

Data File : VV013670.D
Acq On : 18 Nov 2019 20:36
Operator : SY/MD
Sample : K5910-08MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQJ1MSD

Quant Time: Nov 19 04:30:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	366020	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	362925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91889	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.58	69	87591	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.13	63	185389	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	3.92	46	272054	52.03	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.06%
24) Chloroform-d	4.40	84	212994	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.08	65	110574	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	414219	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.11	67	131298	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.36	98	350378	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	7.66	79	46729	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.13	63	196788	45.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96387	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	146200	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1992	0.088 ug/L #	23
12) 1,1-Dichloroethene	2.14	96	107258	4.905 ug/L	97
13) Acetone	2.19	43	6770	2.052 ug/L #	8
14) Carbon disulfide	2.32	76	3311	0.044 ug/L #	66
22) cis-1,2-Dichloroethene	3.96	96	11994	0.429 ug/L #	93
27) 1,2-Dichloroethane	5.10	62	1964	0.068 ug/L	95
33) Benzene	5.14	78	495656	4.512 ug/L	100
34) Trichloroethene	5.96	95	428545	14.575 ug/L	99
35) Methylcyclohexane	6.11	83	33121	0.739 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	14927	0.567 ug/L #	86
42) Toluene	7.43	91	512366	4.366 ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	2410	0.081 ug/L #	72
48) 2-Hexanone	8.18	43	10501	0.967 ug/L #	90
51) Chlorobenzene	8.92	112	351798	4.521 ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	5129	0.093 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111819\
Quantitation Report (Not Reviewed)

Data File : VV013670.D
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Operator : SY/MD
Sample : K5910-08MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

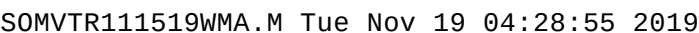
Instrument :
MSVOA_V
ClientSampleId :
GAQJ1MSD

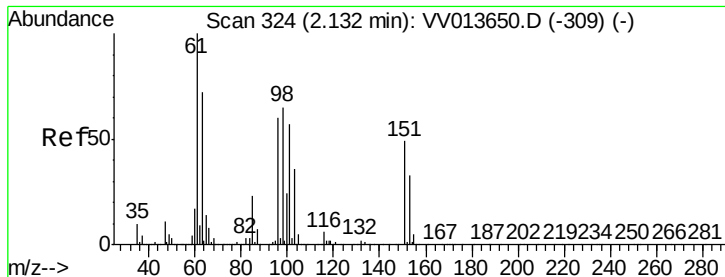
Quant Time: Nov 19 04:30:50 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quant Time: Nov 19 04:30:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.088 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013670.D

Acq: 18 Nov 2019 20:36

Instrument :

MSVOA_V

ClientSampleId :

GAQJ1MSD

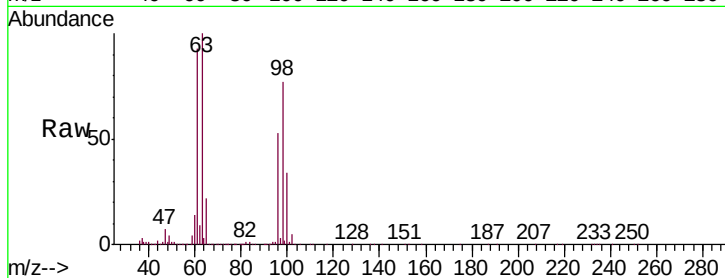
Tgt Ion: 101 Resp: 1992

Ion Ratio Lower Upper

101 100

85 10.8 32.0 48.0#

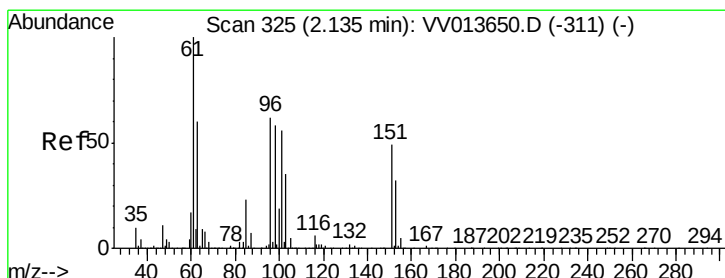
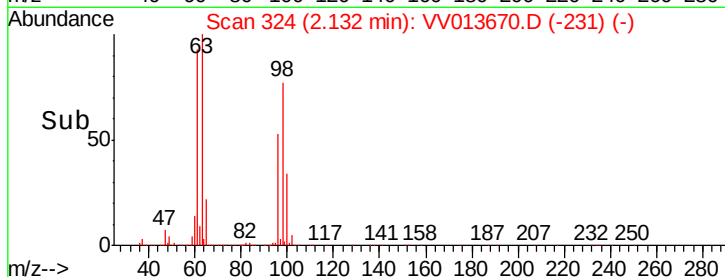
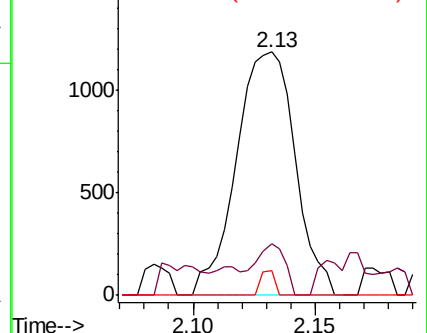
151 2.3 69.0 103.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.905 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013670.D

