

Data File : VV007660.D
Acq On : 20 Sep 2018 17:16
Operator : SY/MD
Sample : J4900-18MSD
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3ZE1MSD

Quant Time: Sep 21 01:39:50 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	101010	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94765	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50560	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18880	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.59	69	20782	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.14	63	54063	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	3.96	46	51936	49.04	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	4.41	84	46923	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	25137	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.10	84	92788	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.13	67	27988	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.36	98	92661	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	10113	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	38692	44.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21932	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	42377	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

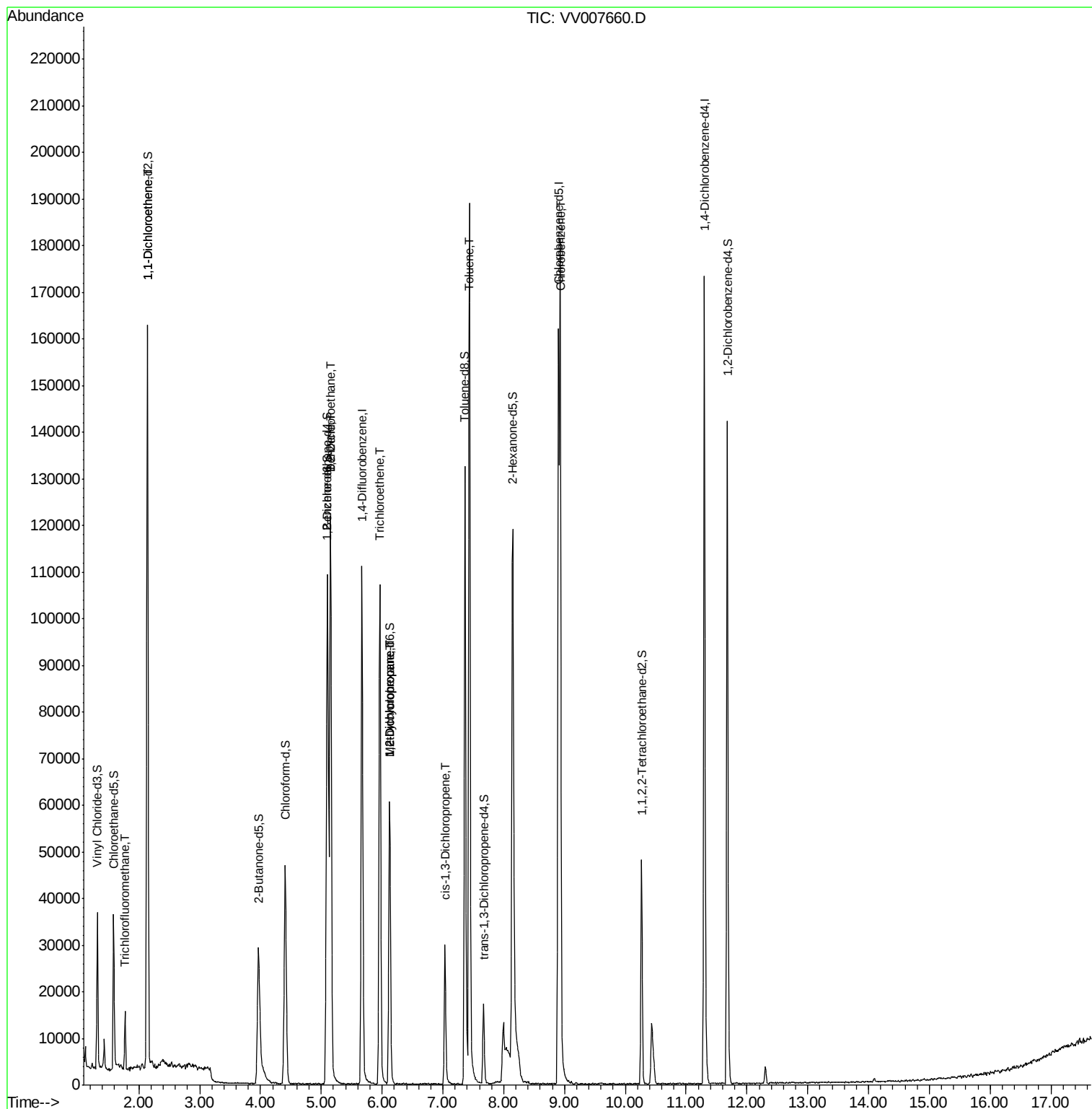
					Qvalue
9) Trichlorofluoromethane	1.77	101	6484	0.422 ug/L	96
12) 1,1-Dichloroethene	2.14	96	35838	4.869 ug/L	96
27) 1,2-Dichloroethane	5.15	62	1157	0.163 ug/L #	74
33) Benzene	5.15	78	122859	4.882 ug/L	100
34) Trichloroethene	5.96	95	36260	4.898 ug/L	98
35) Methylcyclohexane	6.13	83	7164	0.627 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	3459	0.569 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	814	0.093 ug/L #	80
42) Toluene	7.43	91	142804	4.982 ug/L	100
51) Chlorobenzene	8.93	112	97909	4.926 ug/L	99

