

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011320\
 Data File : VV014281.D
 Acq On : 13 Jan 2020 16:47
 Operator : SY/MD
 Sample : L1101-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GASC7

Quant Time: Jan 14 15:14:36 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	898033	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	810729	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	372473	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	294158	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.59	69	245631	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.13	63	367341	3.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.20%
20) 2-Butanone-d5	3.92	46	816466	54.09	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.18%
24) Chloroform-d	4.40	84	549626	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.08	65	314202	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	1290345	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.12	67	400930	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.36	98	1147110	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloropropene-	7.66	79	170726	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.13	63	717169	51.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.10%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	283314	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	377777	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

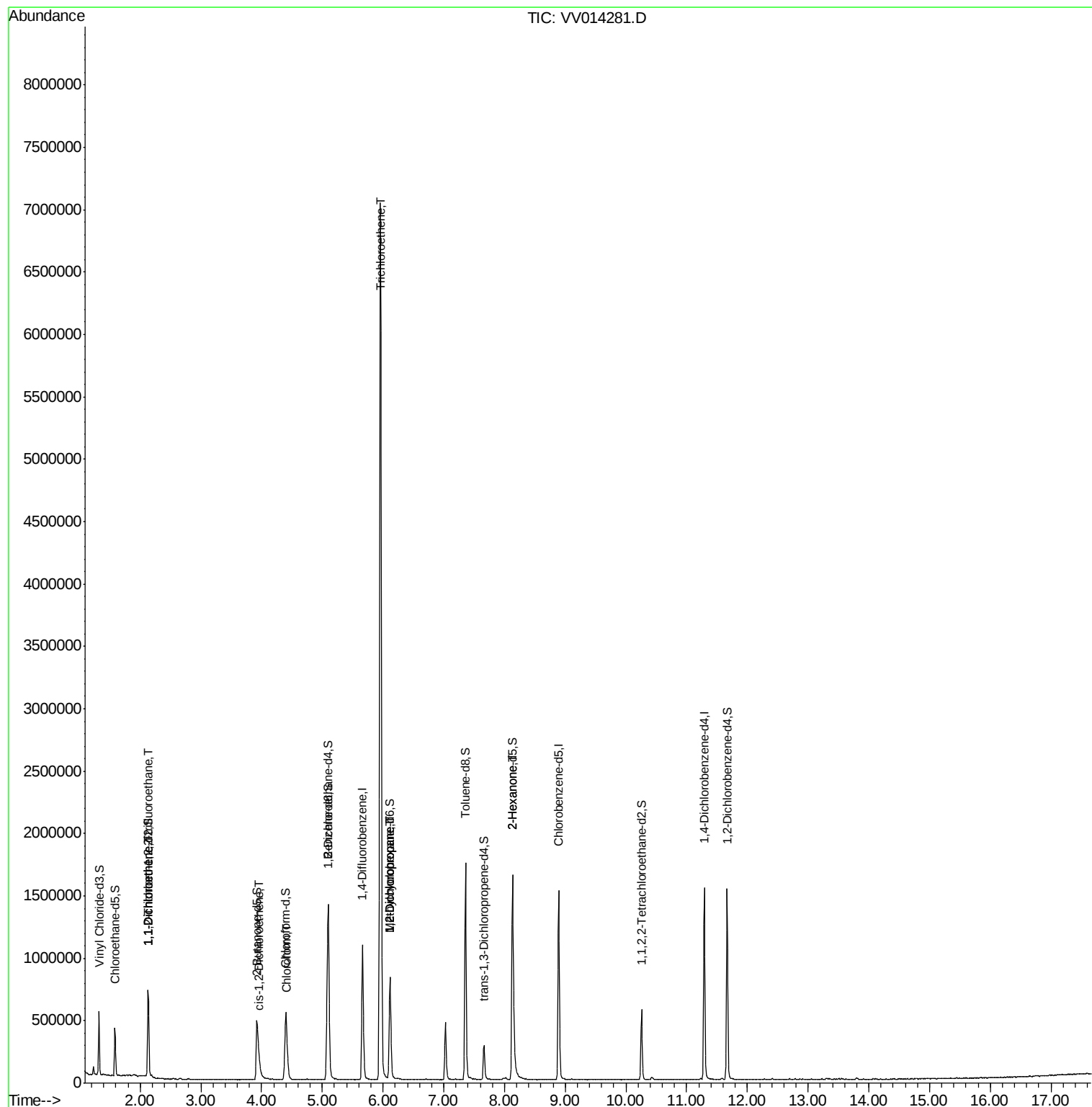
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4373	0.109 ug/L #	26
12) 1,1-Dichloroethene	2.14	96	8320	0.207 ug/L #	1
22) cis-1,2-Dichloroethene	3.97	96	39968	0.605 ug/L #	97
25) Chloroform	4.43	83	75840	0.670 ug/L	100
34) Trichloroethene	5.96	95	2546416	39.687 ug/L	98
35) Methylcyclohexane	6.12	83	93791	0.894 ug/L #	20
37) 1,2-Dichloropropane	6.11	63	39336	0.624 ug/L #	87
48) 2-Hexanone	8.13	43	89910	3.272 ug/L #	75

