

Data File : VV007663.D
Acq On : 20 Sep 2018 19:06
Operator : SY/MD
Sample : J4989-03MSD
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOR5MSD

Quant Time: Sep 21 01:40:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 01:37:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	102764	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96480	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51635	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18056	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.58	69	20277	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.14	63	51416	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.80%
20) 2-Butanone-d5	3.96	46	53214	49.39	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.78%
24) Chloroform-d	4.41	84	45910	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.09	65	24148	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	88263	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.13	67	26481	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	88705	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.67	79	9739	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.14	63	38416	43.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.90%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20678	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	39491	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

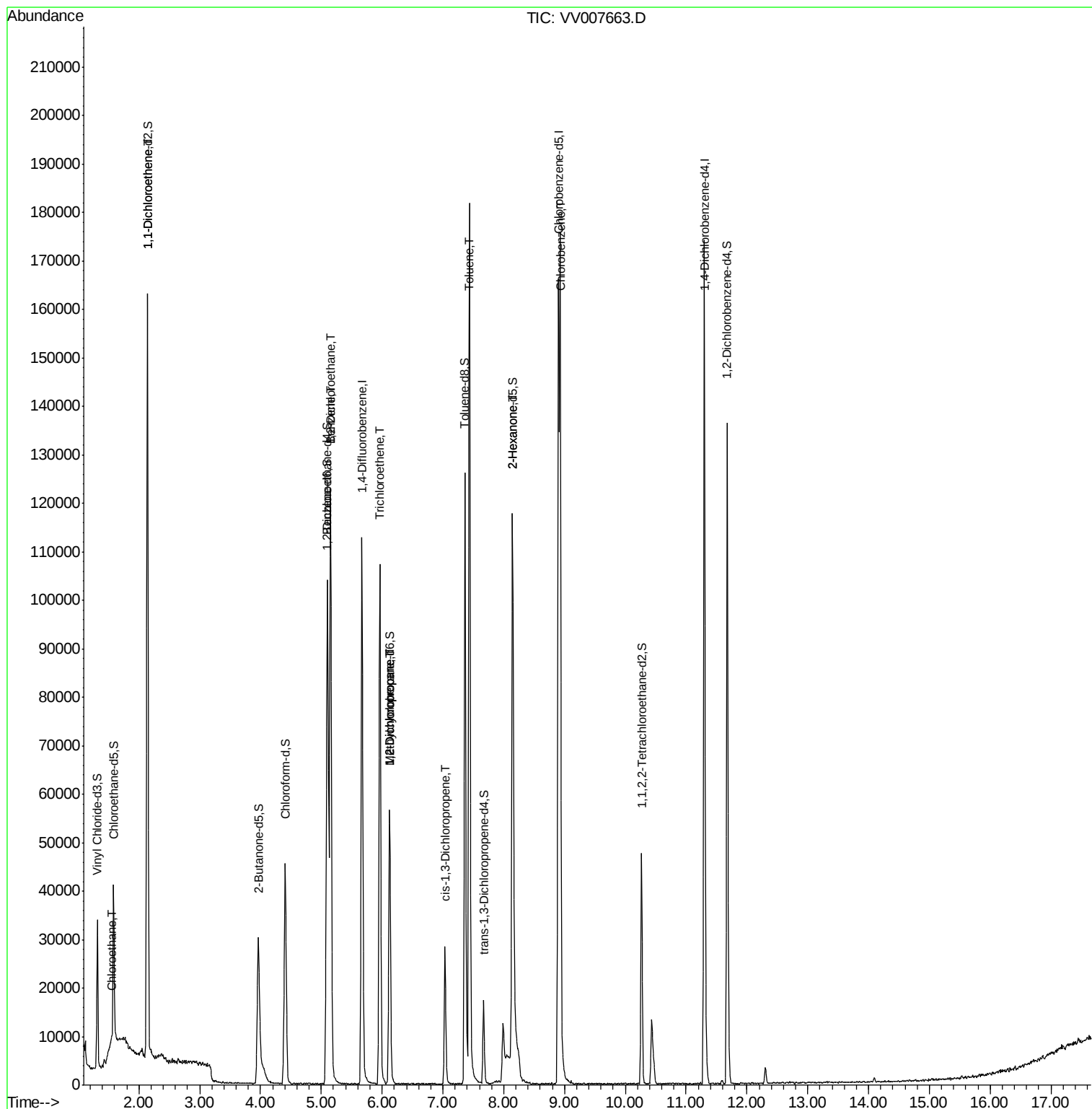
					Qvalue
8) Chloroethane	1.55	64	647	0.133 ug/L #	51
12) 1,1-Dichloroethene	2.14	96	36126	4.824 ug/L	98
27) 1,2-Dichloroethane	5.16	62	1193	0.166 ug/L #	74
33) Benzene	5.15	78	121291	4.734 ug/L	100
34) Trichloroethene	5.96	95	35015	4.645 ug/L	98
35) Methylcyclohexane	6.13	83	6957	0.598 ug/L #	25
37) 1,2-Dichloropropane	6.12	63	3093	0.500 ug/L #	85
39) cis-1,3-Dichloropropene	7.04	75	851	0.095 ug/L #	62
42) Toluene	7.44	91	138228	4.737 ug/L	99
48) 2-Hexanone	8.15	43	5619	2.370 ug/L #	90
51) Chlorobenzene	8.93	112	96082	4.748 ug/L	98

