

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 :

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

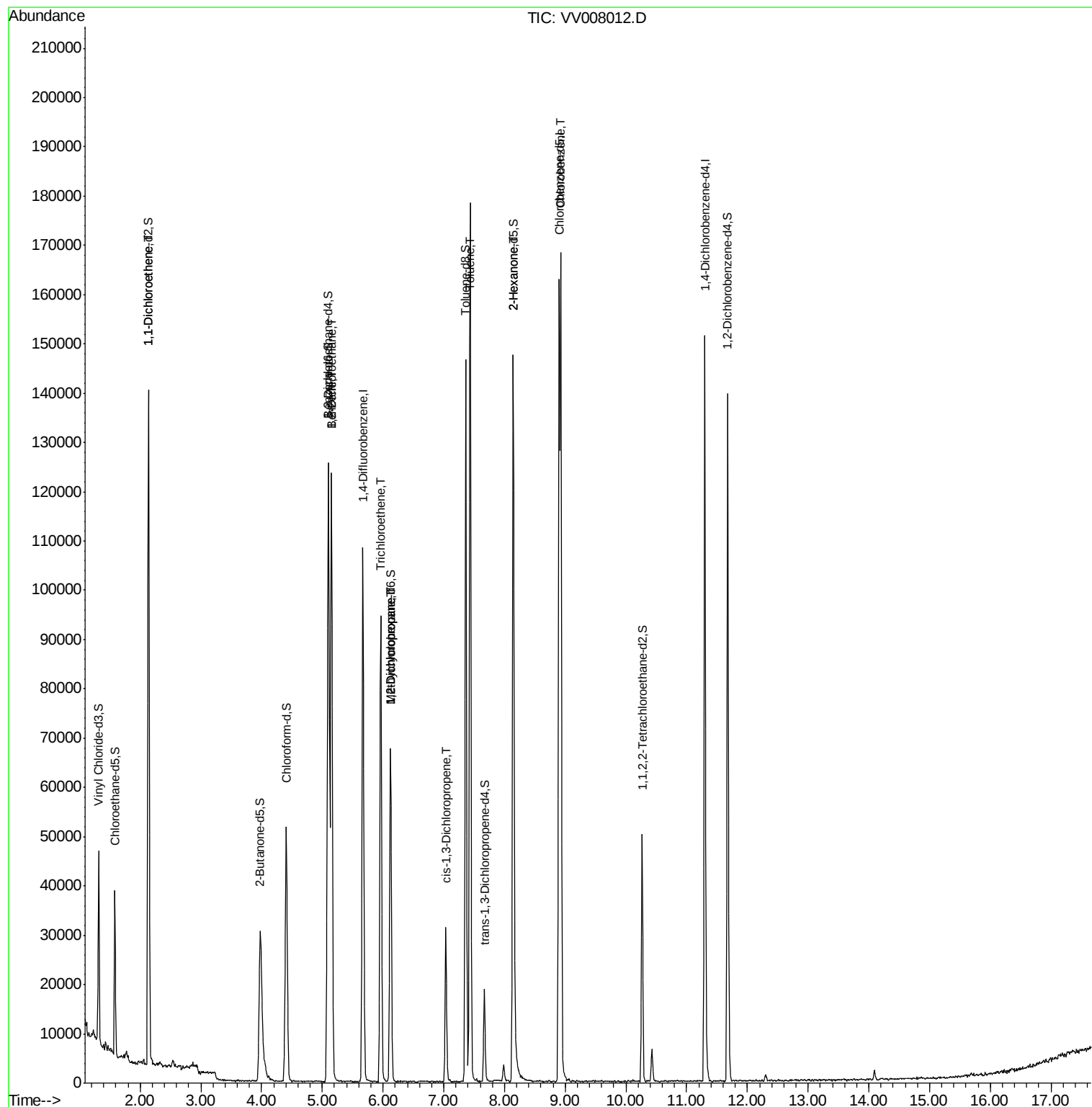
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	27567	4.536	ug/L	96
27) 1,2-Dichloroethane	5.15	62	1202	0.151	ug/L #	77
33) Benzene	5.15	78	118595	4.760	ug/L	100
34) Trichloroethene	5.96	95	31433	4.406	ug/L	99
35) Methylcyclohexane	6.13	83	7834	0.732	ug/L #	18
37) 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

