

Data File : VV013646.D
Acq On : 15 Nov 2019 18:47
Operator : SY/MD
Sample : K5856-03MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQG0MSD

Quant Time: Nov 15 23:54:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 23:49:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	355244	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	352085	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	158844	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106178	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	93146	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.13	63	197006	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	3.95	46	260476	51.33	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.66%
24) Chloroform-d	4.40	84	229472	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	113447	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	448361	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.11	67	142716	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	380808	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.66	79	49454	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	200624	47.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96753	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	157919	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

						Qvalue
5) Vinyl chloride	1.32	62	3409	0.114	ug/L #	40
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1838	0.084	ug/L #	32
12) 1,1-Dichloroethene	2.14	96	112364	5.294	ug/L	98
13) Acetone	2.21	43	4613	1.441	ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	29529	1.087	ug/L #	99
33) Benzene	5.14	78	541604	5.082	ug/L	100
34) Trichloroethene	5.96	95	194065	6.804	ug/L	99
35) Methylcyclohexane	6.11	83	32828	0.755	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	15886	0.622	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	3414	0.093	ug/L #	56
42) Toluene	7.43	91	543924	4.777	ug/L	100
47) Tetrachloroethene	8.02	164	3017	0.114	ug/L #	88
48) 2-Hexanone	8.18	43	6869	0.652	ug/L #	85
49) Dibromochloromethane	8.01	129	3219	0.138	ug/L #	10
51) Chlorobenzene	8.92	112	372316	4.932	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111519\
Quantitation Report (Not Reviewed)

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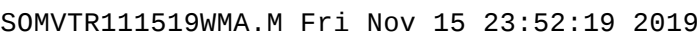
Instrument :
MSVOA_V
ClientSampleId :
GAQG0MSD

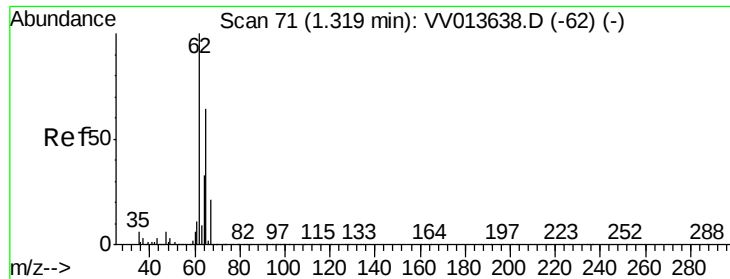
Quant Time: Nov 15 23:54:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 23:49:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quant Time: Nov 15 23:54:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 15 23:49:05 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.114 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

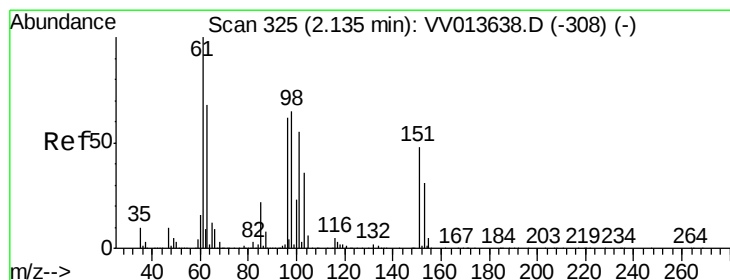
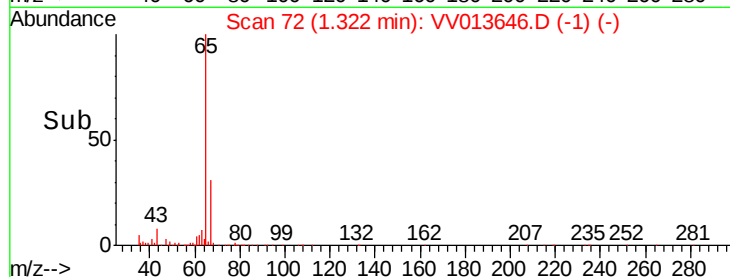
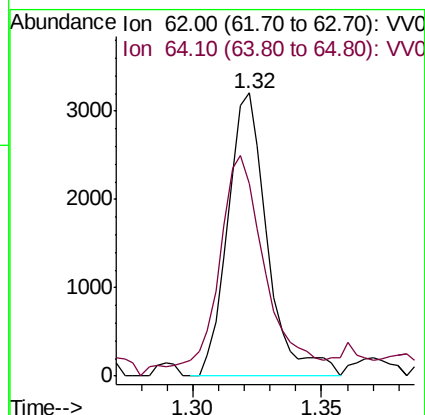
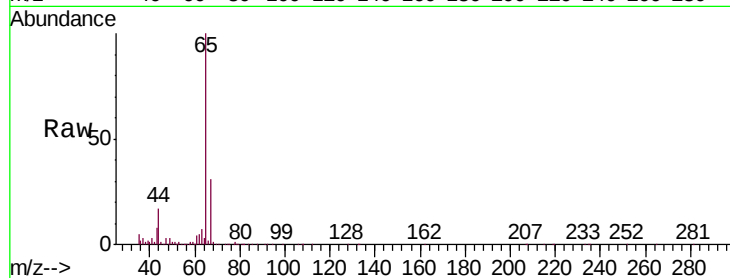
GAQG0MSD

