

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008011.D
 Acq On : 01 Oct 2018 22:48
 Operator : SY/MD
 Sample : J5159-15MS
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GACA0MS

Quant Time: Oct 02 04:19:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	91300	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87386	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42756	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24724	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.59	69	21284	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.14	63	52333	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	3.97	46	68786	46.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.44%
24) Chloroform-d	4.41	84	53630	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.09	65	29134	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.10	84	105069	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.12	67	32938	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	99853	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloropropene-	7.67	79	11283	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	50227	44.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23297	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	40771	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

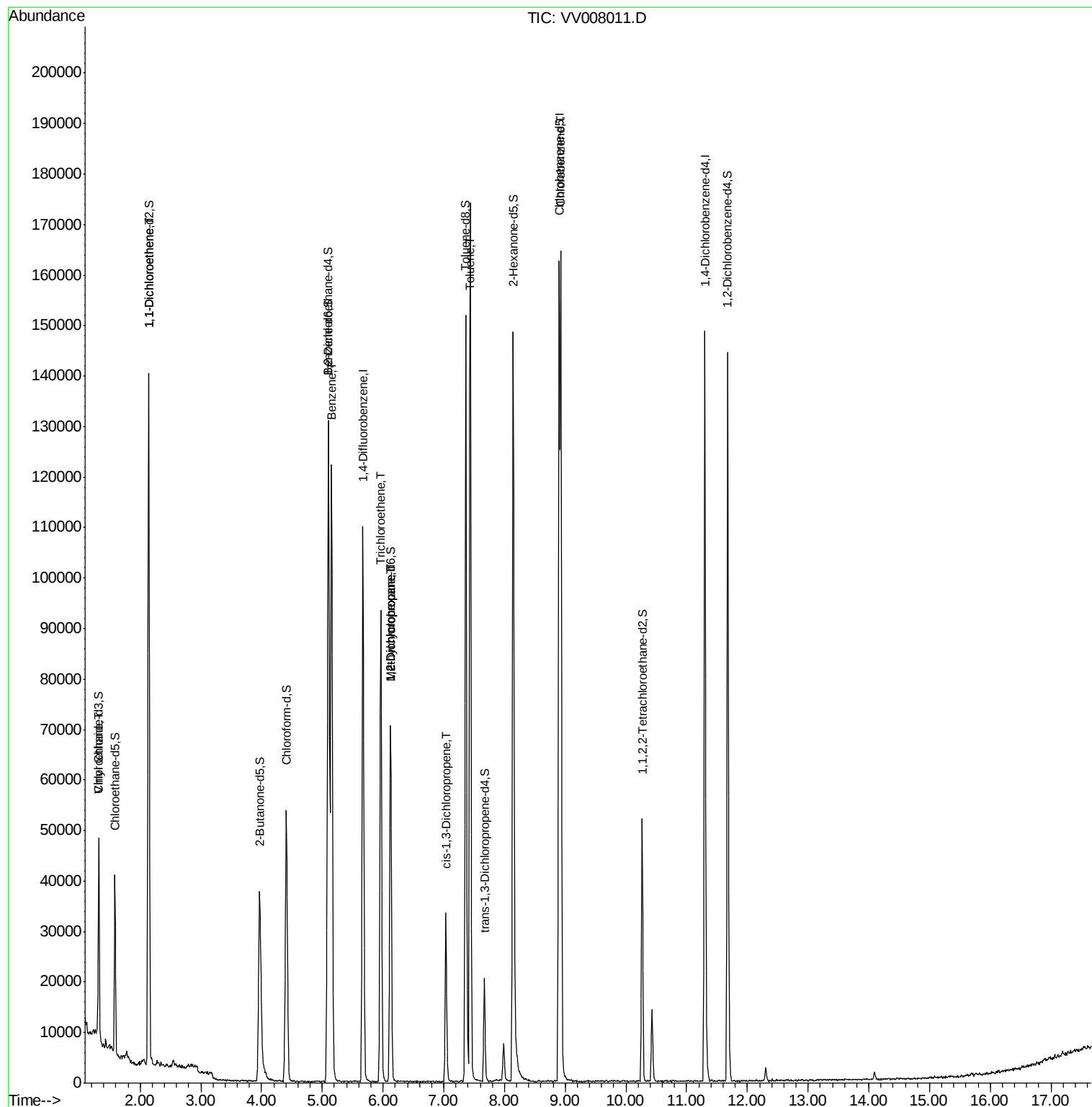
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	434	0.099	ug/L #	1
12) 1,1-Dichloroethene	2.14	96	26389	4.373	ug/L	95
33) Benzene	5.15	78	117035	4.677	ug/L	100
34) Trichloroethene	5.96	95	30981	4.324	ug/L	94
35) Methylcyclohexane	6.12	83	8388	0.781	ug/L #	21
37) 1,2-Dichloropropane	6.12	63	3861	0.604	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	888	0.104	ug/L #	57
42) Toluene	7.43	91	124837	4.581	ug/L	97
51) Chlorobenzene	8.93	112	85573	4.546	ug/L	99

