

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008012.D
 Acq On : 01 Oct 2018 23:16
 Operator : SY/MD
 Sample : J5159-16MSD
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GACA0MSD

Quant Time: Oct 02 04:19:26 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	91951	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87005	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41907	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24337	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.59	69	20767	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	50734	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	3.98	46	67388	45.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.90%
24) Chloroform-d	4.41	84	51759	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	28954	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	101708	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	31862	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	95114	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.67	79	10580	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.14	63	49109	43.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22317	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	38980	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

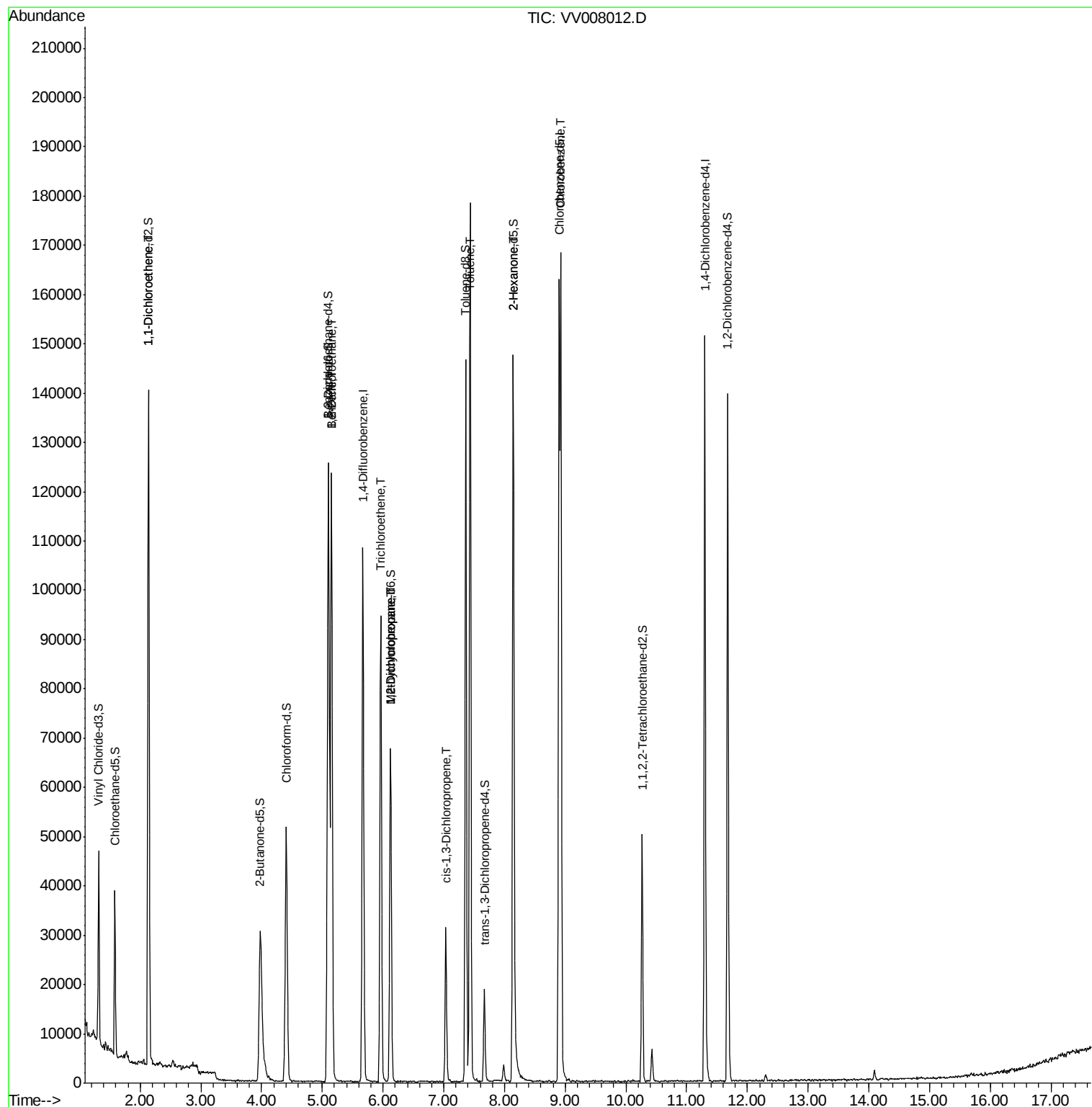
					Ovalue
12) 1,1-Dichloroethene	2.14	96	27567	4.536	ug/L 96
27) 1,2-Dichloroethane	5.15	62	1202	0.151	ug/L # 77
33) Benzene	5.15	78	118595	4.760	ug/L 100
34) Trichloroethene	5.96	95	31433	4.406	ug/L 99
35) Methylcyclohexane	6.13	83	7834	0.732	ug/L # 18
37) 1,2-Dichloropropane	6.13	63	3592	0.564	ug/L # 87
39) cis-1,3-Dichloropropene	7.04	75	791	0.093	ug/L # 77
42) Toluene	7.43	91	127148	4.686	ug/L 97
48) 2-Hexanone	8.14	43	7237	2.605	ug/L # 74
51) Chlorobenzene	8.93	112	86571	4.619	ug/L 99