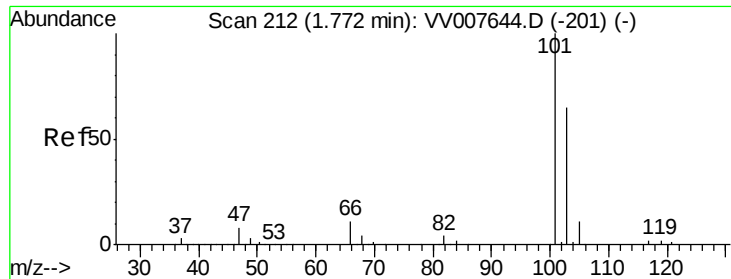
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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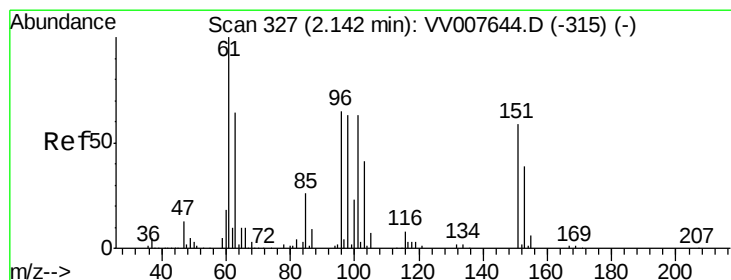
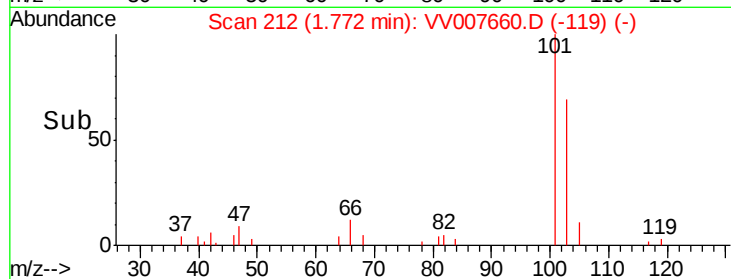
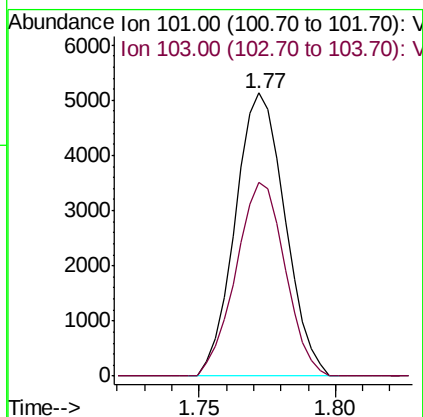
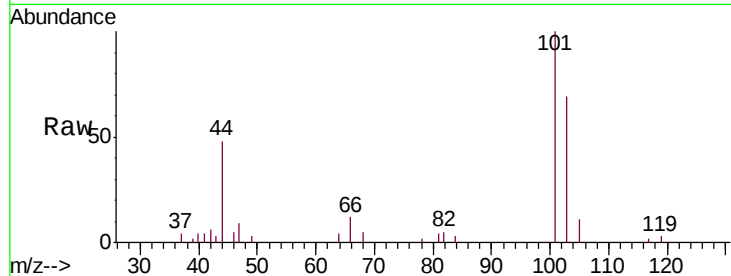