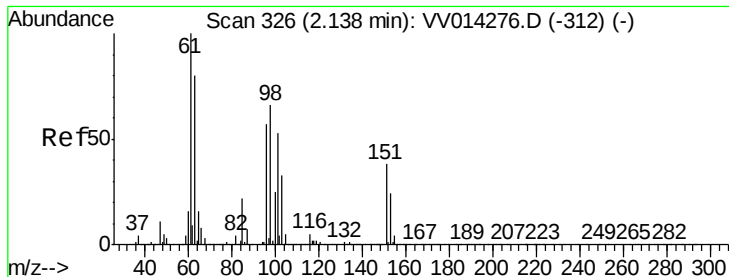
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 14 15:11:28 2020
Response via : Initial Calibration





#10

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

Concen: 0.109 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV014281.D

Acq: 13 Jan 2020 16:47

Instrument :

MSVOA_V

ClientSampleId :

GASC7

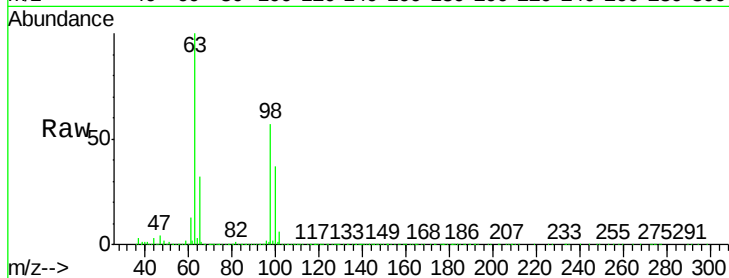
Tgt Ion: 101 Resp: 4373

Ion Ratio Lower Upper

101 100

85 8.0 34.9 52.3#

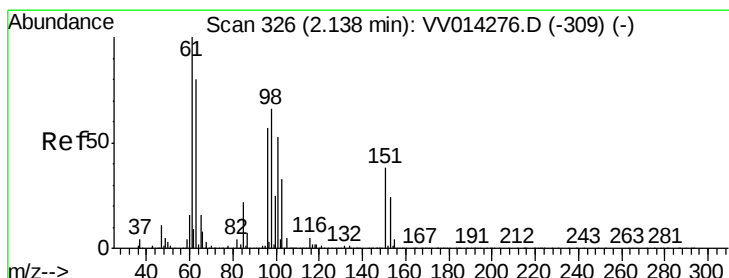
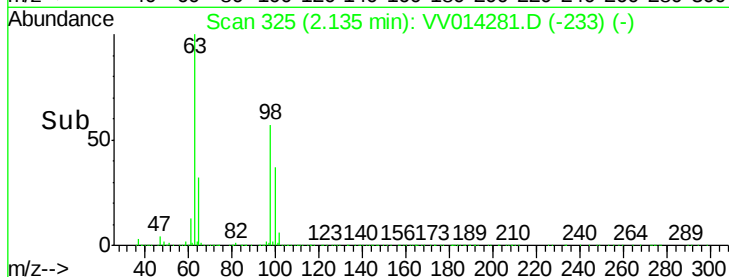
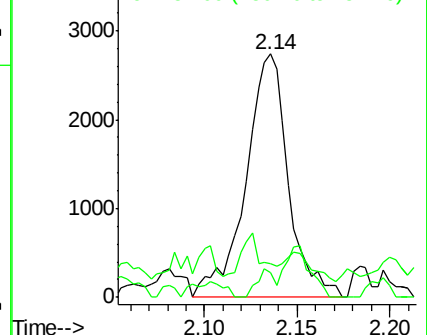
151 4.6 62.5 93.7#



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: 0.207 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV014281.D

