

Data File : VV014259.D
Acq On : 03 Jan 2020 16:40
Operator : SY/MD
Sample : L1022-05MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0BR3MSD

Quant Time: Jan 03 22:49:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 03 22:46:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	862251	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	772682	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	363422	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	298373	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.59	69	228364	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.14	63	452254	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	3.92	46	666209	45.97	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.94%
24) Chloroform-d	4.40	84	418675	3.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.80%
26) 1,2-Dichloroethane-d4	5.08	65	274842	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.10	84	1122282	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	352172	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.36	98	1018538	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.66	79	147867	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	633494	47.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	237928	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	325800	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

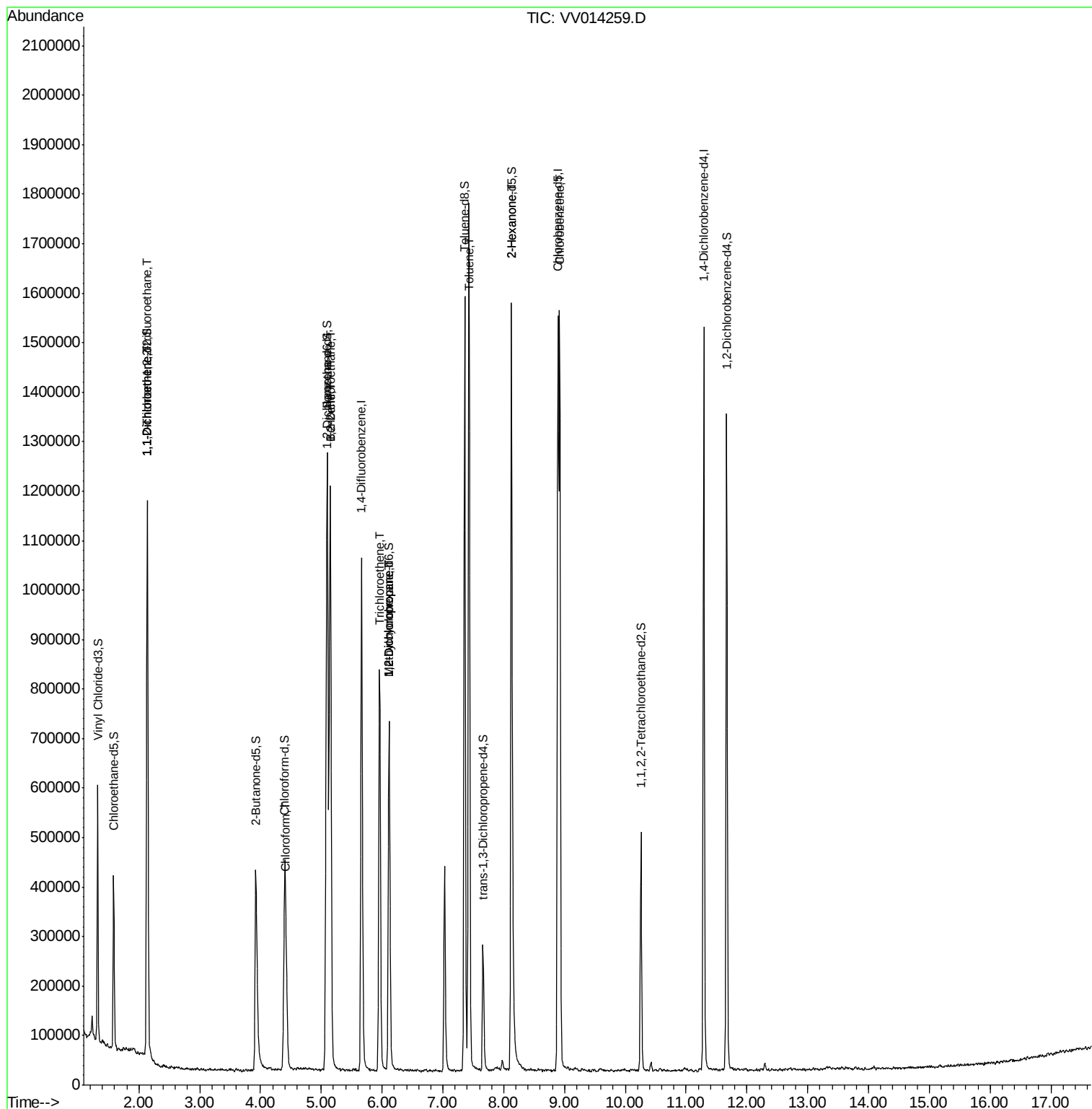
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3602	0.093	ug/L #	39
12) 1,1-Dichloroethene	2.14	96	201962	5.243	ug/L	97
25) Chloroform	4.43	83	123931	1.141	ug/L	97
27) 1,2-Dichloroethane	5.15	62	10883	0.167	ug/L #	86
33) Benzene	5.15	78	1178741	4.953	ug/L	100
34) Trichloroethene	5.96	95	293040	4.792	ug/L	98
35) Methylcyclohexane	6.11	83	82048	0.821	ug/L #	19
37) 1,2-Dichloropropane	6.12	63	39845	0.663	ug/L #	88
42) Toluene	7.43	91	1245552	4.958	ug/L	99
48) 2-Hexanone	8.13	43	76031	2.903	ug/L #	67
51) Chlorobenzene	8.92	112	757067	4.901	ug/L	97

