

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011320\
 Data File : VV014285.D
 Acq On : 13 Jan 2020 18:23
 Operator : SY/MD
 Sample : L1101-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GASD1

Quant Time: Jan 14 15:15:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 14 15:11:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	902245	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	819879	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	373361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	272964	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.59	69	224072	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	347140	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.94	46	826911	54.53	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.06%
24) Chloroform-d	4.40	84	606801	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	308075	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	1259239	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.12	67	407657	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.36	98	1118512	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.66	79	164566	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.13	63	750565	52.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.66%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	280590	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	362803	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

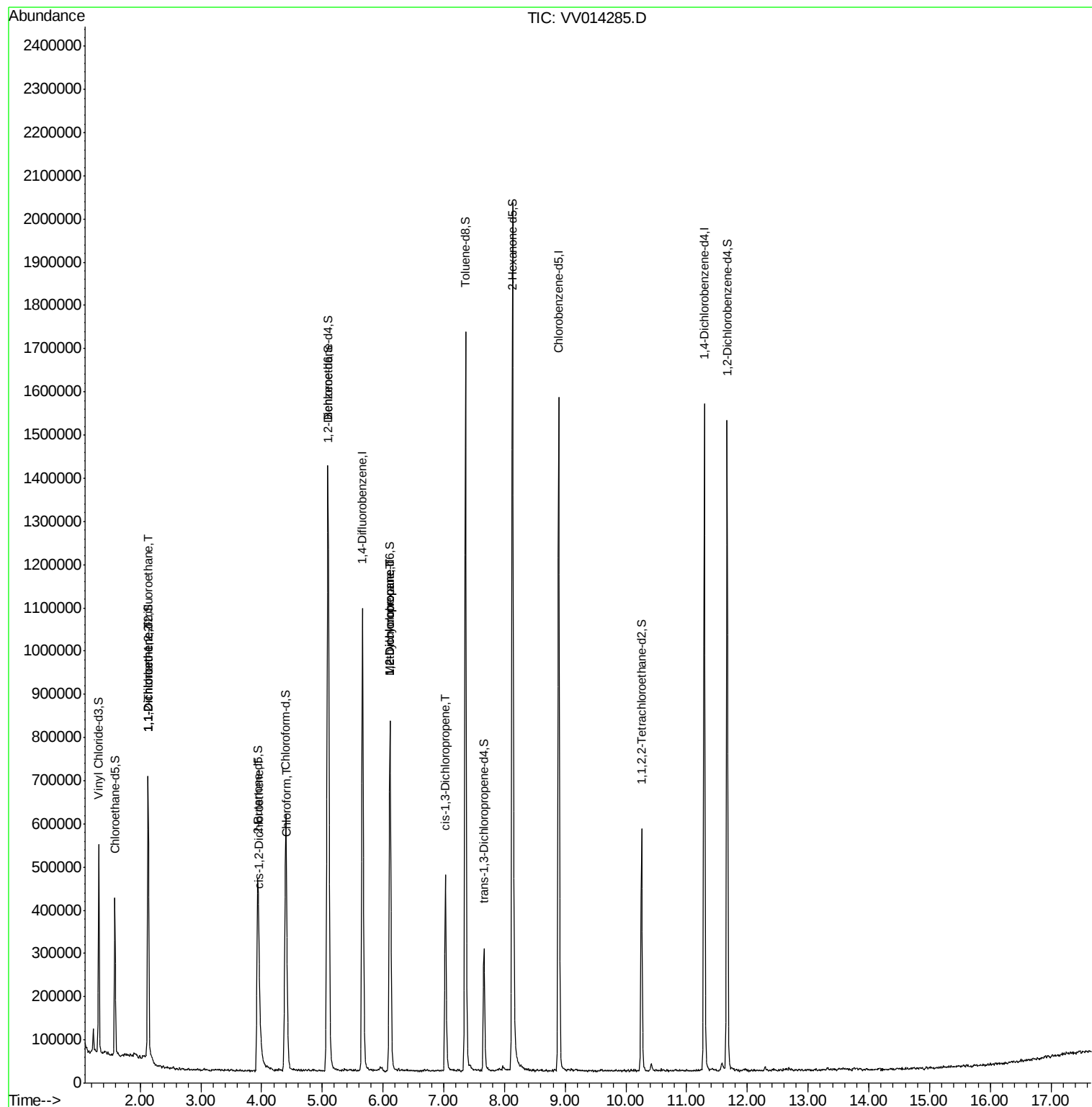
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3248	0.080 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	2941	0.073 ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	5087	0.077 ug/L #	99
25) Chloroform	4.42	83	15892	0.140 ug/L	79
35) Methylcyclohexane	6.12	83	94932	0.895 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	43014	0.675 ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	9773	0.095 ug/L #	65