Tgt Ion: 62 Resp: 3409

Ion Ratio Lower Upper

62 100

64 67.9 23.4 43.6#



#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

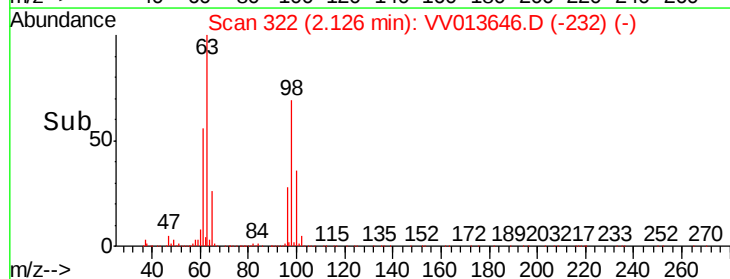
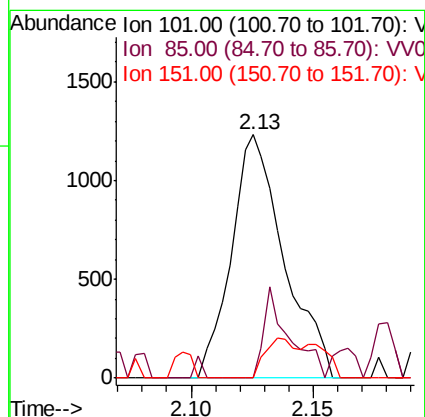
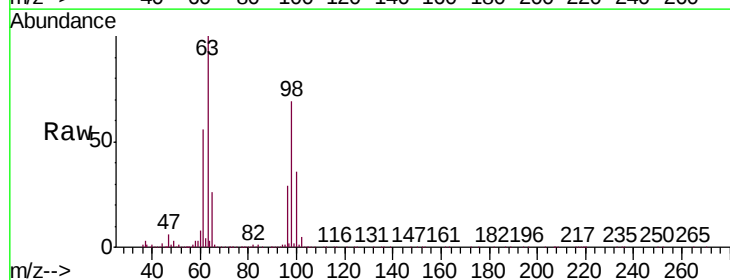
Tgt Ion: 101 Resp: 1838

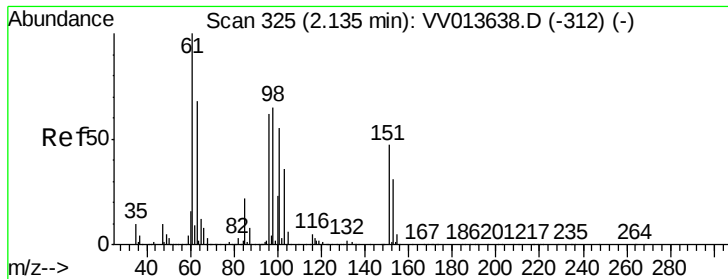
Ion Ratio Lower Upper

101 100

85 18.0 32.0 48.0#

151 10.1 69.0 103.6#

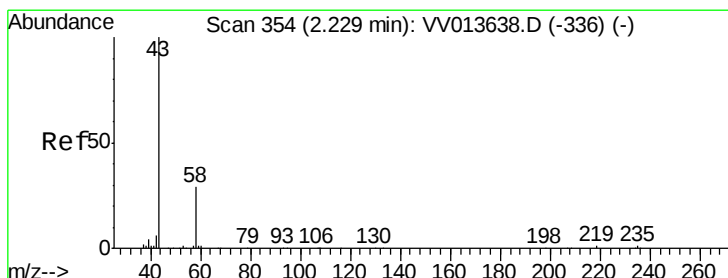
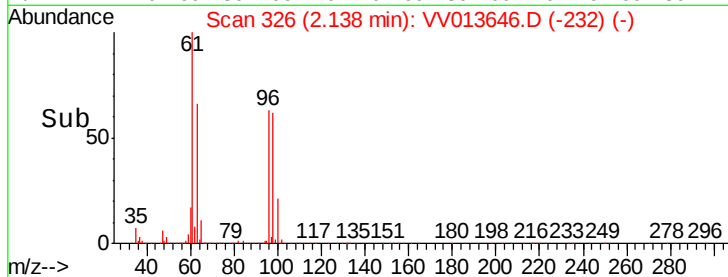
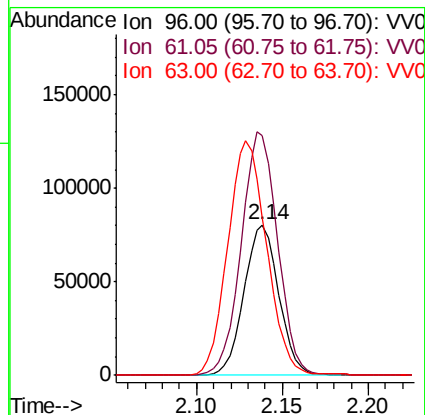
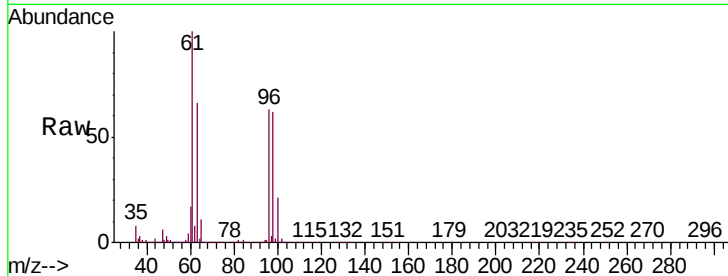




