

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011420\
 Data File : VV014290.D
 Acq On : 14 Jan 2020 10:35
 Operator : SY/MD
 Sample : VV0114WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 14 22:21:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 14 22:19:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	887429	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	802978	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	368915	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	279281	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.59	69	227313	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.13	63	354282	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.96	46	748312	50.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.34%
24) Chloroform-d	4.40	84	597433	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.08	65	297492	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	1271019	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.12	67	389089	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.36	98	1144376	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	7.66	79	166035	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.13	63	678957	48.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.60%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	262835	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	361986	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

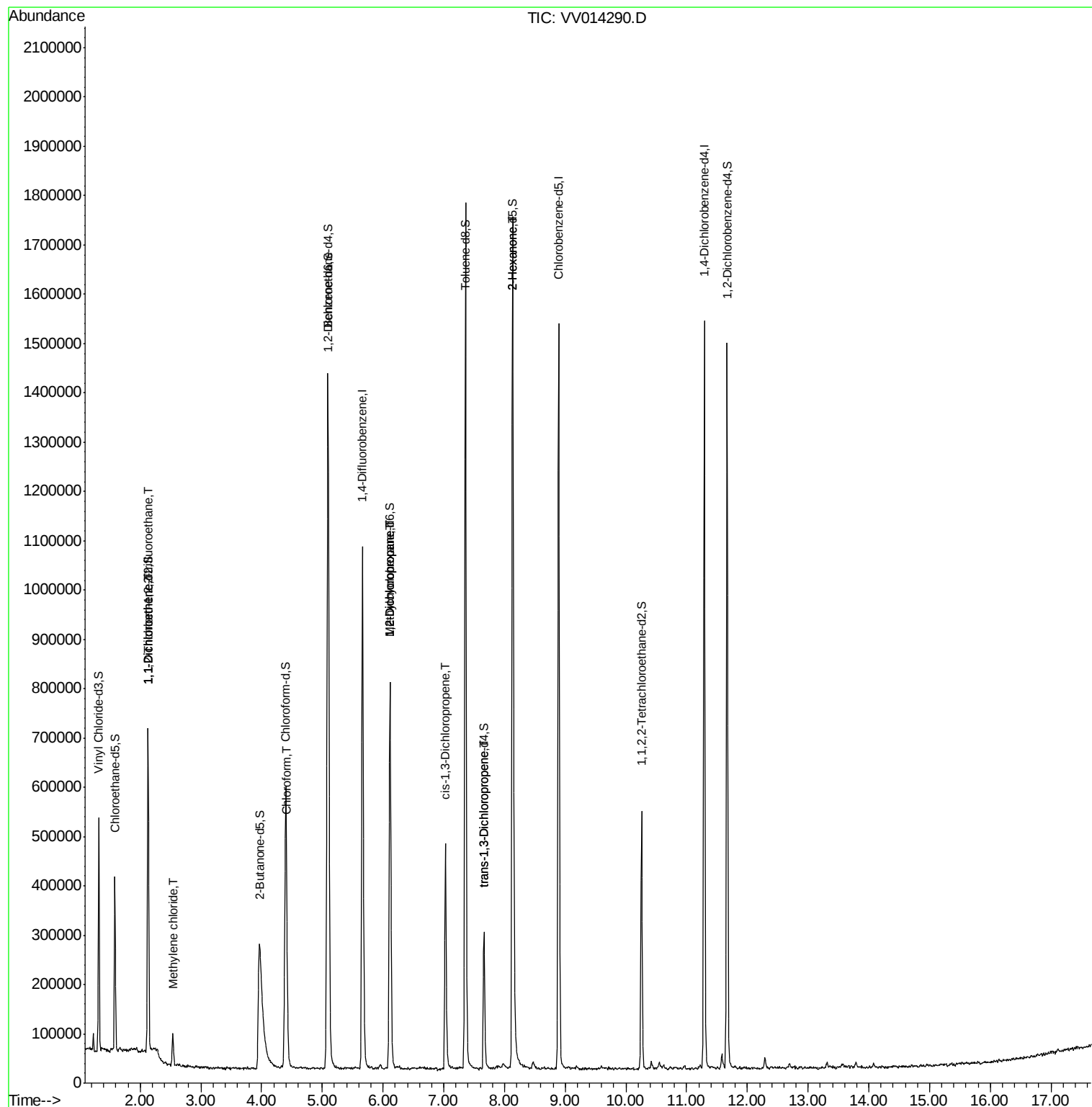
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3170	0.080 ug/L #	37
12) 1,1-Dichloroethene	2.13	96	2945	0.074 ug/L #	1
16) Methylene chloride	2.54	84	30249	0.469 ug/L	97
25) Chloroform	4.42	83	12825	0.115 ug/L	84
35) Methylcyclohexane	6.12	83	94117	0.906 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	42112	0.675 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	10848	0.107 ug/L #	59
44) trans-1,3-Dichloropropene	7.66	75	6986	0.090 ug/L	85
48) 2-Hexanone	8.13	43	79314	2.914 ug/L #	69