Acq: 18 Nov 2019 20:36

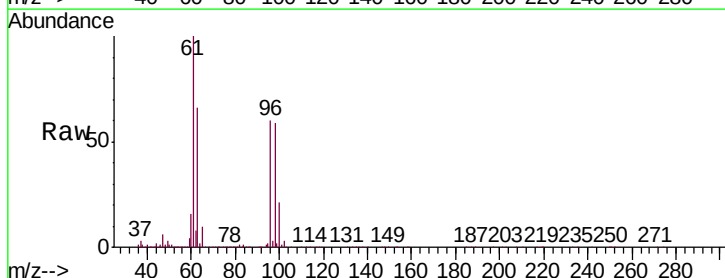
Tgt Ion: 96 Resp: 107258

Ion Ratio Lower Upper

96 100

61 166.7 112.5 208.9

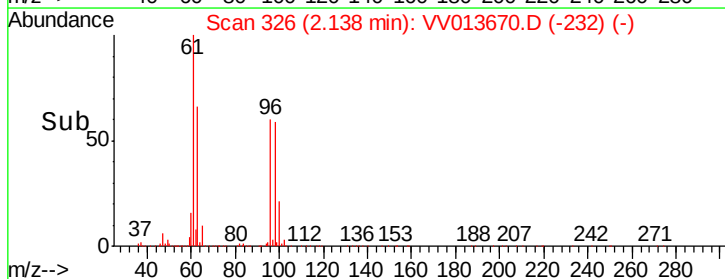
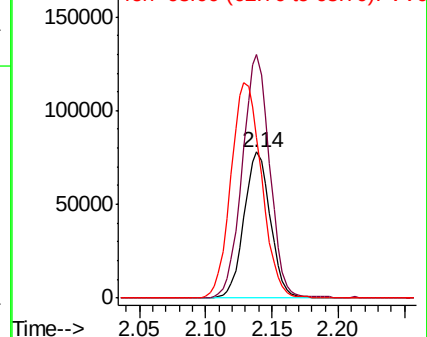
63 109.9 76.9 142.7

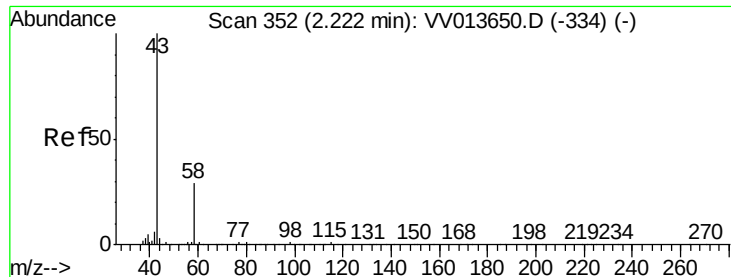


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.052 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

Lab File: VV013670.D

Acq: 18 Nov 2019 20:36

Instrument :

MSVOA_V

ClientSampleId :

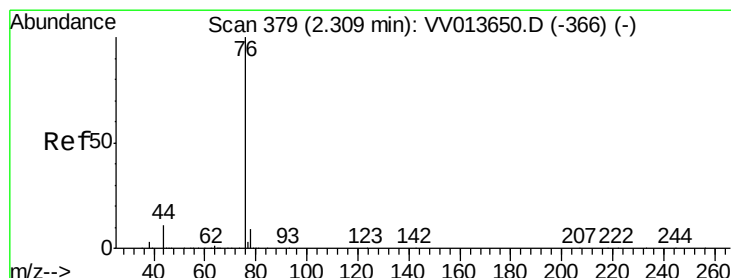
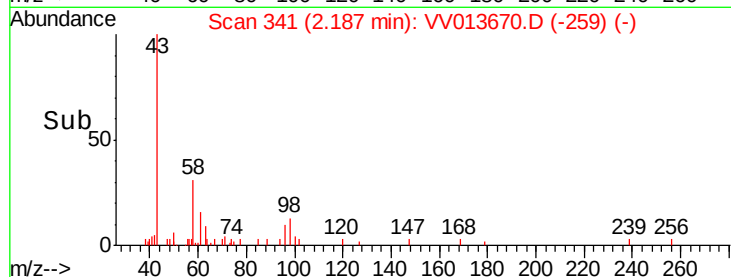
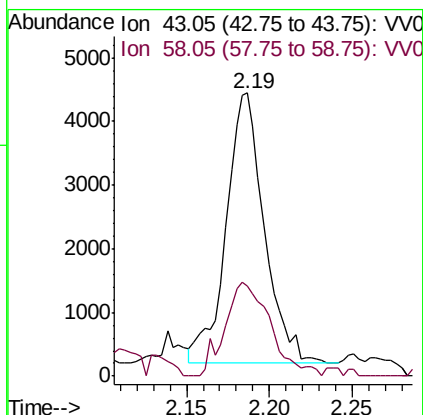
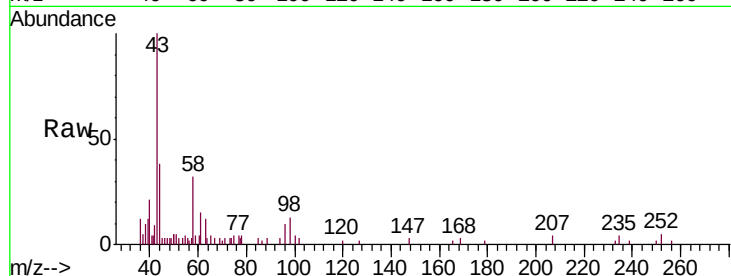
GAQJ1MSD