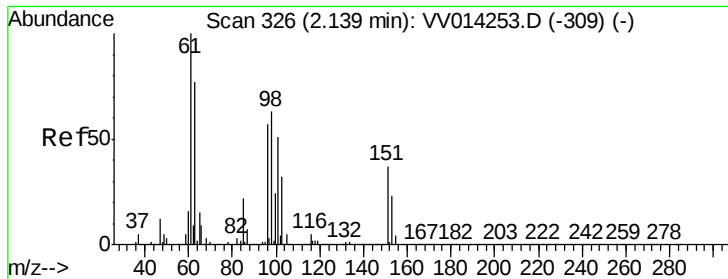
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.093 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV014259.D

Acq: 03 Jan 2020 16:40

Instrument :

MSVOA_V

ClientSampleId :

H0BR3MSD

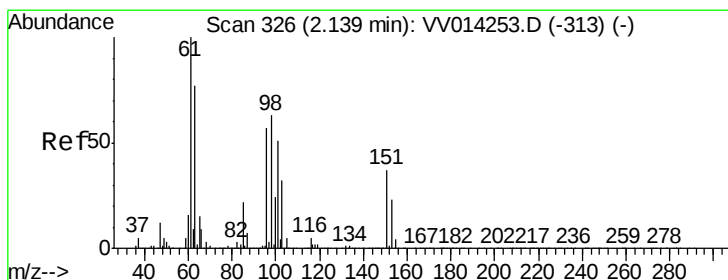
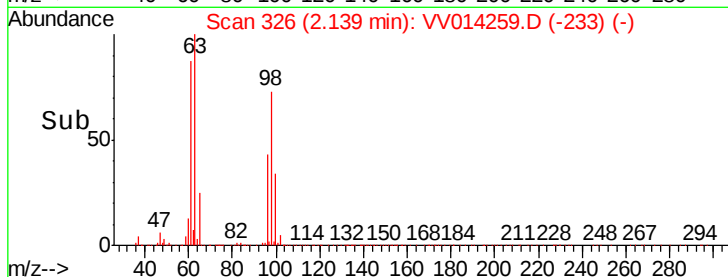
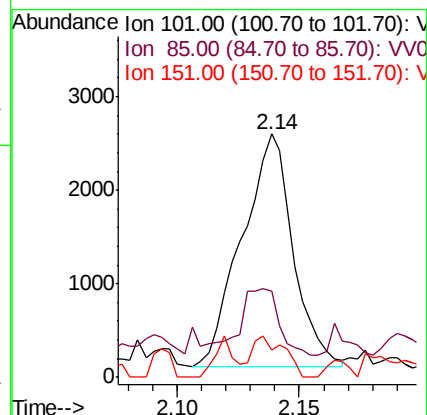
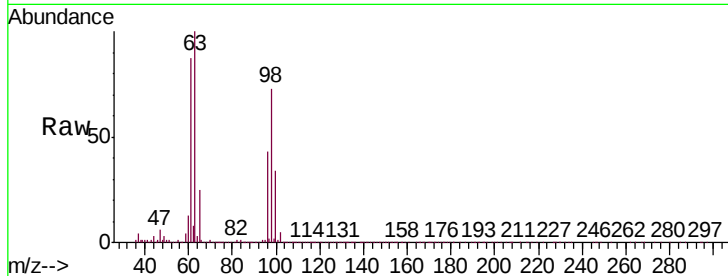
Tgt Ion: 101 Resp: 3602

