

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061518\
 Data File : VV006294.D
 Acq On : 15 Jun 2018 21:47
 Operator : SY/MD
 Sample : J3550-11MSD
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ESWG1MSD

Quant Time: Jun 16 01:00:00 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	288708	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	261529	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117331	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84041	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.59	69	71375	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.13	63	150927	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	3.97	46	203302	60.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.44%
24) Chloroform-d	4.41	84	155085	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.09	65	79224	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.11	84	328154	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.12	67	100076	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.37	98	298794	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.67	79	33465	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.14	63	168175	46.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66925	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	112248	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

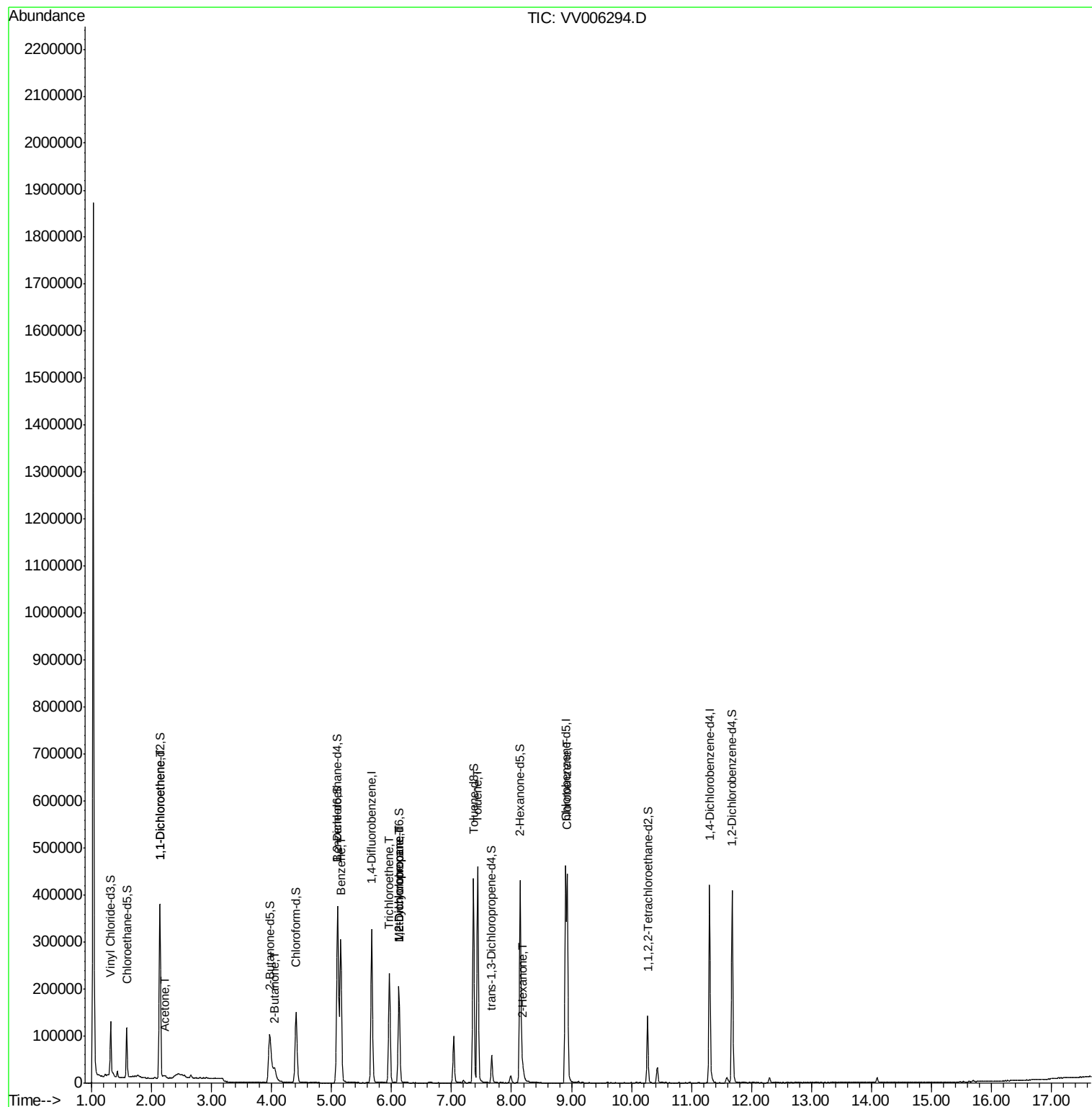
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.14	96	68859	4.156	ug/L	93
13) Acetone	2.22	43	8064	4.445	ug/L	92
21) 2-Butanone	4.06	43	33440	10.131	ug/L	90
33) Benzene	5.15	78	309952	4.299	ug/L	100
34) Trichloroethene	5.96	95	78892	4.009	ug/L	99
35) Methylcyclohexane	6.12	83	24471	0.723	ug/L #	20
37) 1,2-Dichloropropane	6.13	63	10289	0.596	ug/L #	85
42) Toluene	7.44	91	341222	4.287	ug/L	99
48) 2-Hexanone	8.20	43	14073	2.241	ug/L #	88
51) Chlorobenzene	8.93	112	234944	4.598	ug/L	99