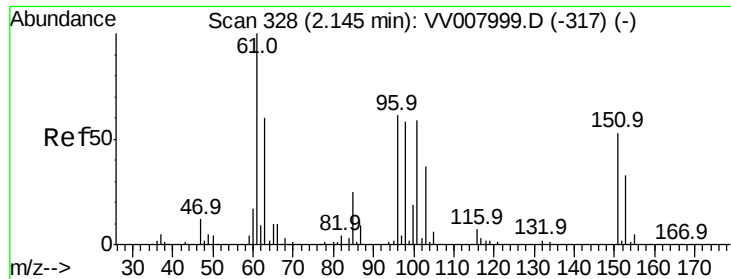
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 04:17:24 2018
Response via : Initial Calibration





#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
ClientSampled :

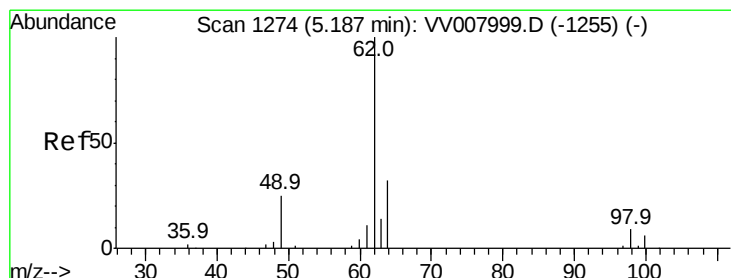
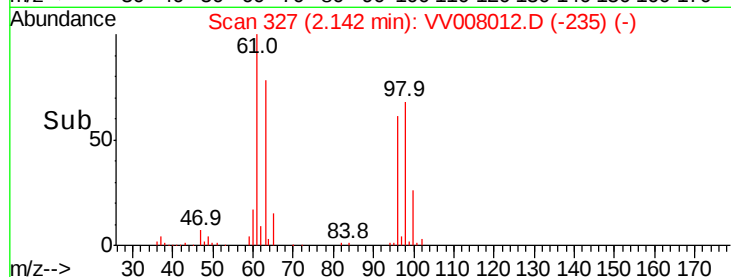
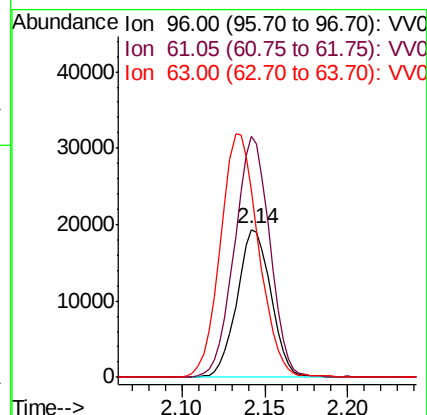
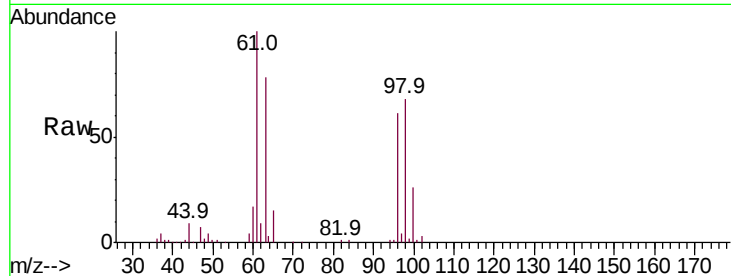
Tot Ion: 96 Resp: 27567