Ion Ratio Lower Upper

101 100

85 21.9 34.9 52.3#

151 11.2 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 5.243 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.01 min

Lab File: VV014259.D

Acq: 03 Jan 2020 16:40

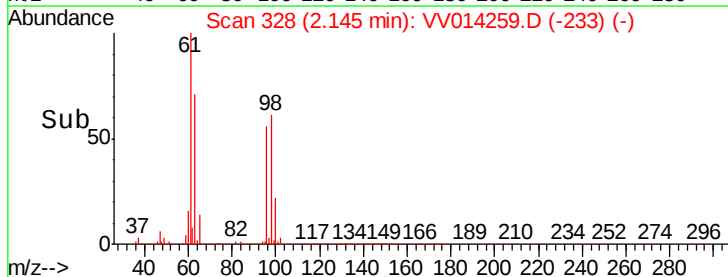
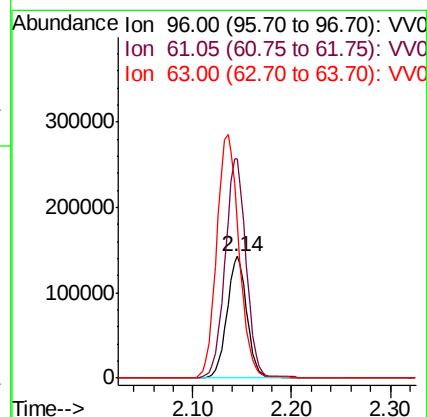
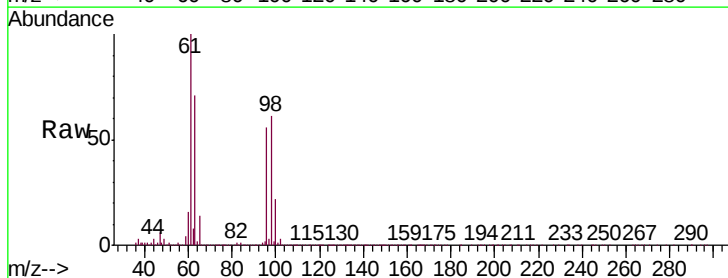
Tgt Ion: 96 Resp: 201962