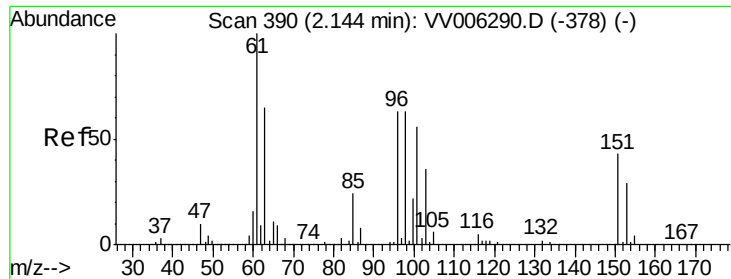
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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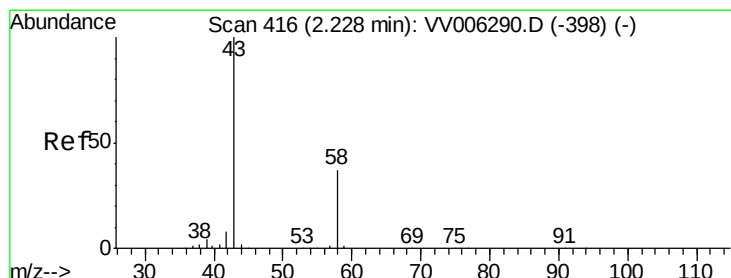
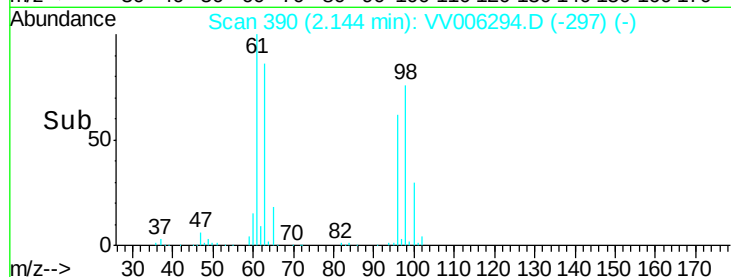
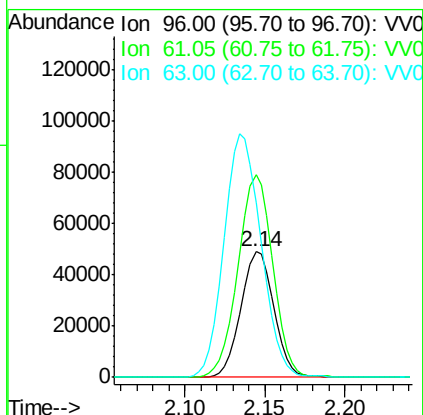
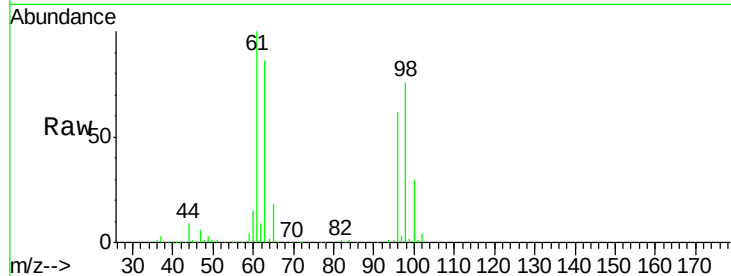