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

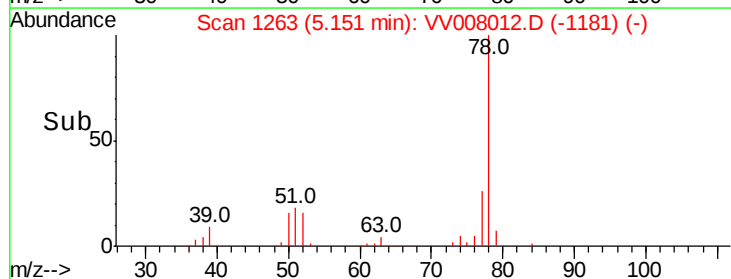
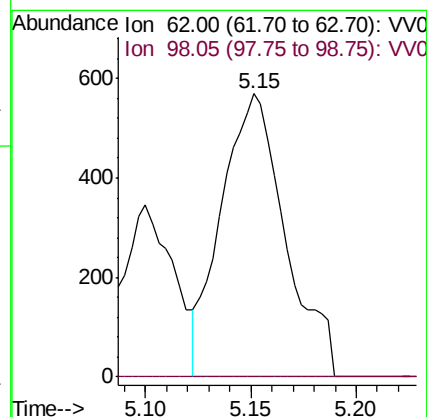
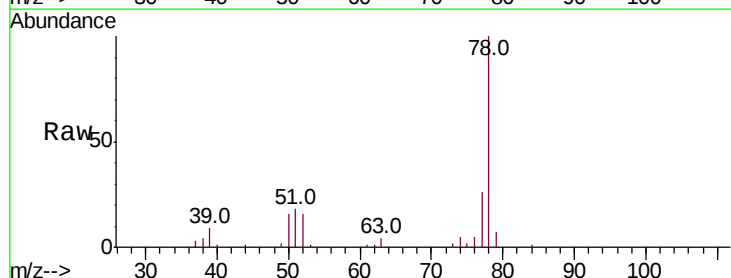
Acq: 01 Oct 2018 23:16

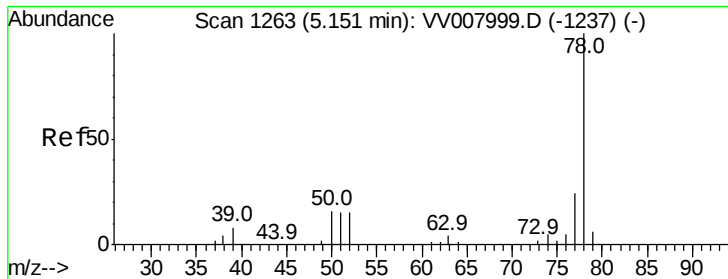
Tgt Ion: 62 Resp: 1202

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#

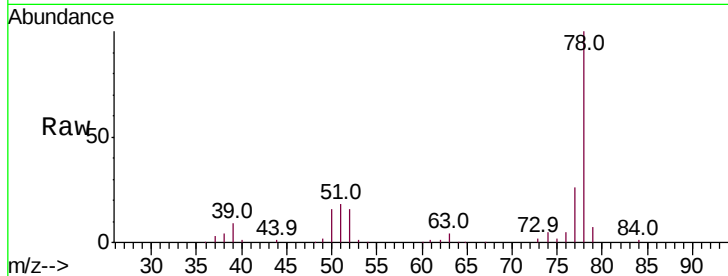




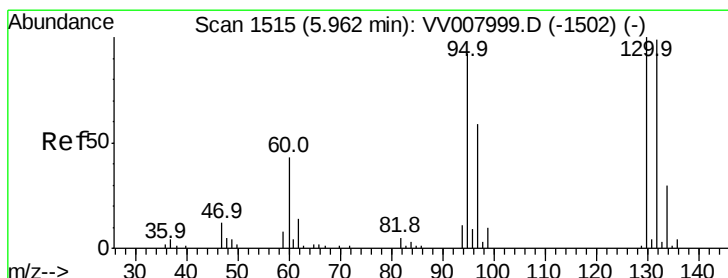
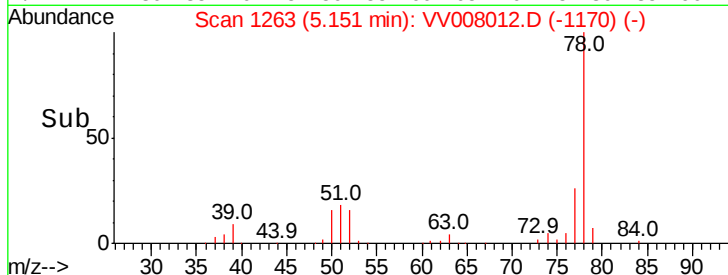
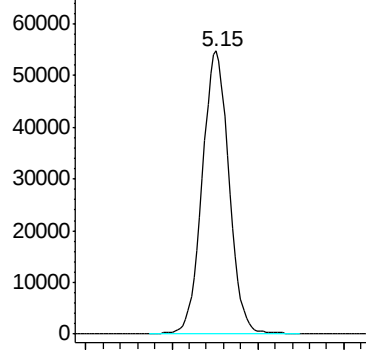
#33
Benzene
Concen: 4.760 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008012.D
Acq: 01 Oct 2018 23:16