Tgt Ion: 43 Resp: 6770

Ion Ratio Lower Upper

43 100

58 41.4 0.0 17.0#



#14

Carbon disulfide

Concen: 0.044 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013670.D

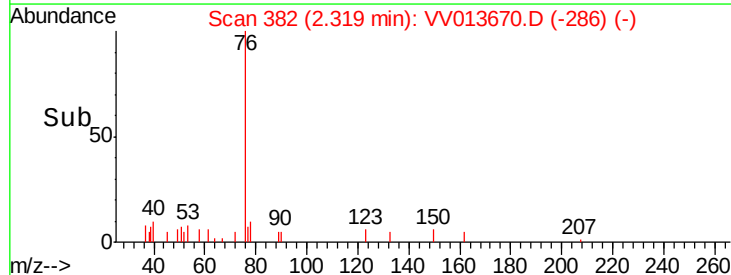
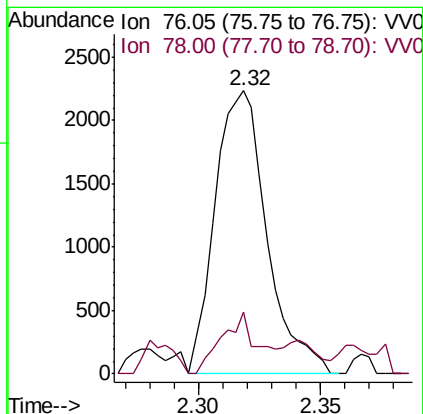
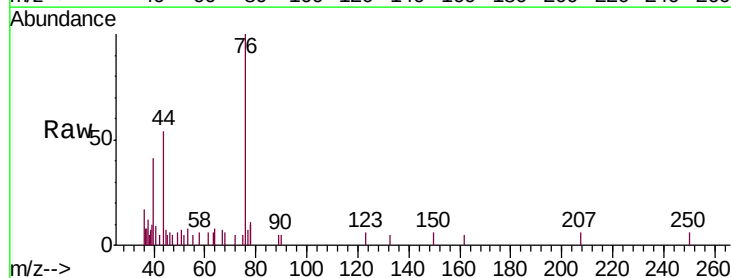
Acq: 18 Nov 2019 20:36

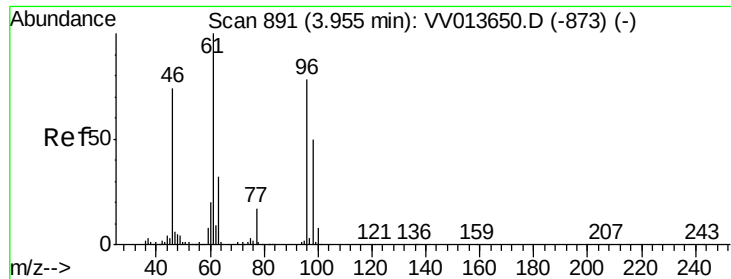
Tgt Ion: 76 Resp: 3311

Ion Ratio Lower Upper

76 100

78 21.8 7.4 11.2#

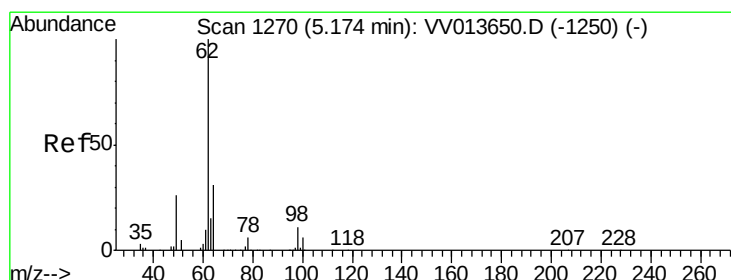
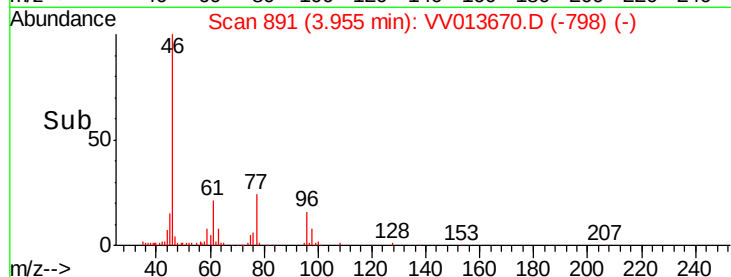
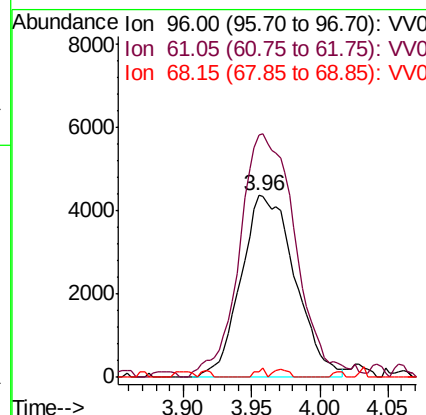
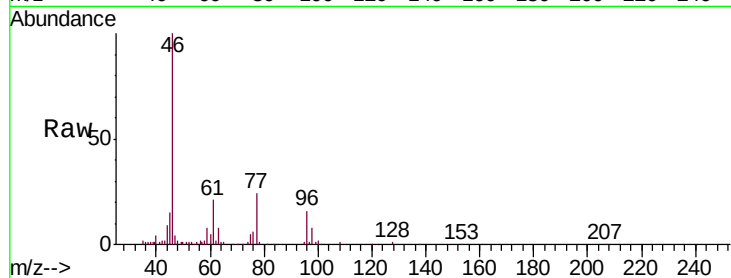




