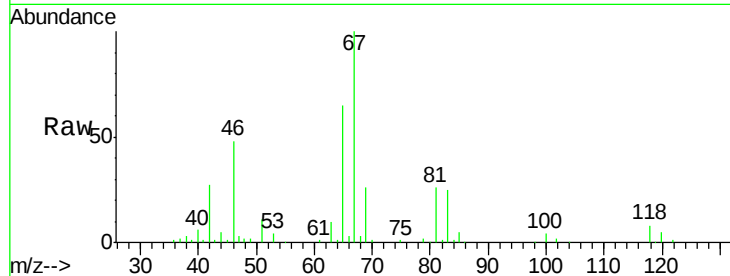




#37
 1,2-Dichloropropane
 Concen: 0.599 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006293.D
 Acq: 15 Jun 2018 21:20

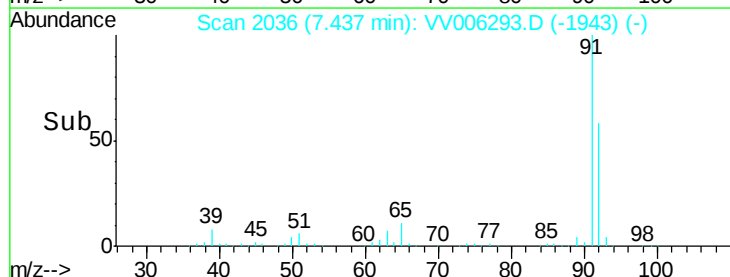
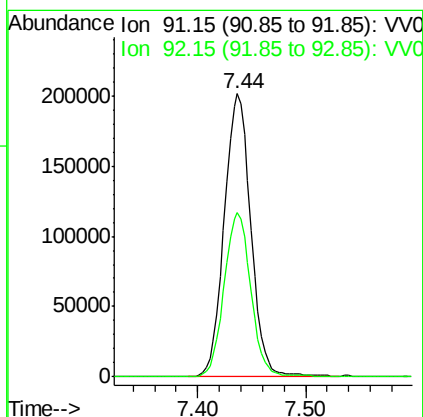
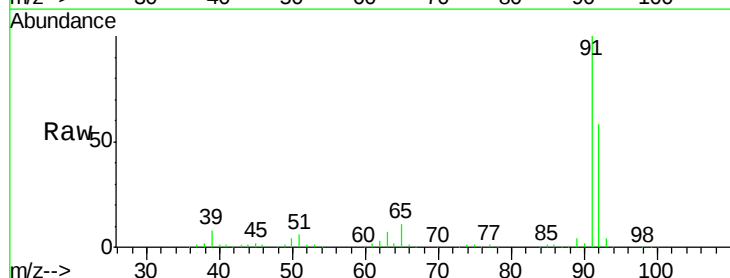
Instrument :
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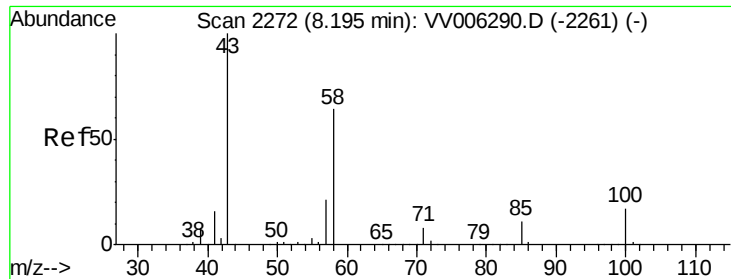
Tgt Ion: 63 Resp: 10412
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#42
 Toluene
 Concen: 4.325 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006293.D
 Acq: 15 Jun 2018 21:20

Tgt Ion: 91 Resp: 346458
 Ion Ratio Lower Upper
 91 100
 92 58.0 41.1 76.3

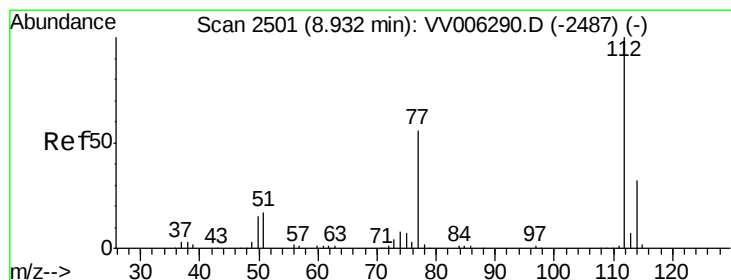
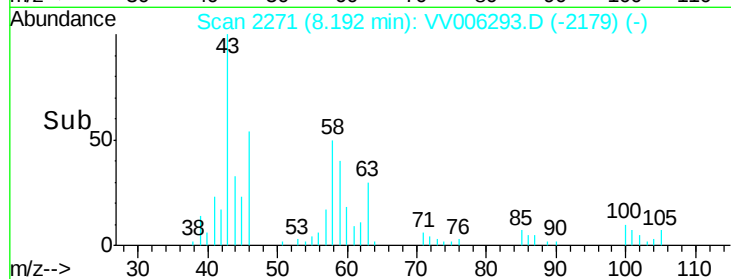
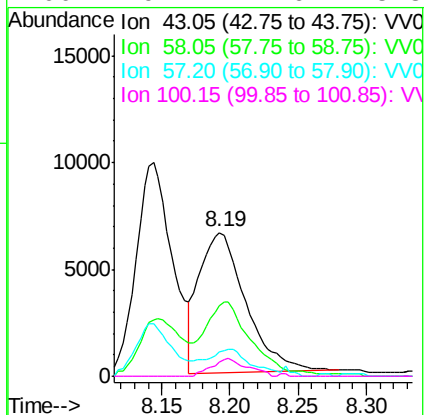
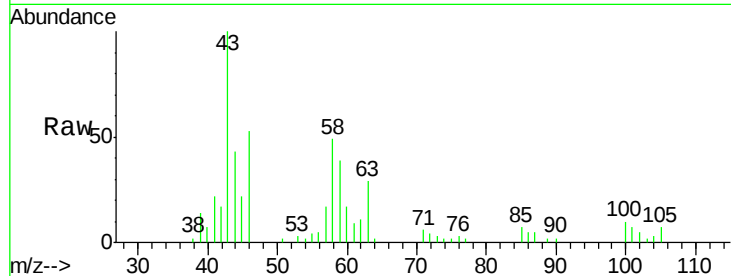




#48
2-Hexanone
Concen: 2.466 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VV006293.D
Acq: 15 Jun 2018 21:20

Instrument :
MSVOA_V
ClientSampleId :
ESWG1MS

Tgt Ion: 43 Resp: 15584
Ion Ratio Lower Upper
43 100
58 49.0 48.6 72.8
57 16.3 17.5 26.3#
100 9.4 12.6 18.8#



#51
Chlorobenzene
Concen: 4.649 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006293.D
Acq: 15 Jun 2018 21:20

Tgt Ion: 112 Resp: 239106
Ion Ratio Lower Upper
112 100
114 31.9 22.2 41.2
77 57.0 45.2 67.8