#9

Trichlorofluoromethane
 Concen: 0.422 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VV007660.D
 Acq: 20 Sep 2018 17:16

Instrument :
 MSVOA_V
 ClientSampleId :
 A3ZE1MSD

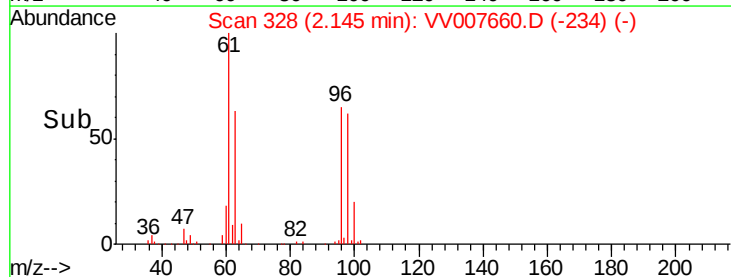
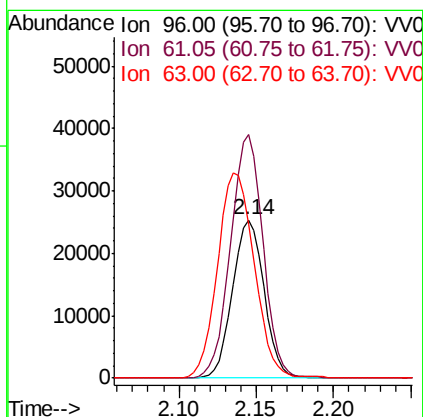
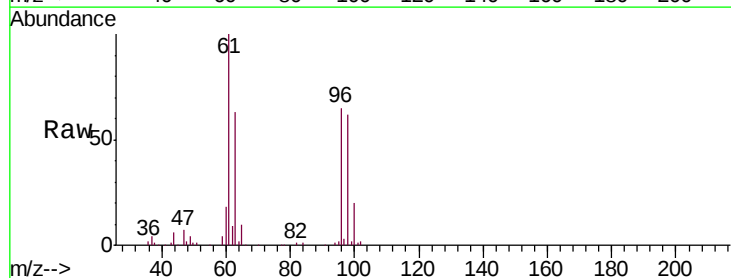
Tgt Ion: 101 Resp: 6484
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.9 77.9

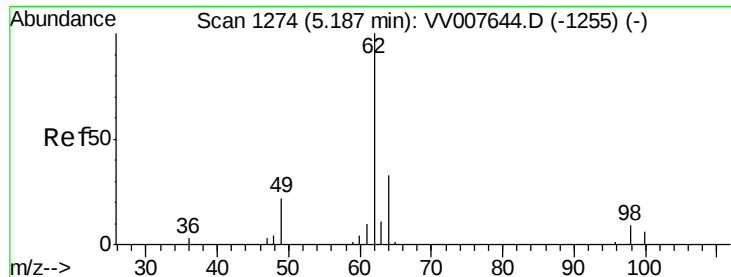


#12

1,1-Dichloroethene
 Concen: 4.869 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV007660.D
 Acq: 20 Sep 2018 17:16

Tgt Ion: 96 Resp: 35838
 Ion Ratio Lower Upper
 96 100
 61 153.9 104.3 193.7
 63 97.1 65.2 121.2





#27

1,2-Dichloroethane

Concen: 0.163 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. -0.04 min

Lab File: VV007660.D

Acq: 20 Sep 2018 17:16

Instrument :

MSVOA_V

ClientSampleId :

