

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013623.D
 Acq On : 14 Nov 2019 15:47
 Operator : SY/MD
 Sample : K5855-07MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 15 02:44:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	349412	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	361552	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	151900	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	116353	5.19	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.80%
7) Chloroethane-d5	1.58	69	101657	5.68	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.13	63	207096	5.39	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.80%
20) 2-Butanone-d5	3.92	46	272769	67.86	ug/L	-0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.72%#
24) Chloroform-d	4.40	84	231159	6.00	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.00%
26) 1,2-Dichloroethane-d4	5.08	65	120734	6.43	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.60%
32) Benzene-d6	5.10	84	436337	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.11	67	142376	4.76	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	360595	4.08	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
43) trans-1,3-Dichloropropene-	7.66	79	52911	4.76	ug/L	-0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.13	63	205830	46.41	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91571	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	150082	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

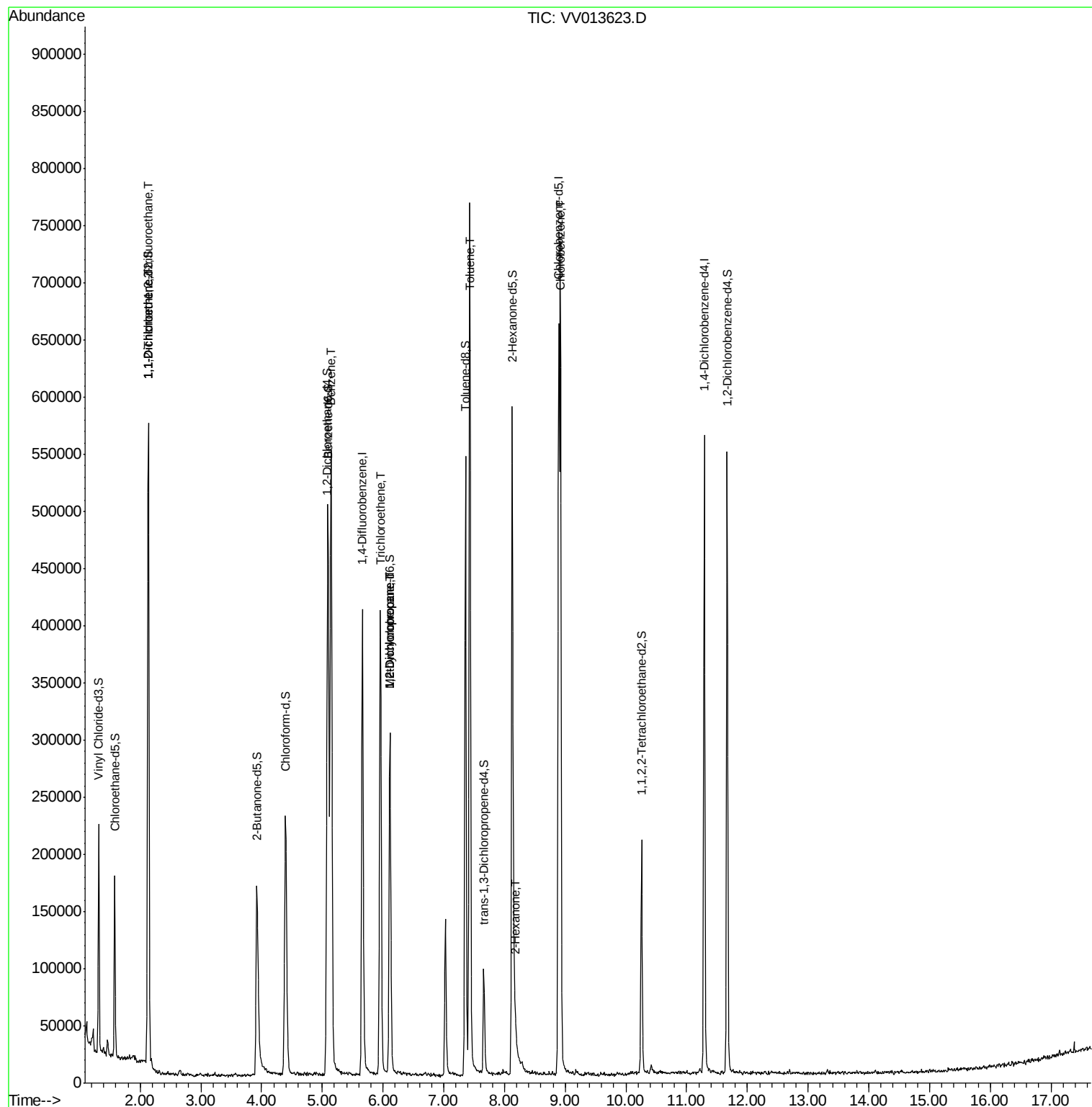
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1751	0.080	ug/L #	17
12) 1,1-Dichloroethene	2.14	96	114567	5.641	ug/L	100
33) Benzene	5.14	78	544444	5.154	ug/L	100
34) Trichloroethene	5.96	95	134157	4.525	ug/L	99
35) Methylcyclohexane	6.11	83	34279	0.796	ug/L #	17
37) 1,2-Dichloropropane	6.11	63	14610	0.536	ug/L #	100
42) Toluene	7.43	91	540197	4.709	ug/L	99
48) 2-Hexanone	8.18	43	14879	1.386	ug/L #	74
51) Chlorobenzene	8.92	112	377696	5.024	ug/L	99