Acq: 13 Jan 2020 16:47

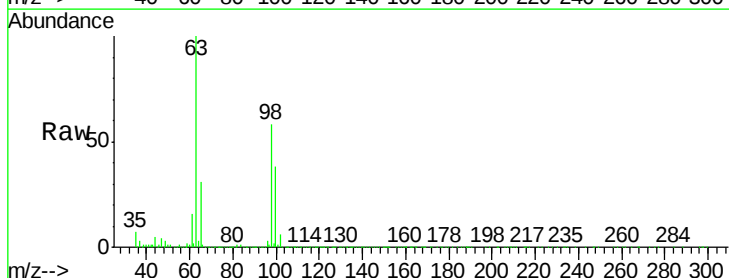
Tgt Ion: 96 Resp: 8320

Ion Ratio Lower Upper

96 100

61 476.4 121.5 225.7#

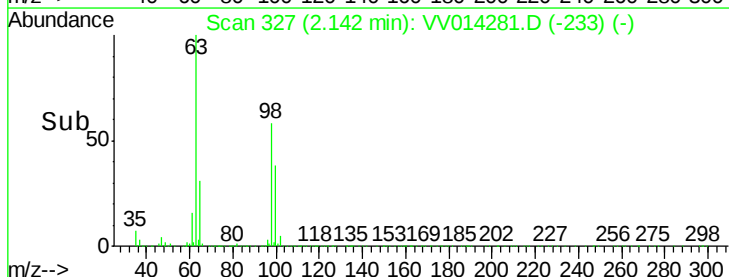
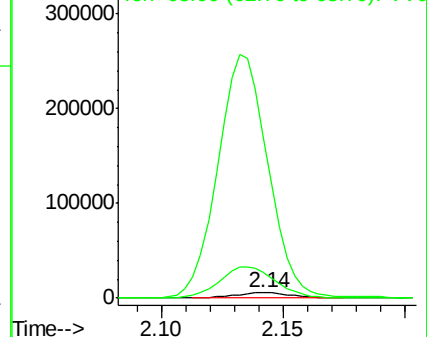
63 3010.4 90.3 167.7#

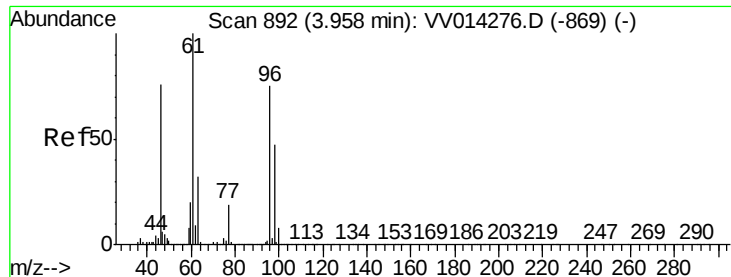


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



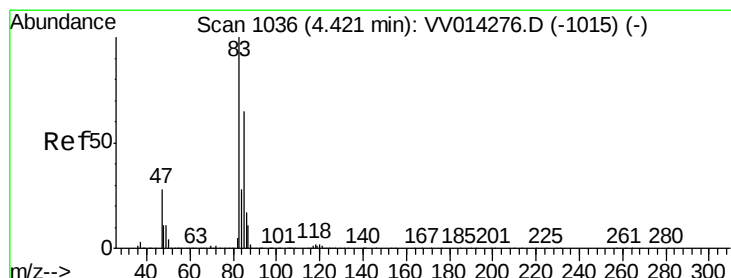
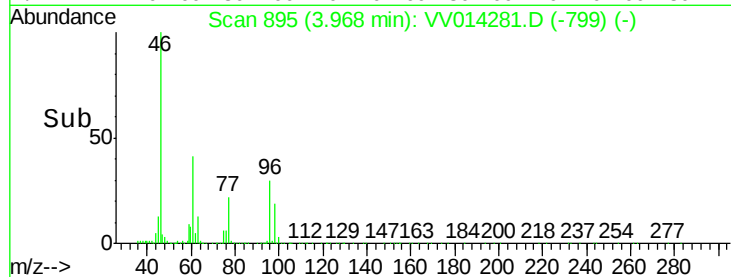
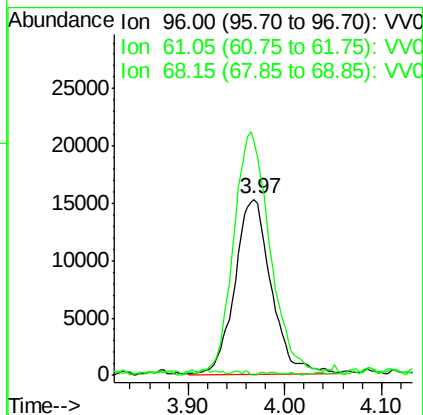
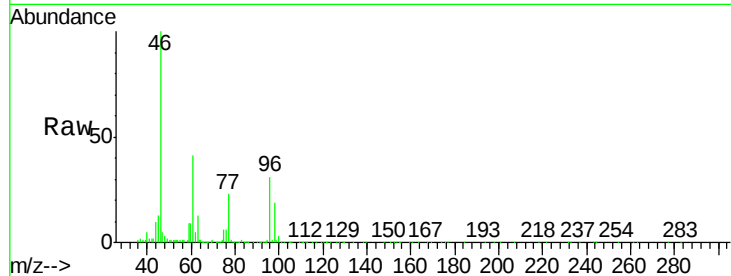


