

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV011320\
 Data File : VV014283.D
 Acq On : 13 Jan 2020 17:35
 Operator : SY/MD
 Sample : L1101-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GASC9

Quant Time: Jan 14 15:14:56 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	938969	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	847845	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	388655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	261314	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.59	69	225535	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.13	63	338405	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.94	46	802598	50.85	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	4.40	84	577237	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.08	65	296556	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.10	84	1219063	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	392728	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	1089622	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.66	79	161573	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.13	63	739665	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	268521	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	354267	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

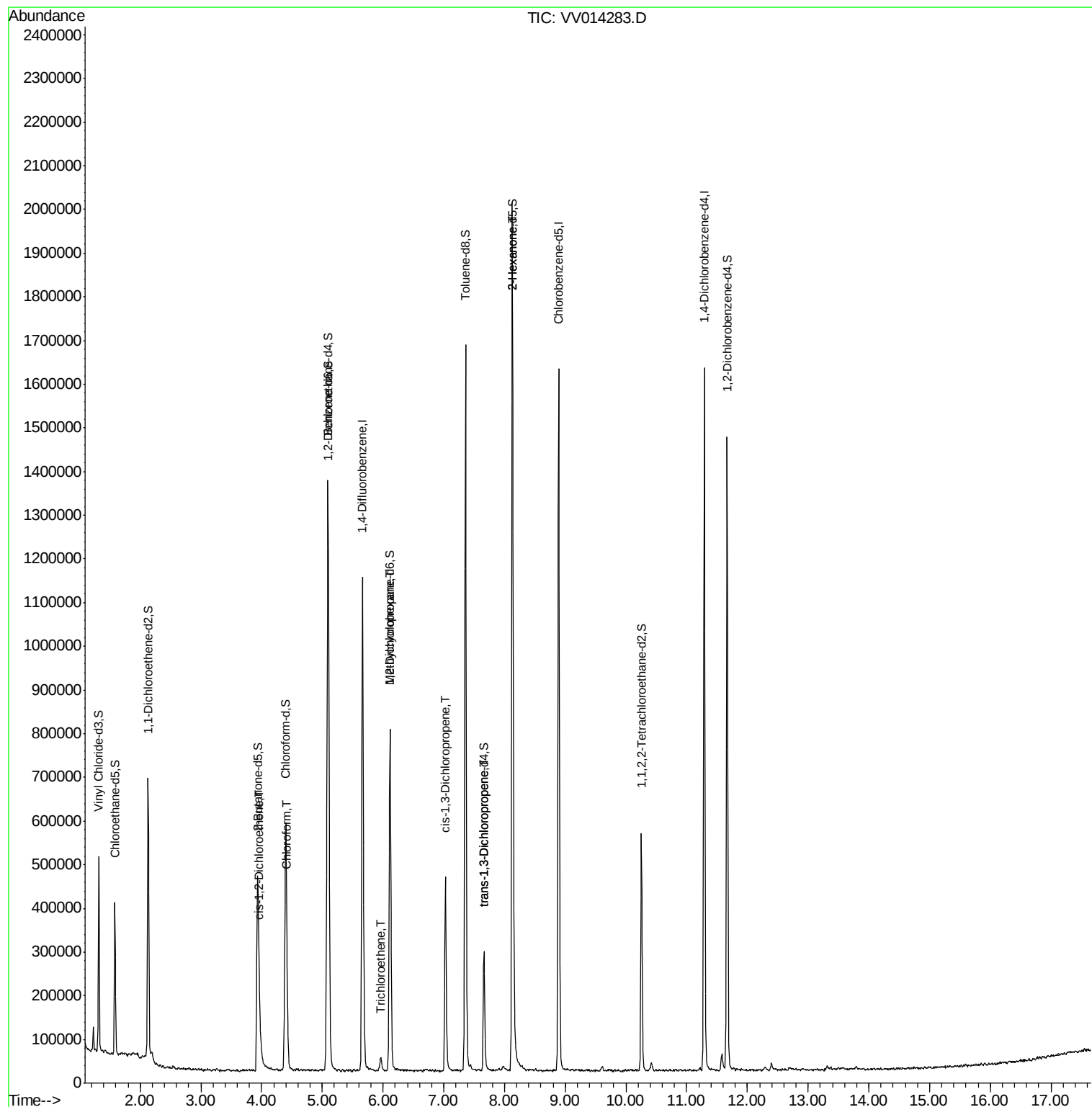
					Qvalue
22) cis-1,2-Dichloroethene	3.97	96	5322	0.077 ug/L #	93
25) Chloroform	4.42	83	14625	0.124 ug/L	96
34) Trichloroethene	5.96	95	12335	0.184 ug/L	96
35) Methylcyclohexane	6.12	83	90238	0.823 ug/L #	18
39) cis-1,3-Dichloropropene	7.03	75	10576	0.099 ug/L #	71
44) trans-1,3-Dichloropropene	7.66	75	6585	0.080 ug/L	92
48) 2-Hexanone	8.13	43	83139	2.893 ug/L #	76