#12
 1,1-Dichloroethene
 Concen: 5.294 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: VV013646.D
 Acq: 15 Nov 2019 18:47

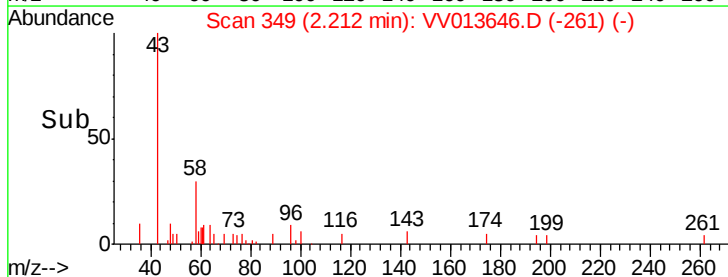
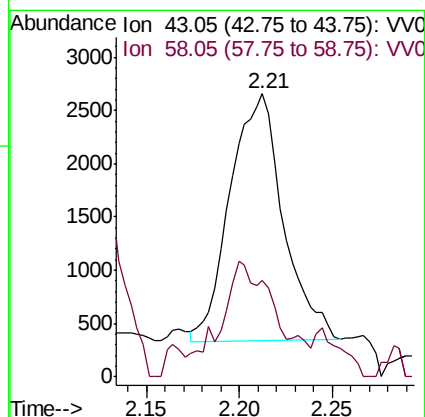
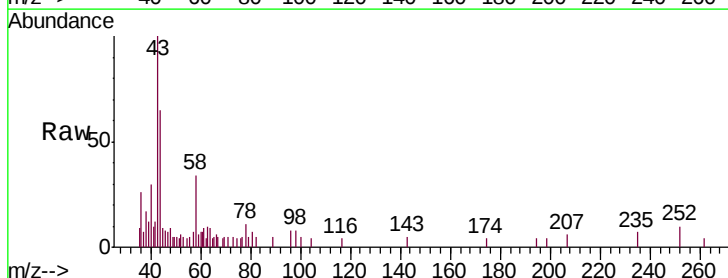
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG0MSD

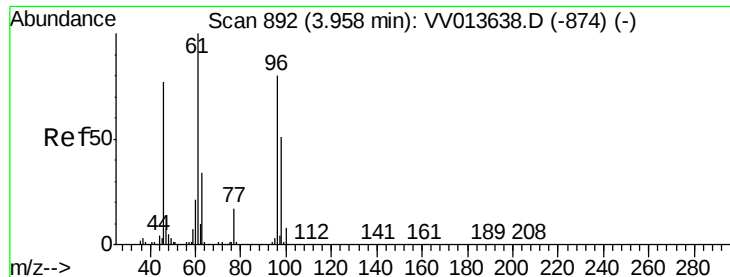
Tgt Ion: 96 Resp: 112364
 Ion Ratio Lower Upper
 96 100
 61 159.5 112.5 208.9
 63 105.3 76.9 142.7



#13
 Acetone
 Concen: 1.441 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. -0.02 min
 Lab File: VV013646.D
 Acq: 15 Nov 2019 18:47

Tgt Ion: 43 Resp: 4613
 Ion Ratio Lower Upper
 43 100
 58 48.6 0.0 17.0#



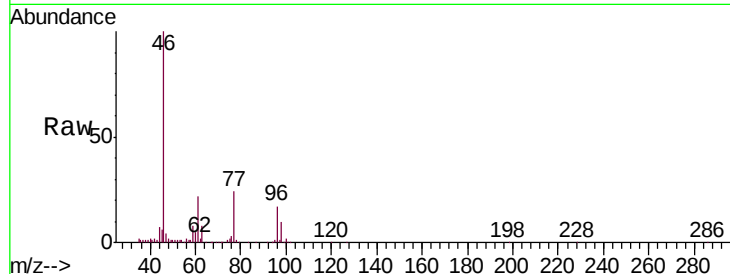


#22

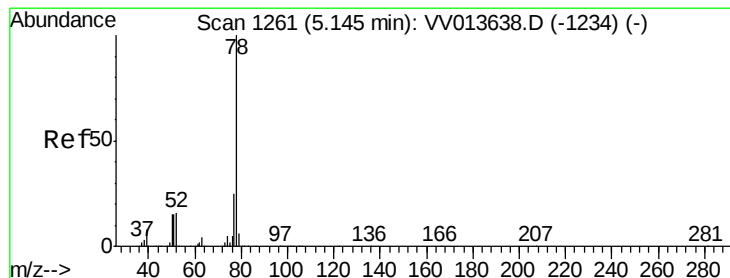
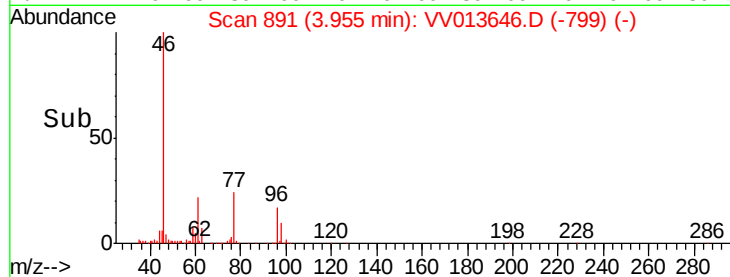
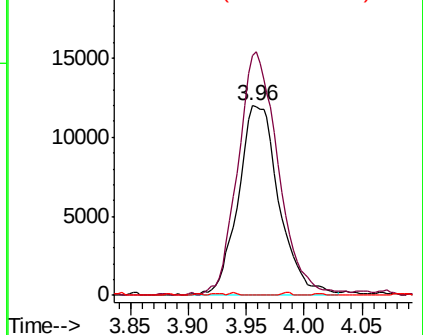
cis-1,2-Dichloroethene
 Concen: 1.087 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV013646.D
 Acq: 15 Nov 2019 18:47