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 118595



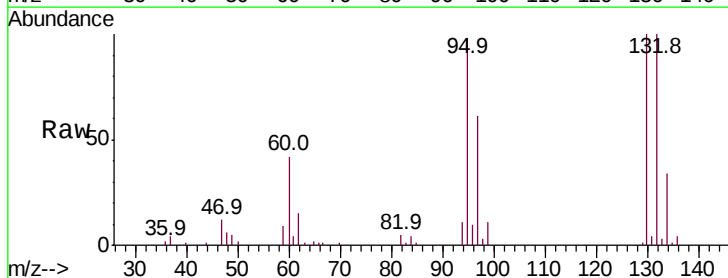
Abundance Ion 78.10 (77.80 to 78.80): VV0



#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

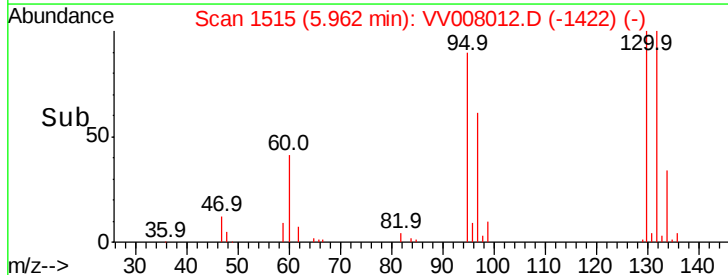
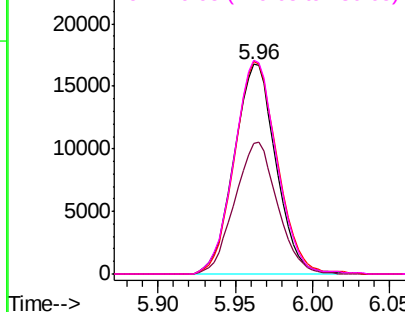
Tgt Ion: 95 Resp: 31433

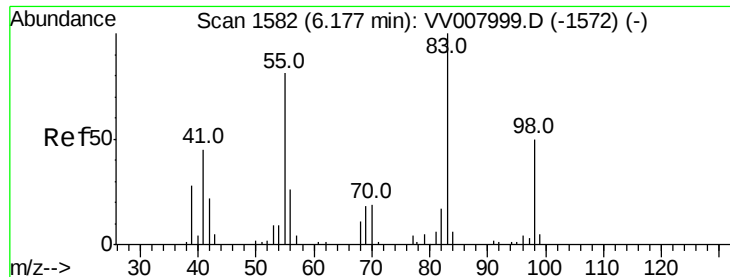
Ion	Ratio	Lower	Upper
95	100		
97	62.0	43.6	81.0
132	101.4	69.9	129.9
130	101.9	71.7	133.3