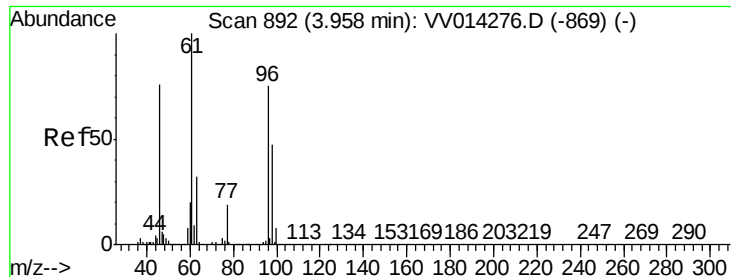
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#22

cis-1,2-Dichloroethene

Concen: 0.077 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.01 min

Lab File: VV014283.D

Acq: 13 Jan 2020 17:35

Instrument :

MSVOA_V

ClientSampleId :

GASC9

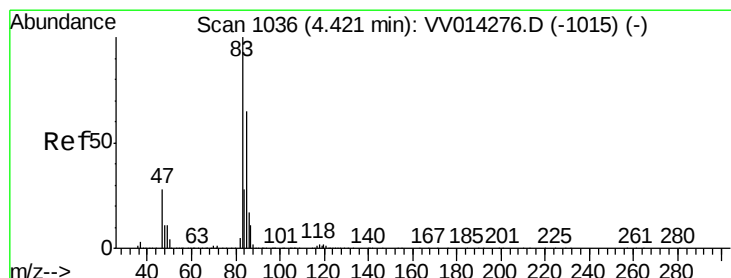
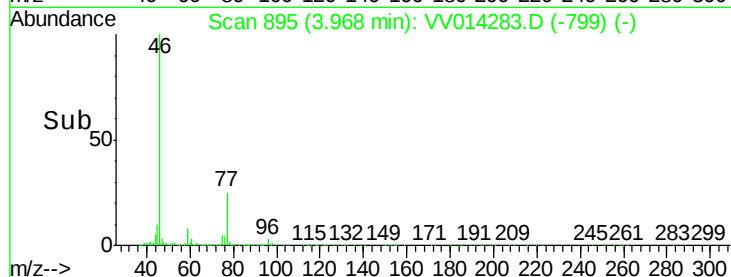
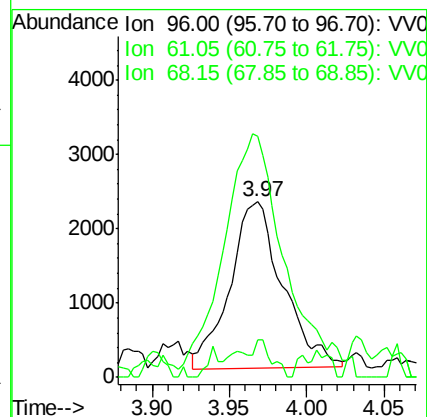
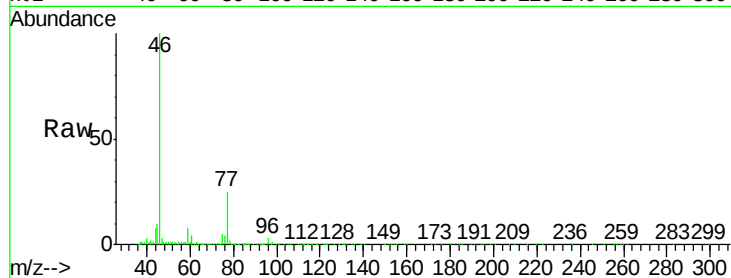
Tgt Ion: 96 Resp: 5322