#12
 1,1-Dichloroethene
 Concen: 4.156 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VV006294.D
 Acq: 15 Jun 2018 21:47

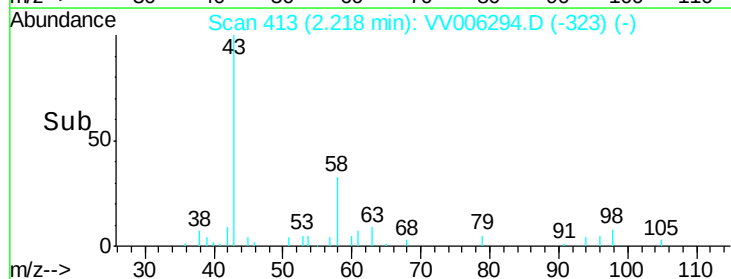
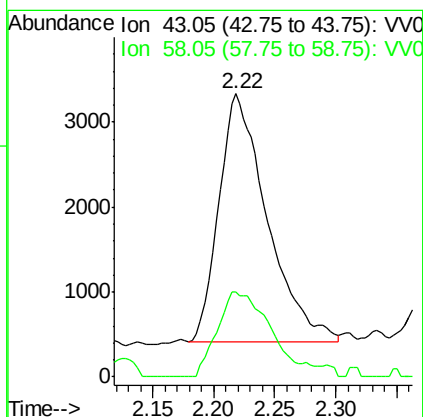
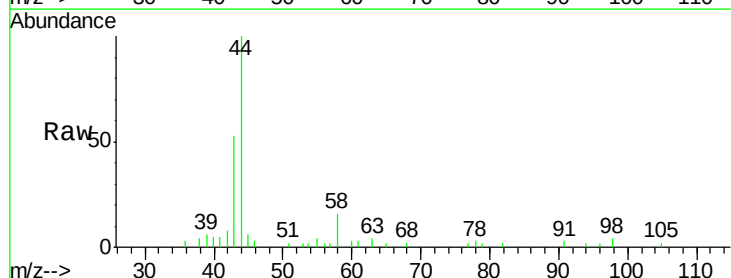
Instrument :
 MSVOA_V
 ClientSampleId :
 ESWG1MSD

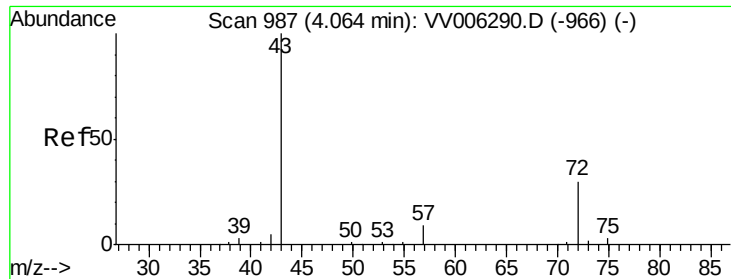
Tgt Ion: 96 Resp: 68859
 Ion Ratio Lower Upper
 96 100
 61 161.5 114.2 212.2
 63 138.6 85.0 157.8



#13
 Acetone
 Concen: 4.445 ug/L
 RT: 2.22 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: VV006294.D
 Acq: 15 Jun 2018 21:47

Tgt Ion: 43 Resp: 8064
 Ion Ratio Lower Upper
 43 100
 58 38.0 0.0 67.4





#21

2-Butanone

Concen: 10.131 ug/L

RT: 4.06 min Scan# 985

Delta R.T. -0.01 min

Lab File: VV006294.D

Acq: 15 Jun 2018 21:47

Instrument :

MSVOA_V

ClientSampleId :