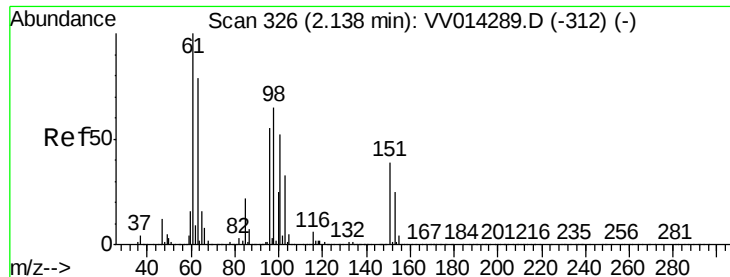
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV011420\
Data File : VV014290.D
Acq On : 14 Jan 2020 10:35
Operator : SY/MD
Sample : VV0114WBL01
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jan 14 22:21:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 14 22:19:33 2020
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. -0.01 min

Lab File: VV014290.D

Acq: 14 Jan 2020 10:35

Instrument :

MSVOA_V

ClientSampleId :

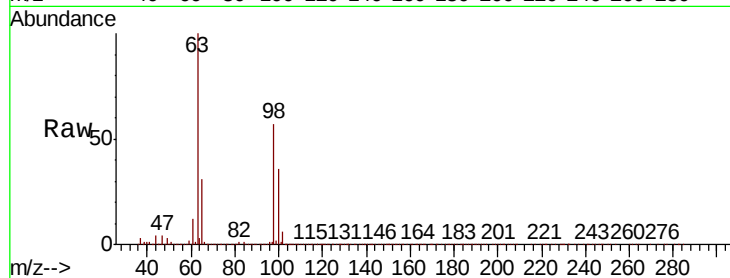
Tot Ion:101 Resp: 3170

Ion Ratio Lower Upper

101 100

85 20.4 34.9 52.3#

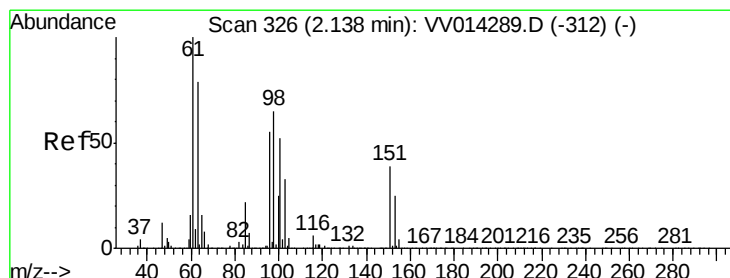
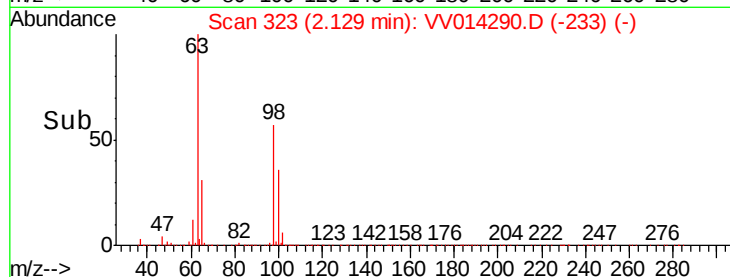
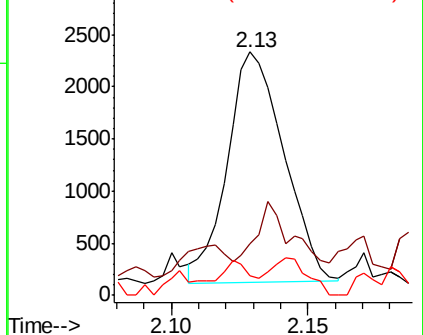
151 10.6 62.5 93.7#