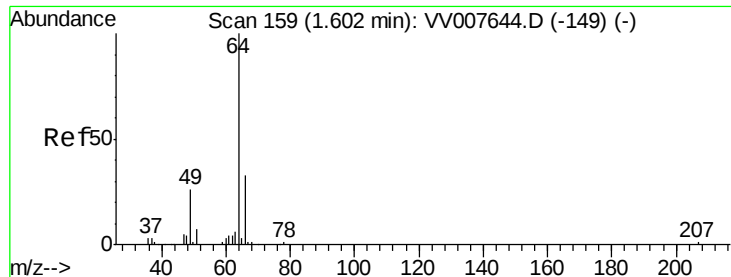
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.133 ug/L

RT: 1.55 min Scan# 143

Delta R.T. -0.05 min

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Acq: 20 Sep 2018 19:06

Instrument :

MSVOA_V

ClientSampleId :

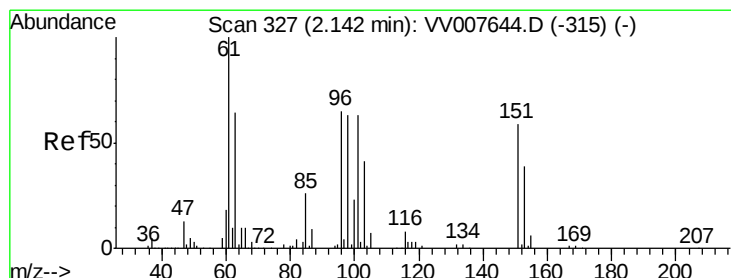
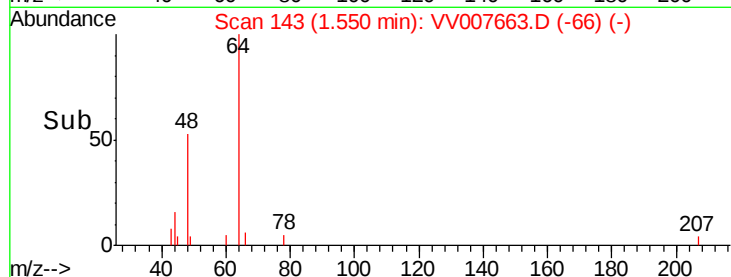
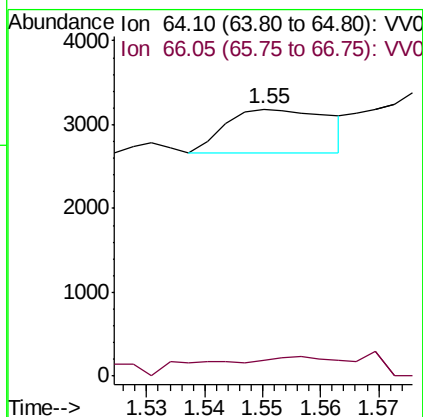
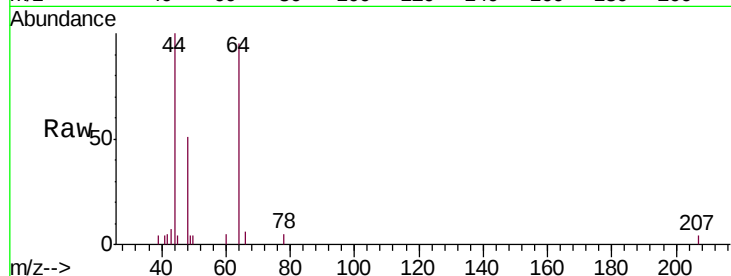
ET0R5MSD