#22

cis-1,2-Dichloroethene
 Concen: 0.605 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.01 min
 Lab File: VV014281.D
 Acq: 13 Jan 2020 16:47

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 MSVOA_V
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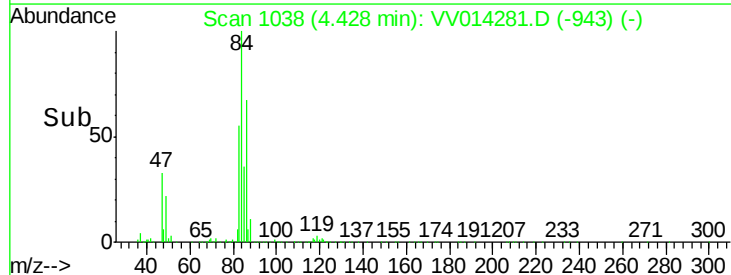
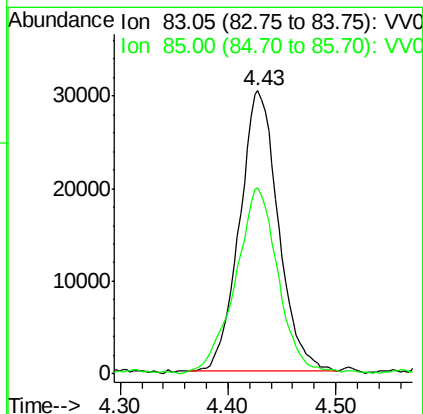
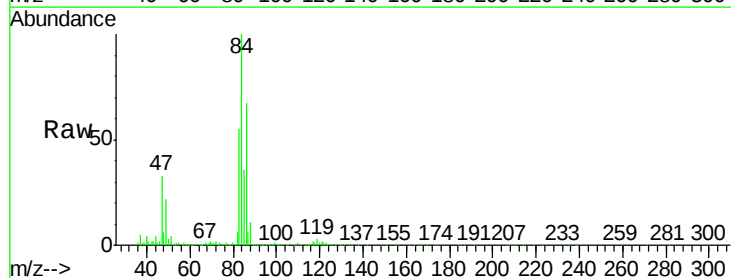
Tgt Ion: 96 Resp: 39968
 Ion Ratio Lower Upper
 96 100
 61 133.1 90.6 168.3
 68 0.0 0.3 0.7#

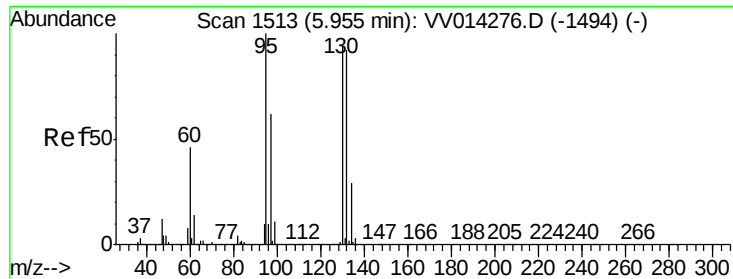


#25

Chloroform
 Concen: 0.670 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VV014281.D
 Acq: 13 Jan 2020 16:47