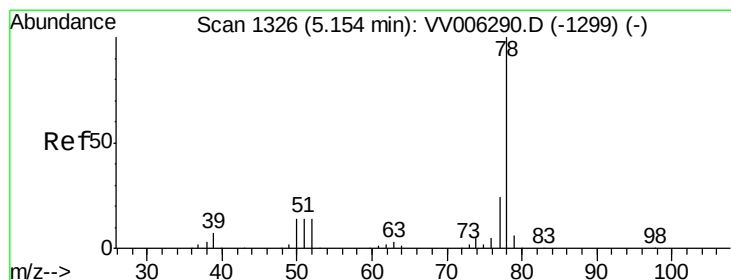
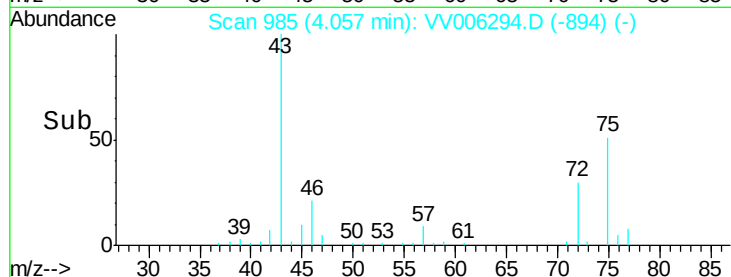
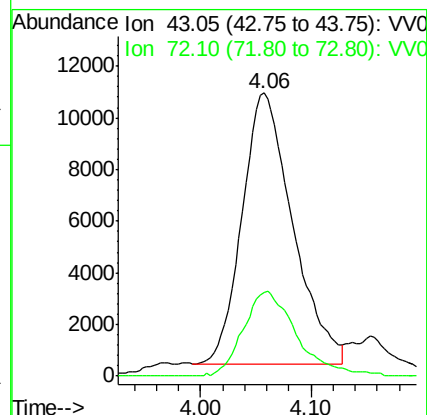
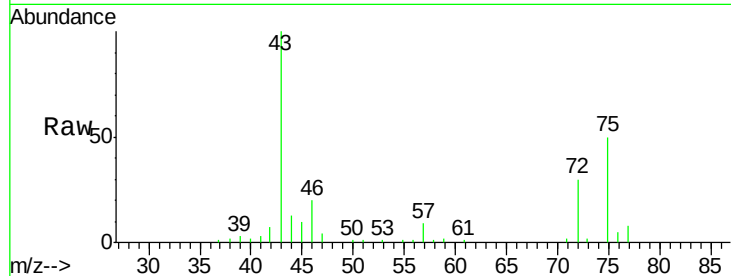
ESWG1MSD

Tgt Ion: 43 Resp: 33440

Ion Ratio Lower Upper

43 100

72 32.5 13.8 41.3



#33

Benzene

Concen: 4.299 ug/L

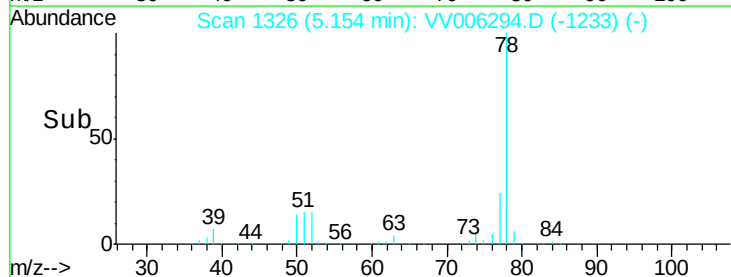
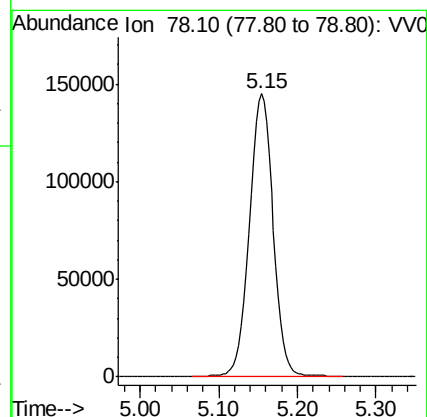
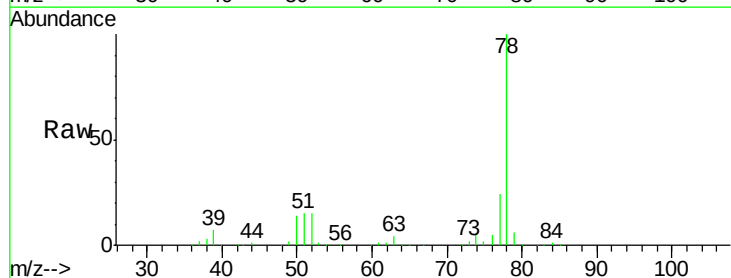
RT: 5.15 min Scan# 1326