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: 0.074 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014290.D

Acq: 14 Jan 2020 10:35

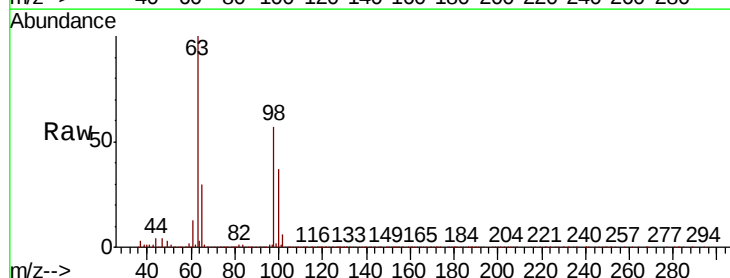
Tgt Ion: 96 Resp: 2945

Ion Ratio Lower Upper

96 100

61 1393.5 121.5 225.7#

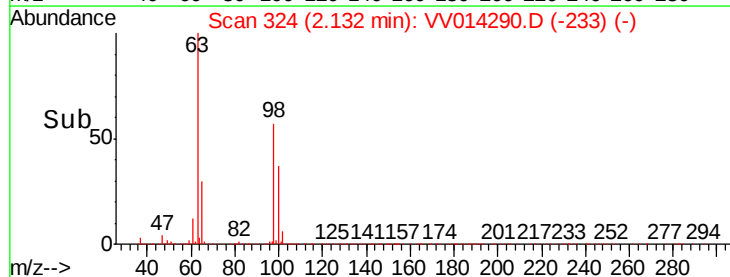
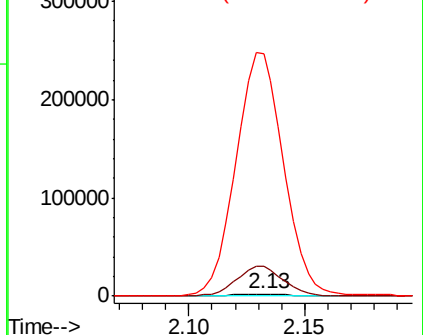
63 11102.3 90.3 167.7#