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

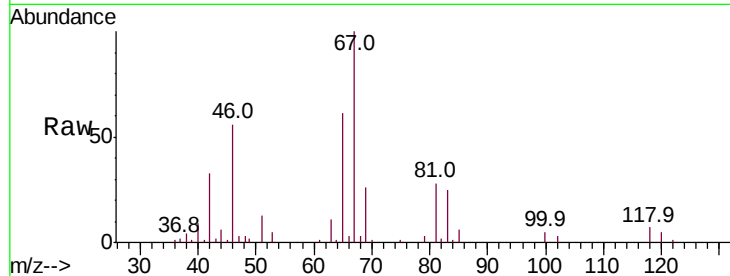




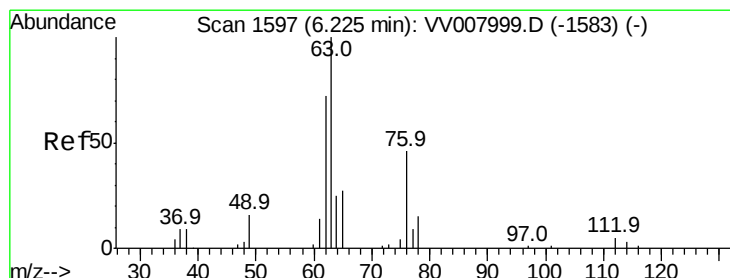
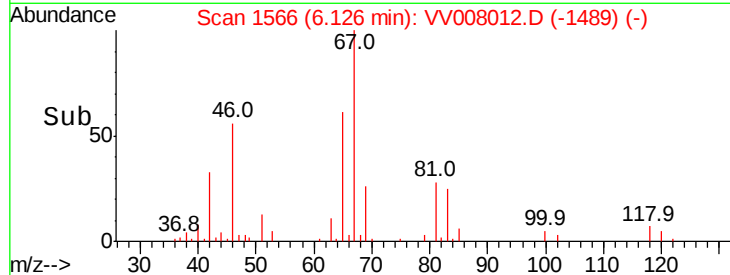
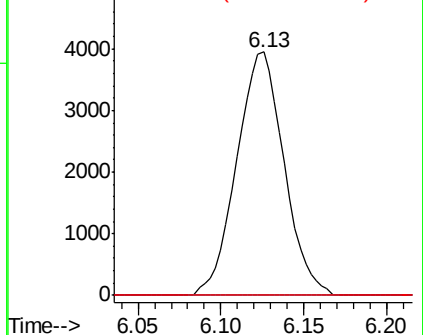
#35
Methvlcvclohexane
Concen: 0.732 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008012.D
Acq: 01 Oct 2018 23:16

Instrument :
MSVOA_V
ClientSampleId :

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#

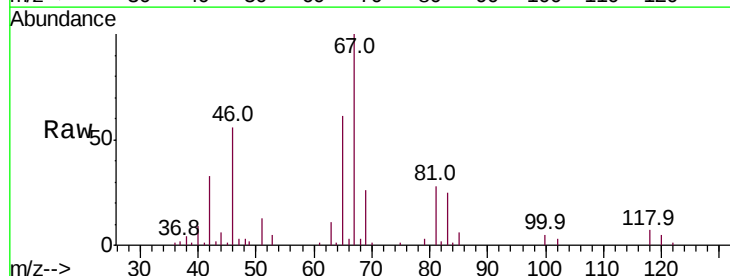


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

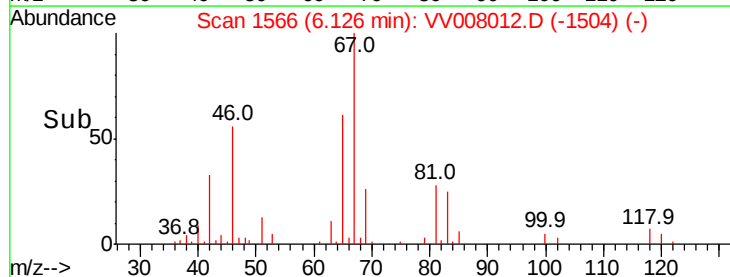
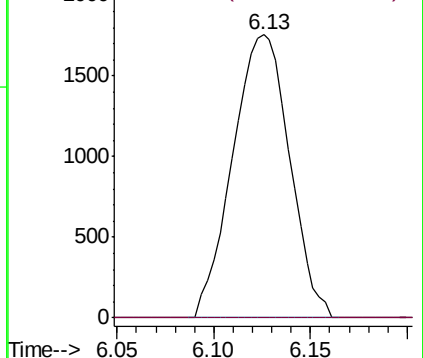


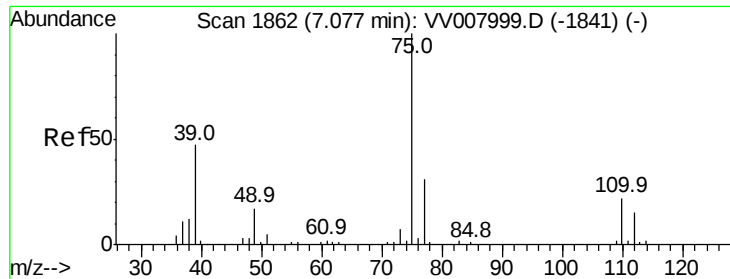
#37
1,2-Dichloropropane
Concen: 0.564 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008012.D
Acq: 01 Oct 2018 23:16