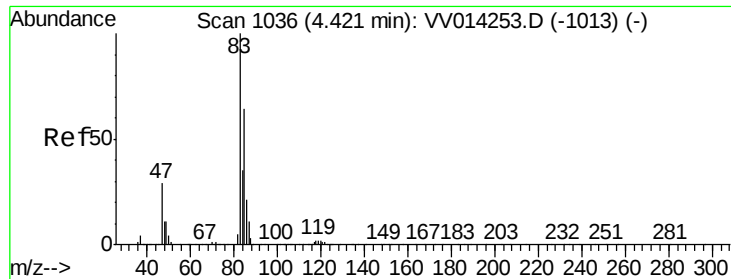
Ion Ratio Lower Upper

96 100

61 179.9 121.5 225.7

63 127.9 90.3 167.7

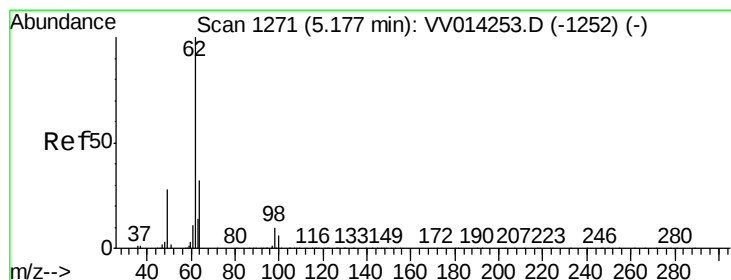
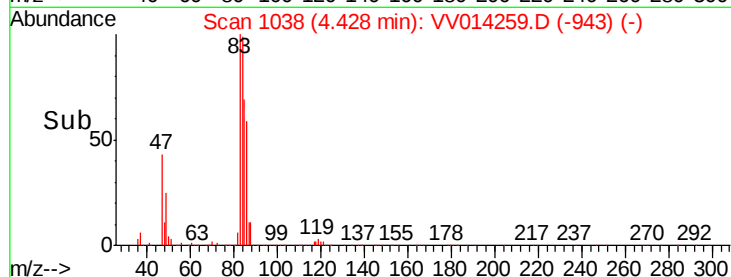
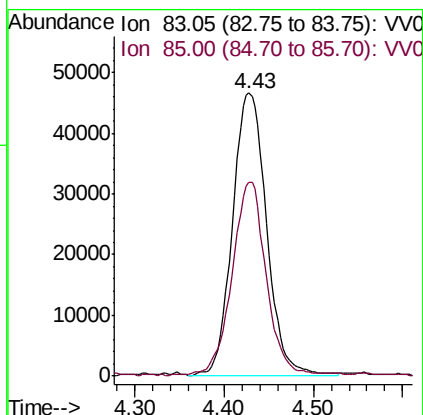
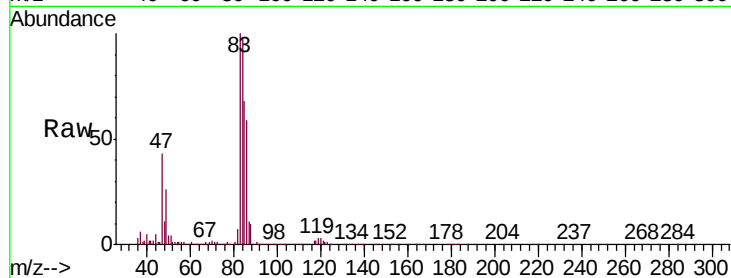




#25
Chloroform
Concen: 1.141 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014259.D
Acq: 03 Jan 2020 16:40

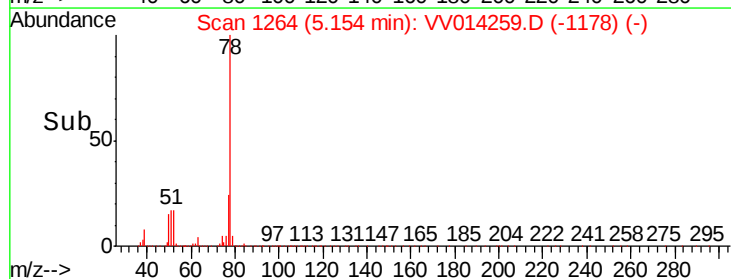
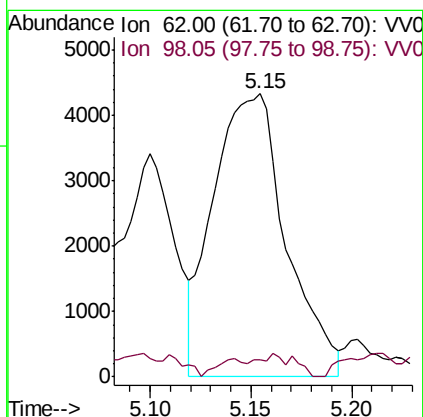
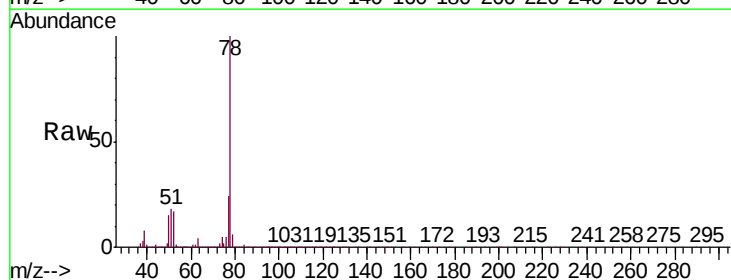
Instrument :
MSVOA_V
ClientSampleId :
H0BR3MSD

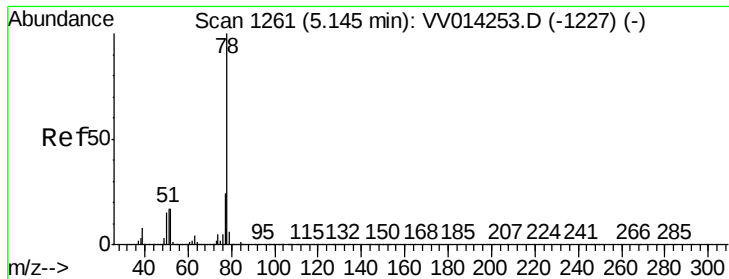
Tgt Ion: 83 Resp: 123931
Ion Ratio Lower Upper
83 100
85 68.3 46.2 85.8