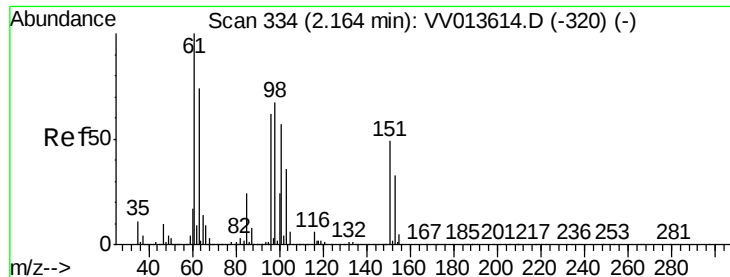
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 15 02:40:46 2019
Response via : Initial Calibration





#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.04 min

Lab File: VV013623.D

Acq: 14 Nov 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

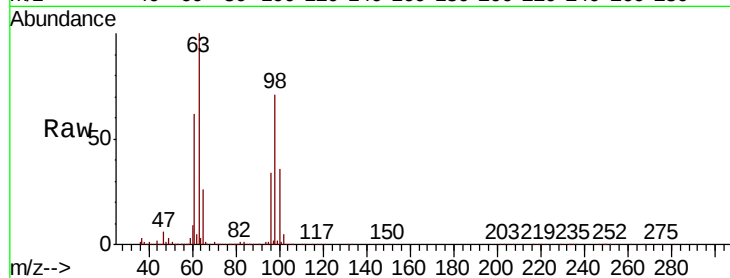
Tot Ion:101 Resp: 1751

Ion Ratio Lower Upper

101 100

85 4.8 33.1 49.7#

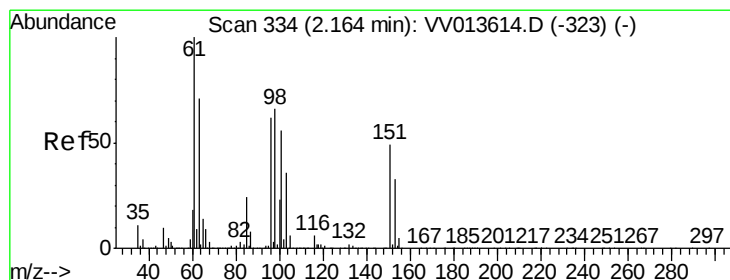
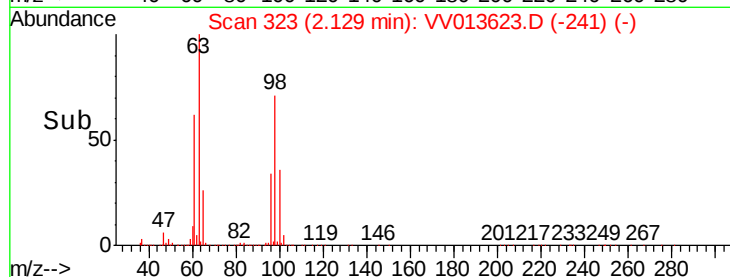
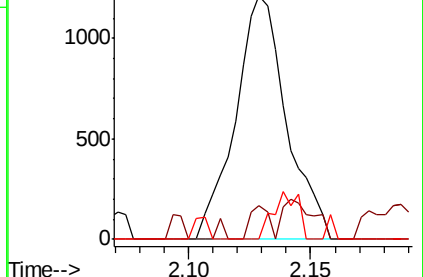
151 0.0 69.5 104.3#