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

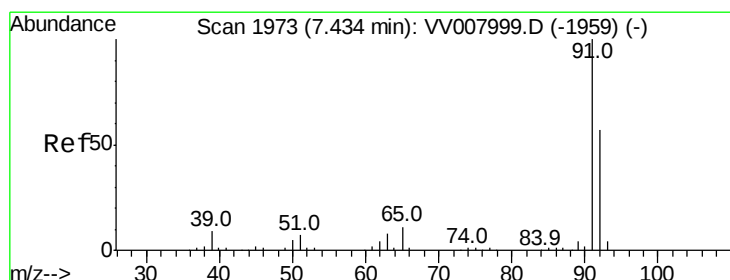
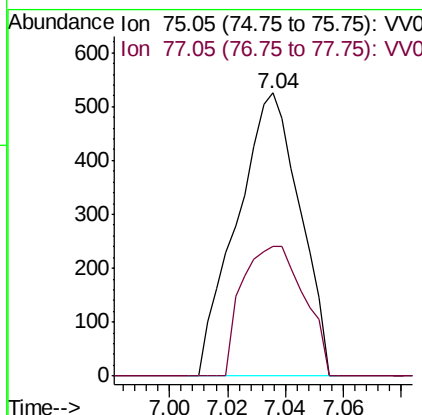
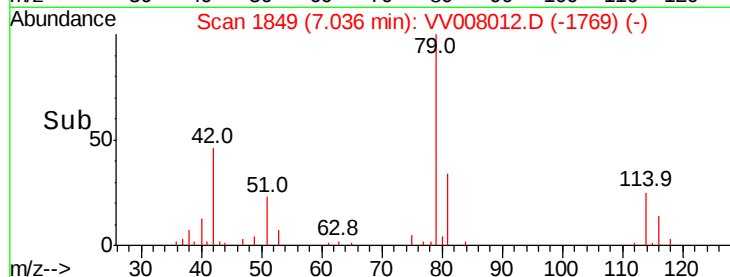
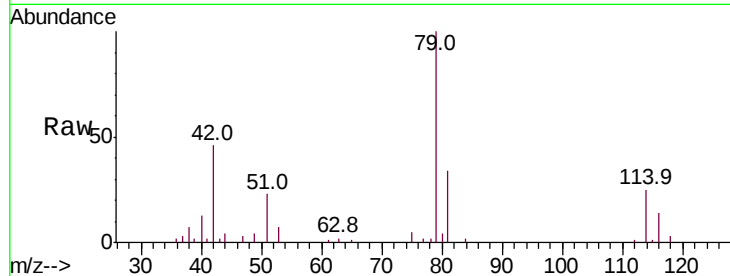




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008012.D
 Acq: 01 Oct 2018 23:16

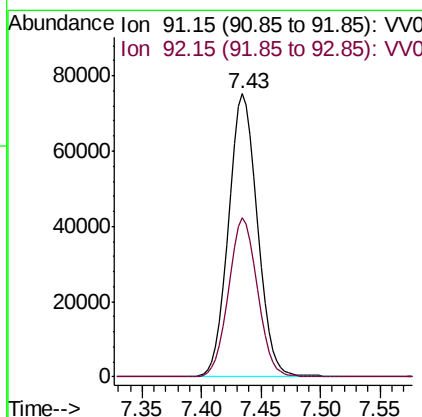
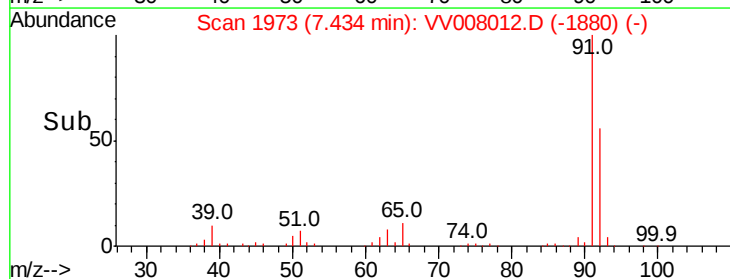
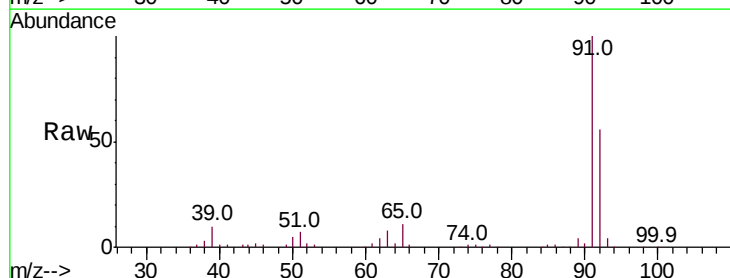
Instrument :
 MSVOA_V
 ClientSampled :