#27
1,2-Dichloroethane
Concen: 0.167 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. -0.02 min
Lab File: VV014259.D
Acq: 03 Jan 2020 16:40

Tgt Ion: 62 Resp: 10883
Ion Ratio Lower Upper
62 100
98 6.2 9.2 13.8#





#33

Benzene

Concen: 4.953 ug/L

RT: 5.15 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VV014259.D

Acq: 03 Jan 2020 16:40

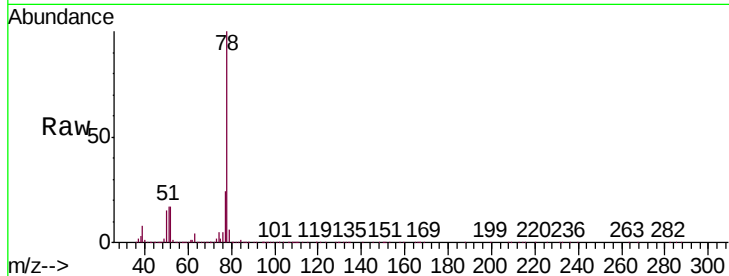
Instrument :

MSVOA_V

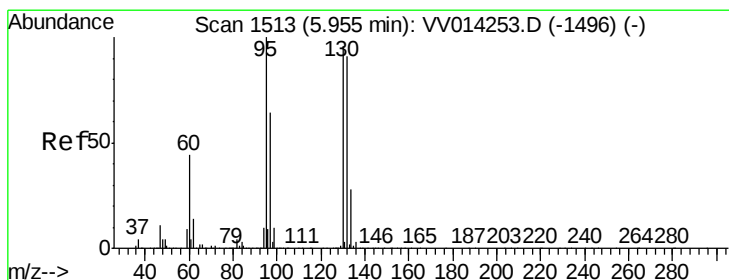
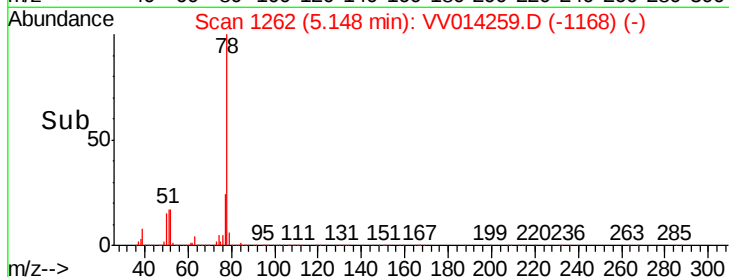
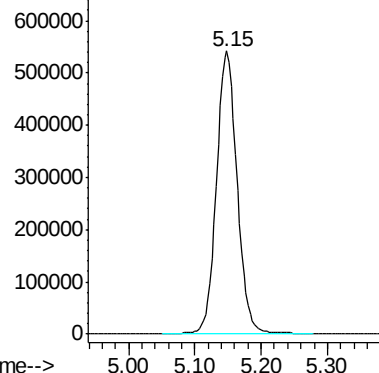
ClientSampleId :

H0BR3MSD

Tgt Ion: 78 Resp: 1178741



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.792 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV014259.D

Acq: 03 Jan 2020 16:40

Tgt Ion: 95 Resp: 293040

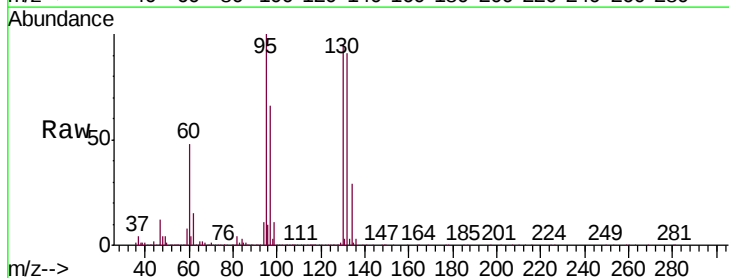
Ion	Ratio	Lower	Upper
95	100		
97	65.6	43.8	81.3
132	91.0	63.4	117.8
130	95.0	65.7	122.1