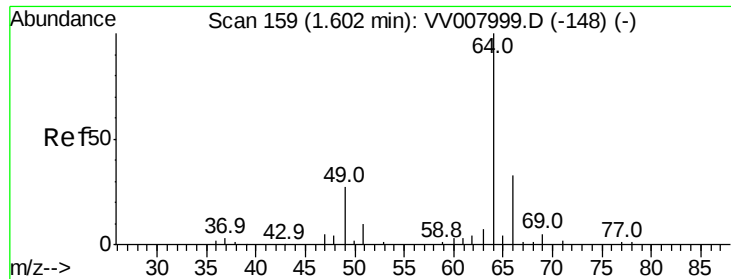
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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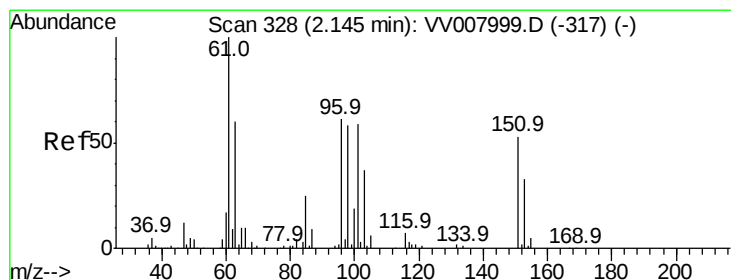
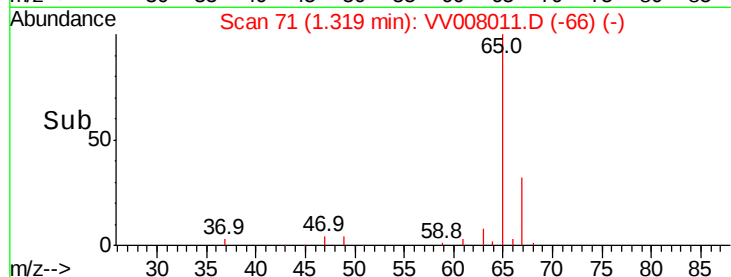
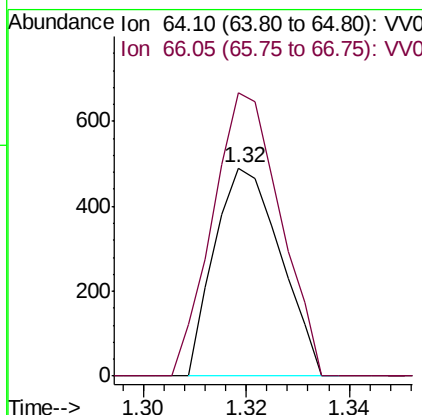
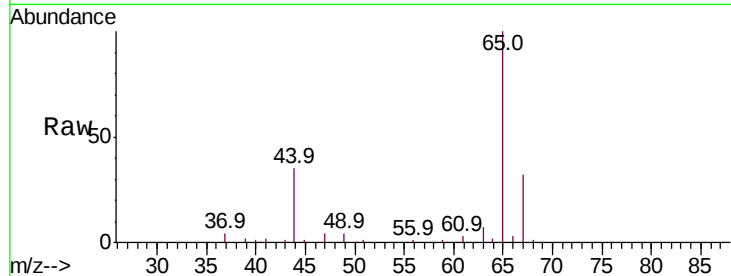