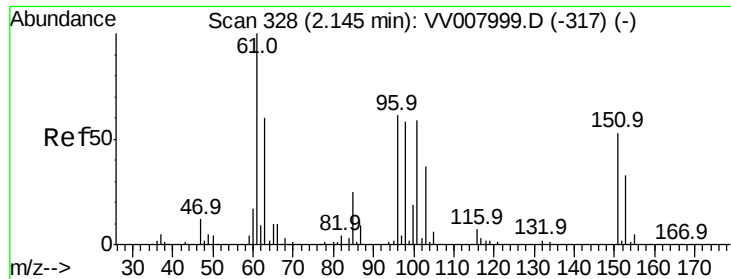
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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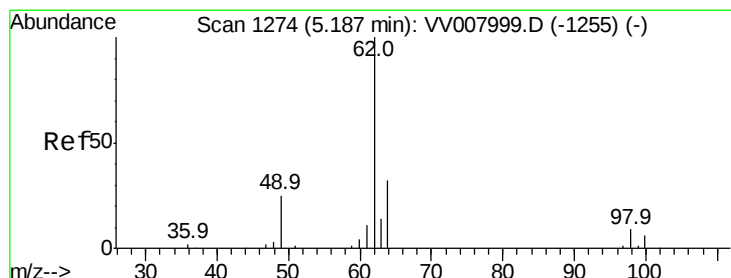
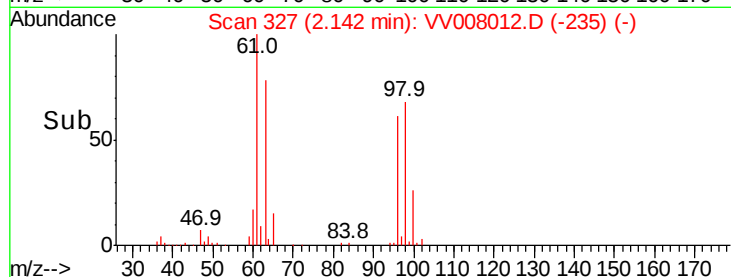
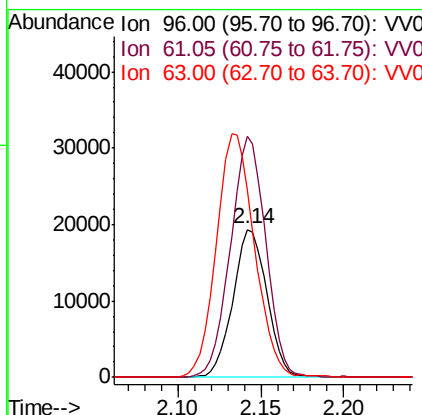
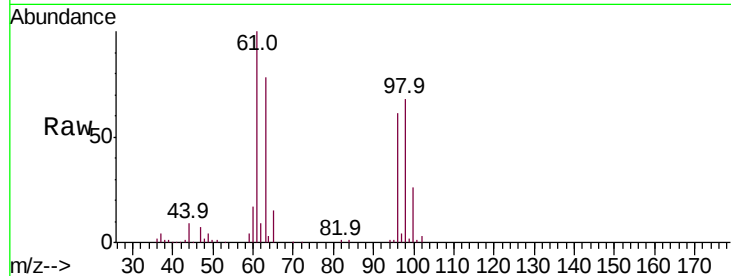