Ion Ratio Lower Upper

96 100

61 137.2 90.6 168.3

68 21.7 0.3 0.7#



#25

Chloroform

Concen: 0.124 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014283.D

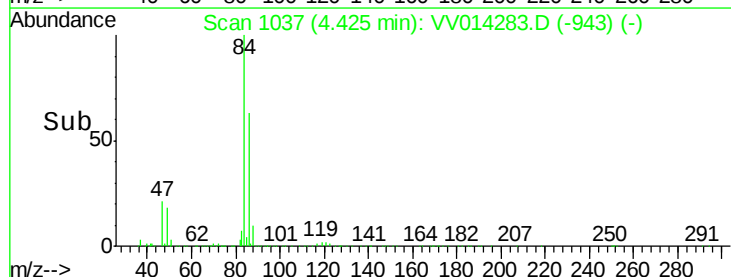
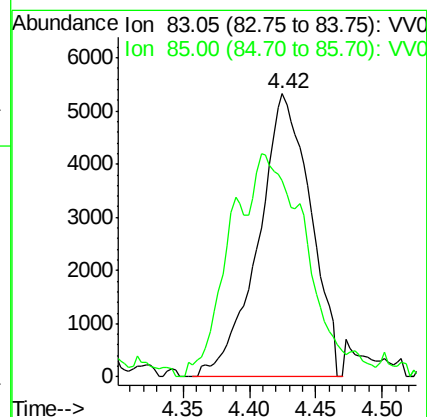
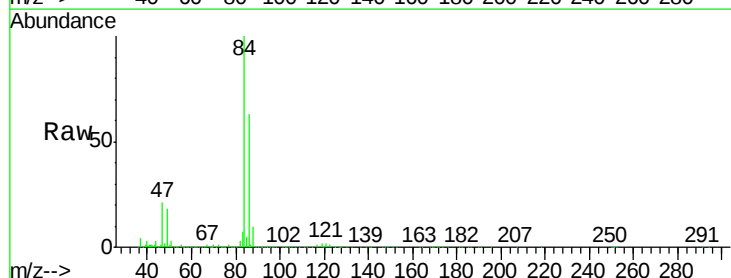
Acq: 13 Jan 2020 17:35

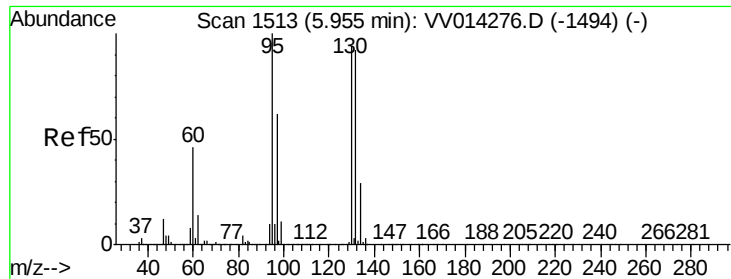
Tgt Ion: 83 Resp: 14625

Ion Ratio Lower Upper

83 100

85 69.2 46.2 85.8





#34

Trichloroethene

Concen: 0.184 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV014283.D

Acq: 13 Jan 2020 17:35

Instrument :