95 100

97 65.6 43.8 81.3

132 91.0 63.4 117.8

130 95.0 65.7 122.1

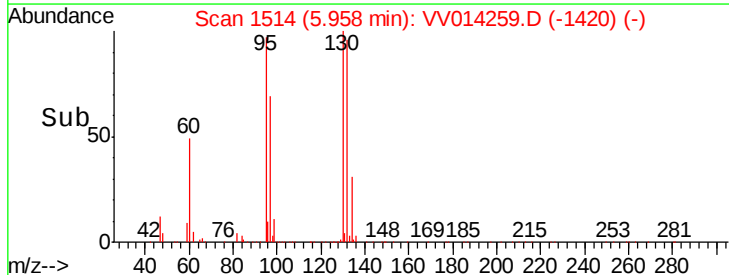
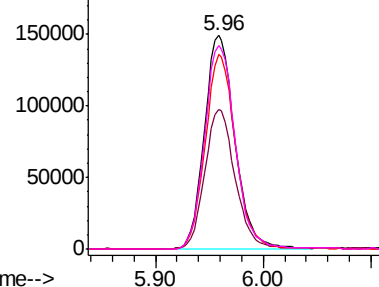


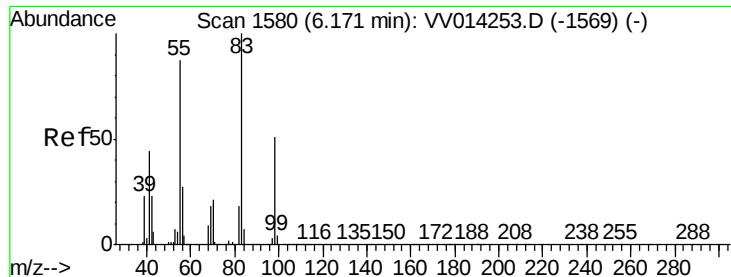
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

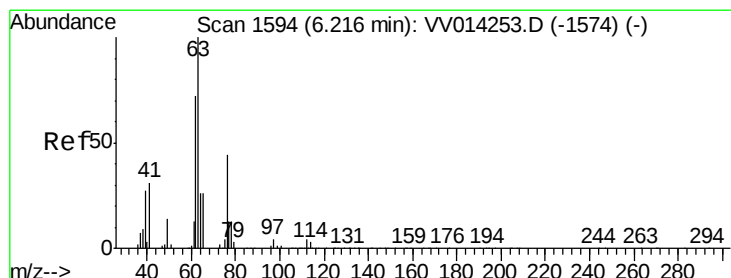
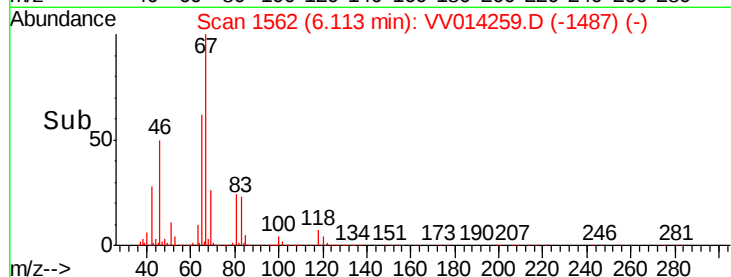
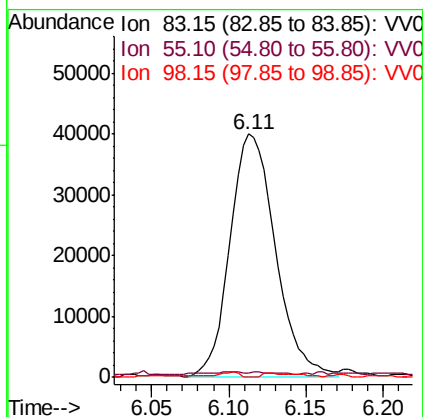
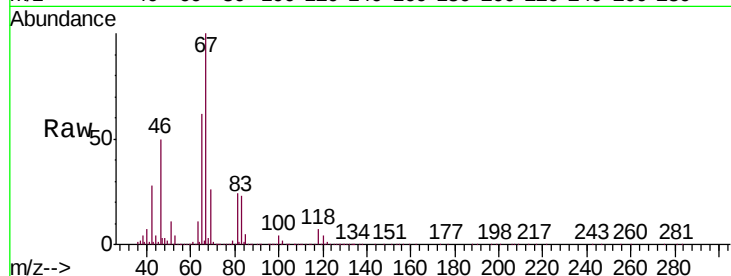