#12
 1,1-Dichloroethene
 Concen: 4.536 ug/L
 RT: 2.14 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VV008012.D
 Acq: 01 Oct 2018 23:16

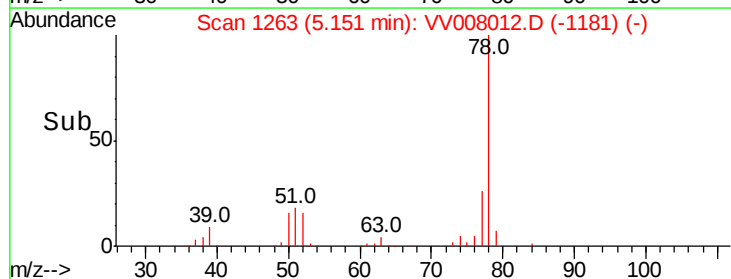
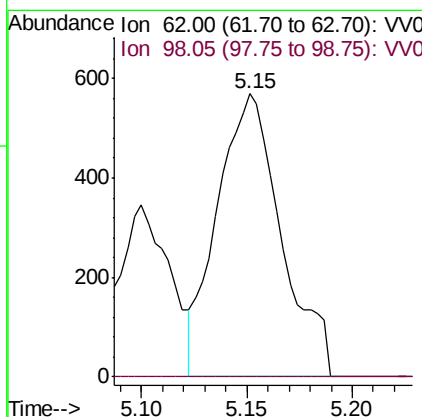
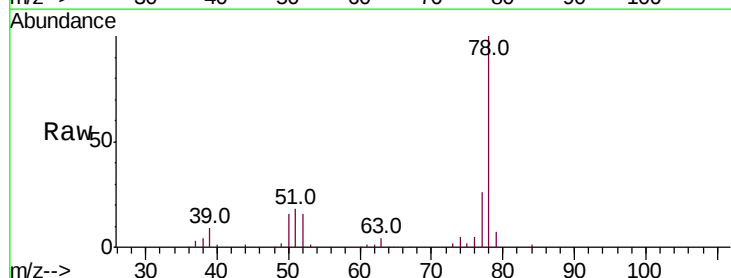
Instrument :
 MSVOA_V
 ClientSampleId :
 GACA0MSD

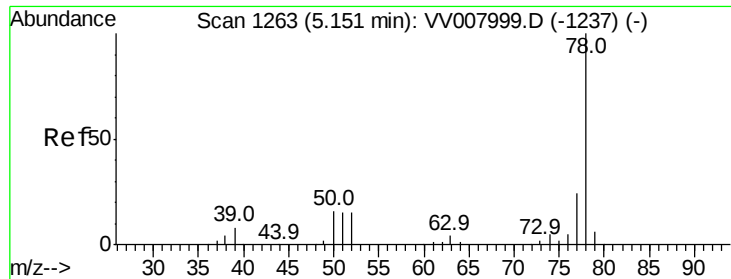
Tot Ion	Ratio	Lower	Upper
96	100		
61	162.8	114.1	211.9
63	126.3	81.5	151.3



#27
 1,2-Dichloroethane
 Concen: 0.151 ug/L
 RT: 5.15 min Scan# 1263
 Delta R.T. -0.04 min
 Lab File: VV008012.D
 Acq: 01 Oct 2018 23:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#