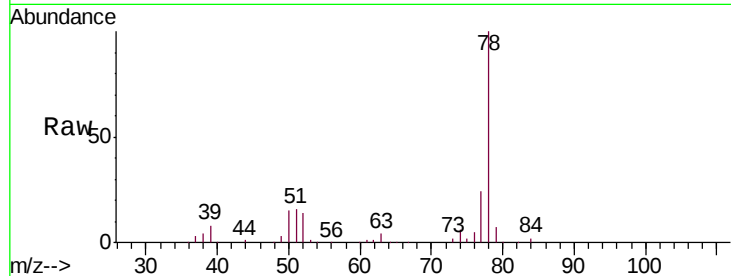
A3ZE1MSD

Tgt Ion: 62 Resp: 1157

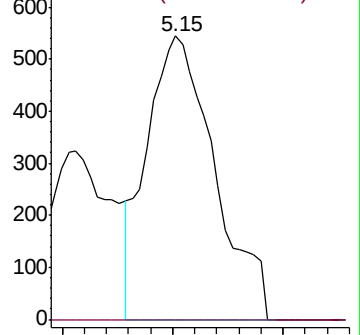
Ion Ratio Lower Upper

62 100

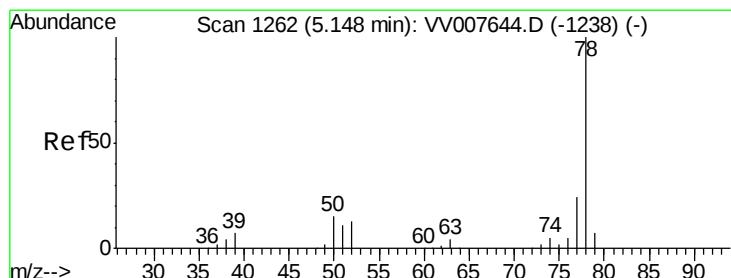
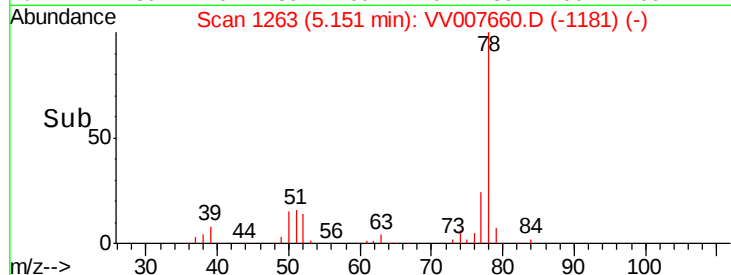
98 0.0 7.5 11.3#



Abundance Ion 62.00 (61.70 to 62.70): VV007644.D (-1255) (-)



Time-->



#33

Benzene

Concen: 4.882 ug/L

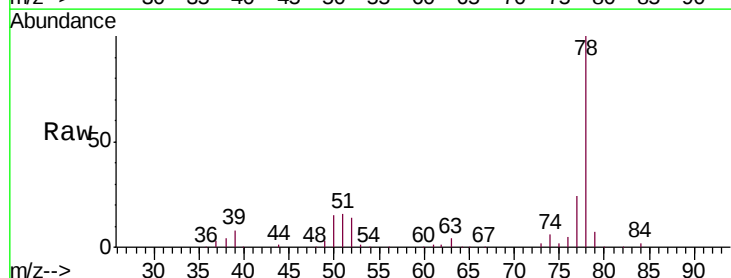
RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