#22
 cis-1,2-Dichloroethene
 Concen: 0.429 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV013670.D
 Acq: 18 Nov 2019 20:36

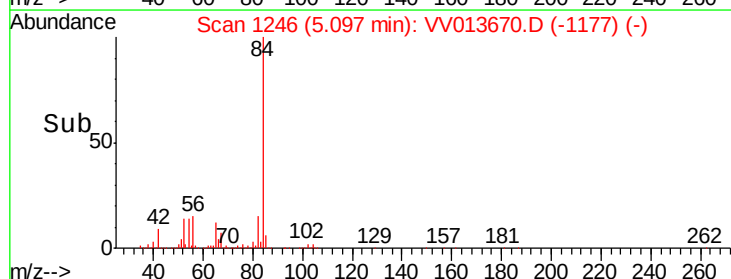
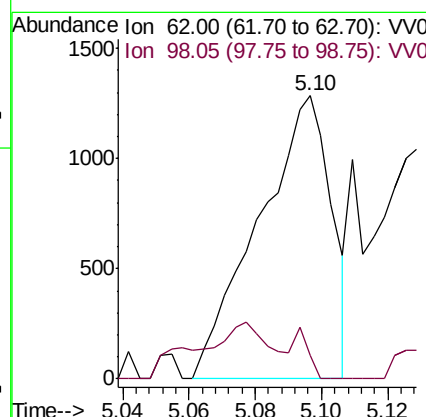
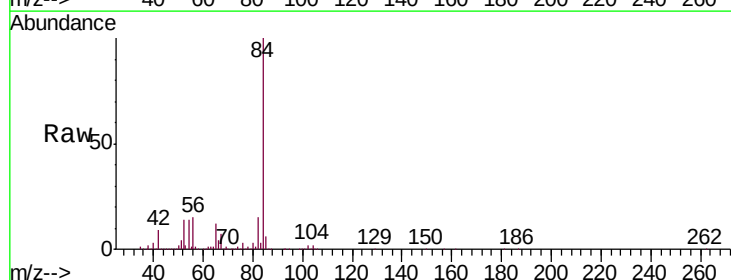
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ1MSD

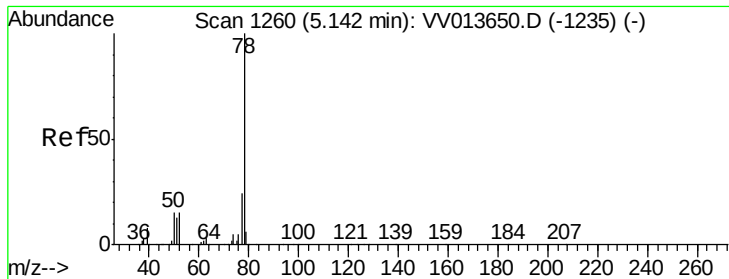
Tgt Ion: 96 Resp: 11994
 Ion Ratio Lower Upper
 96 100
 61 133.5 87.7 162.9
 68 3.2 0.1 0.3#



#27
 1,2-Dichloroethane
 Concen: 0.068 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV013670.D
 Acq: 18 Nov 2019 20:36

Tgt Ion: 62 Resp: 1964
 Ion Ratio Lower Upper
 62 100
 98 8.2 8.2 12.2





#33

Benzene

Concen: 4.512 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV013670.D

Acq: 18 Nov 2019 20:36

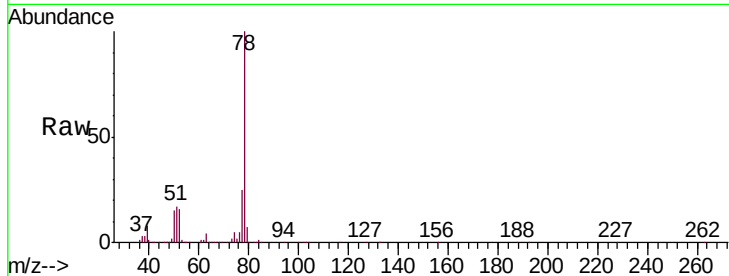
Instrument :

MSVOA_V

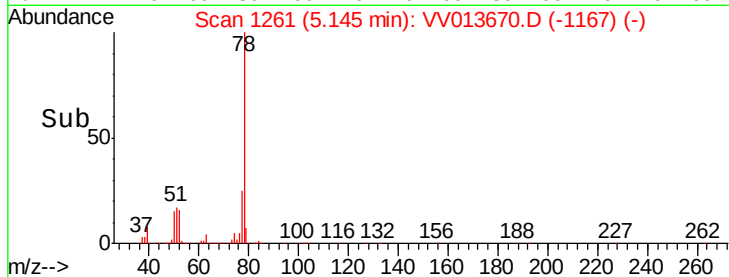
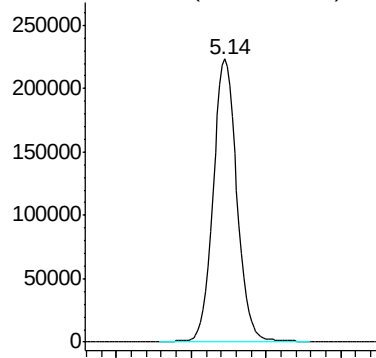
ClientSampleId :