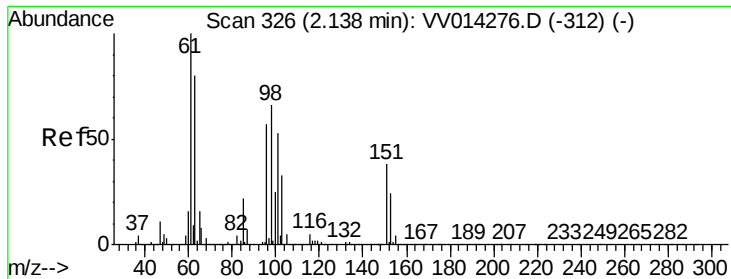
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 14 15:11:28 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: VV014285.D

Acq: 13 Jan 2020 18:23

Instrument :

MSVOA_V

ClientSampled :

GASD1

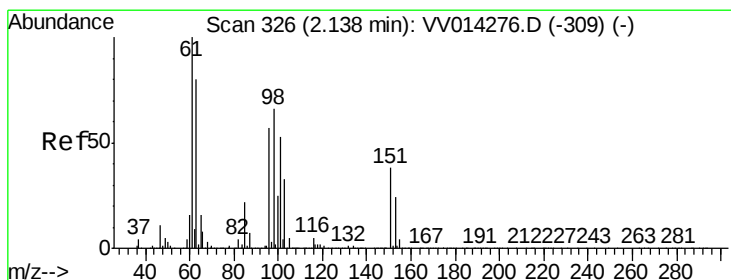
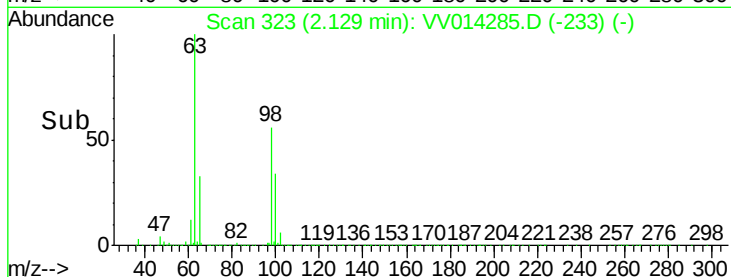
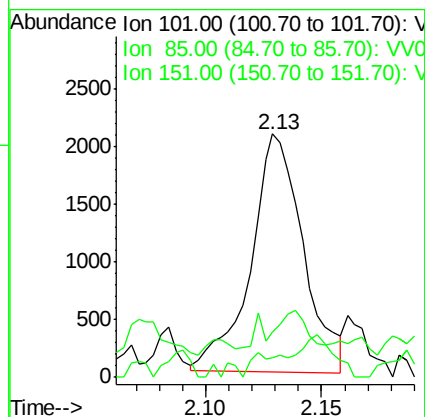
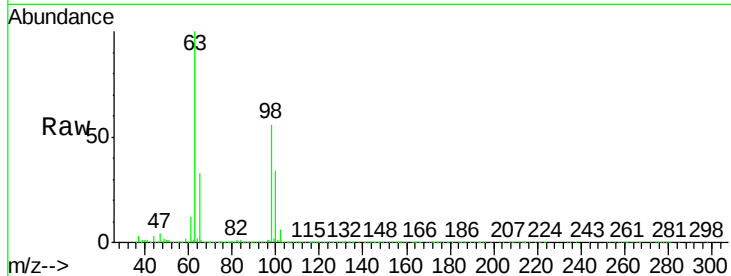
Tgt Ion: 101 Resp: 3248