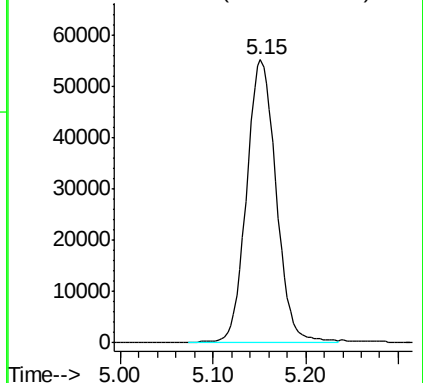
Lab File: VV007660.D

Acq: 20 Sep 2018 17:16

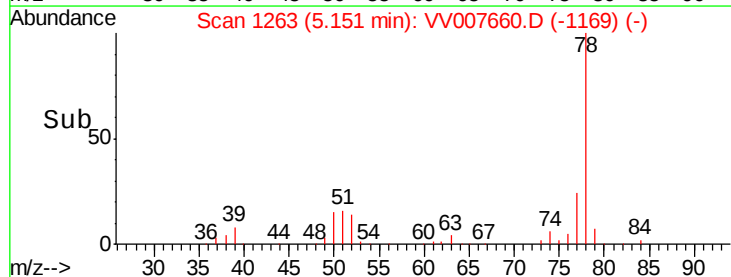
Tgt Ion: 78 Resp: 122859

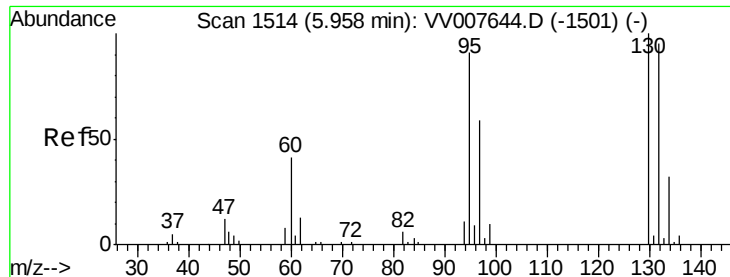


Abundance Ion 78.10 (77.80 to 78.80): VV007644.D (-1238) (-)



Time-->





#34

Trichloroethene

Concen: 4.898 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007660.D

Acq: 20 Sep 2018 17:16

Instrument :

MSVOA_V

ClientSampleId :

A3ZE1MSD

Tgt Ion: 95 Resp: 36260

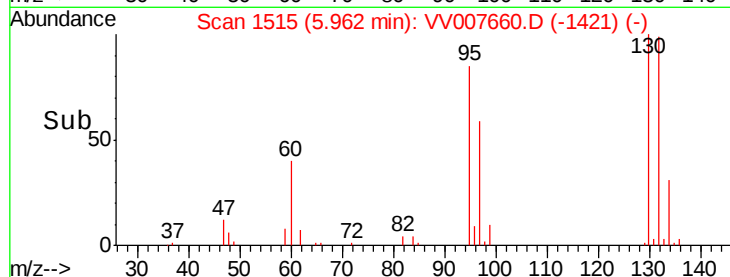
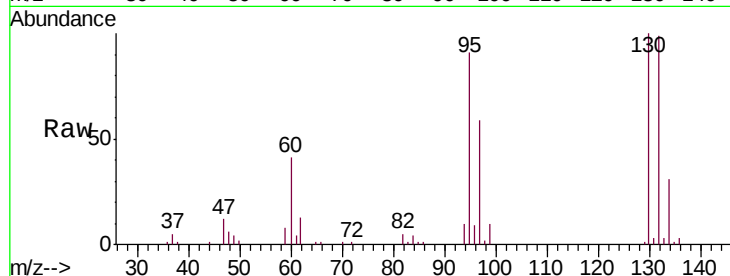
Ion Ratio Lower Upper

95 100

97 64.6 45.1 83.9

132 108.8 78.2 145.2

130 109.6 78.8 146.3

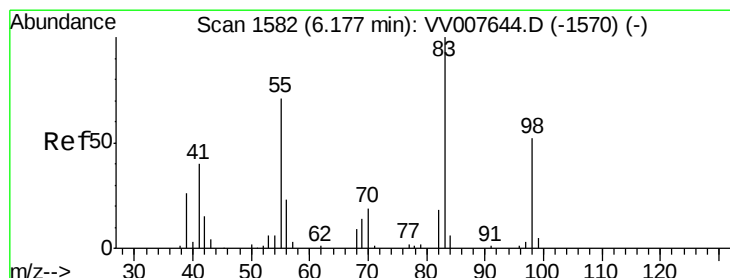
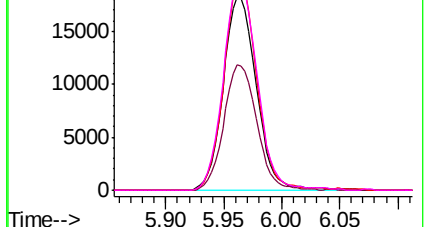


Abundance Ion 95.00 (94.70 to 95.70): VV007660.D (-1421) (-)

Ion 96.95 (96.65 to 97.65): VV007660.D (-1421) (-)

Ion 131.95 (131.65 to 132.65): VV007660.D (-1421) (-)

Ion 129.95 (129.65 to 130.65): VV007660.D (-1421) (-)