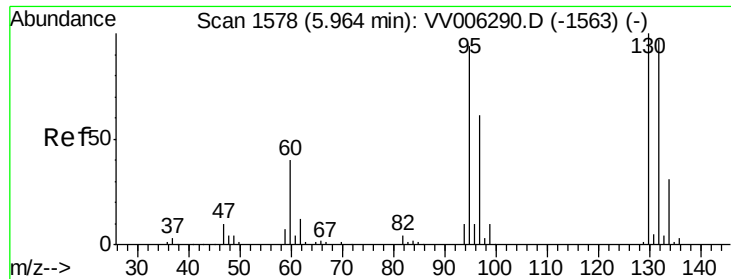
Delta R.T. 0.00 min

Lab File: VV006294.D

Acq: 15 Jun 2018 21:47

Tgt Ion: 78 Resp: 309952





#34

Trichloroethene

Concen: 4.009 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006294.D

Acq: 15 Jun 2018 21:47

Instrument :

MSVOA_V

ClientSampleId :

ESWG1MSD

Tgt Ion: 95 Resp: 78892

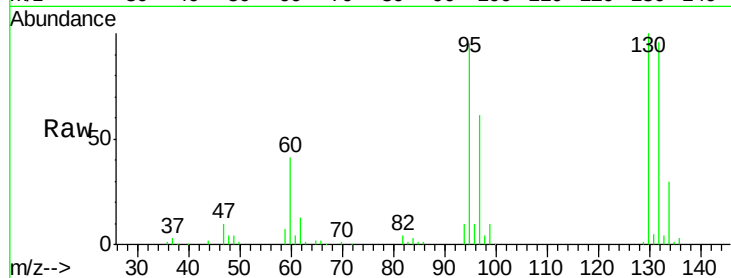
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.9

132 100.9 69.0 128.1

130 105.1 72.8 135.2

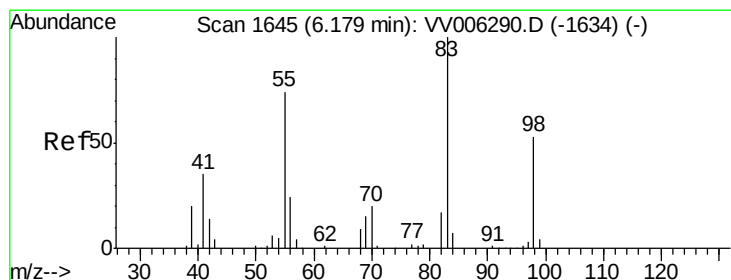
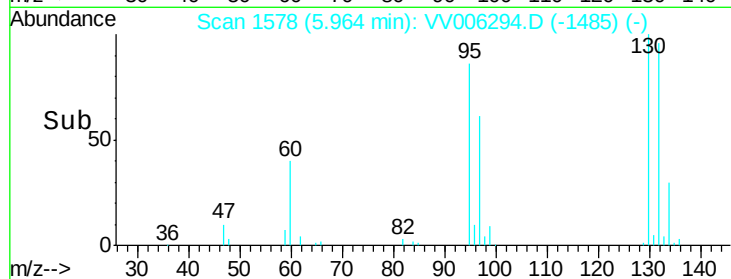
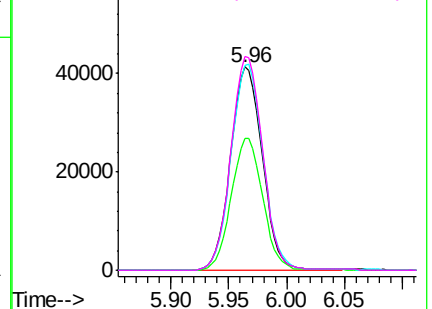