Ion Ratio Lower Upper

101 100

85 2.3 34.9 52.3#

151 4.1 62.5 93.7#



#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014285.D

Acq: 13 Jan 2020 18:23

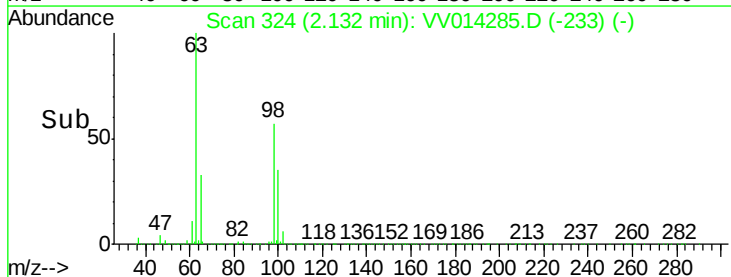
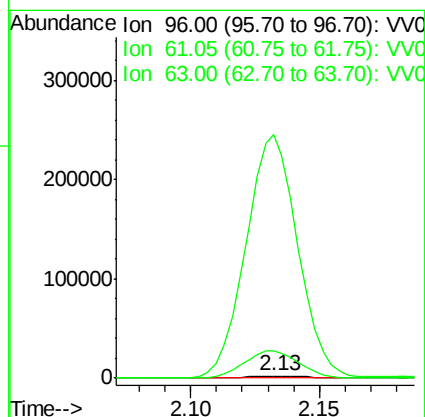
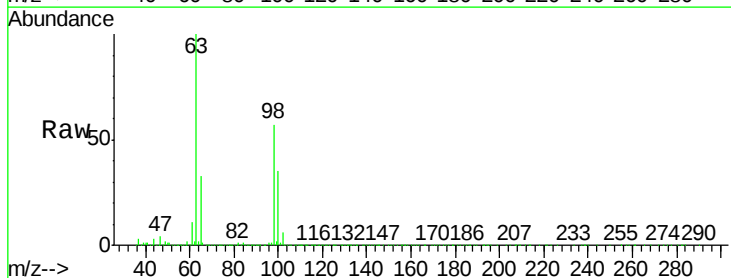
Tgt Ion: 96 Resp: 2941