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: 5.641 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.03 min

Lab File: VV013623.D

Acq: 14 Nov 2019 15:47

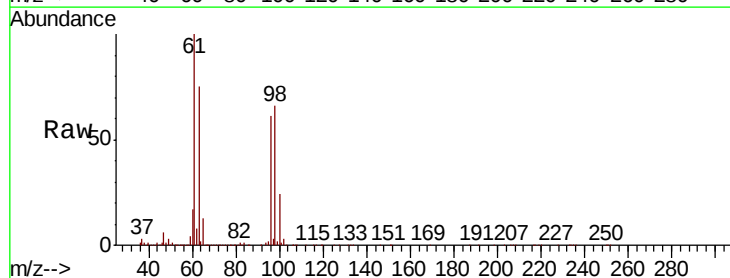
Tgt Ion: 96 Resp: 114567

Ion Ratio Lower Upper

96 100

61 165.1 115.6 214.6

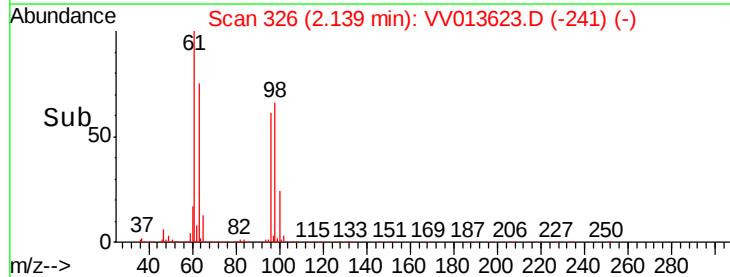
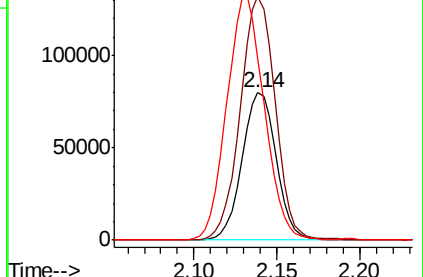
63 123.5 87.2 162.0