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQG0MSD

Tgt Ion: 96 Resp: 29529
 Ion Ratio Lower Upper
 96 100
 61 126.4 87.7 162.9
 68 0.0 0.1 0.3#



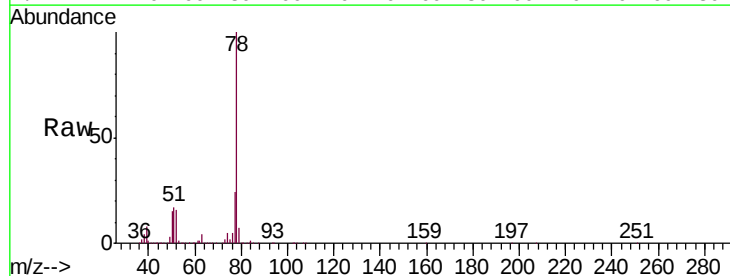
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



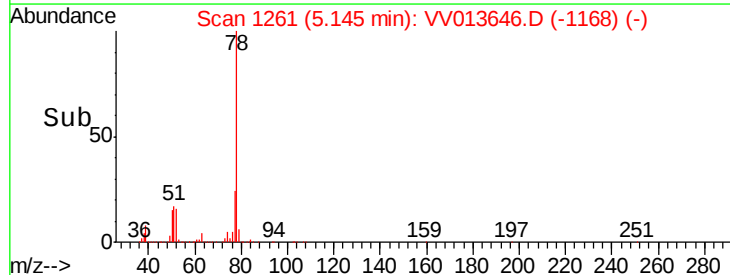
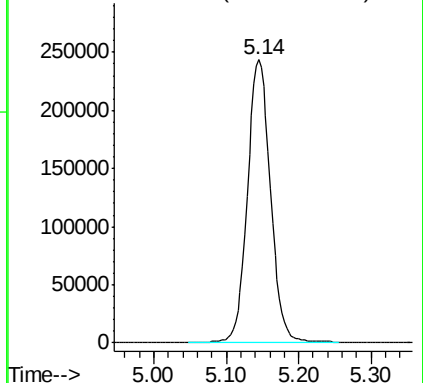
#33

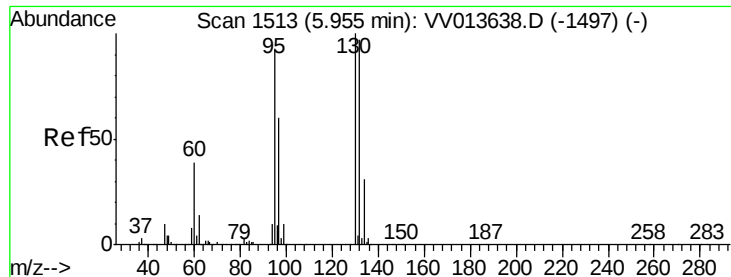
Benzene
 Concen: 5.082 ug/L
 RT: 5.14 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VV013646.D
 Acq: 15 Nov 2019 18:47

Tgt Ion: 78 Resp: 541604



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 6.804 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