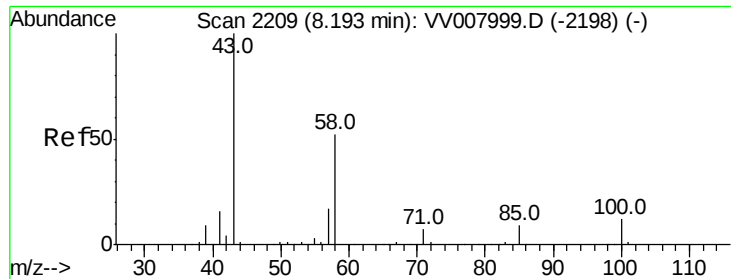
Tot Ion: 75 Resp: 791
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.9 42.5#



#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

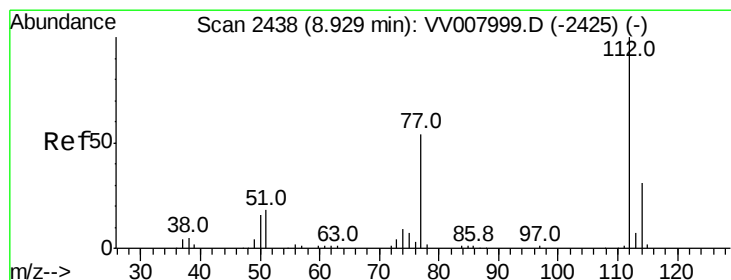
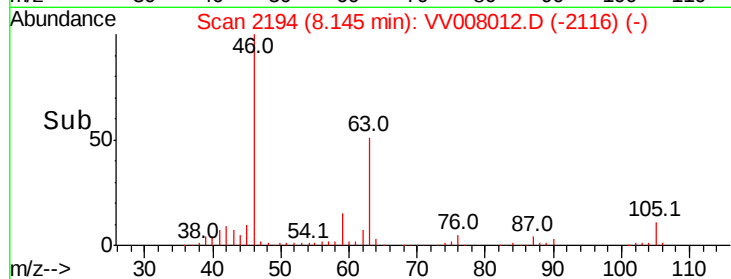
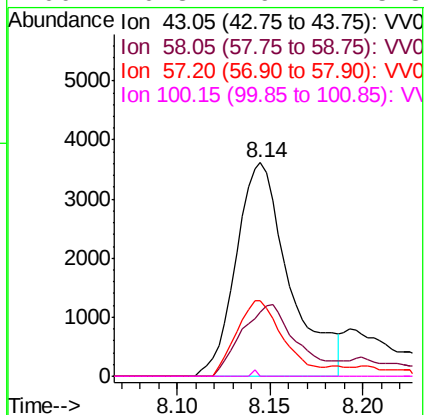
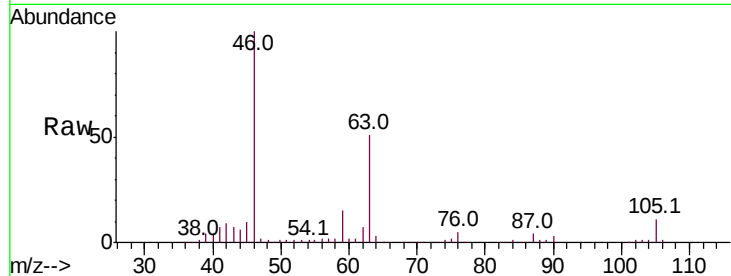




#48
2-Hexanone
Concen: 2.605 ug/L
RT: 8.14 min Scan# 2194
Delta R.T. -0.05 min
Lab File: VV008012.D
Acq: 01 Oct 2018 23:16

Instrument :
MSVOA_V
ClientSampled :

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