#35
Methylcyclohexane
Concen: 0.821 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014259.D
Acq: 03 Jan 2020 16:40

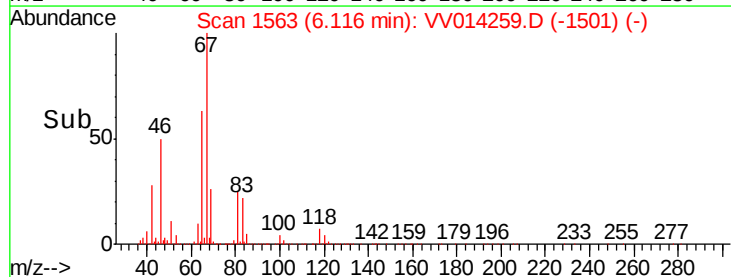
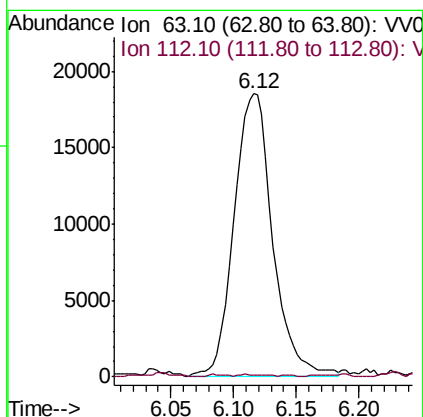
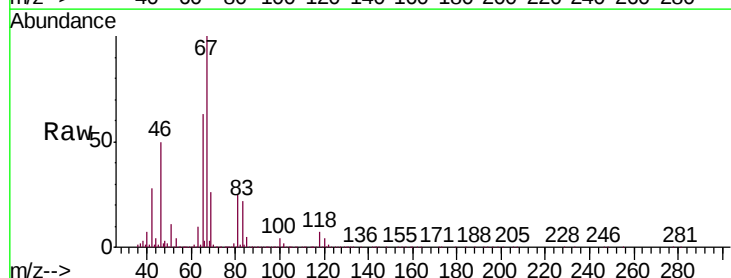
Instrument :
MSVOA_V
ClientSampleId :
H0BR3MSD

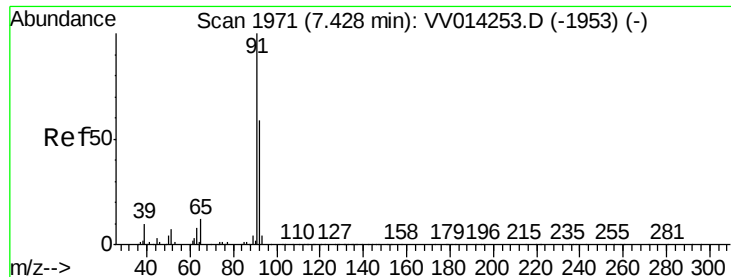
Tgt Ion: 83 Resp: 82048
Ion Ratio Lower Upper
83 100
55 1.1 61.7 92.5#
98 1.2 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.663 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014259.D
Acq: 03 Jan 2020 16:40

Tgt Ion: 63 Resp: 39845
Ion Ratio Lower Upper
63 100
112 0.7 3.7 5.5#





#42

Toluene

Concen: 4.958 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VV014259.D

Acq: 03 Jan 2020 16:40

Instrument :

MSVOA_V

ClientSampleId :