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.723 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006294.D

Acq: 15 Jun 2018 21:47

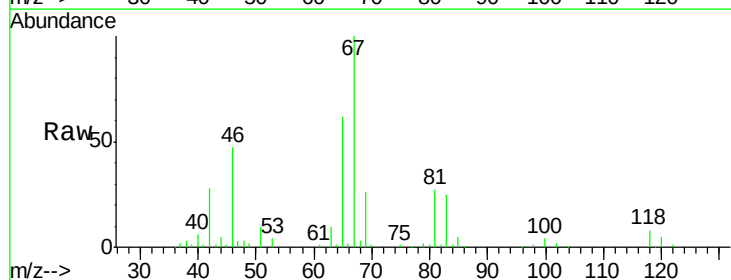
Tgt Ion: 83 Resp: 24471

Ion Ratio Lower Upper

83 100

55 0.3 57.5 86.3#

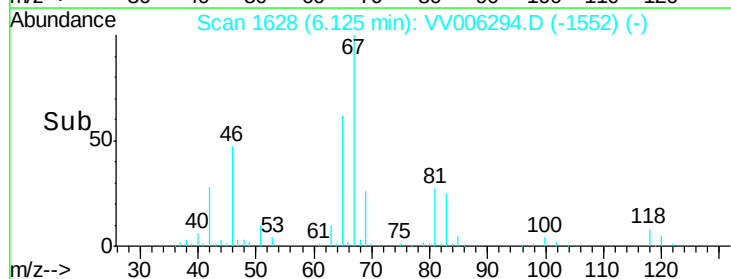
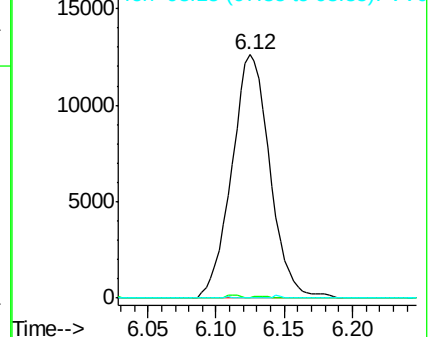
98 0.0 39.8 59.8#