Tgt Ion: 64 Resp: 647

Ion Ratio Lower Upper

64 100

66 5.8 23.4 43.4#



#12

1,1-Dichloroethene

Concen: 4.824 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV007663.D

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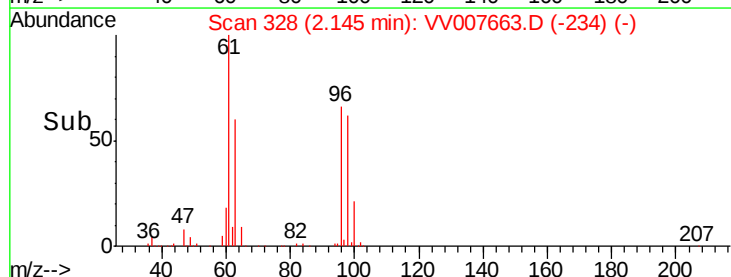
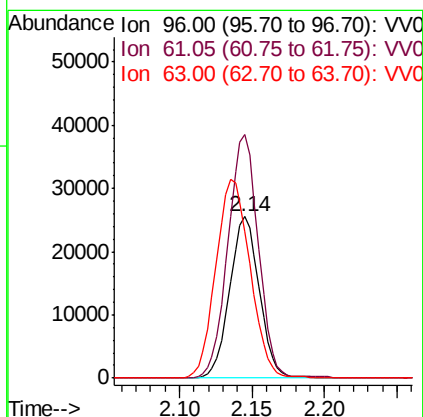
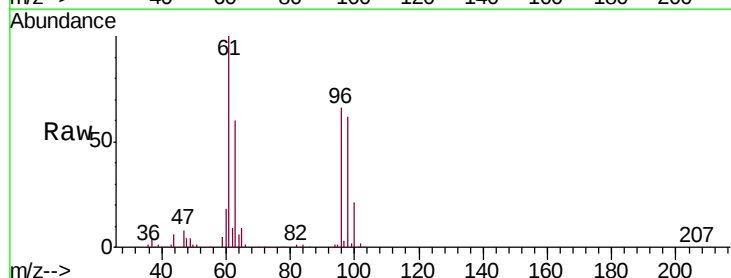
Tgt Ion: 96 Resp: 36126

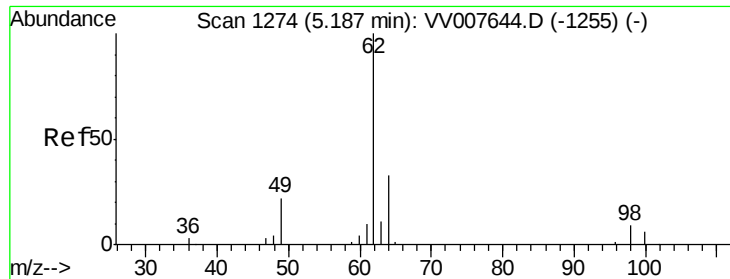
Ion Ratio Lower Upper

96 100

61 151.1 104.3 193.7

63 91.2 65.2 121.2

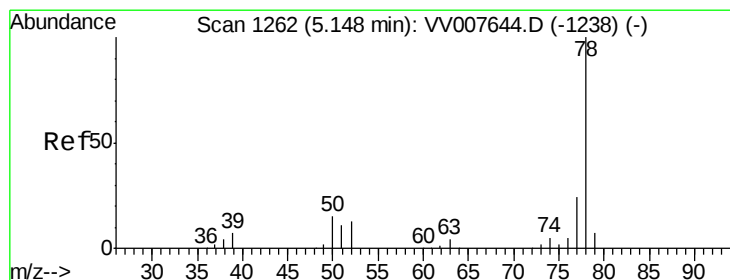
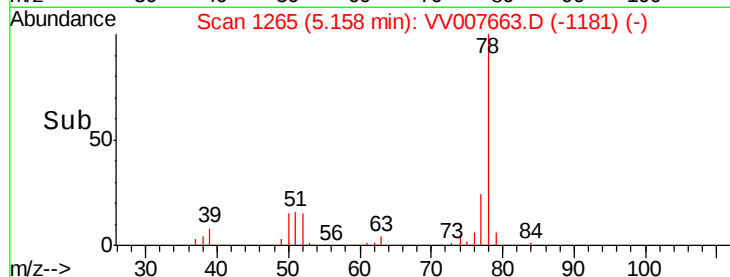
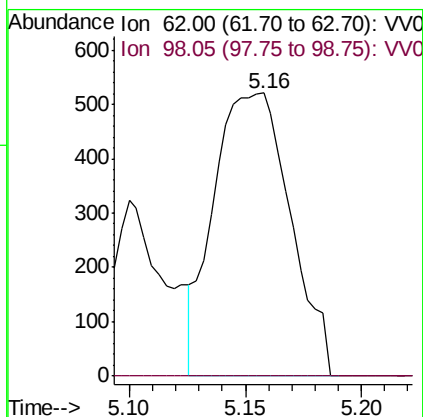
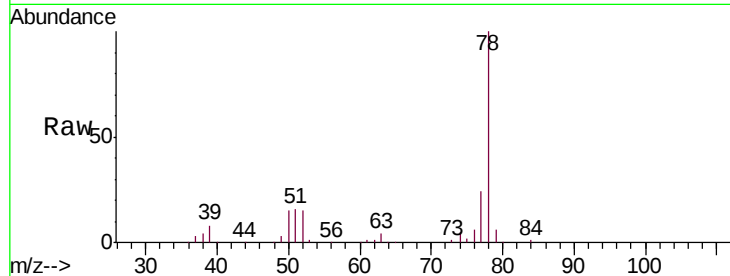