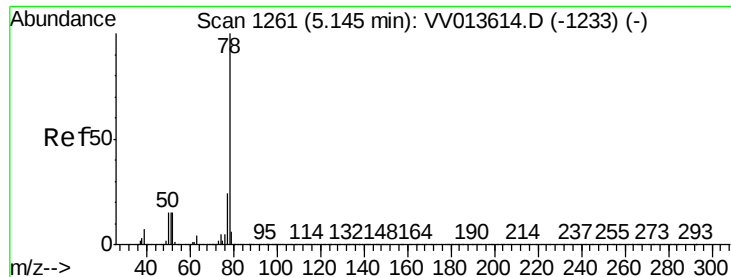


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#33

Benzene

Concen: 5.154 ug/L

RT: 5.14 min Scan# 1261

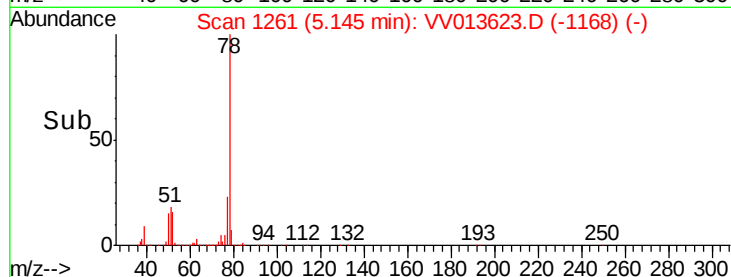
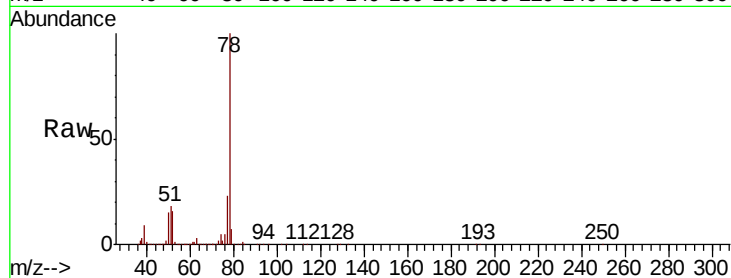
Delta R.T. 0.00 min

Lab File: VV013623.D

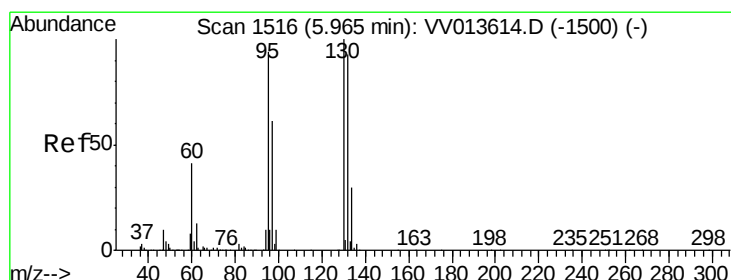
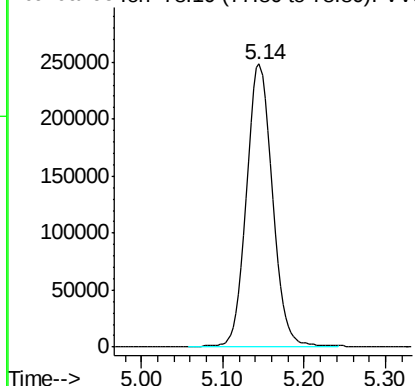
Acq: 14 Nov 2019 15:47

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 544444



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.525 ug/L

RT: 5.96 min Scan# 1513

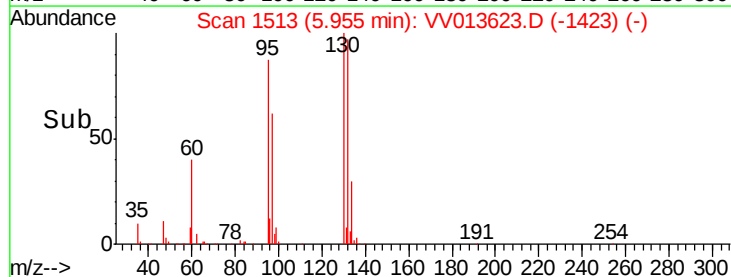
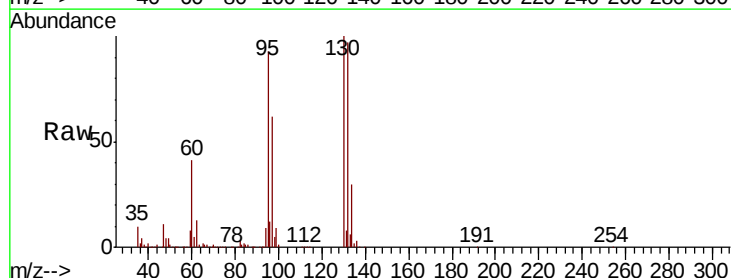
Delta R.T. -0.01 min

Lab File: VV013623.D

Acq: 14 Nov 2019 15:47

Tgt Ion: 95 Resp: 134157

Ion	Ratio	Lower	Upper
95	100		
97	66.4	47.0	87.4
132	104.6	72.2	134.0
130	107.3	75.7	140.7