#8
Chloroethane
Concen: 0.099 ug/L
RT: 1.32 min Scan# 71
Delta R.T. -0.28 min
Lab File: VV008011.D
Acq: 01 Oct 2018 22:48

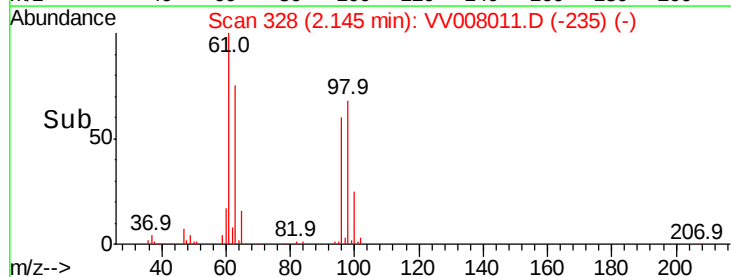
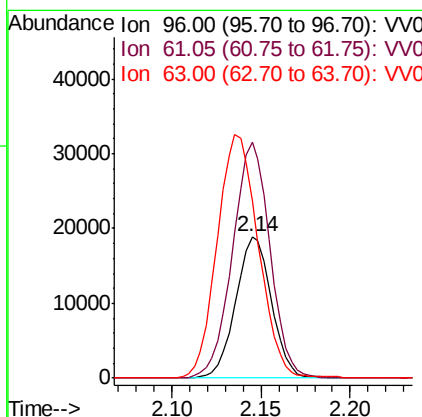
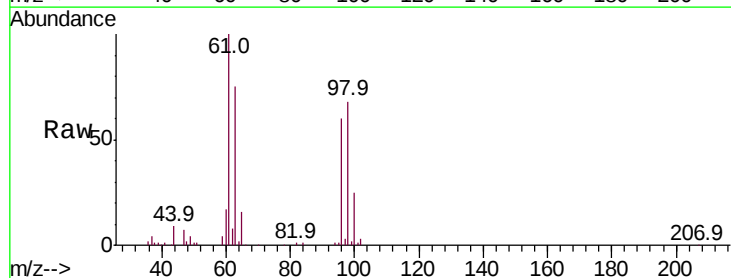
Instrument :
MSVOA_V
ClientSampleId :
GACA0MS

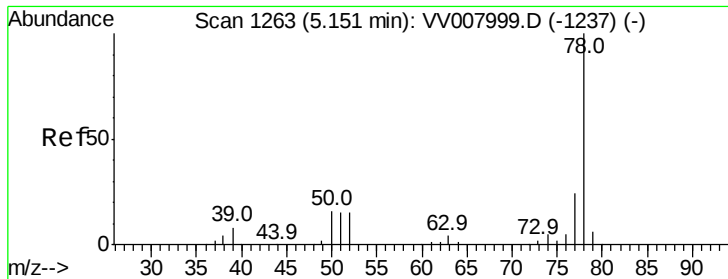
Tot Ion: 64 Resp: 434
Ion Ratio Lower Upper
64 100
66 136.1 23.1 42.9#



#12
1,1-Dichloroethene
Concen: 4.373 ug/L
RT: 2.14 min Scan# 328
Delta R.T. -0.00 min
Lab File: VV008011.D
Acq: 01 Oct 2018 22:48

Tgt Ion: 96 Resp: 26389
Ion Ratio Lower Upper
96 100
61 166.7 114.1 211.9
63 125.1 81.5 151.3