#27
 1,2-Dichloroethane
 Concen: 0.166 ug/L
 RT: 5.16 min Scan# 1265
 Delta R.T. -0.03 min
 Lab File: VV007663.D
 Acq: 20 Sep 2018 19:06

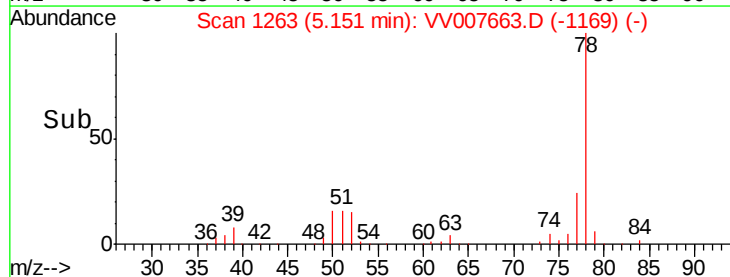
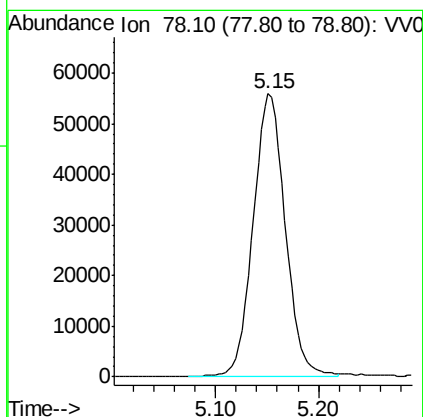
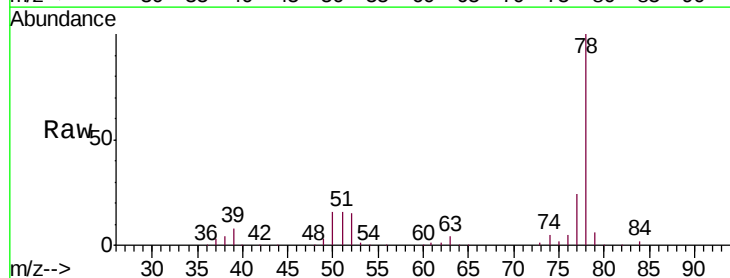
Instrument :
 MSVOA_V
 ClientSampleId :
 ET0R5MSD

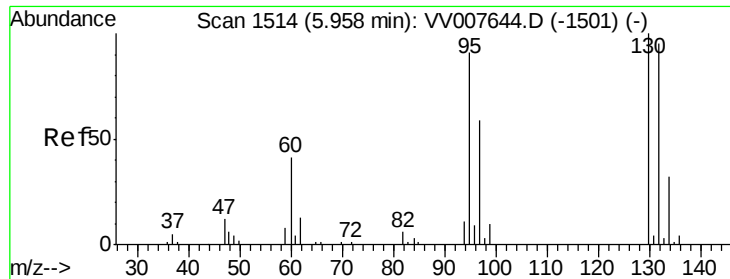
Tgt Ion: 62 Resp: 1193
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#33
 Benzene
 Concen: 4.734 ug/L
 RT: 5.15 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VV007663.D
 Acq: 20 Sep 2018 19:06