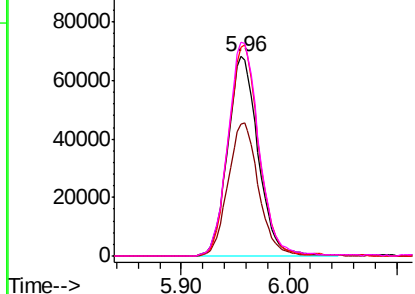


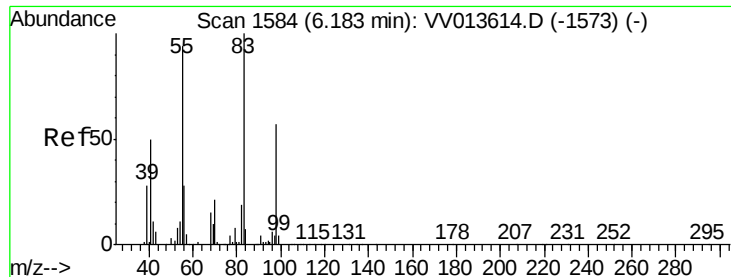
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

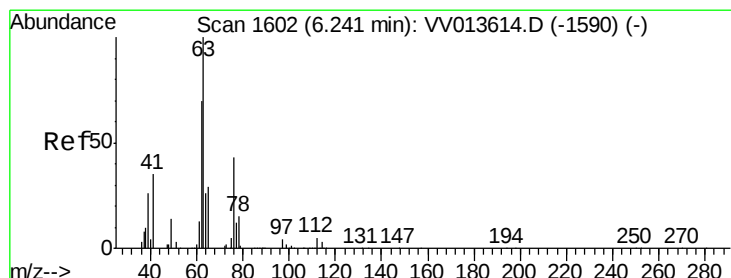
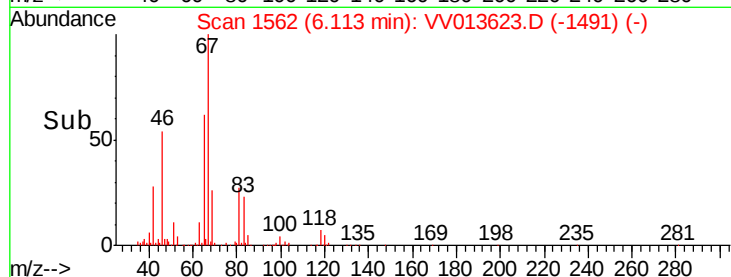
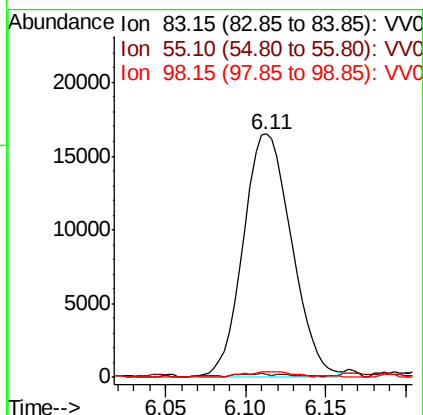
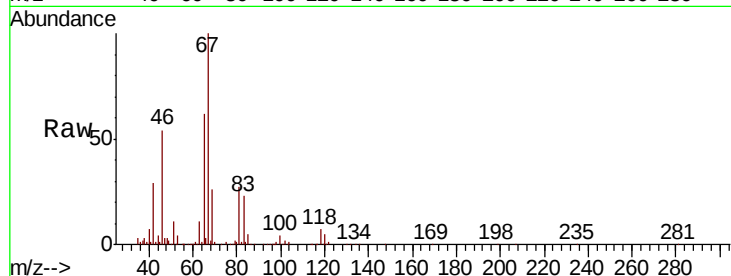




#35
Methvlcvclohexane
Concen: 0.796 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.07 min
Lab File: VV013623.D
Acq: 14 Nov 2019 15:47