GAQJ1MSD

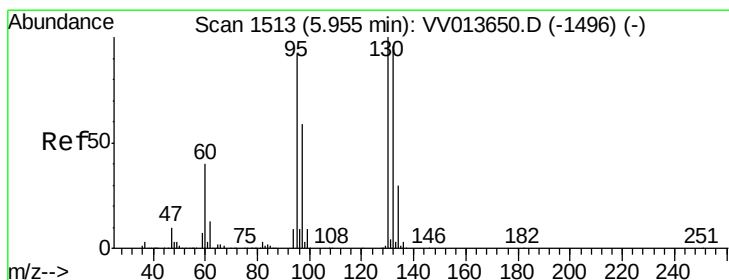
Tgt Ion: 78 Resp: 495656



Abundance Ion 78.10 (77.80 to 78.80): VV0



Time-->



#34

Trichloroethene

Concen: 14.575 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

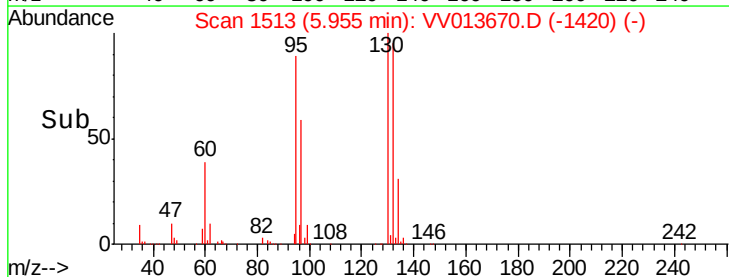
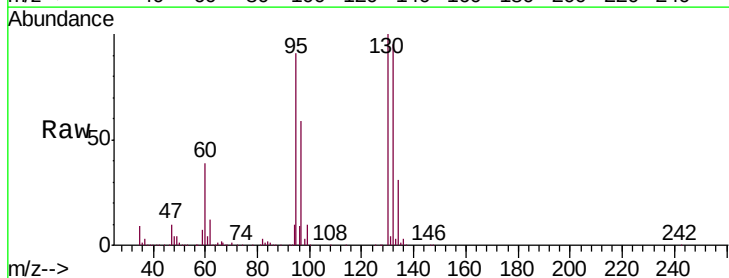
Lab File: VV013670.D

Acq: 18 Nov 2019 20:36

Tgt Ion: 95 Resp: 428545

Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.8	83.2
132	103.8	72.9	135.3
130	109.4	75.1	139.5

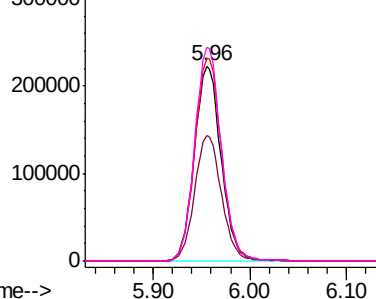
Abundance Ion 95.00 (94.70 to 95.70): VV0

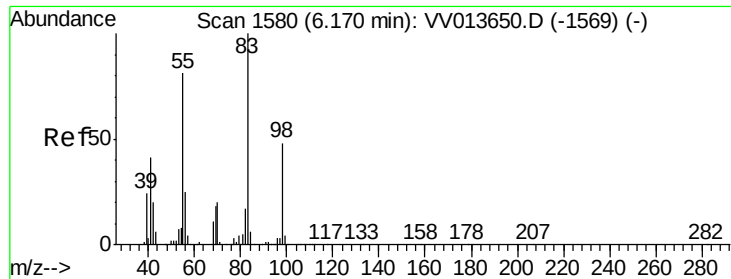


Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

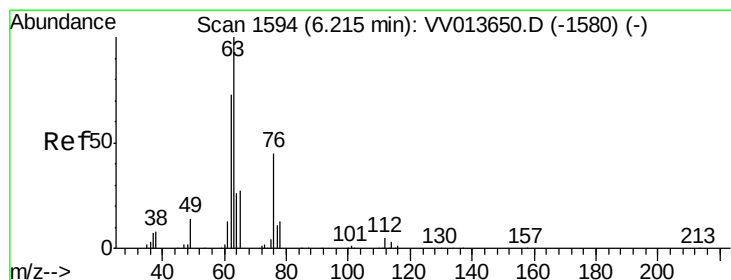
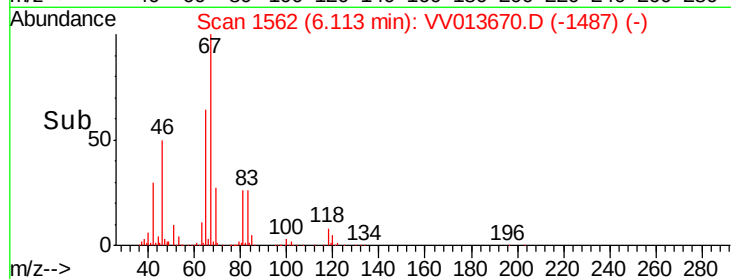
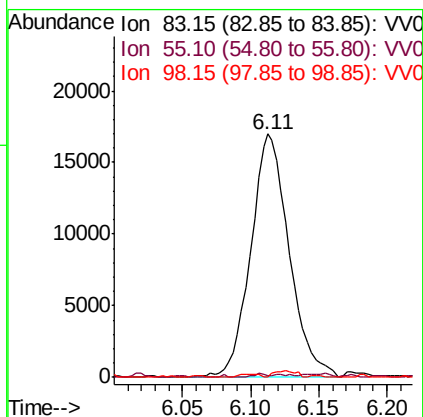
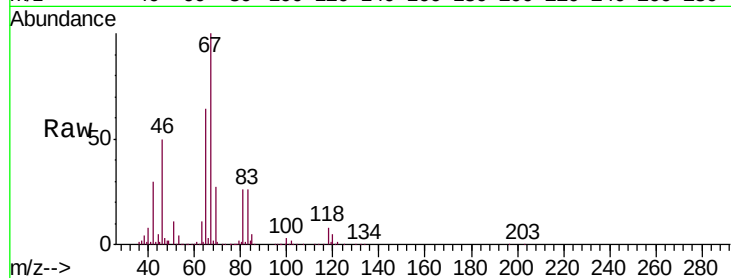