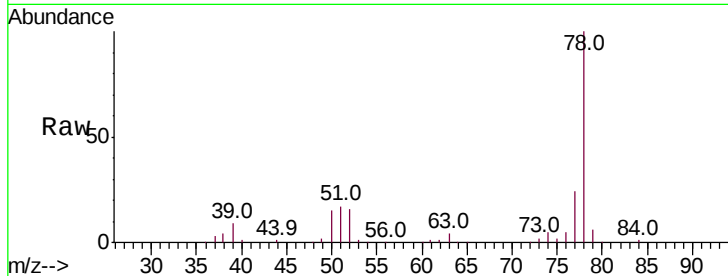




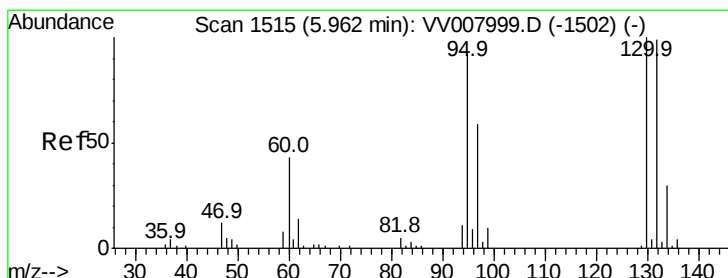
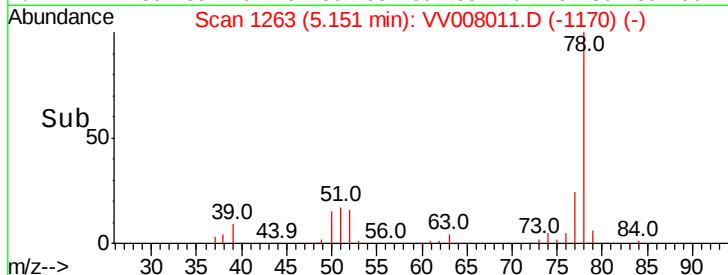
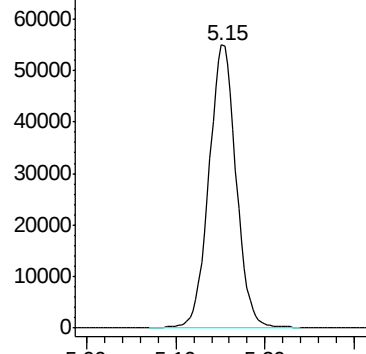
#33
Benzene
Concen: 4.677 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VV008011.D
Acq: 01 Oct 2018 22:48

Instrument :
MSVOA_V
ClientSampleId :
GACA0MS

Tgt Ion: 78 Resp: 117035

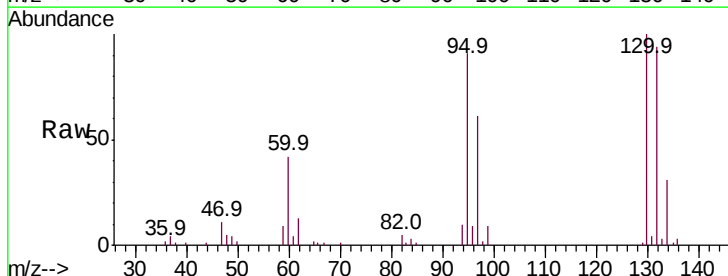


Abundance Ion 78.10 (77.80 to 78.80): VV0



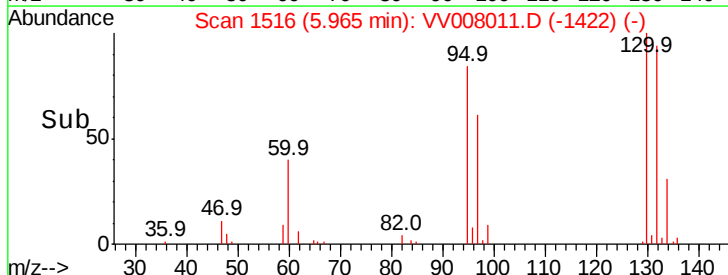
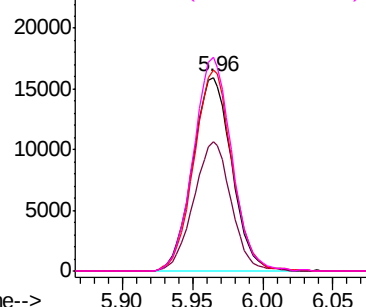
#34
Trichloroethene
Concen: 4.324 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008011.D
Acq: 01 Oct 2018 22:48