#35

Methylcyclohexane

Concen: 0.627 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV007660.D

Acq: 20 Sep 2018 17:16

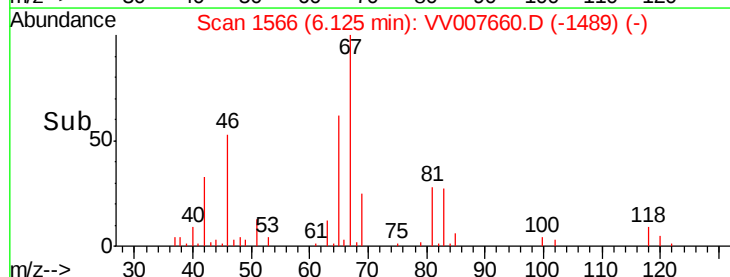
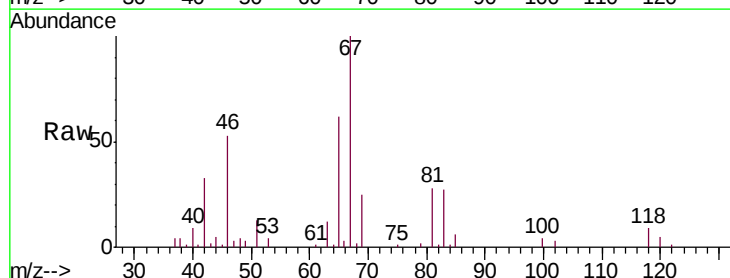
Tgt Ion: 83 Resp: 7164

Ion Ratio Lower Upper

83 100

55 0.0 54.8 82.2#

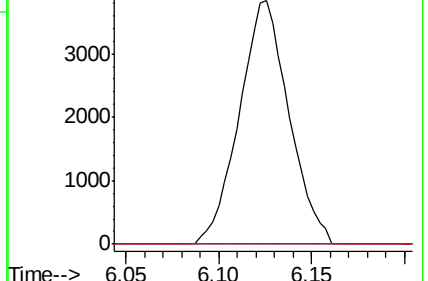
98 0.0 40.7 61.1#

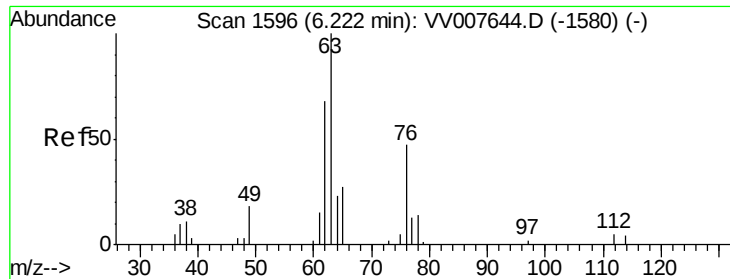


Abundance Ion 83.15 (82.85 to 83.85): VV007660.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV007660.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV007660.D (-1489) (-)