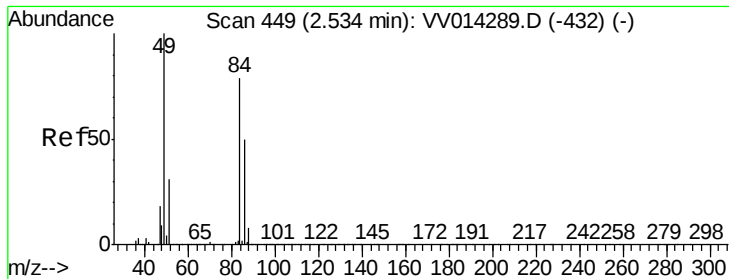


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

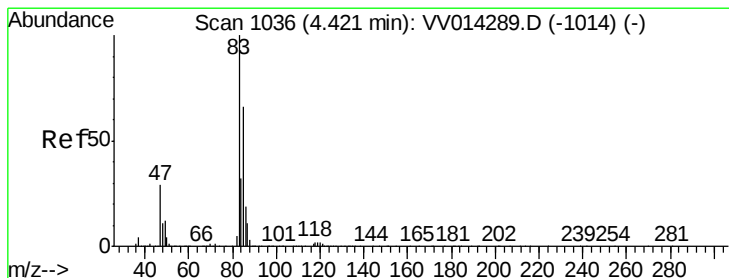
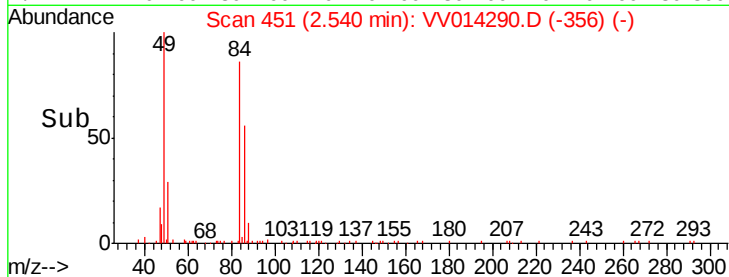
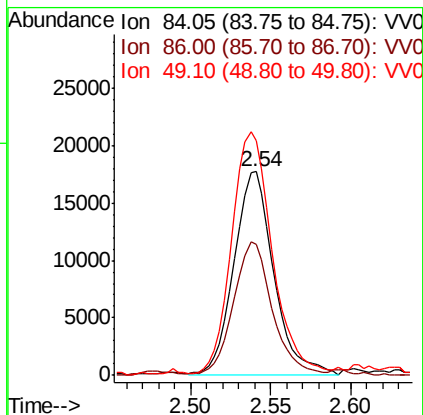
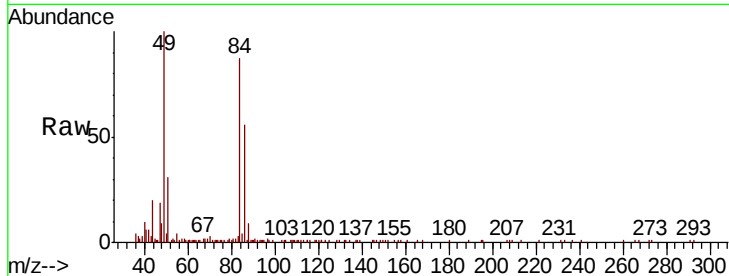




#16
Methvlene chloride
Concen: 0.469 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV014290.D
Acq: 14 Jan 2020 10:35

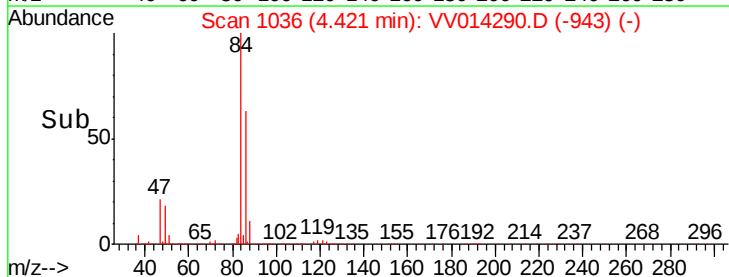
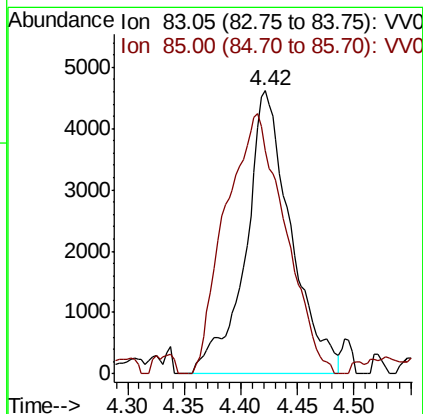
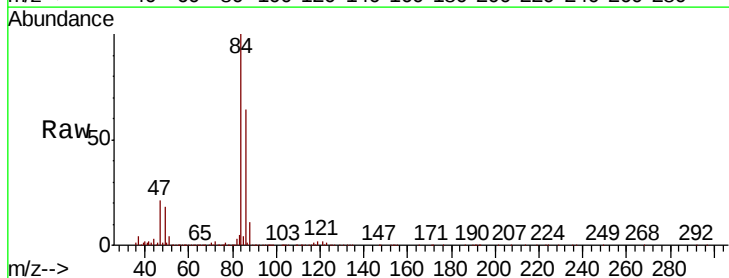
Instrument :
MSVOA_V
ClientSampled :

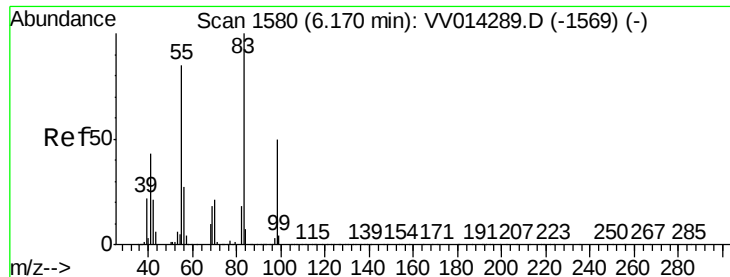
Tot Ion: 84 Resp: 30249
Ion Ratio Lower Upper
84 100
86 64.6 43.1 80.1
49 115.0 82.1 152.5