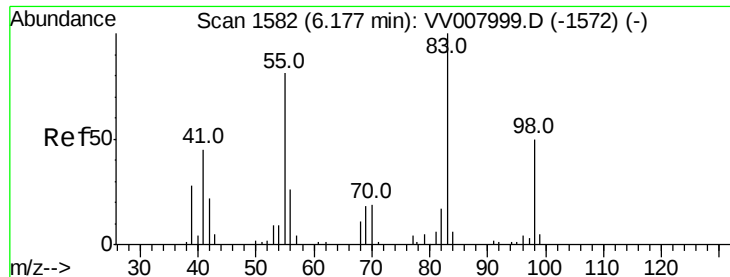
Tgt Ion: 95 Resp: 30981
Ion Ratio Lower Upper
95 100
97 66.8 43.6 81.0
132 104.1 69.9 129.9
130 110.3 71.7 133.3



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

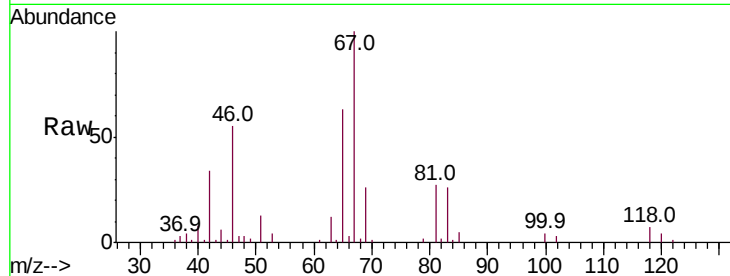




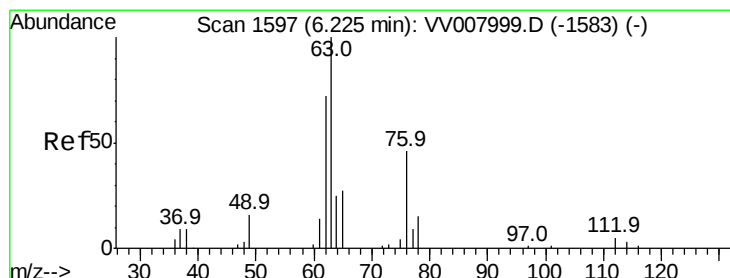
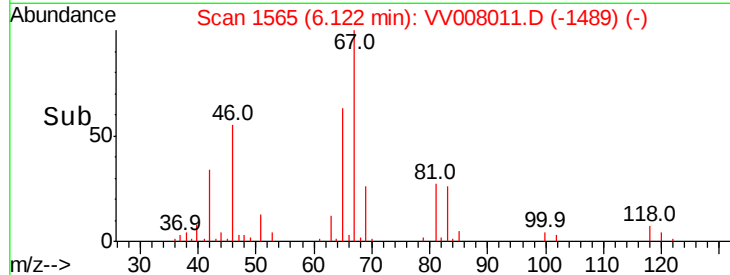
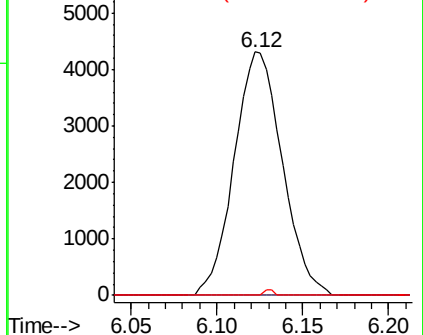
#35
Methvlcvclohexane
Concen: 0.781 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008011.D
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Tot Ion: 83 Resp: 8388
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 5.1 38.0 57.0#