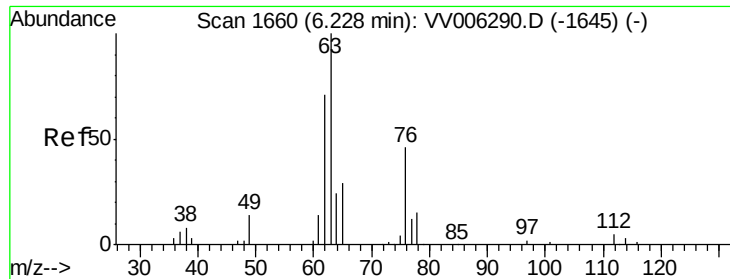


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

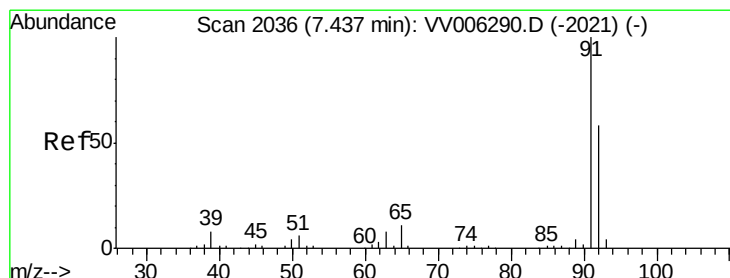
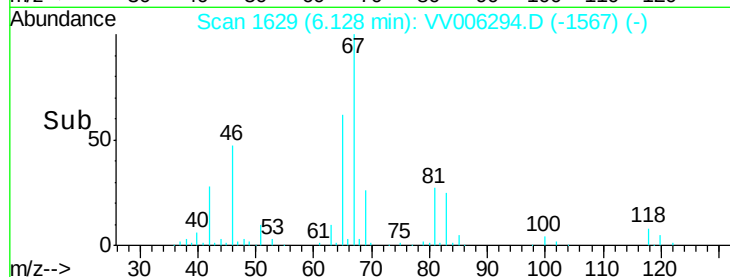
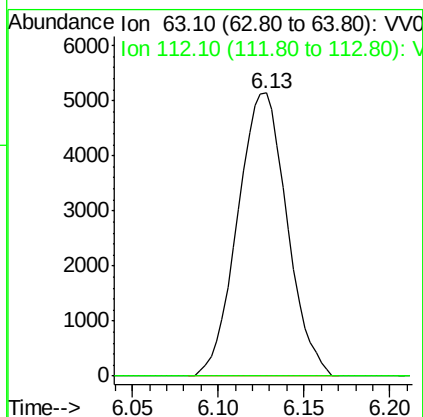
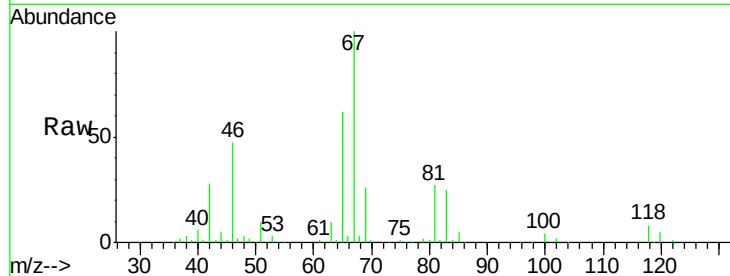




#37
 1,2-Dichloropropane
 Concen: 0.596 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VV006294.D
 Acq: 15 Jun 2018 21:47

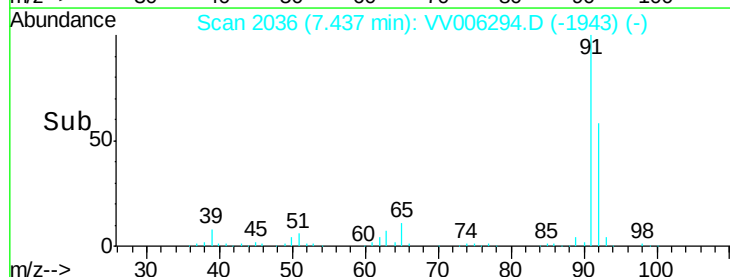
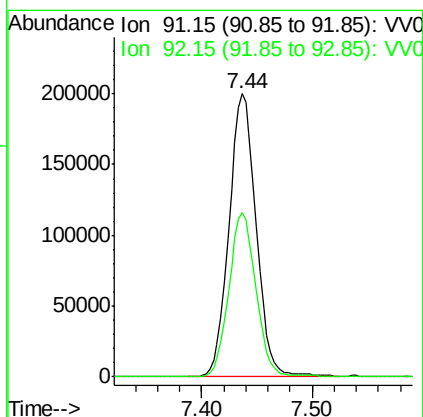
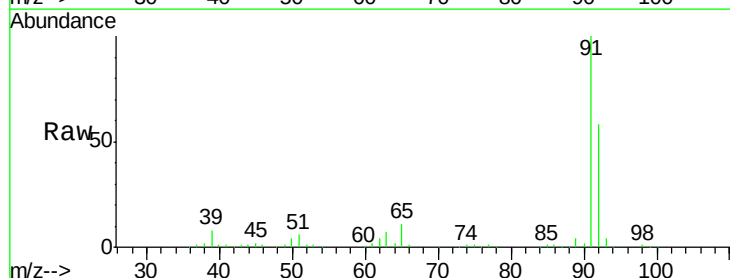
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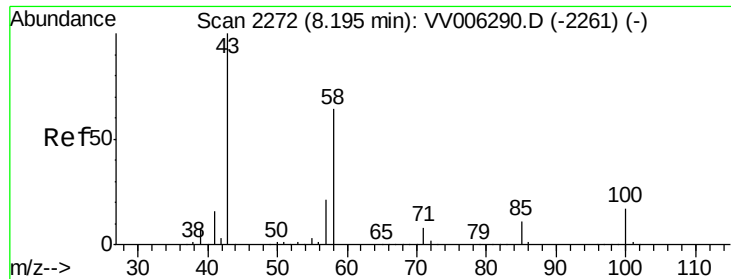
Tgt Ion: 63 Resp: 10289
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#42
 Toluene
 Concen: 4.287 ug/L
 RT: 7.44 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VV006294.D
 Acq: 15 Jun 2018 21:47