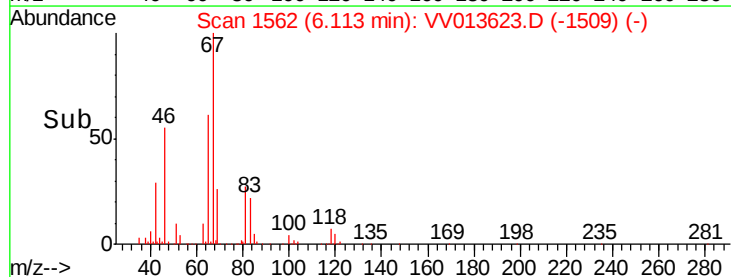
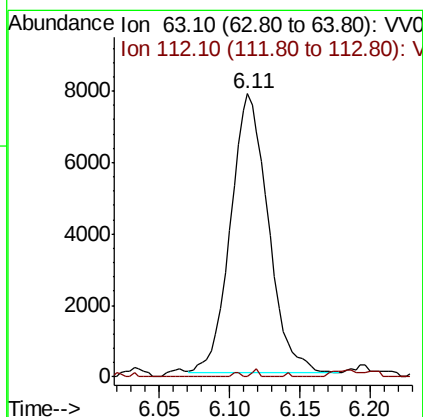
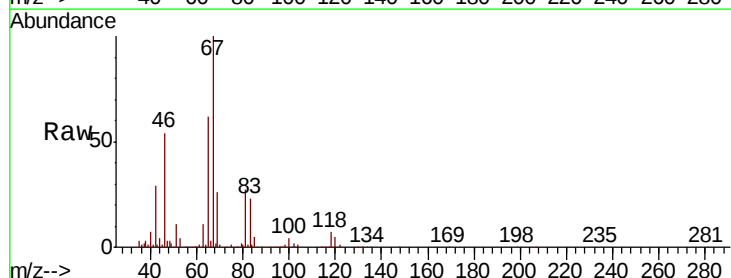
Instrument :
MSVOA_V
ClientSampleId :

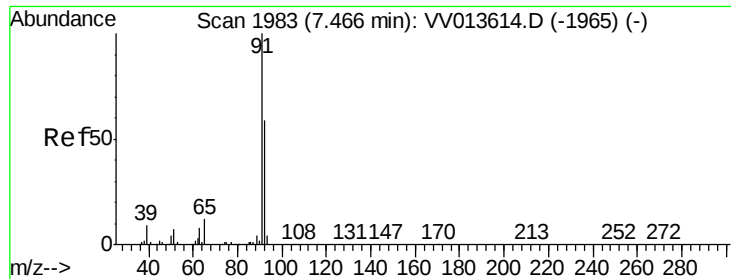
Tot Ion: 83 Resp: 34279
Ion Ratio Lower Upper
83 100
55 0.3 67.0 100.4#
98 2.4 38.5 57.7#



#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.13 min
Lab File: VV013623.D
Acq: 14 Nov 2019 15:47

Tgt Ion: 63 Resp: 14610
Ion Ratio Lower Upper
63 100
112 0.4 0.2 0.2#





#42

Toluene

Concen: 4.709 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. -0.04 min

Lab File: VV013623.D

Acq: 14 Nov 2019 15:47

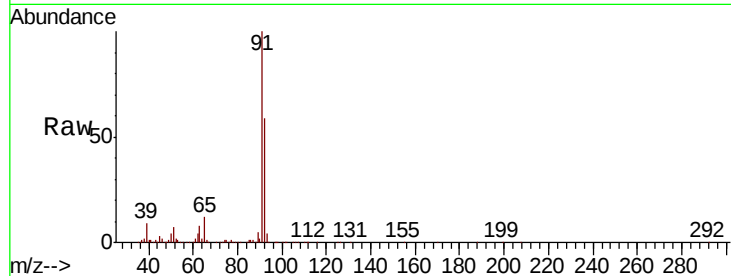
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 540197