Tgt Ion: 78 Resp: 121291

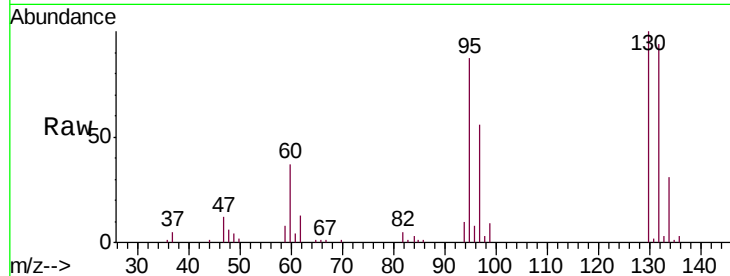




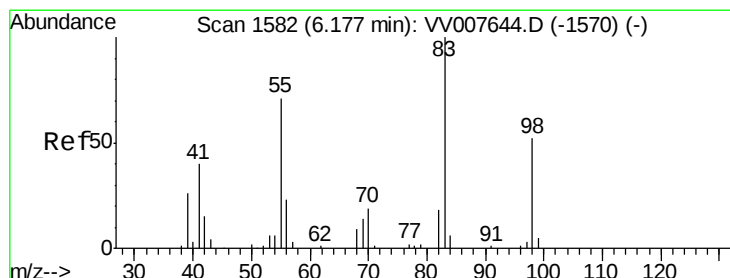
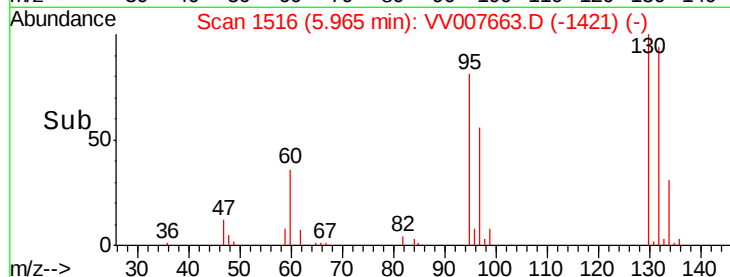
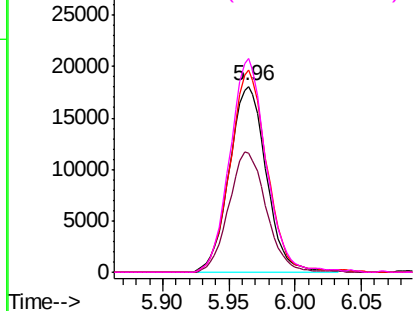
#34
 Trichloroethene
 Concen: 4.645 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV007663.D
 Acq: 20 Sep 2018 19:06

Instrument :
 MSVOA_V
 ClientSampleId :
 ETOR5MSD

Tgt Ion: 95 Resp: 35015
 Ion Ratio Lower Upper
 95 100
 97 64.1 45.1 83.9
 132 108.5 78.2 145.2
 130 114.9 78.8 146.3

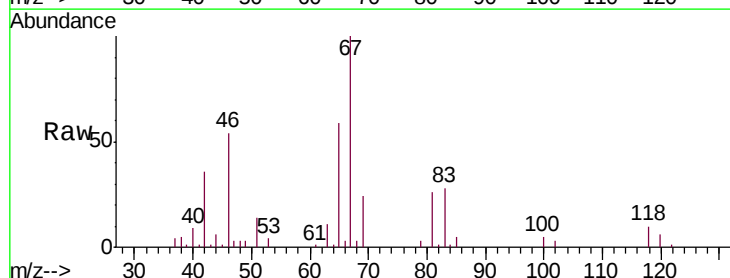


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

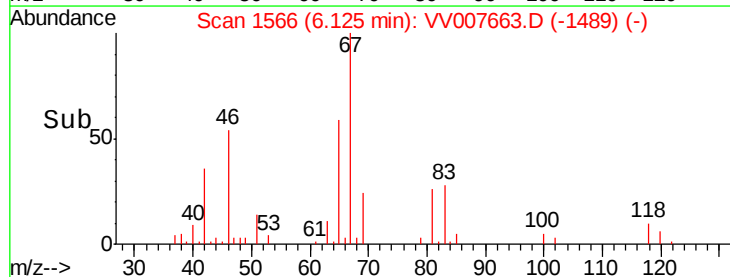
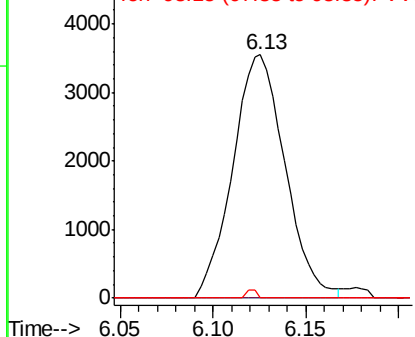