#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013670.D
Acq: 18 Nov 2019 20:36

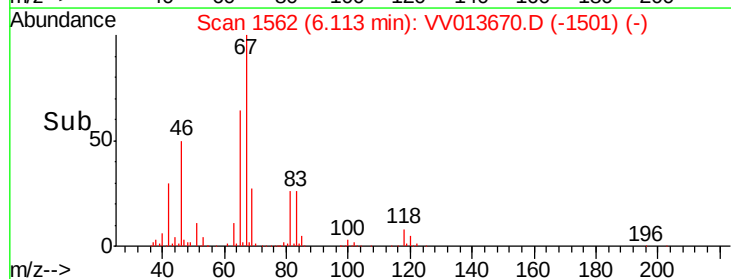
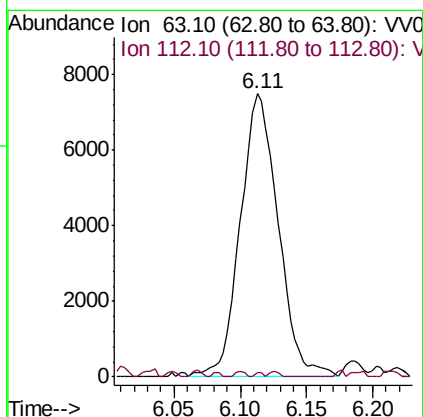
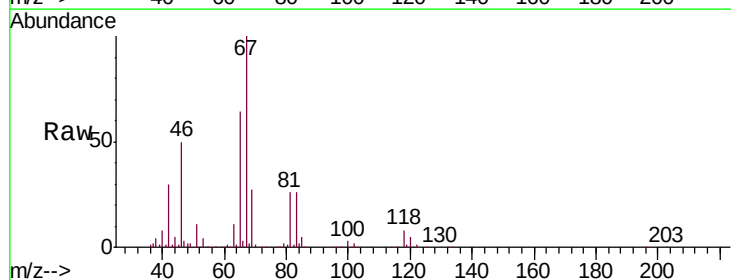
Instrument :
MSVOA_V
ClientSampleId :
GAQJ1MSD

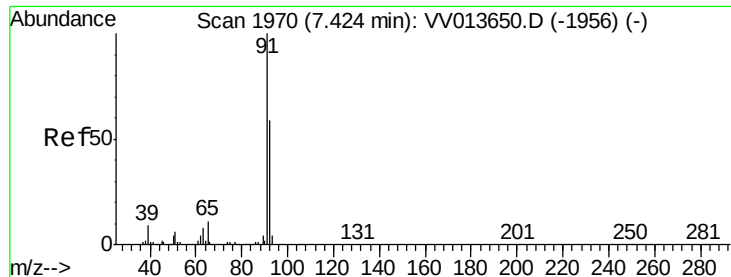
Tgt Ion: 83 Resp: 33121
Ion Ratio Lower Upper
83 100
55 0.5 64.1 96.1#
98 0.0 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013670.D
Acq: 18 Nov 2019 20:36

Tgt Ion: 63 Resp: 14927
Ion Ratio Lower Upper
63 100
112 0.3 4.1 6.1#





#42

Toluene

Concen: 4.366 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV013670.D

Acq: 18 Nov 2019 20:36

Instrument :

MSVOA_V

ClientSampleId :

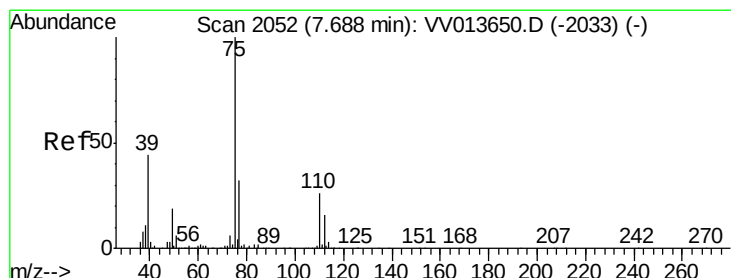
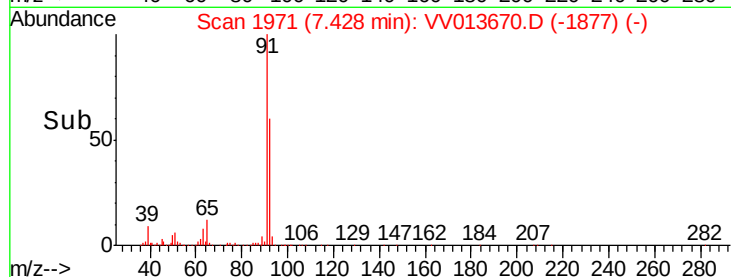
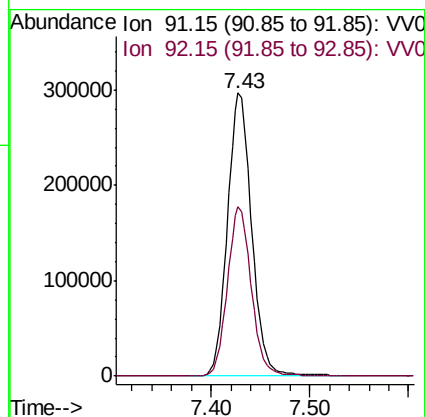
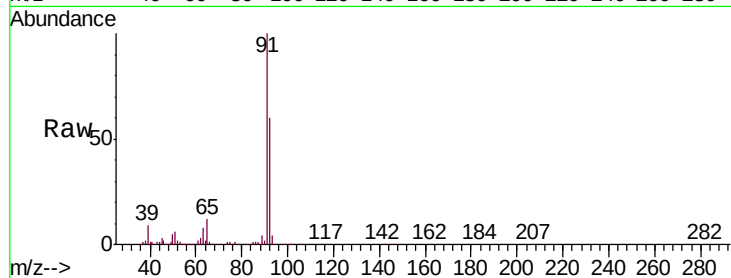
GAQJ1MSD