GAQG0MSD

Tgt Ion: 95 Resp: 194065

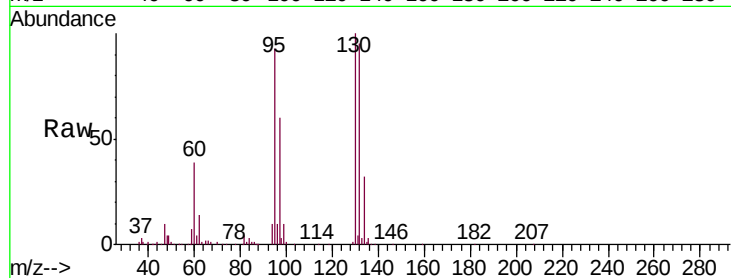
Ion Ratio Lower Upper

95 100

97 64.4 44.8 83.2

132 101.8 72.9 135.3

130 107.1 75.1 139.5

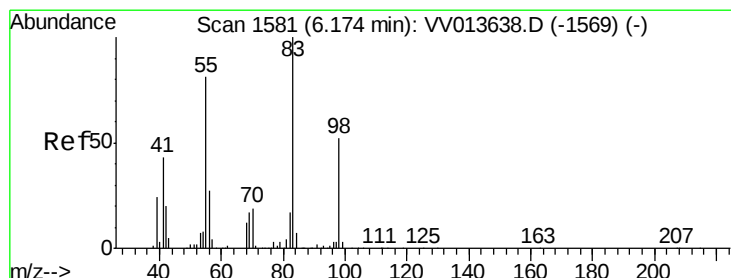
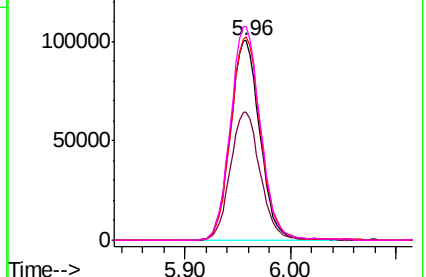
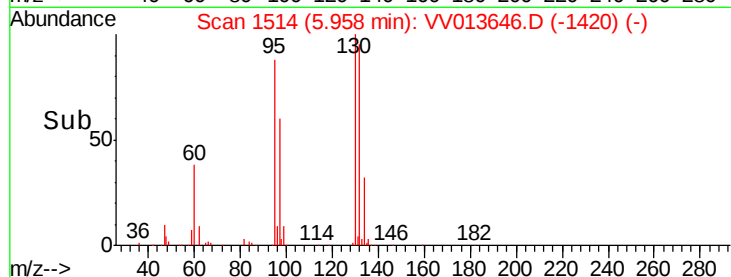


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.755 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

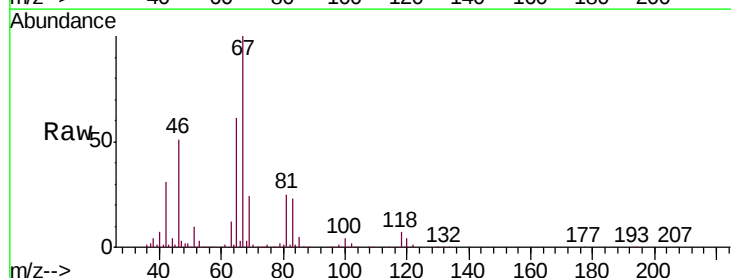
Tgt Ion: 83 Resp: 32828

Ion Ratio Lower Upper

83 100

55 0.9 64.1 96.1#

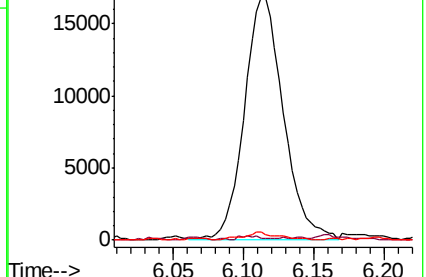
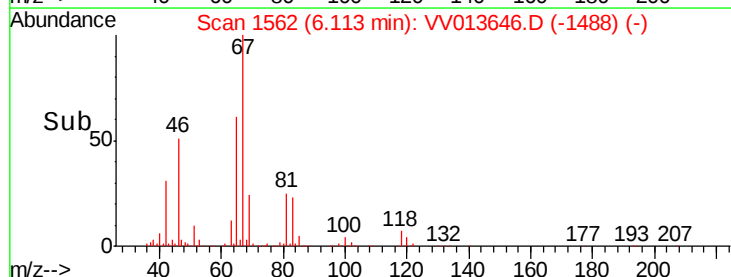
98 2.6 38.2 57.2#

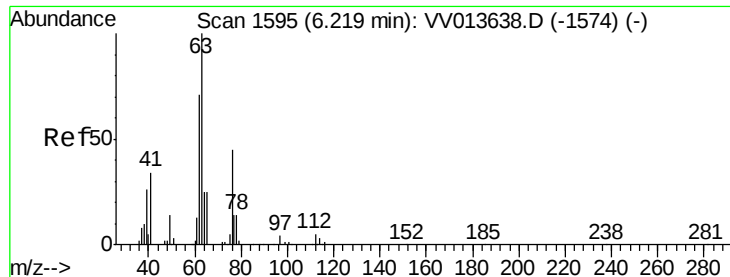


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

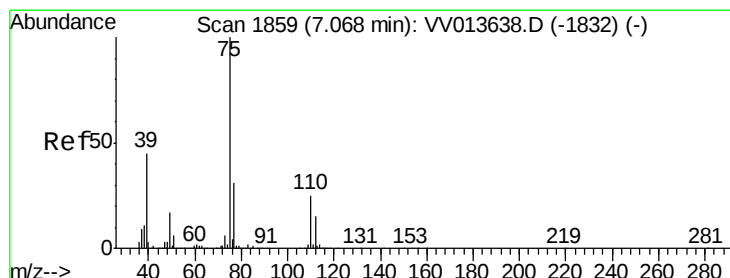
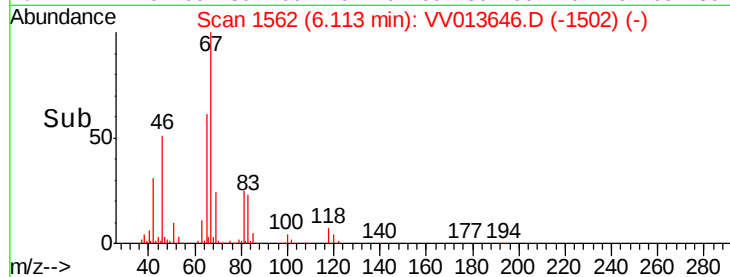
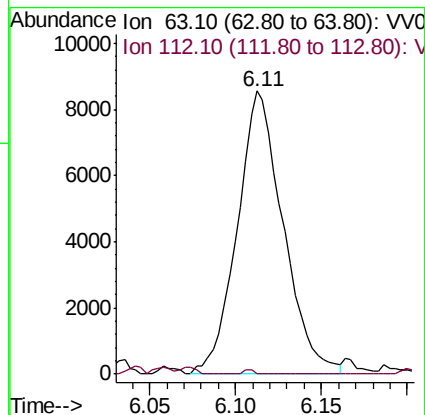
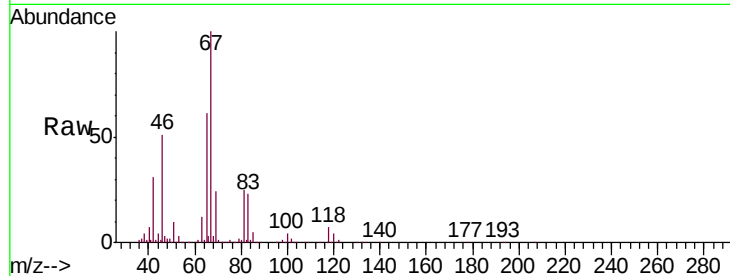
GAQG0MSD