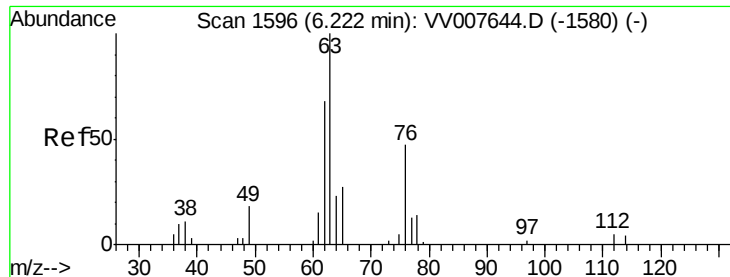
#35
 Methylcyclohexane
 Concen: 0.598 ug/L
 RT: 6.13 min Scan# 1566
 Delta R.T. -0.05 min
 Lab File: VV007663.D
 Acq: 20 Sep 2018 19:06

Tgt Ion: 83 Resp: 6957
 Ion Ratio Lower Upper
 83 100
 55 0.0 54.8 82.2#
 98 7.6 40.7 61.1#



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

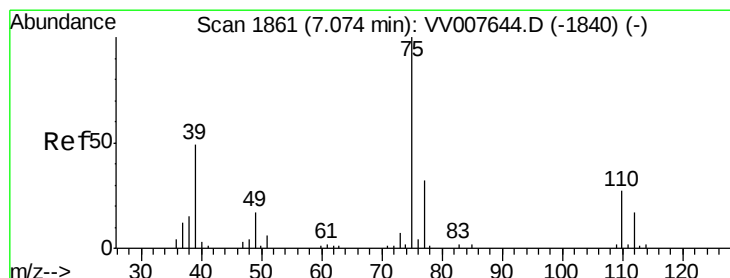
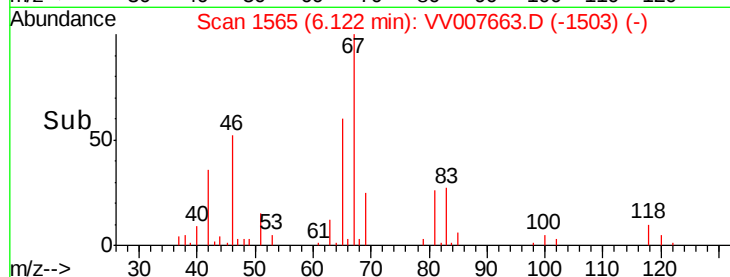
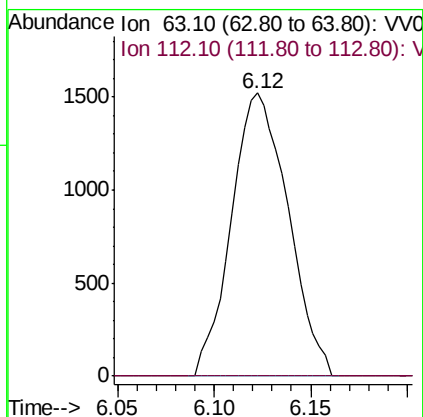
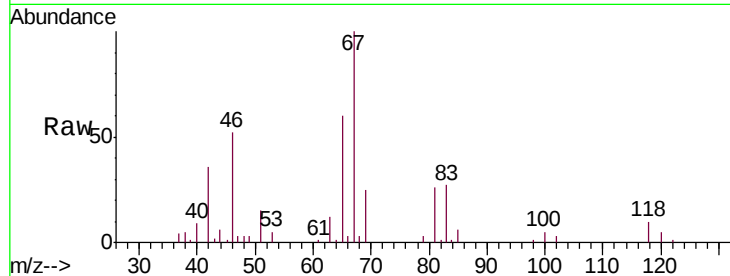




#37
 1,2-Dichloropropane
 Concen: 0.500 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV007663.D
 Acq: 20 Sep 2018 19:06