Tgt Ion: 91 Resp: 341222
 Ion Ratio Lower Upper
 91 100
 92 57.9 41.1 76.3

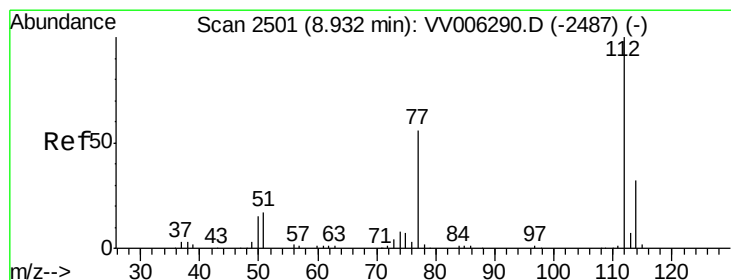
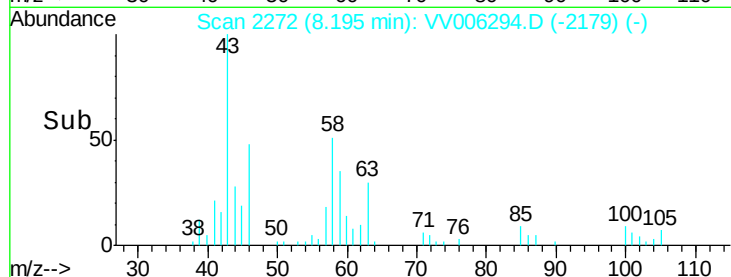
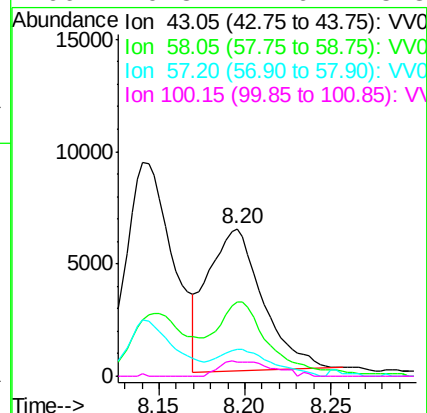
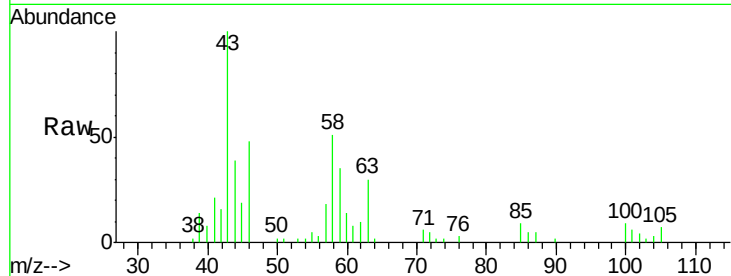




#48
2-Hexanone
Concen: 2.241 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VV006294.D
Acq: 15 Jun 2018 21:47

Instrument :
MSVOA_V
ClientSampleId :
ESWG1MSD

Tgt Ion: 43 Resp: 14073
Ion Ratio Lower Upper
43 100
58 50.4 48.6 72.8
57 19.1 17.5 26.3
100 9.8 12.6 18.8#



#51
Chlorobenzene
Concen: 4.598 ug/L
RT: 8.93 min Scan# 2501
Delta R.T. 0.00 min
Lab File: VV006294.D
Acq: 15 Jun 2018 21:47

Tgt Ion: 112 Resp: 234944
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 56.3 45.2 67.8