Tgt Ion: 63 Resp: 15886

Ion Ratio Lower Upper

63 100

112 0.3 4.1 6.1#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV013646.D

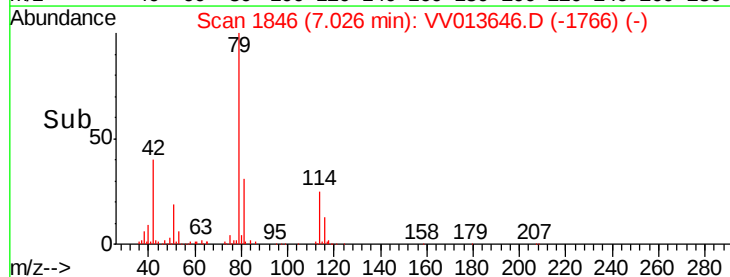
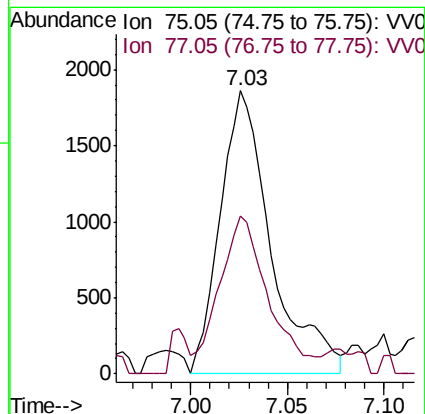
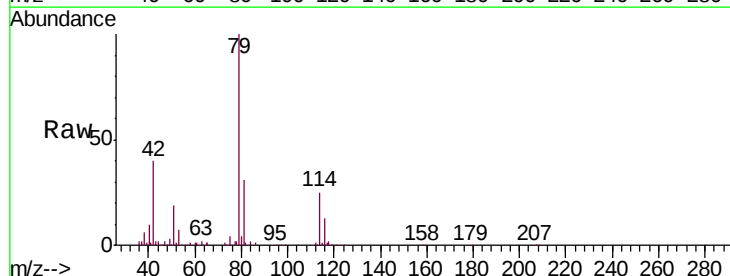
Acq: 15 Nov 2019 18:47