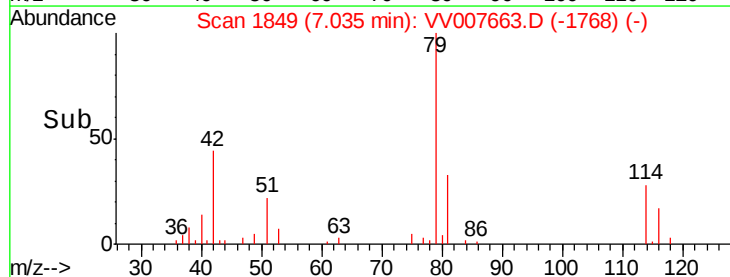
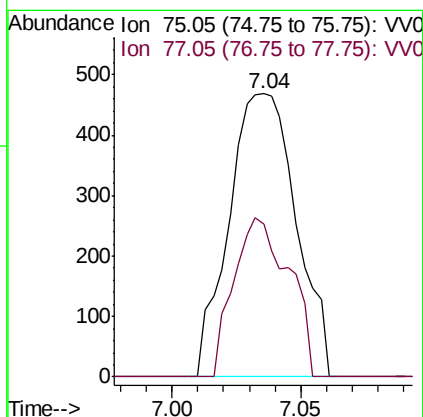
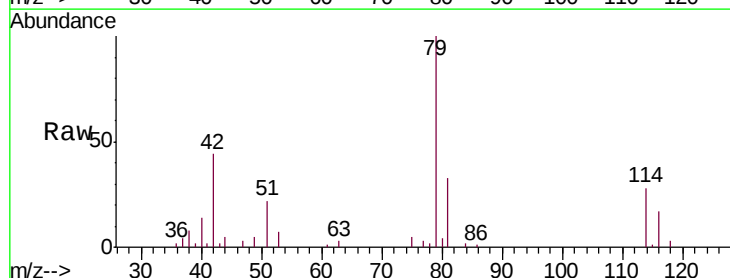
Instrument :
 MSVOA_V
 ClientSampleId :
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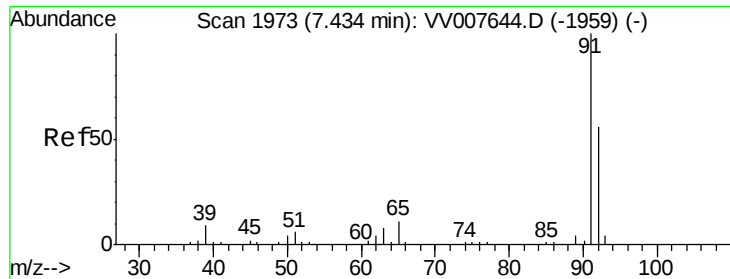
Tgt Ion: 63 Resp: 3093
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV007663.D
 Acq: 20 Sep 2018 19:06

Tgt Ion: 75 Resp: 851
 Ion Ratio Lower Upper
 75 100
 77 54.1 22.7 42.3#





#42

Toluene

Concen: 4.737 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007663.D

Acq: 20 Sep 2018 19:06

Instrument :

MSVOA_V

ClientSampleId :

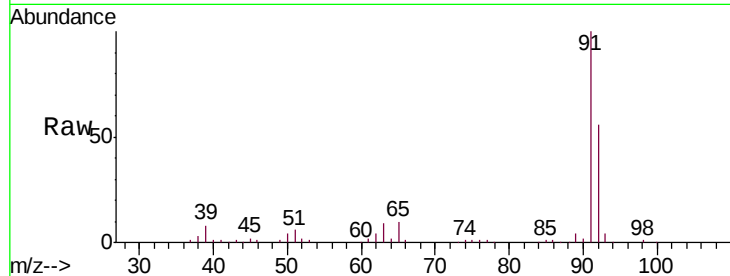
ET0R5MSD

Tgt Ion: 91 Resp: 138228

Ion Ratio Lower Upper

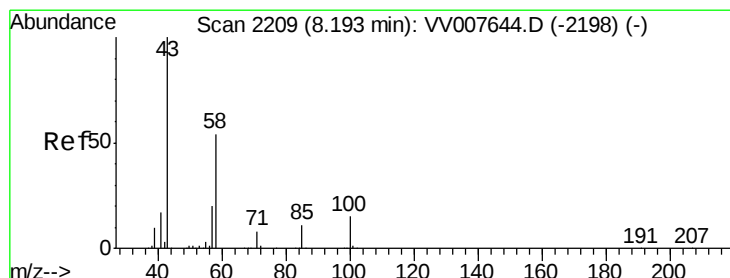
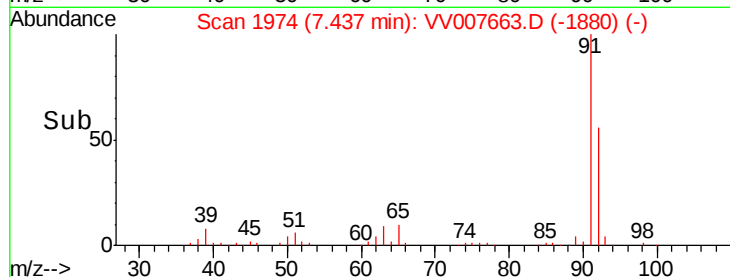
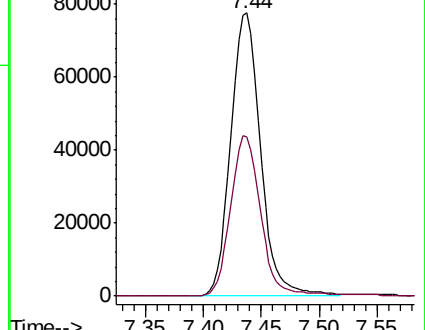
91 100