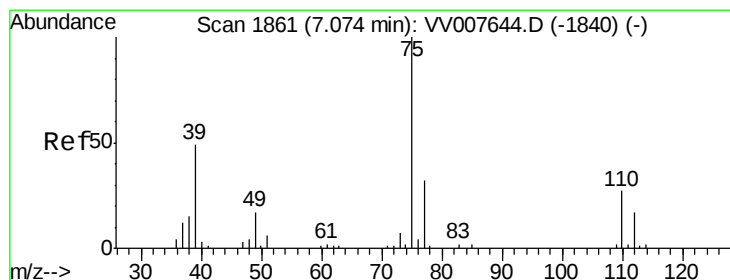
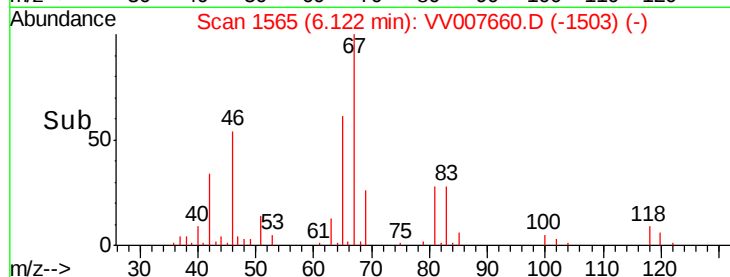
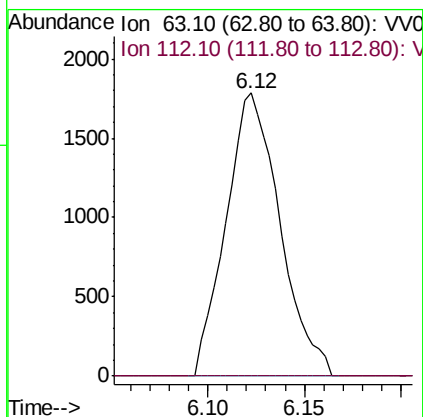
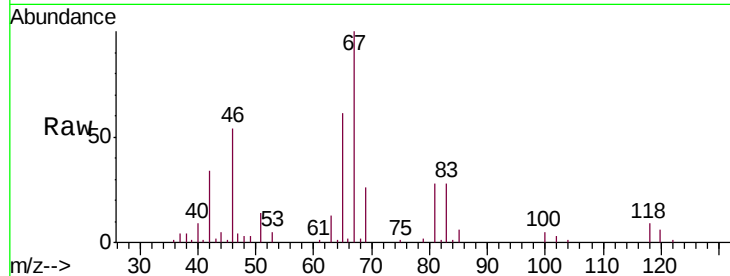




#37
 1,2-Dichloropropane
 Concen: 0.569 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV007660.D
 Acq: 20 Sep 2018 17:16

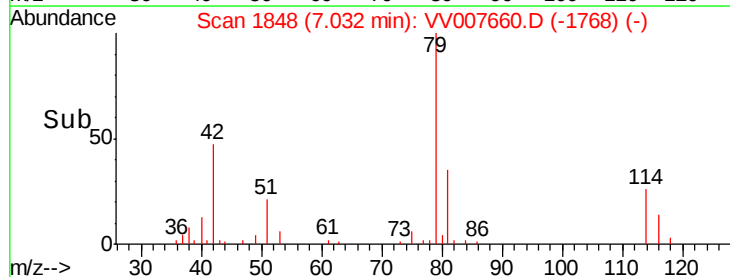
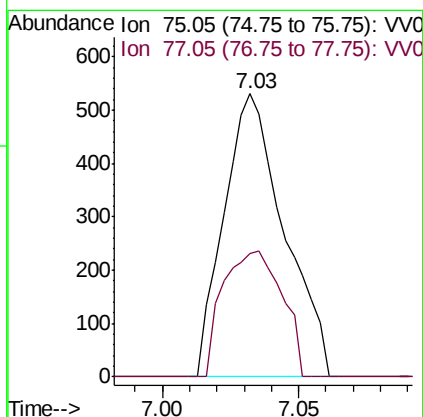
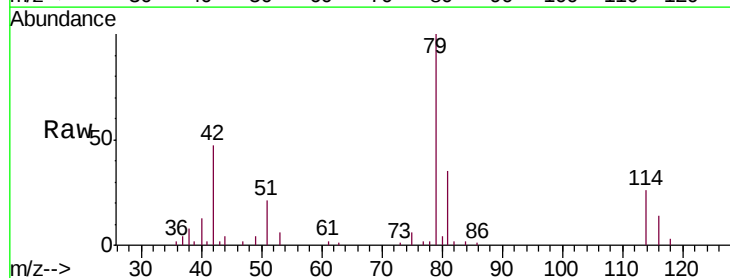
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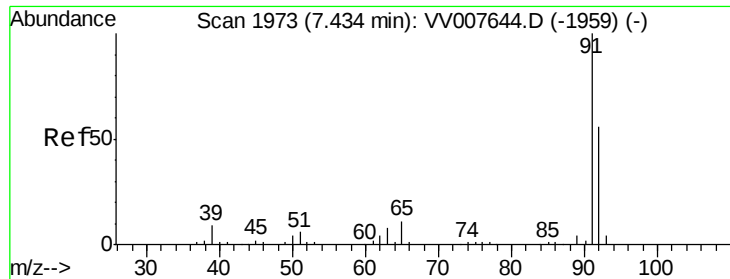
Tgt Ion: 63 Resp: 3459
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007660.D
 Acq: 20 Sep 2018 17:16