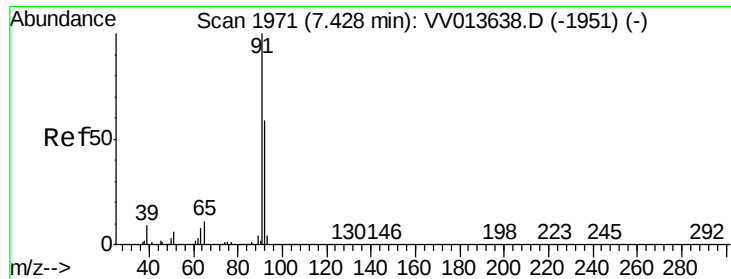
Tgt Ion: 75 Resp: 3414

Ion Ratio Lower Upper

75 100

77 55.7 22.0 40.8#





#42

Toluene

Concen: 4.777 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

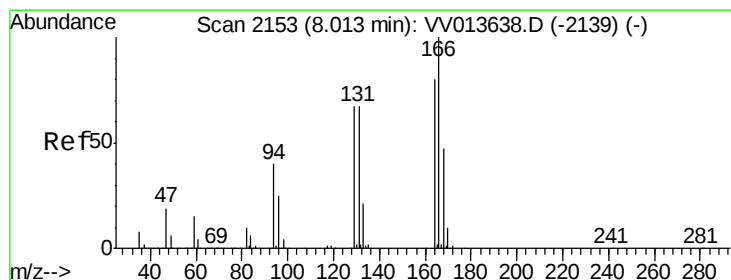
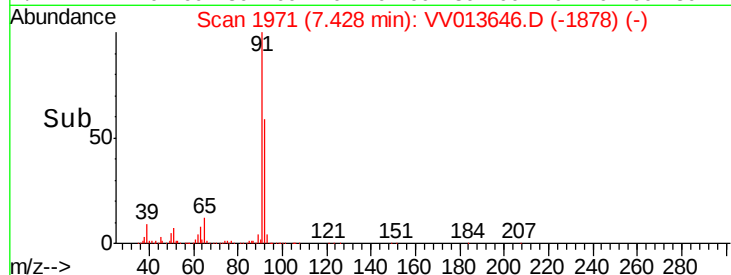
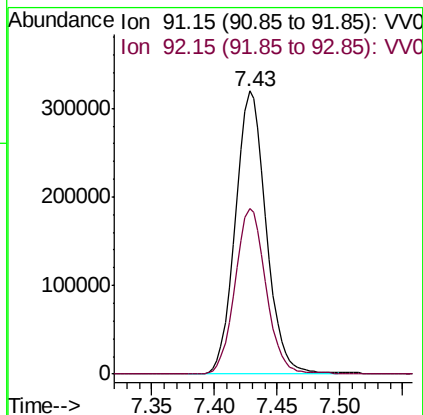
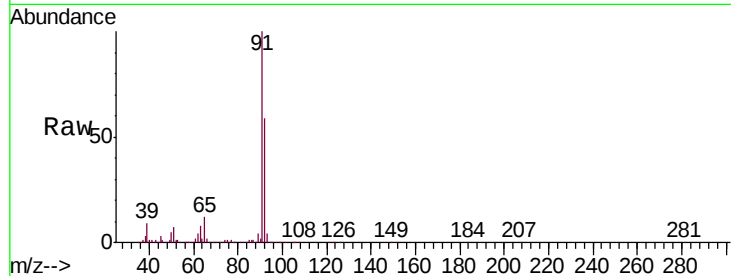
GAQG0MSD

Tgt Ion: 91 Resp: 543924

Ion Ratio Lower Upper

91 100

92 58.7 41.2 76.6



#47

Tetrachloroethene

Concen: 0.114 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

Tgt Ion: 164 Resp: 3017

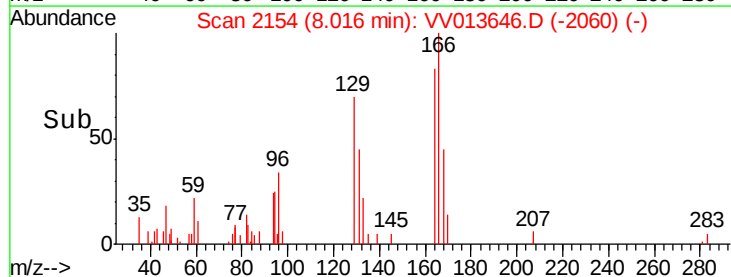
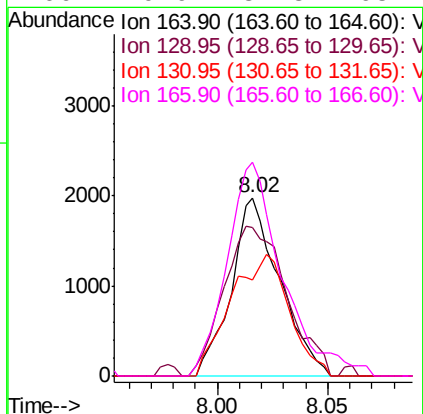
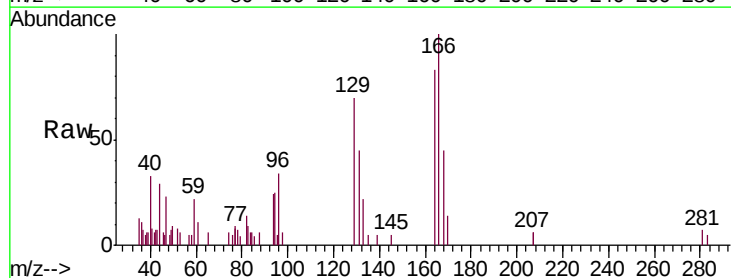
Ion Ratio Lower Upper