#25
Chloroform
Concen: 0.115 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV014290.D
Acq: 14 Jan 2020 10:35

Tgt Ion: 83 Resp: 12825
Ion Ratio Lower Upper
83 100
85 79.0 46.2 85.8





#35

Methylcyclohexane

Concen: 0.906 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

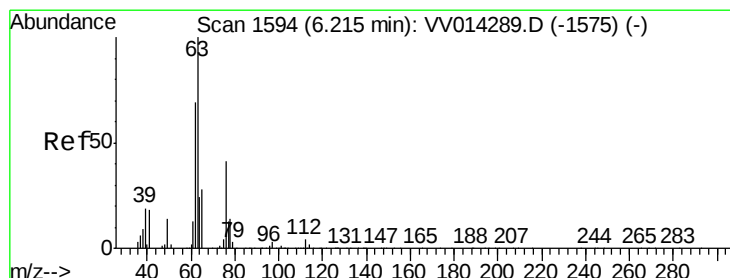
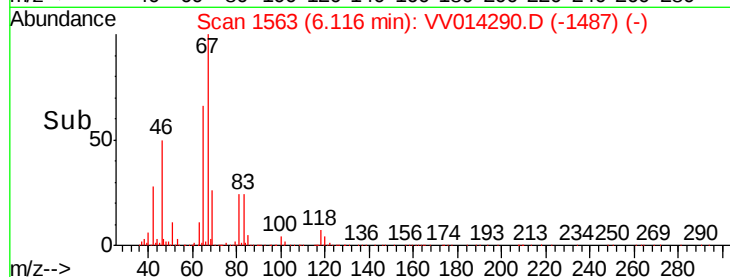
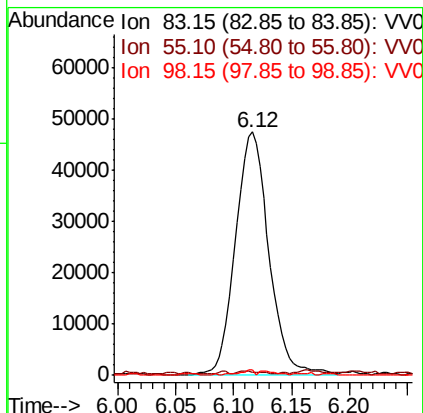
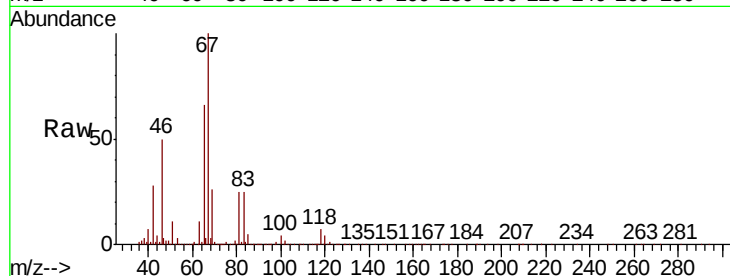
Lab File: VV014290.D