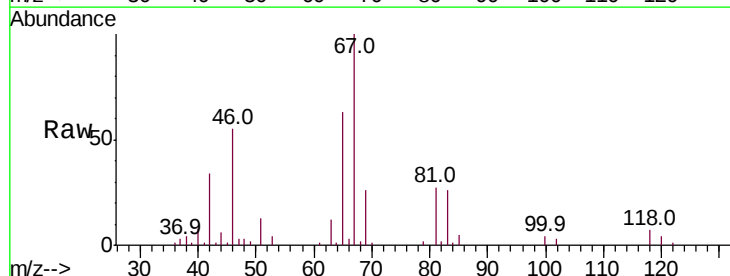


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

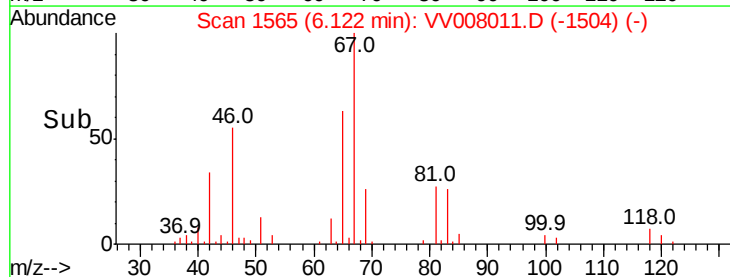
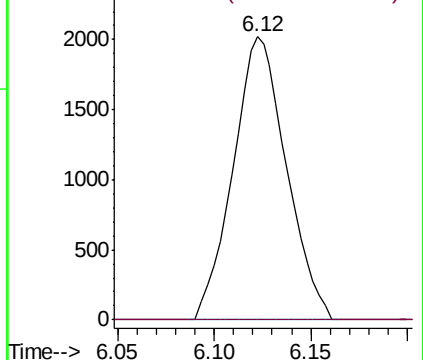


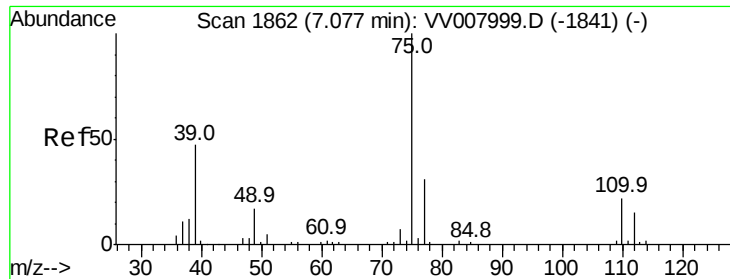
#37
1,2-Dichloropropane
Concen: 0.604 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008011.D
Acq: 01 Oct 2018 22:48

Tgt Ion: 63 Resp: 3861
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008011.D

Acq: 01 Oct 2018 22:48

Instrument :

MSVOA_V

ClientSampleId :

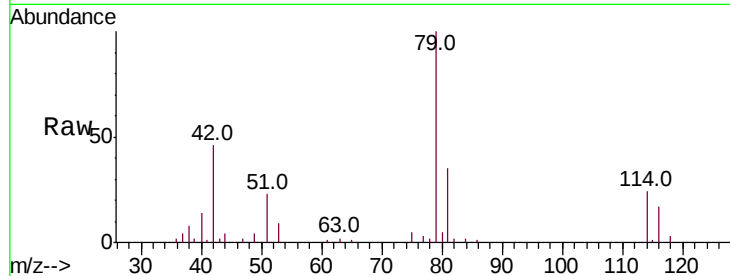
GACA0MS

Tot Ion: 75 Resp: 888

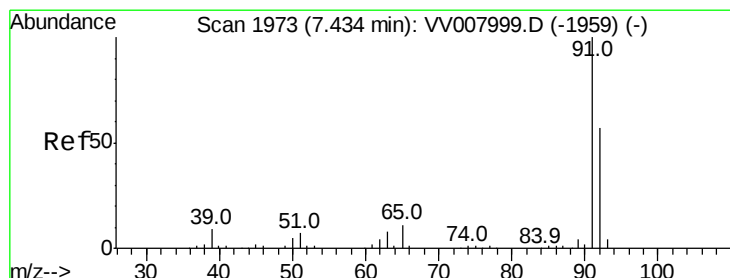
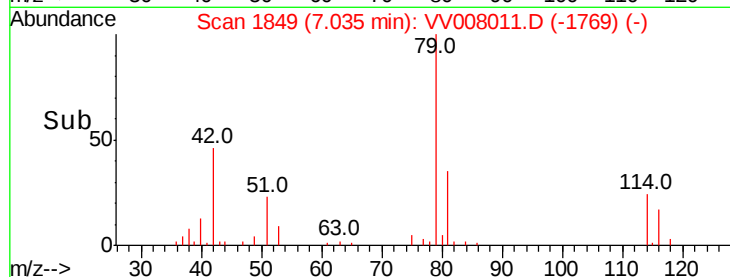
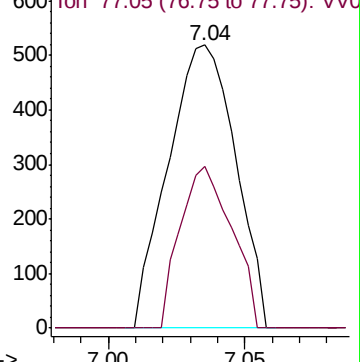
Ion Ratio Lower Upper