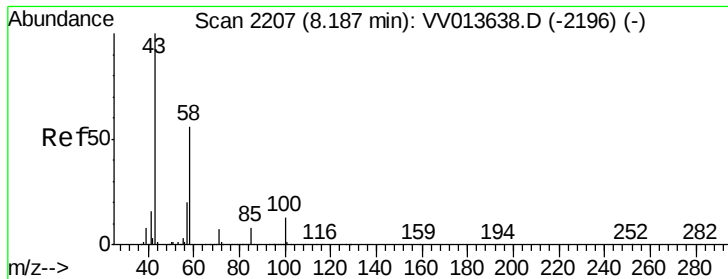
164 100

129 83.6 59.1 109.9

131 54.2 58.9 109.5#

166 119.9 87.8 163.2

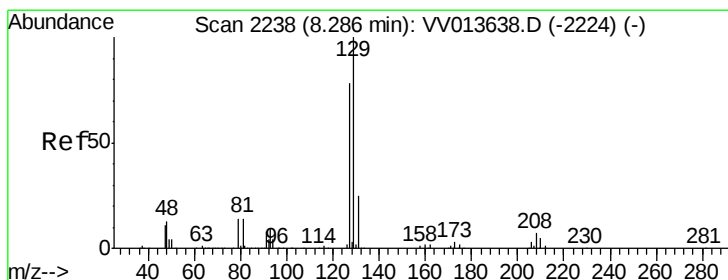
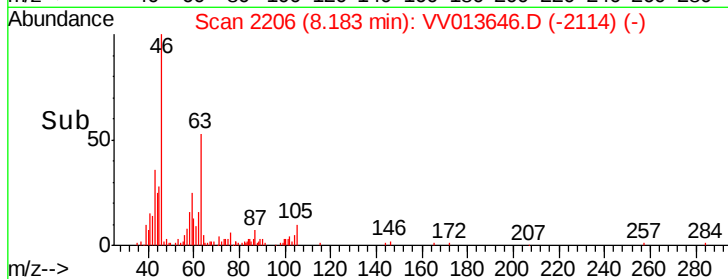
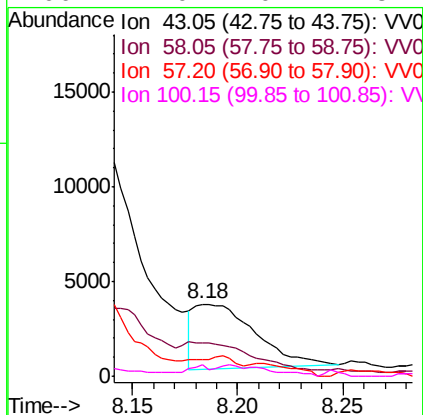
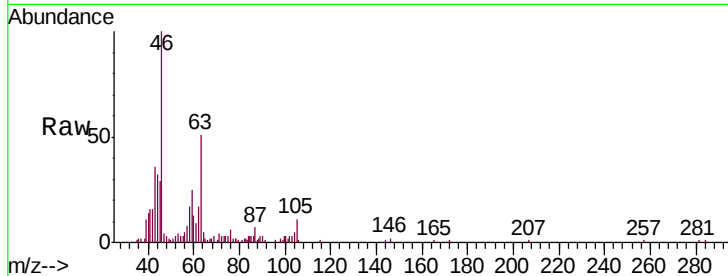




#48
2-Hexanone
Concen: 0.652 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV013646.D
Acq: 15 Nov 2019 18:47

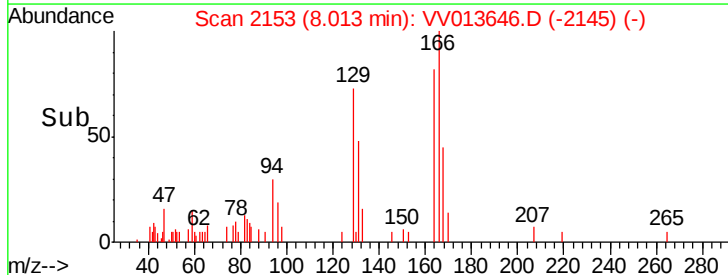
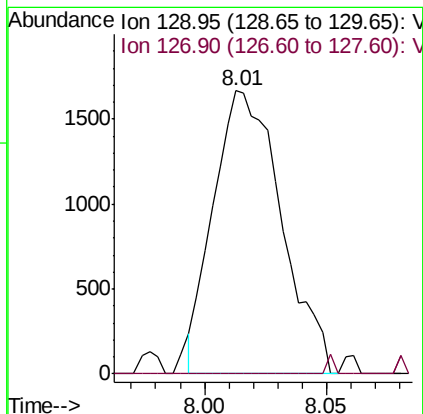
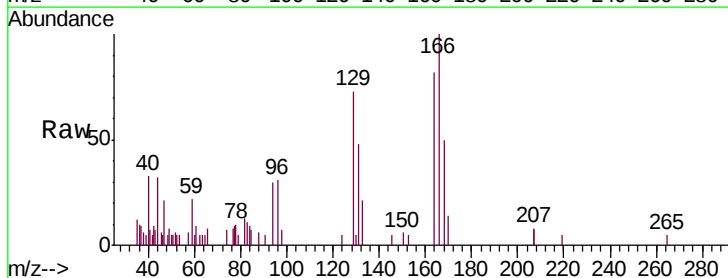
Instrument :
MSVOA_V
ClientSampleId :
GAQG0MSD

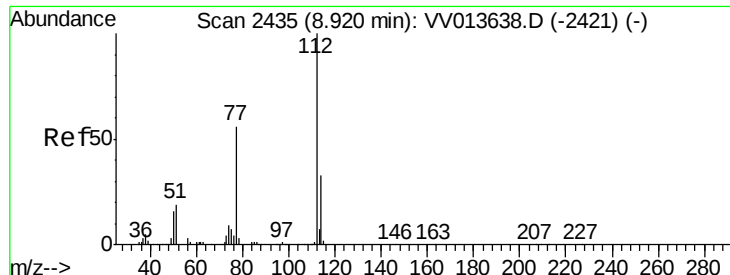
Tgt Ion: 43 Resp: 6869
Ion Ratio Lower Upper
43 100
58 50.4 43.0 64.6
57 0.0 15.4 23.2#
100 7.0 10.1 15.1#



#49
Dibromochloromethane
Concen: 0.138 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. -0.27 min
Lab File: VV013646.D
Acq: 15 Nov 2019 18:47

Tgt Ion: 129 Resp: 3219
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.3#





#51

Chlorobenzene

Concen: 4.932 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. -0.00 min

Lab File: VV013646.D

Acq: 15 Nov 2019 18:47

Instrument :

MSVOA_V

ClientSampleId :

GAQG0MSD

Tgt Ion:112 Resp: 372316

Ion Ratio Lower Upper

112 100

114 32.1 22.8 42.4

77 56.1 45.0 67.4