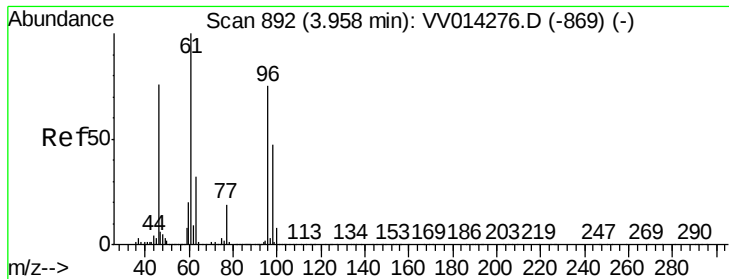
Ion Ratio Lower Upper

96 100

61 1232.2 121.5 225.7#

63 10853.4 90.3 167.7#



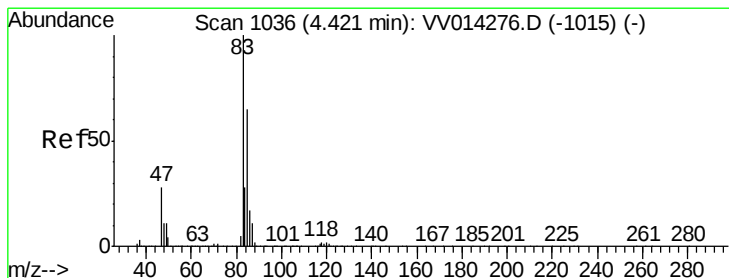
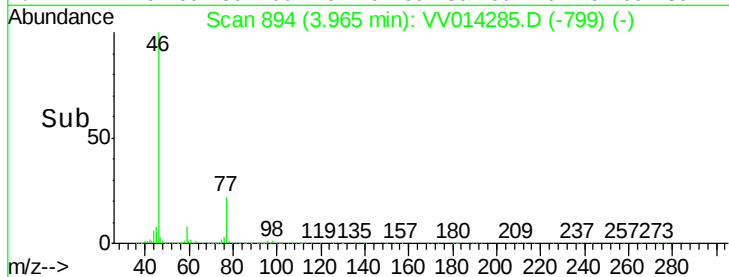
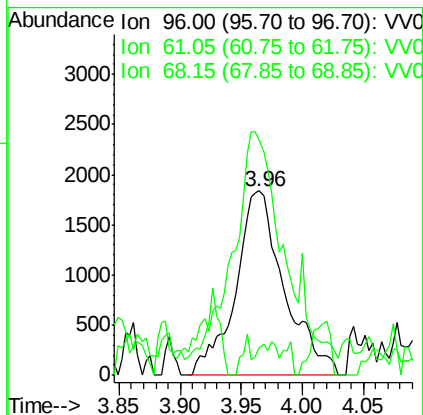
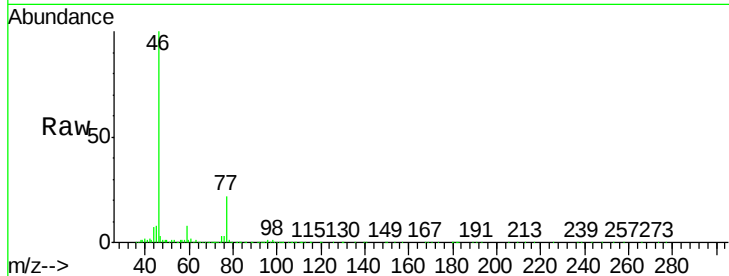


#22

cis-1,2-Dichloroethene
 Concen: 0.077 ug/L
 RT: 3.96 min Scan# 894
 Delta R.T. 0.01 min
 Lab File: VV014285.D
 Acq: 13 Jan 2020 18:23

Instrument :
 MSVOA_V
 ClientSampleId :
 GASD1

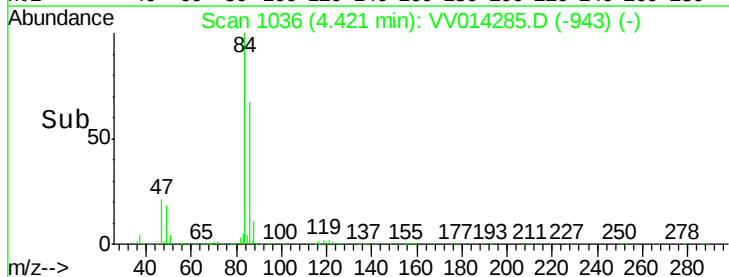
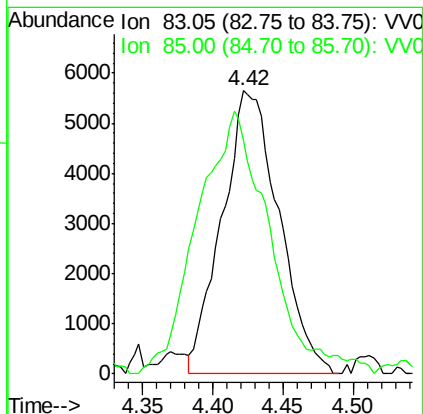
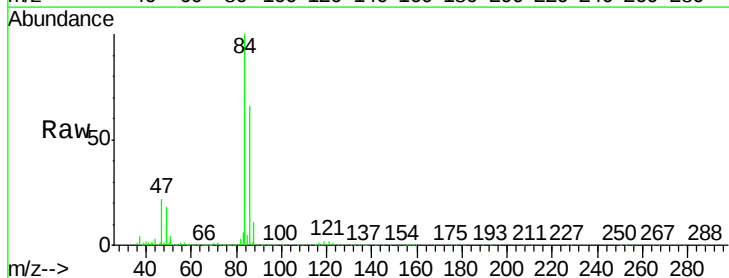
Tgt Ion: 96 Resp: 5087
 Ion Ratio Lower Upper
 96 100
 61 127.9 90.6 168.3
 68 14.7 0.3 0.7#