Acq: 14 Jan 2020 10:35

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 94117

Ion	Ratio	Lower	Upper
83	100		
55	0.6	61.7	92.5#
98	0.8	38.1	57.1#



#37

1,2-Dichloropropane

Concen: 0.675 ug/L

RT: 6.11 min Scan# 1562

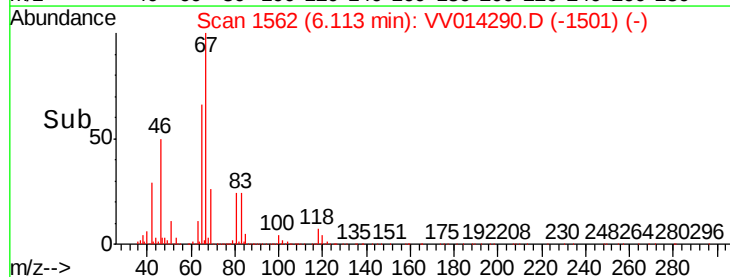
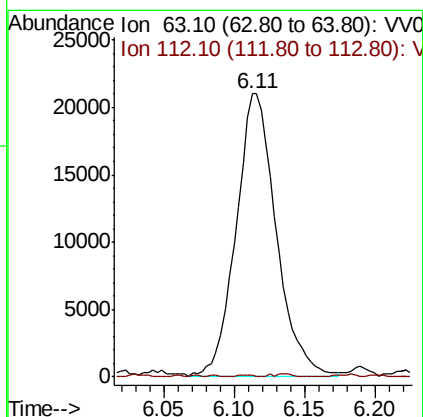
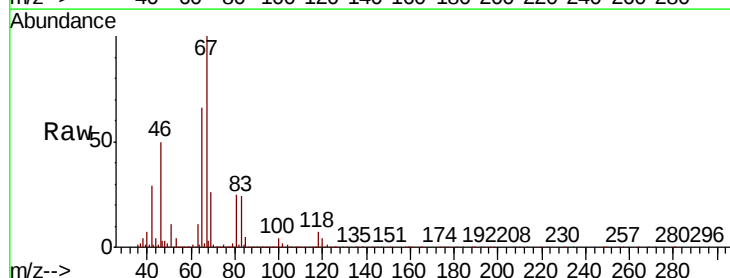
Delta R.T. -0.10 min

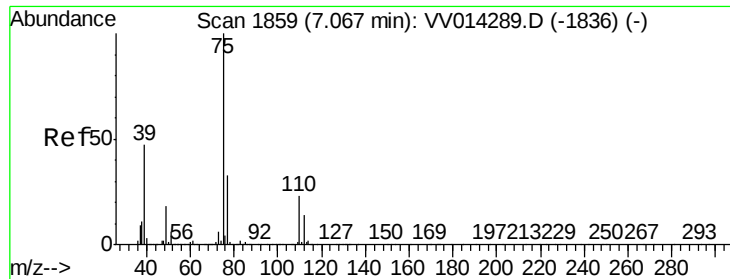
Lab File: VV014290.D

Acq: 14 Jan 2020 10:35

Tgt Ion: 63 Resp: 42112

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.7	5.5#



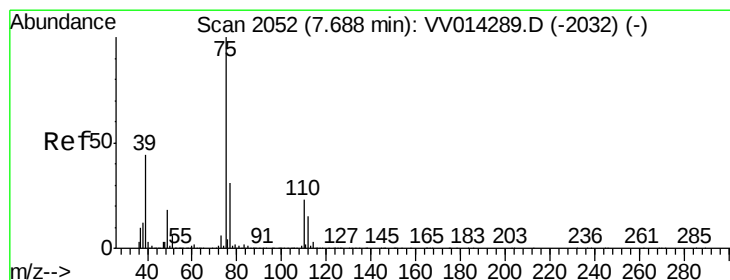
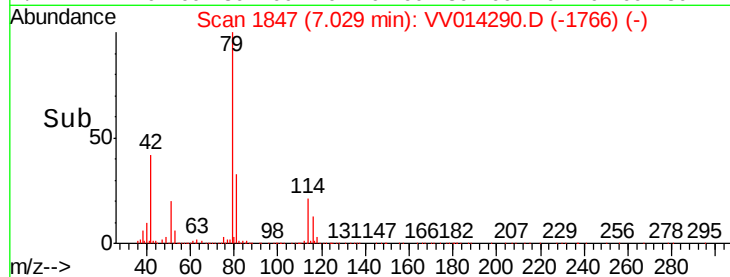
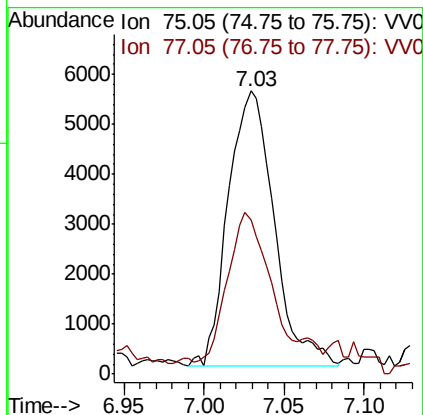
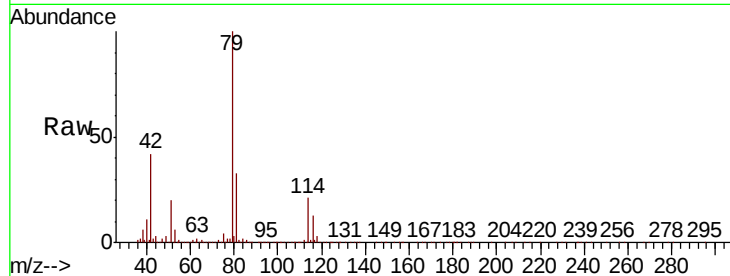