#33

Benzene

Concen: 4.760 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV008012.D

Acq: 01 Oct 2018 23:16

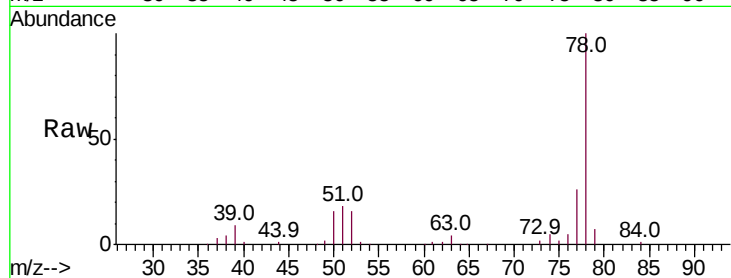
Instrument :

MSVOA_V

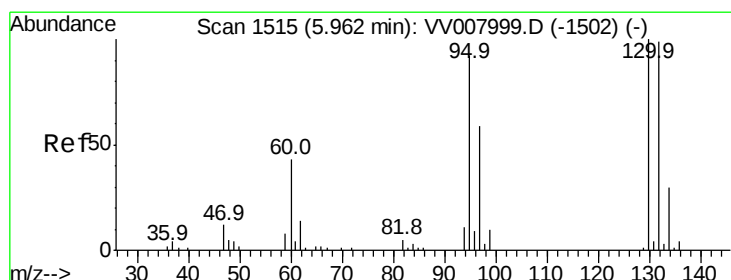
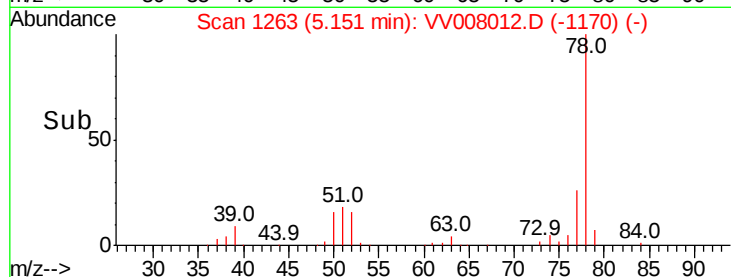
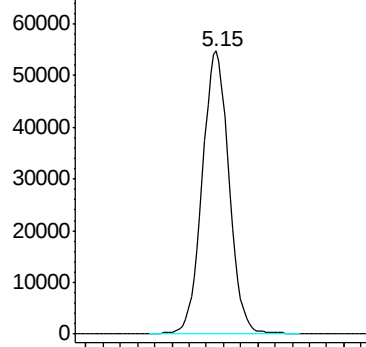
ClientSampleId :

GACA0MSD

Tgt Ion: 78 Resp: 118595



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.406 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008012.D

Acq: 01 Oct 2018 23:16

Tgt Ion: 95 Resp: 31433

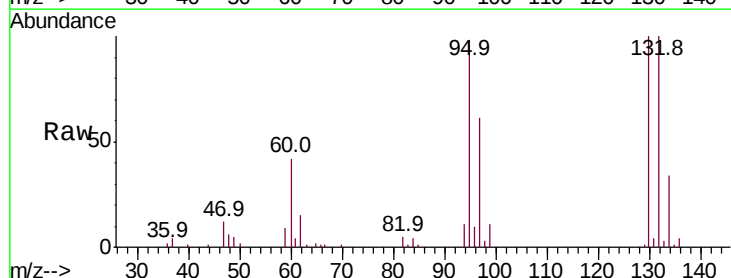
Ion	Ratio	Lower	Upper
95	100		
97	62.0	43.6	81.0
132	101.4	69.9	129.9
130	101.9	71.7	133.3