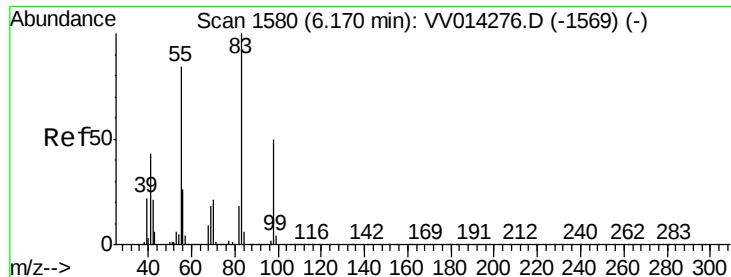


#25

Chloroform
 Concen: 0.140 ug/L
 RT: 4.42 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VV014285.D
 Acq: 13 Jan 2020 18:23

Tgt Ion: 83 Resp: 15892
 Ion Ratio Lower Upper
 83 100
 85 82.5 46.2 85.8

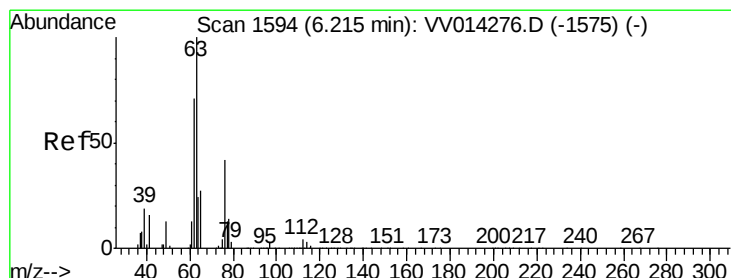
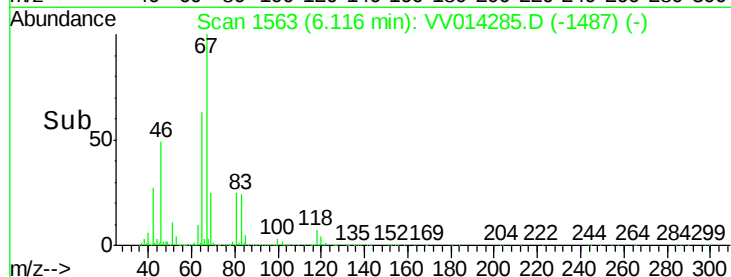
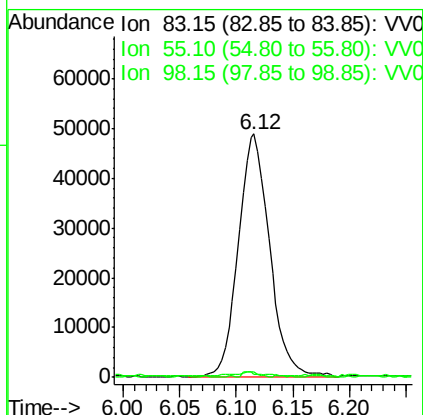
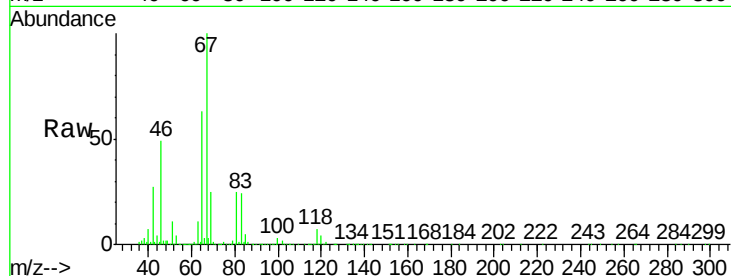