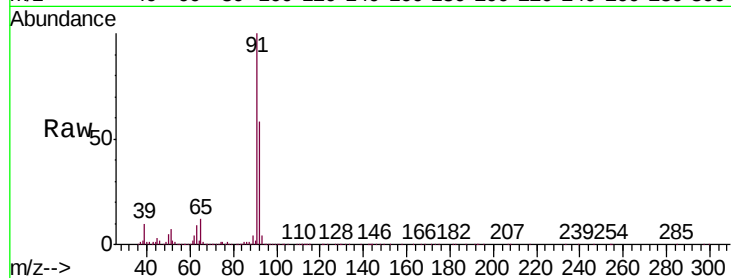
H0BR3MSD

Tgt Ion: 91 Resp: 1245552

Ion Ratio Lower Upper

91 100

92 58.0 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

800000

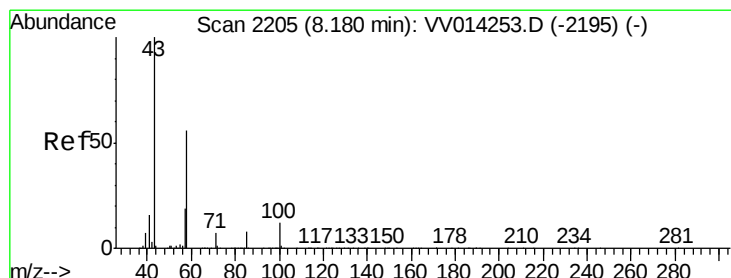
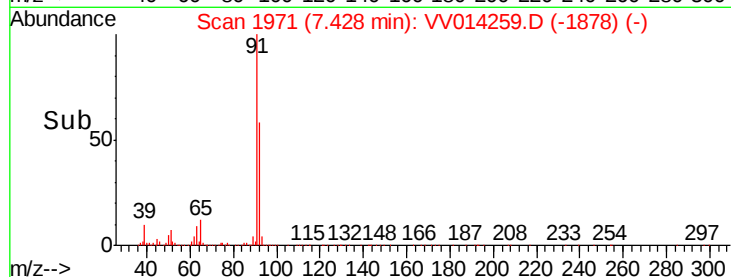
600000

400000

200000

0

Time--> 7.30 7.40 7.50



#48

2-Hexanone

Concen: 2.903 ug/L

RT: 8.13 min Scan# 2188

Delta R.T. -0.05 min

Lab File: VV014259.D

Acq: 03 Jan 2020 16:40

Tgt Ion: 43 Resp: 76031

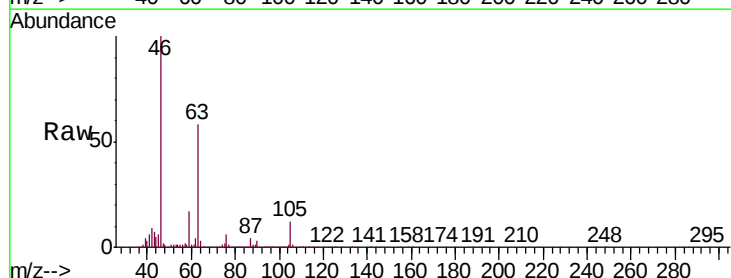
Ion Ratio Lower Upper

43 100

58 24.2 45.4 68.0#

57 21.5 15.8 23.8

100 0.2 10.2 15.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

60000

50000

40000

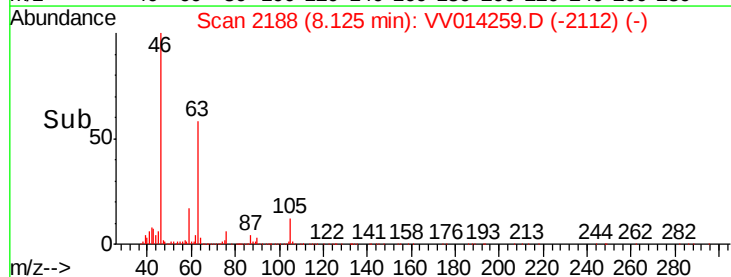
30000

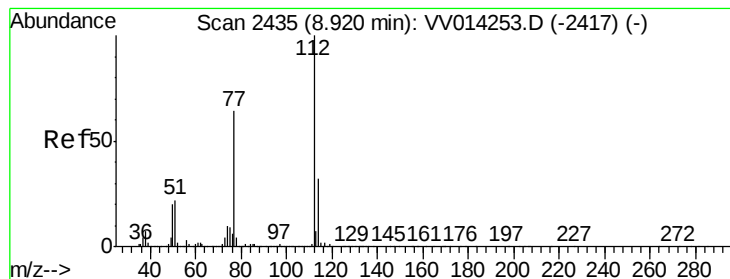
20000

10000

0

Time--> 8.10 8.20





#51
 Chlorobenzene
 Concen: 4.901 ug/L
 RT: 8.92 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: VV014259.D
 Acq: 03 Jan 2020 16:40

Instrument :
 MSVOA_V
 ClientSampleId :
 H0BR3MSD

Tgt Ion:	112	Resp:	757067
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	65.0	49.3	73.9