95 100

97 62.0 43.6 81.0

132 101.4 69.9 129.9

130 101.9 71.7 133.3

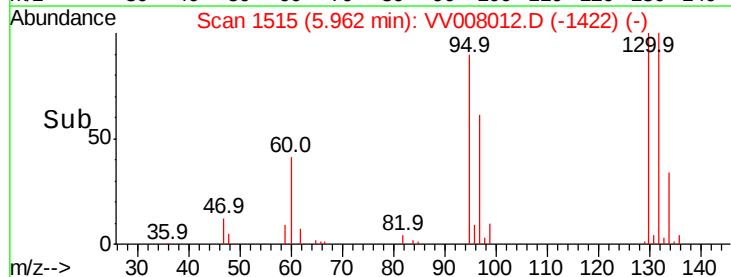


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

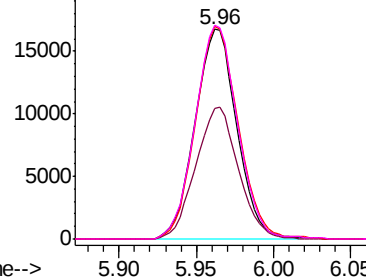


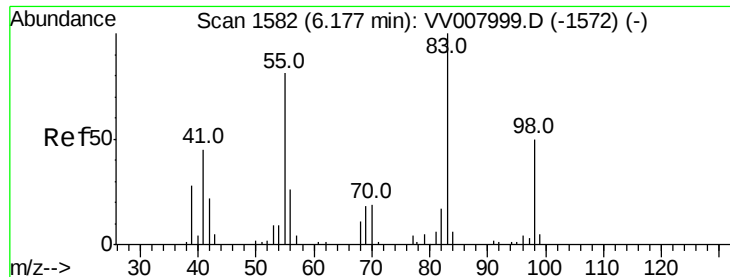
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

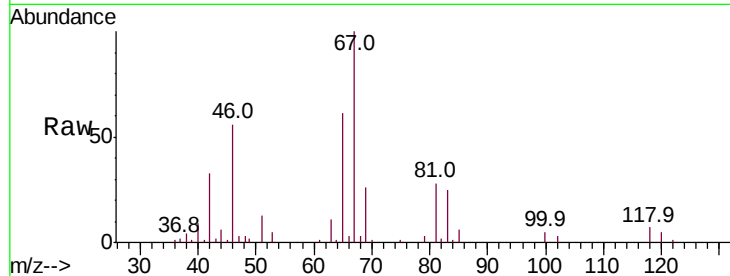




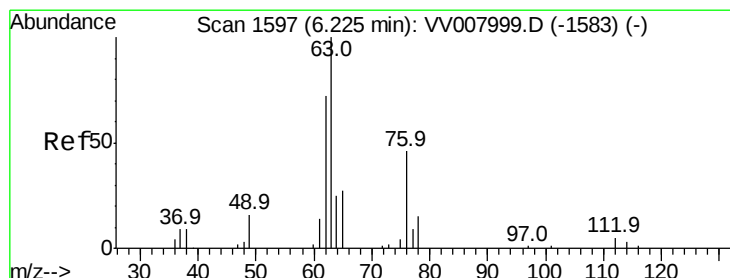
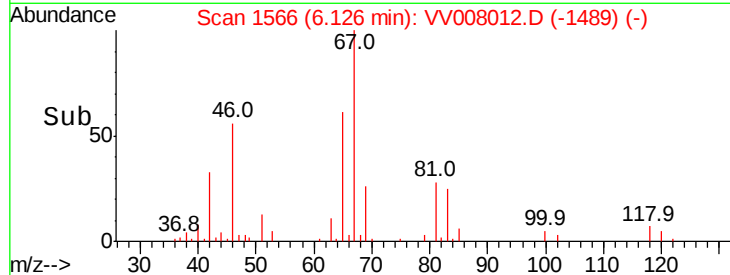
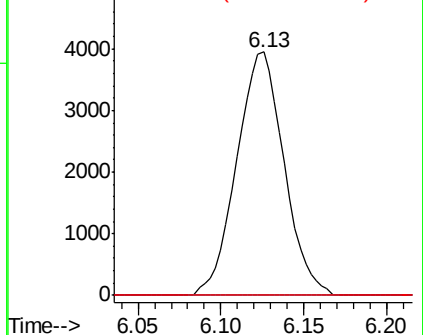
#35
Methvlcvclohexane
Concen: 0.732 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008012.D
Acq: 01 Oct 2018 23:16