Tgt Ion: 83 Resp: 75840
 Ion Ratio Lower Upper
 83 100
 85 65.9 46.2 85.8

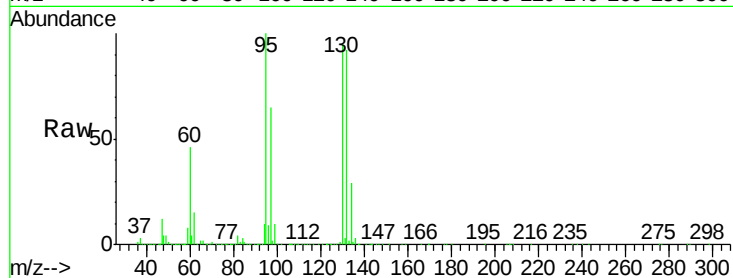




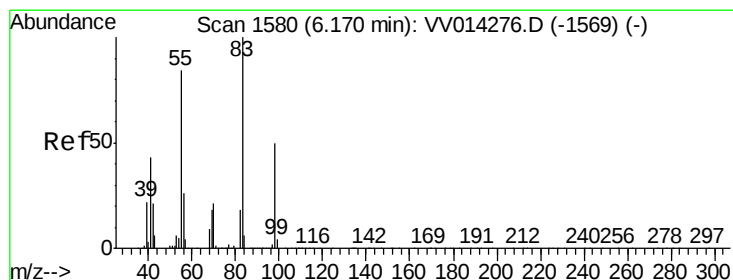
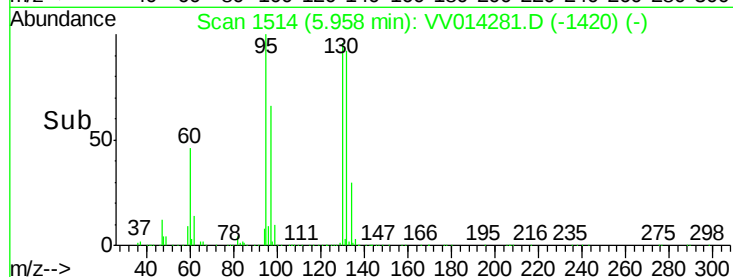
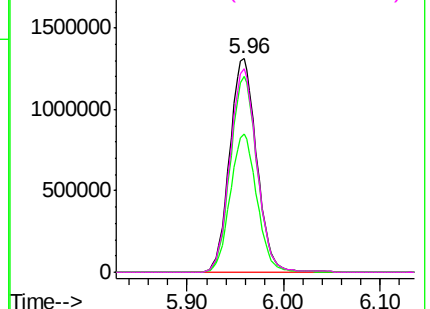
#34
 Trichloroethene
 Concen: 39.687 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV014281.D
 Acq: 13 Jan 2020 16:47

Instrument :
 MSVOA_V
 ClientSampleId :
 GASC7

Tgt Ion: 95 Resp: 2546416
 Ion Ratio Lower Upper
 95 100
 97 65.0 43.8 81.3
 132 91.6 63.4 117.8
 130 95.4 65.7 122.1

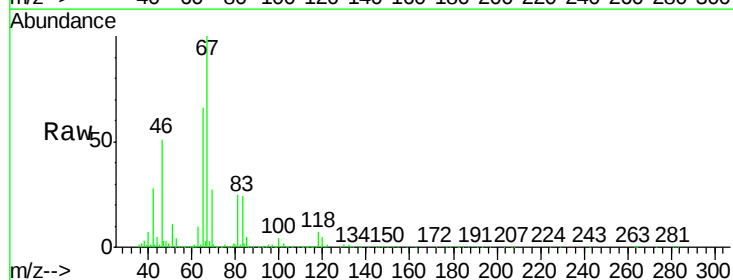


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

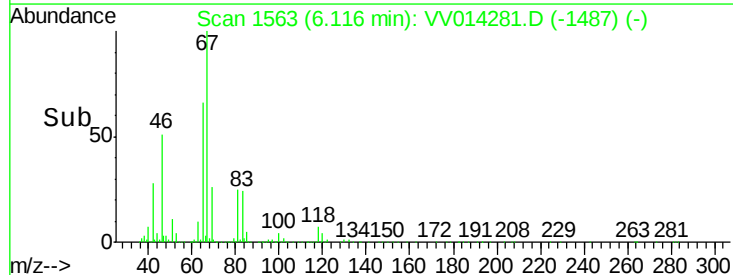
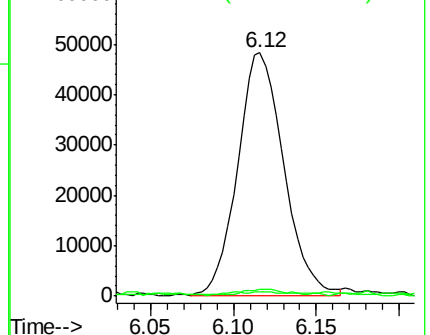