Tgt Ion: 75 Resp: 814
 Ion Ratio Lower Upper
 75 100
 77 43.5 22.7 42.3#





#42

Toluene

Concen: 4.982 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV007660.D

Acq: 20 Sep 2018 17:16

Instrument :

MSVOA_V

ClientSampleId :

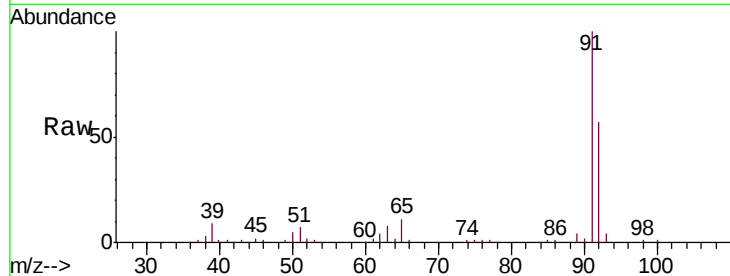
A3ZE1MSD

Tgt Ion: 91 Resp: 142804

Ion Ratio Lower Upper

91 100

92 56.6 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VV007660.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV007660.D (-1959) (-)

7.43

80000

60000

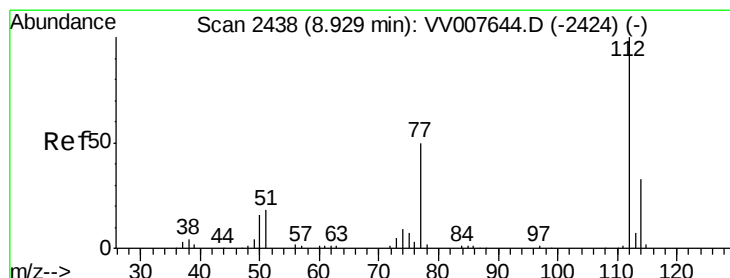
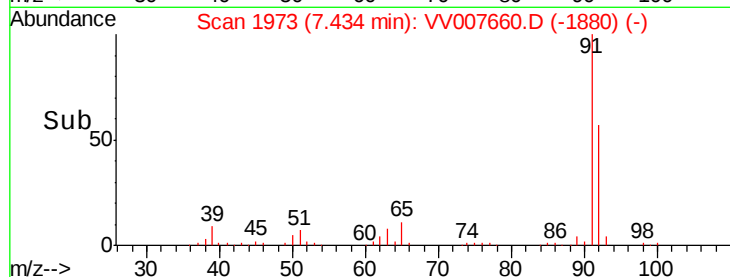
40000

20000

0

Time-->

7.30 7.40 7.50 7.60



#51

Chlorobenzene

Concen: 4.926 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007660.D

Acq: 20 Sep 2018 17:16

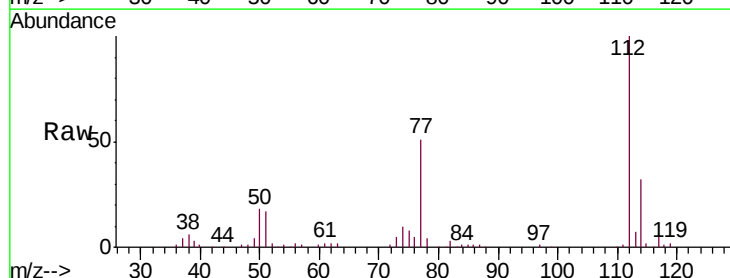
Tgt Ion: 112 Resp: 97909

Ion Ratio Lower Upper

112 100

114 31.6 21.5 39.9

77 50.9 40.8 61.2



Abundance Ion 112.10 (111.80 to 112.80): VV007660.D (-2424) (-)

Ion 114.05 (113.75 to 114.75): VV007660.D (-2424) (-)

Ion 77.10 (76.80 to 77.80): VV007660.D (-2424) (-)

8.93

80000

60000

40000

20000

0

Time-->

8.85 8.90 8.95 9.00 9.05