Instrument :
MSVOA_V
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GACA0MSD

Tot Ion: 83 Resp: 7834
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.0 38.0 57.0#

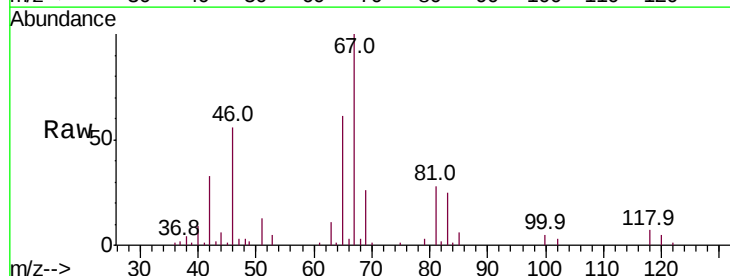


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

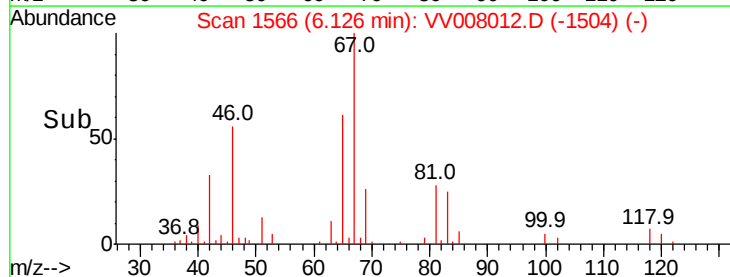
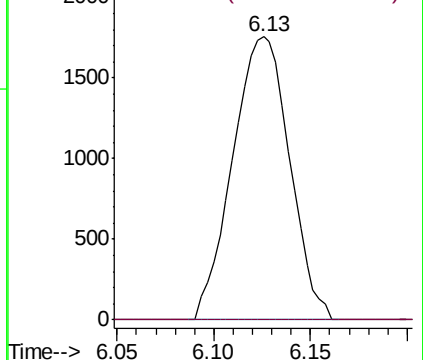


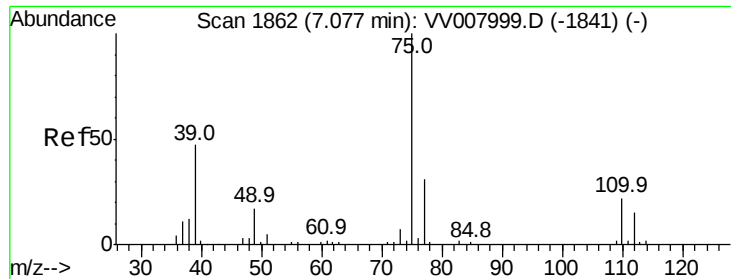
#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008012.D
Acq: 01 Oct 2018 23:16

Tgt Ion: 63 Resp: 3592
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: 0.093 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008012.D

Acq: 01 Oct 2018 23:16

Instrument :

MSVOA_V

ClientSampleId :