#35
Methylcyclohexane
Concen: 0.895 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014285.D
Acq: 13 Jan 2020 18:23

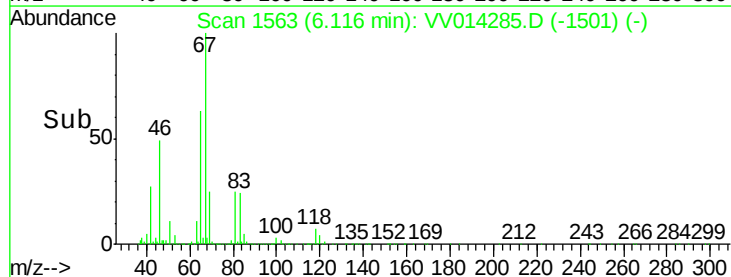
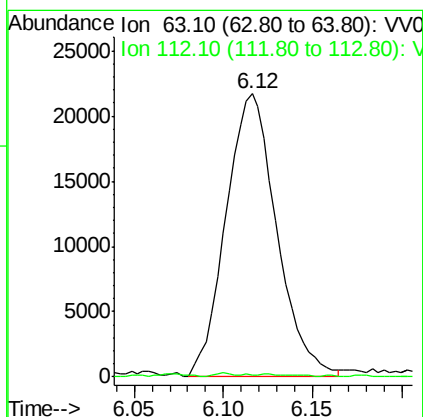
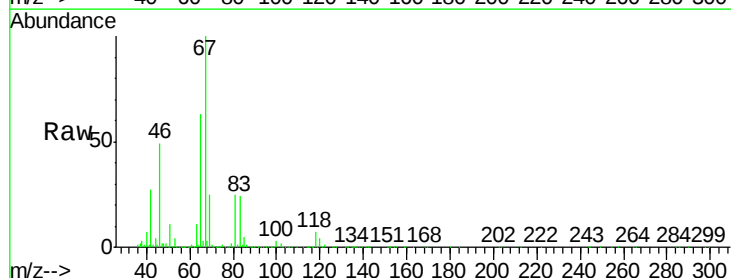
Instrument :
MSVOA_V
ClientSampleId :
GASD1

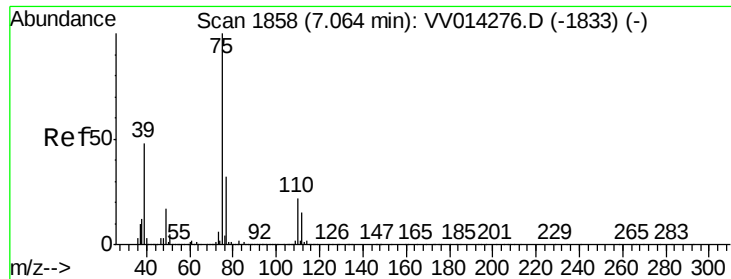
Tgt Ion: 83 Resp: 94932
Ion Ratio Lower Upper
83 100
55 0.9 61.7 92.5#
98 1.3 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.675 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV014285.D
Acq: 13 Jan 2020 18:23

Tgt Ion: 63 Resp: 43014
Ion Ratio Lower Upper
63 100
112 0.7 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.03 min

Lab File: VV014285.D

Acq: 13 Jan 2020 18:23

Instrument :

MSVOA_V

ClientSampleId :

GASD1

Tgt Ion: 75 Resp: 9773

Ion Ratio Lower Upper

75 100

77 51.7 22.4 41.6#