75 100

77 57.0 22.9 42.5#



Abundance Ion 75.05 (74.75 to 75.75): VV007999.D (-1841) (-)



#42

Toluene

Concen: 4.581 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV008011.D

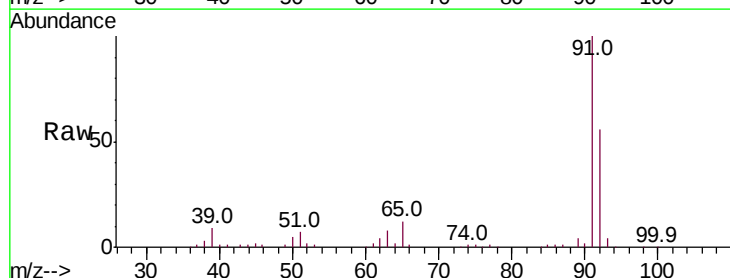
Acq: 01 Oct 2018 22:48

Tgt Ion: 91 Resp: 124837

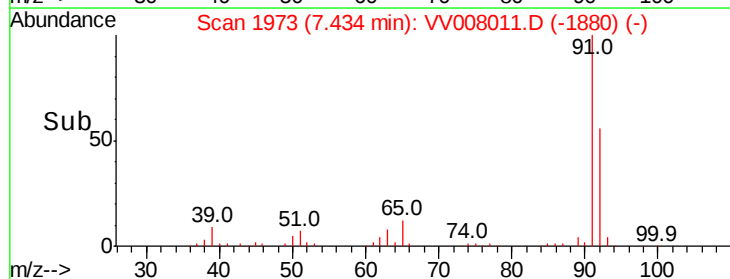
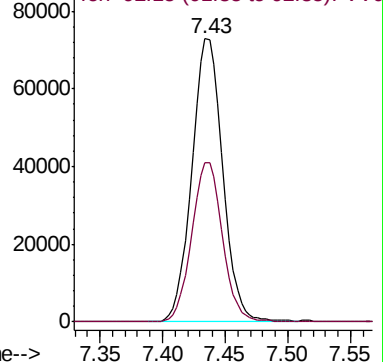
Ion Ratio Lower Upper

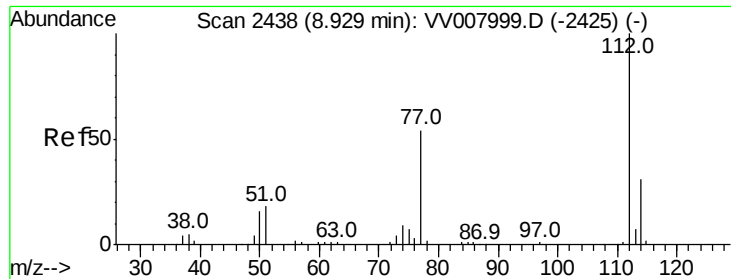
91 100

92 56.3 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV007999.D (-1959) (-)





#51

Chlorobenzene

Concen: 4.546 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. -0.00 min

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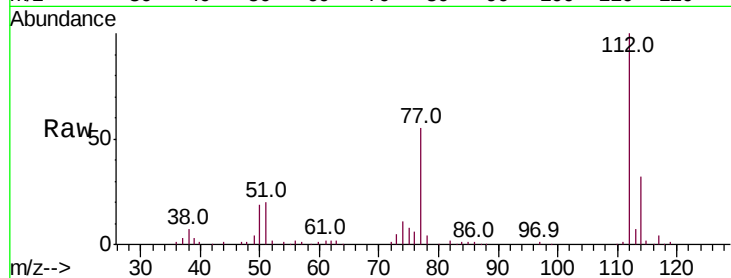
Tot Ion:112 Resp: 85573

Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 55.5 45.0 67.6



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