MSVOA_V

ClientSampleId :

GASC9

Tgt Ion: 95 Resp: 12335

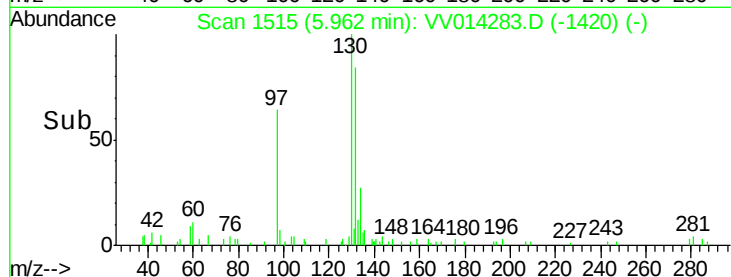
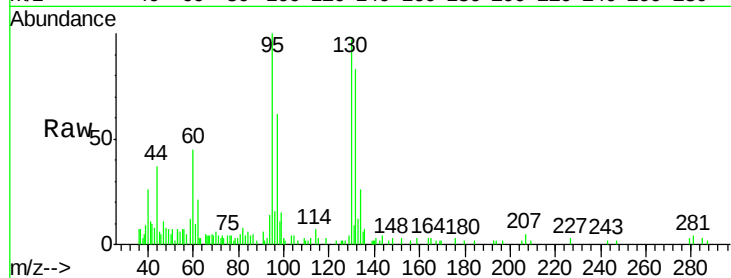
Ion Ratio Lower Upper

95 100

97 61.9 43.8 81.3

132 83.4 63.4 117.8

130 96.9 65.7 122.1

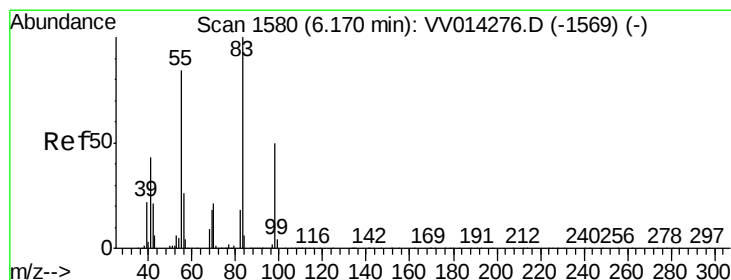
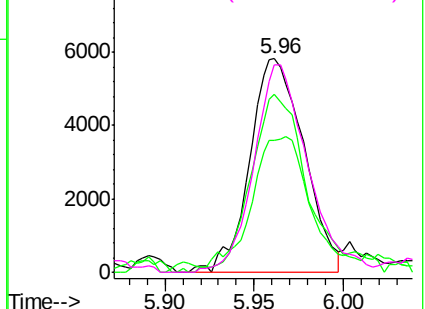


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 0.823 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014283.D

Acq: 13 Jan 2020 17:35

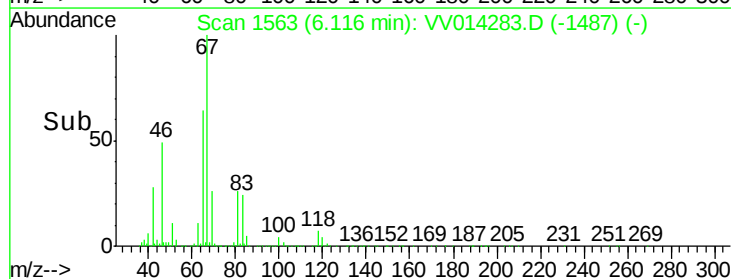
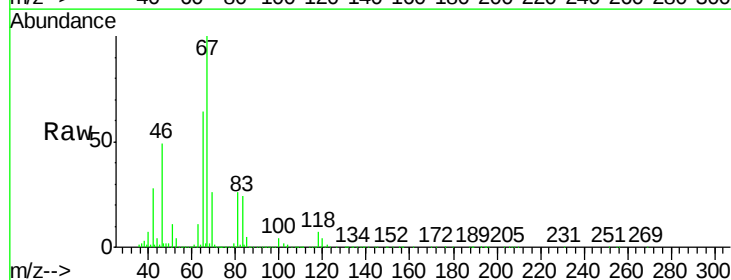
Tgt Ion: 83 Resp: 90238