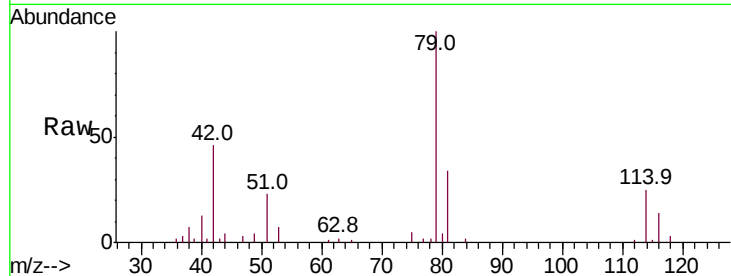
GACA0MSD

Tot Ion: 75 Resp: 791

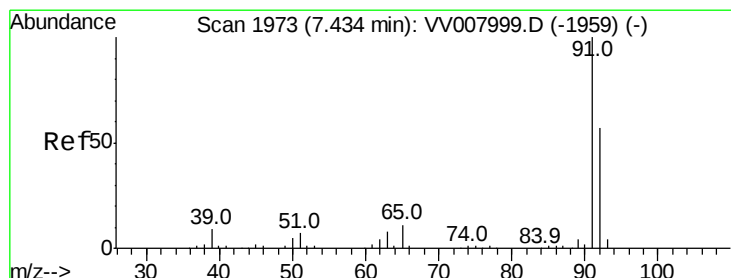
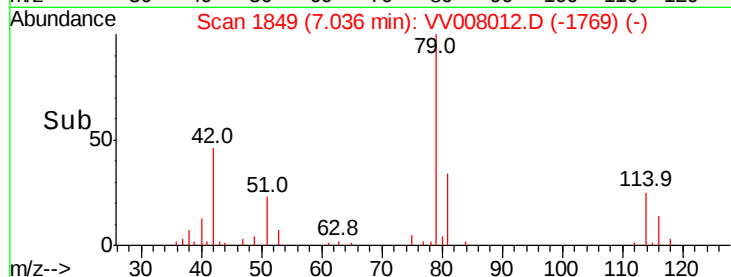
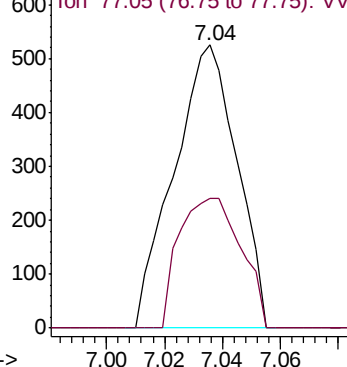
Ion Ratio Lower Upper

75 100

77 45.9 22.9 42.5#



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



#42

Toluene

Concen: 4.686 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008012.D

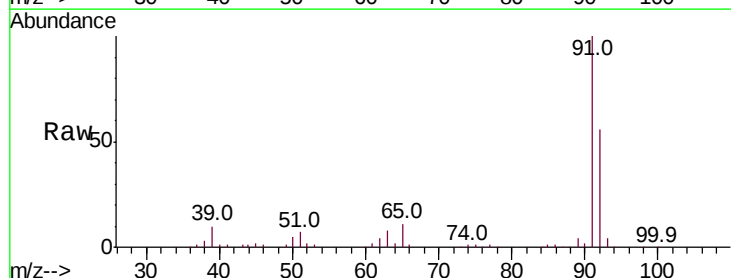
Acq: 01 Oct 2018 23:16

Tgt Ion: 91 Resp: 127148

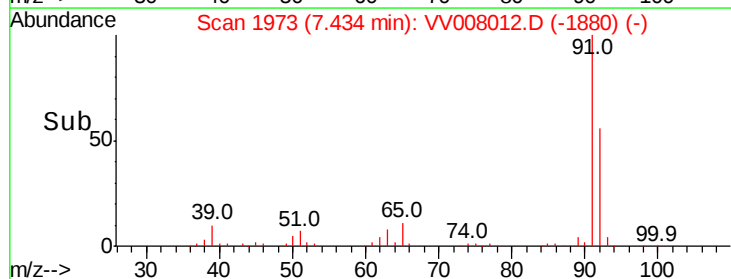
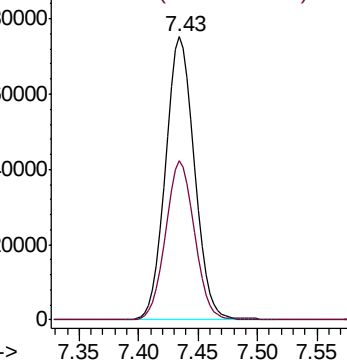
Ion Ratio Lower Upper