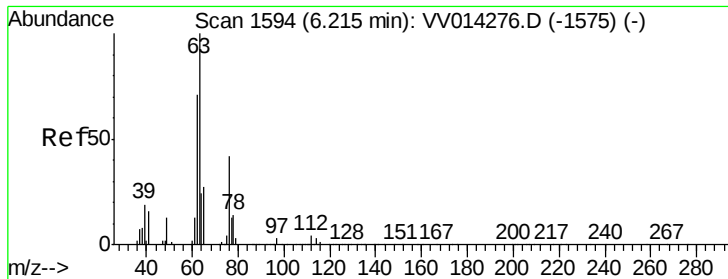
#35
 Methylcyclohexane
 Concen: 0.894 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV014281.D
 Acq: 13 Jan 2020 16:47

Tgt Ion: 83 Resp: 93791
 Ion Ratio Lower Upper
 83 100
 55 0.6 61.7 92.5#
 98 2.3 38.1 57.1#



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

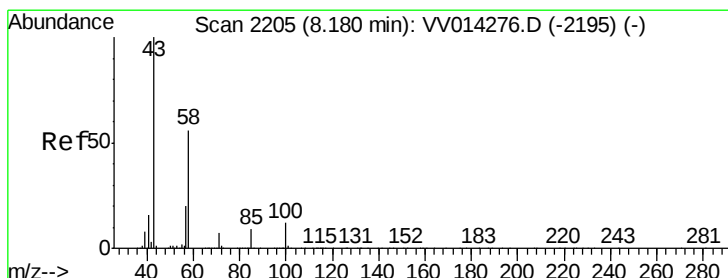
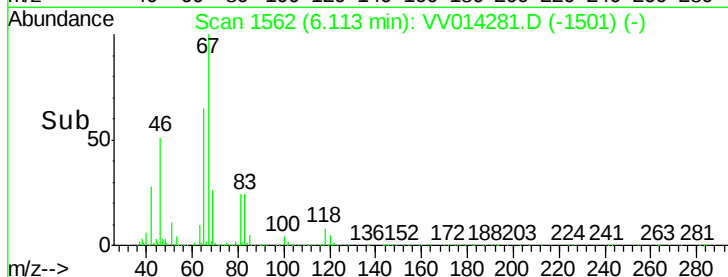
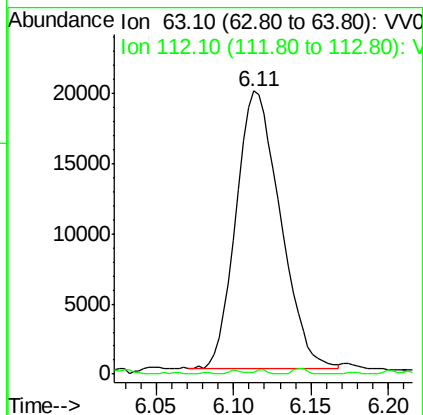
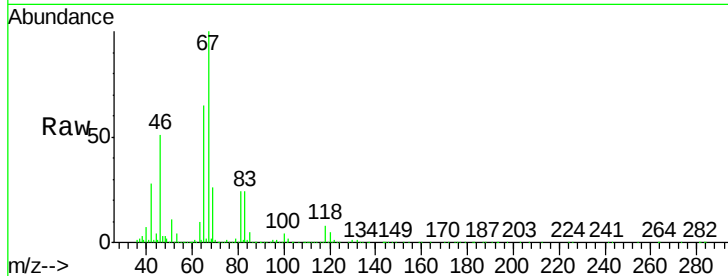




#37
 1,2-Dichloropropane
 Concen: 0.624 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014281.D
 Acq: 13 Jan 2020 16:47

Instrument :
 MSVOA_V
 ClientSampleId :
 GASC7

Tgt Ion: 63 Resp: 39336
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.7 5.5#



#48
 2-Hexanone
 Concen: 3.272 ug/L
 RT: 8.13 min Scan# 2189
 Delta R.T. -0.05 min
 Lab File: VV014281.D
 Acq: 13 Jan 2020 16:47

Tgt Ion: 43 Resp: 89910
 Ion Ratio Lower Upper
 43 100
 58 34.4 45.4 68.0#
 57 22.9 15.8 23.8
 100 0.1 10.2 15.4#