Ion Ratio Lower Upper

83 100

55 0.4 61.7 92.5#

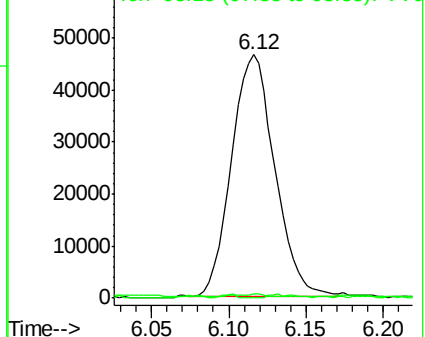
98 0.0 38.1 57.1#

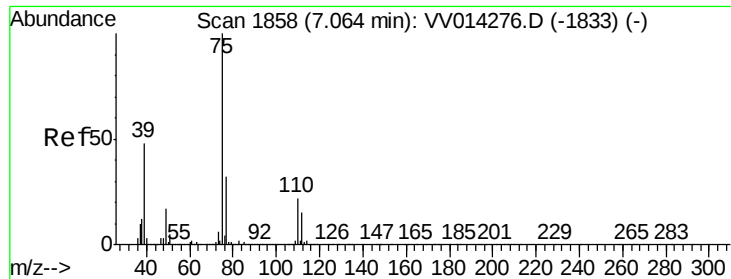


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV014283.D

Acq: 13 Jan 2020 17:35

Instrument :

MSVOA_V

ClientSampleId :

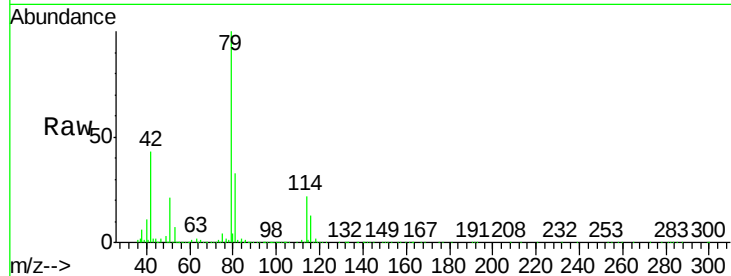
GASC9

Tgt Ion: 75 Resp: 10576

Ion Ratio Lower Upper

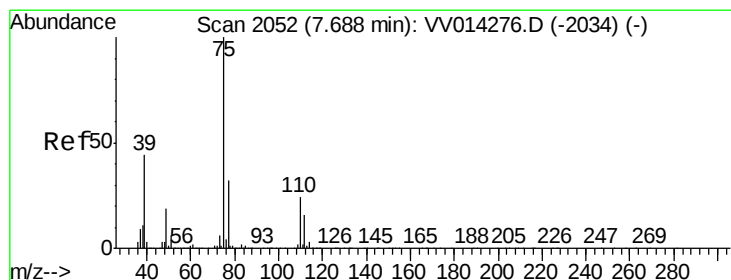
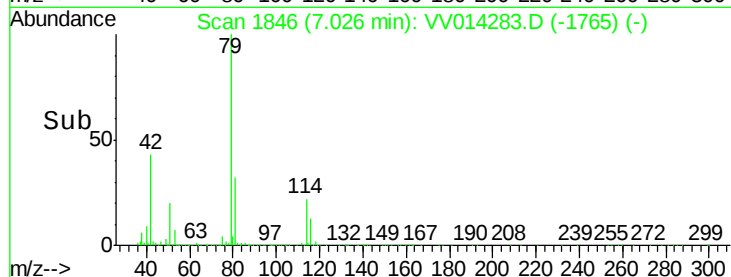
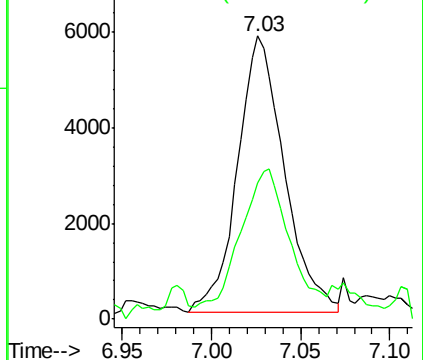
75 100