Tgt Ion: 91 Resp: 512366

Ion Ratio Lower Upper

91 100

92 59.9 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.66 min Scan# 2042

Delta R.T. -0.03 min

Lab File: VV013670.D

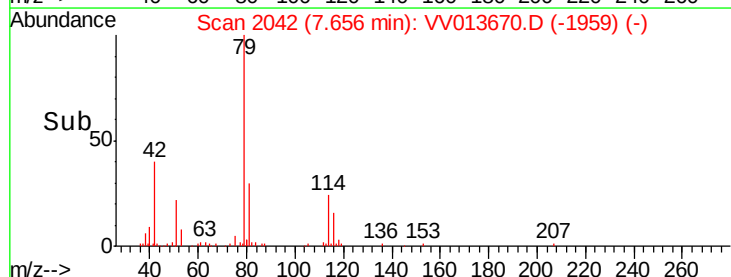
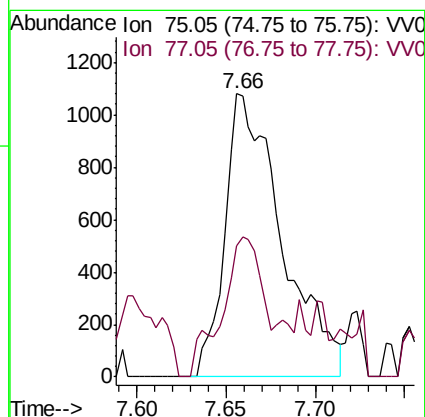
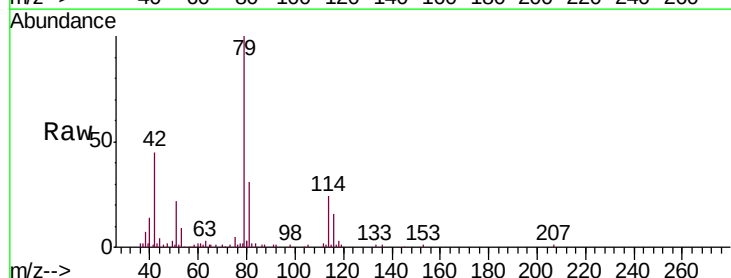
Acq: 18 Nov 2019 20:36