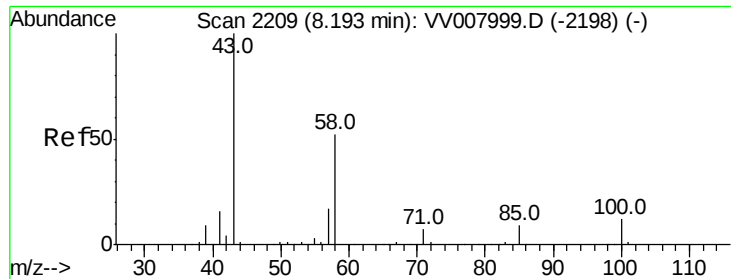
91 100

92 56.1 40.8 75.8



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

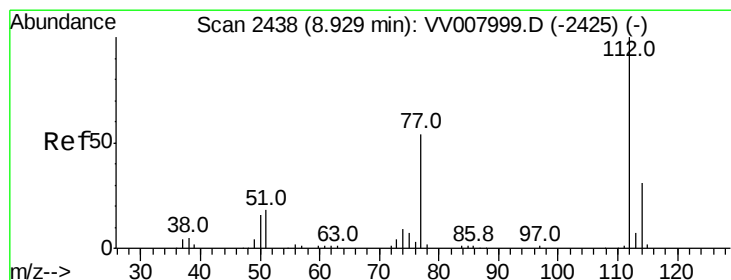
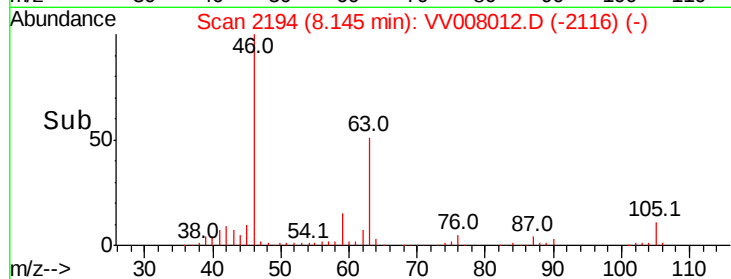
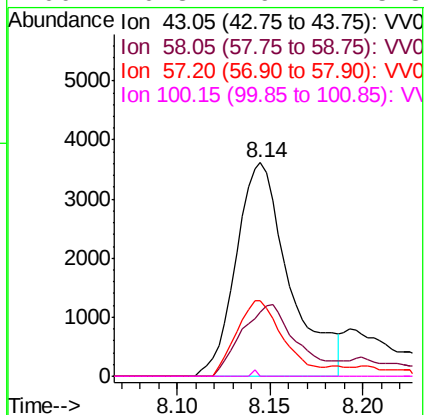
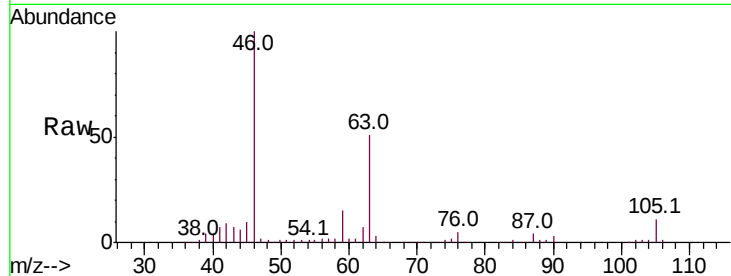




#48
2-Hexanone
Concen: 2.605 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.05 min
Lab File: VV008012.D
Acq: 01 Oct 2018 23:16

Instrument :
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GACA0MSD

Tot Ion:	43	Resp:	7237
Ion	Ratio	Lower	Upper
43	100		
58	36.1	41.9	62.9#
57	31.6	14.3	21.5#
100	0.3	9.2	13.8#



#51
Chlorobenzene
Concen: 4.619 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. 0.00 min
Lab File: VV008012.D
Acq: 01 Oct 2018 23:16

Tgt Ion:	112	Resp:	86571
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.4	41.6
77	57.2	45.0	67.6