77 48.1 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014283.D

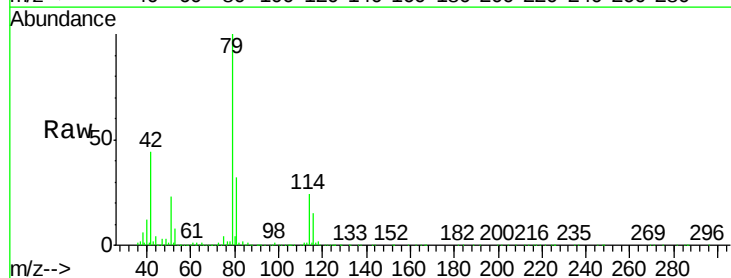
Acq: 13 Jan 2020 17:35

Tgt Ion: 75 Resp: 6585

Ion Ratio Lower Upper

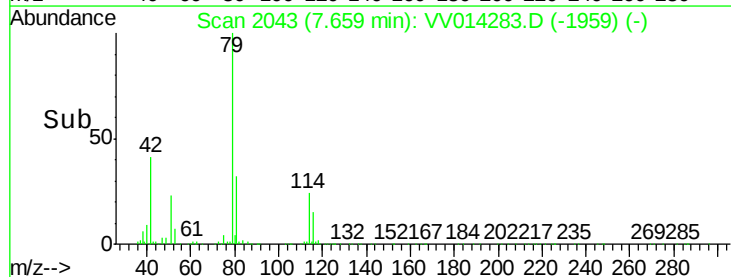
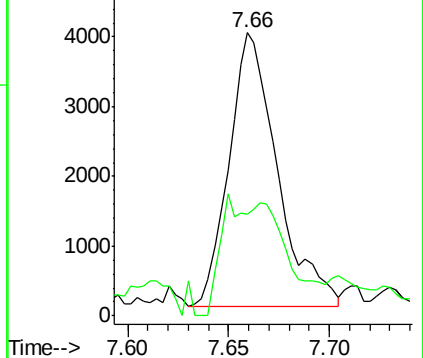
75 100

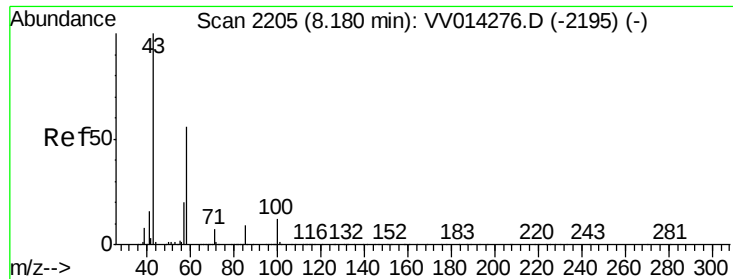
77 35.8 22.0 41.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 2.893 ug/L

RT: 8.13 min Scan# 2189

Delta R.T. -0.05 min

Lab File: VV014283.D

Acq: 13 Jan 2020 17:35

Instrument :

MSVOA_V

ClientSampleId :

GASC9

Tgt Ion: 43 Resp: 83139

Ion Ratio Lower Upper

43 100

58 35.3 45.4 68.0#

57 18.9 15.8 23.8

100 0.2 10.2 15.4#