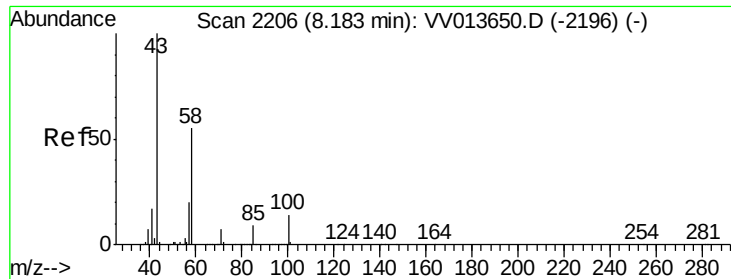
Tgt Ion: 75 Resp: 2410

Ion Ratio Lower Upper

75 100

77 46.4 21.6 40.2#

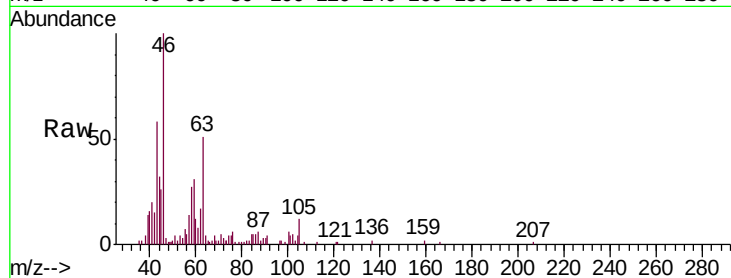




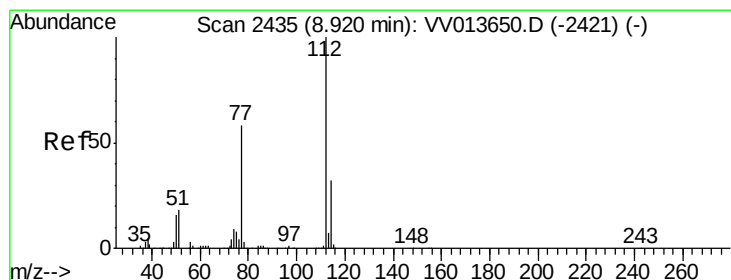
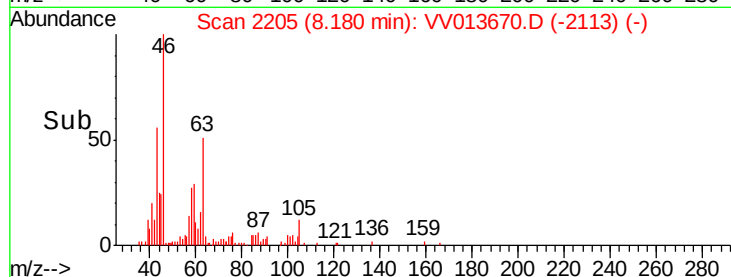
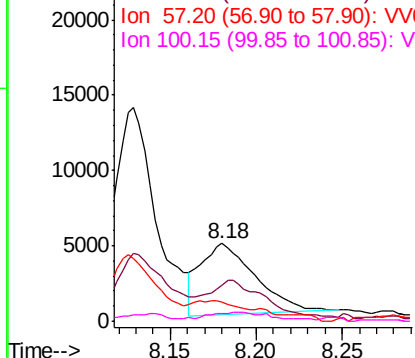
#48
2-Hexanone
Concen: 0.967 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV013670.D
Acq: 18 Nov 2019 20:36

Instrument :
MSVOA_V
ClientSampleId :
GAQJ1MSD

Tgt Ion:	43	Resp:	10501
Ion	Ratio	Lower	Upper
43	100		
58	59.7	43.0	64.6
57	10.8	15.4	23.2#
100	13.3	10.1	15.1

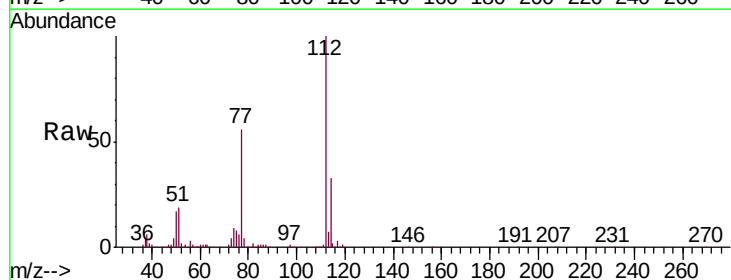


Abundance Ion 43.05 (42.75 to 43.75): VV013650.D (-2196) (-)
Ion 58.05 (57.75 to 58.75): VV013650.D (-2196) (-)
Ion 57.20 (56.90 to 57.90): VV013650.D (-2196) (-)
Ion 100.15 (99.85 to 100.85): VV013650.D (-2196) (-)

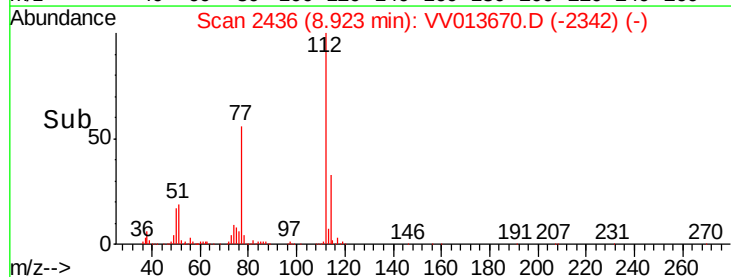
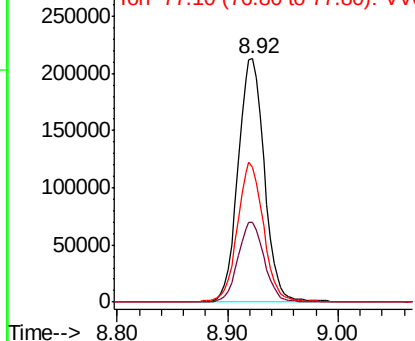


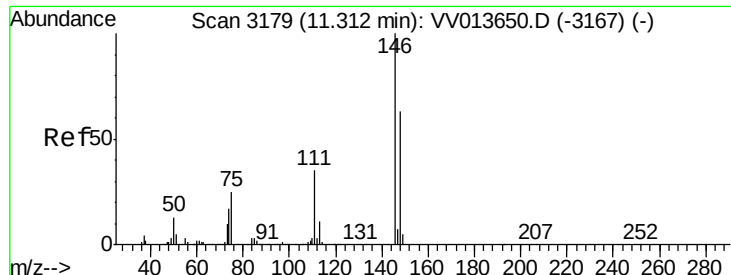
#51
Chlorobenzene
Concen: 4.521 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013670.D
Acq: 18 Nov 2019 20:36

Tgt Ion:	112	Resp:	351798
Ion	Ratio	Lower	Upper
112	100		
114	32.7	22.8	42.4
77	55.6	45.0	67.4



Abundance Ion 112.10 (111.80 to 112.80): VV013650.D (-2421) (-)
Ion 114.05 (113.75 to 114.75): VV013650.D (-2421) (-)
Ion 77.10 (76.80 to 77.80): VV013650.D (-2421) (-)





#63
 1,4-Dichlorobenzene
 Concen: 0.093 ug/L
 RT: 11.31 min Scan# 3179
 Delta R.T. -0.00 min
 Lab File: VV013670.D
 Acq: 18 Nov 2019 20:36

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQJ1MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	25.6	47.6
148	59.1	45.6	84.8