#39

cis-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV014290.D
Acq: 14 Jan 2020 10:35

Instrument :
MSVOA_V
ClientSampled :

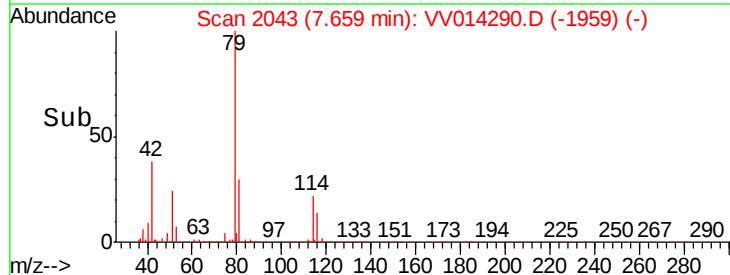
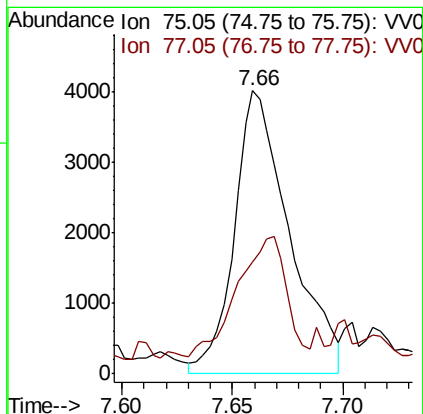
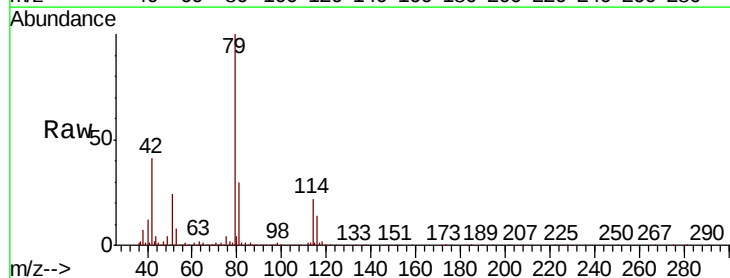
Tot Ion: 75 Resp: 10848
Ion Ratio Lower Upper
75 100
77 54.6 22.4 41.6#

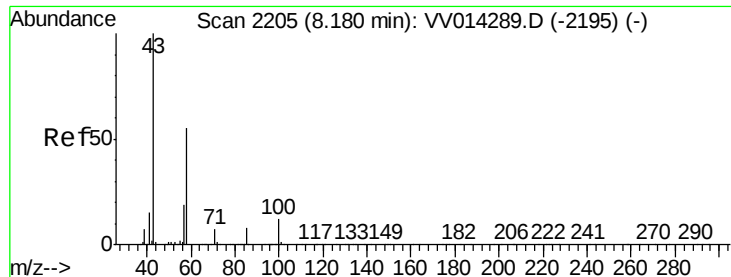


#44

trans-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 7.66 min Scan# 2043
Delta R.T. -0.03 min
Lab File: VV014290.D
Acq: 14 Jan 2020 10:35

Tgt Ion: 75 Resp: 6986
Ion Ratio Lower Upper
75 100
77 39.6 22.0 41.0





#48

2-Hexanone

Concen: 2.914 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014290.D

Acq: 14 Jan 2020 10:35

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 79314

Ion Ratio Lower Upper

43 100

58 27.3 45.4 68.0#

57 21.5 15.8 23.8

100 0.3 10.2 15.4#