92 56.3 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VV007644.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV007644.D (-1959) (-)



#48

2-Hexanone

Concen: 2.370 ug/L

RT: 8.15 min Scan# 2195

Delta R.T. -0.04 min

Lab File: VV007663.D

Acq: 20 Sep 2018 19:06

Tgt Ion: 43 Resp: 5619

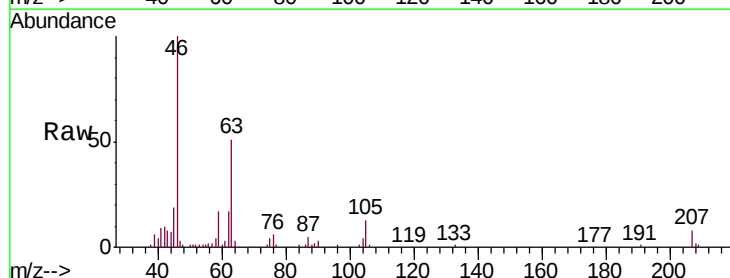
Ion Ratio Lower Upper

43 100

58 55.4 45.3 67.9

57 29.1 16.6 24.8#

100 0.0 11.4 17.0#

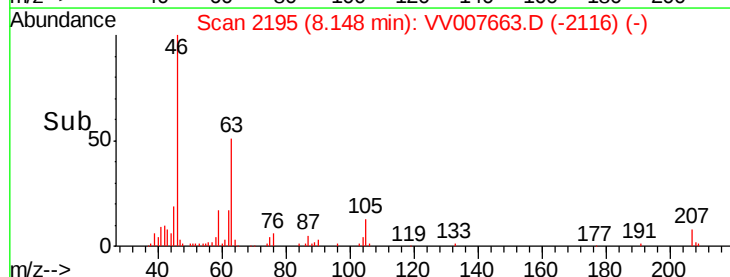
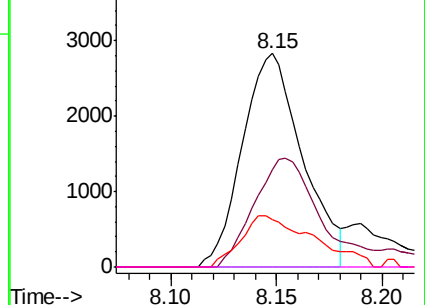


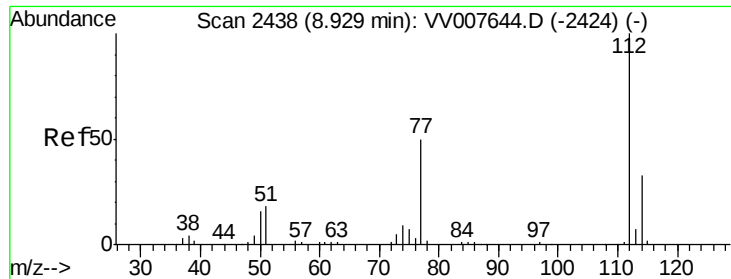
Abundance Ion 43.05 (42.75 to 43.75): VV007644.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV007644.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV007644.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV007644.D (-2198) (-)





#51

Chlorobenzene

Concen: 4.748 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

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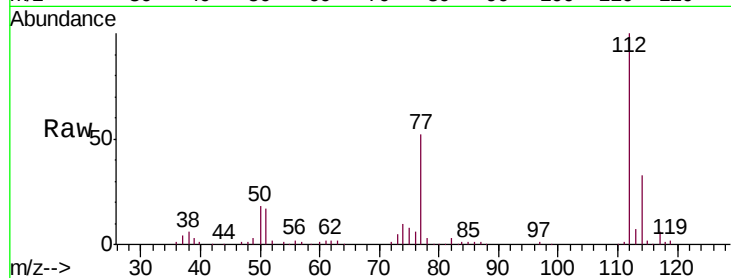
Tgt Ion:112 Resp: 96082

Ion Ratio Lower Upper

112 100

114 32.8 21.5 39.9

77 51.7 40.8 61.2



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