Ion Ratio Lower Upper

91 100

92 59.1 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

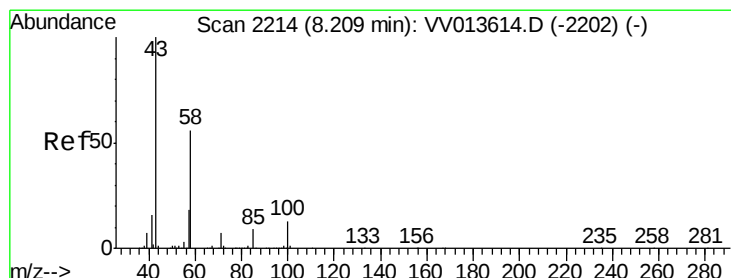
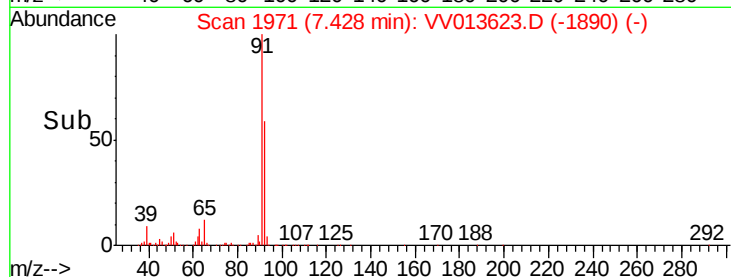
300000

200000

100000

0

Time--> 7.30 7.40 7.50



#48

2-Hexanone

Concen: 1.386 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.03 min

Lab File: VV013623.D

Acq: 14 Nov 2019 15:47

Tgt Ion: 43 Resp: 14879

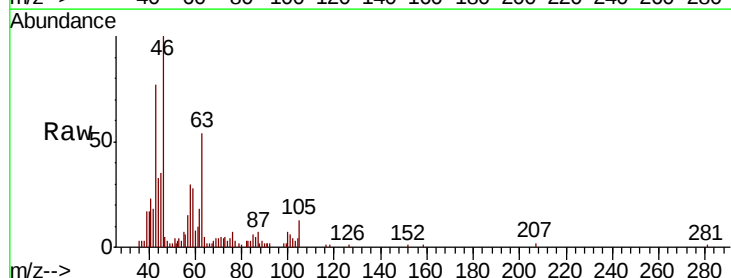
Ion Ratio Lower Upper

43 100

58 40.8 45.1 67.7#

57 0.0 14.6 21.8#

100 3.7 10.2 15.2#



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

20000

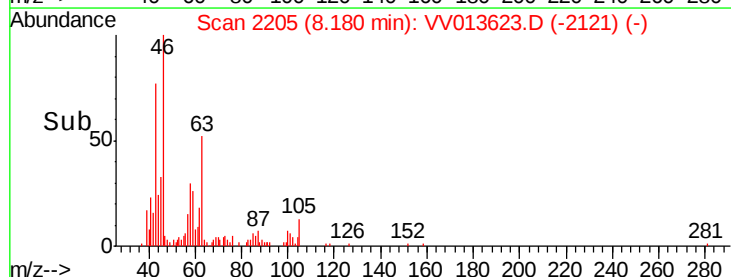
15000

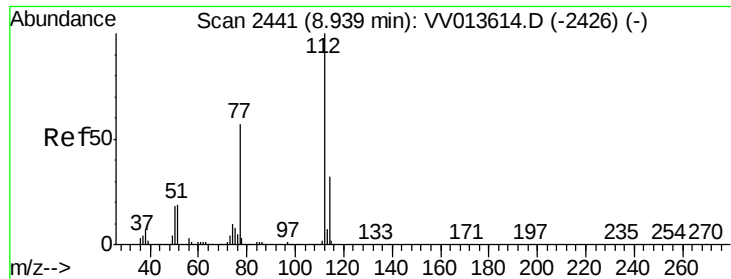
10000

5000

0

Time--> 8.15 8.20 8.25





#51

Chlorobenzene

Concen: 5.024 ug/L

RT: 8.92 min Scan# 2435

Delta R.T. -0.02 min

Lab File: VV013623.D

Acq: 14 Nov 2019 15:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:112 Resp: 377696

Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

77 57.3 46.0 69.0

