

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082619\
 Data File : VV012395.D
 Acq On : 26 Aug 2019 11:39
 Operator : SY/MD
 Sample : K4501-01
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GANL6

Quant Time: Aug 27 02:40:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 02:19:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	231835	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	231061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	91876	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62539	5.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.00%
7) Chloroethane-d5	1.58	69	45251	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	80310	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.93	46	122288	39.16	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.32%
24) Chloroform-d	4.40	84	125944	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	66664	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	272664	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.12	67	85039	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.36	98	226315	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.66	79	27114	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.13	63	70137	34.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48007	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	79737	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

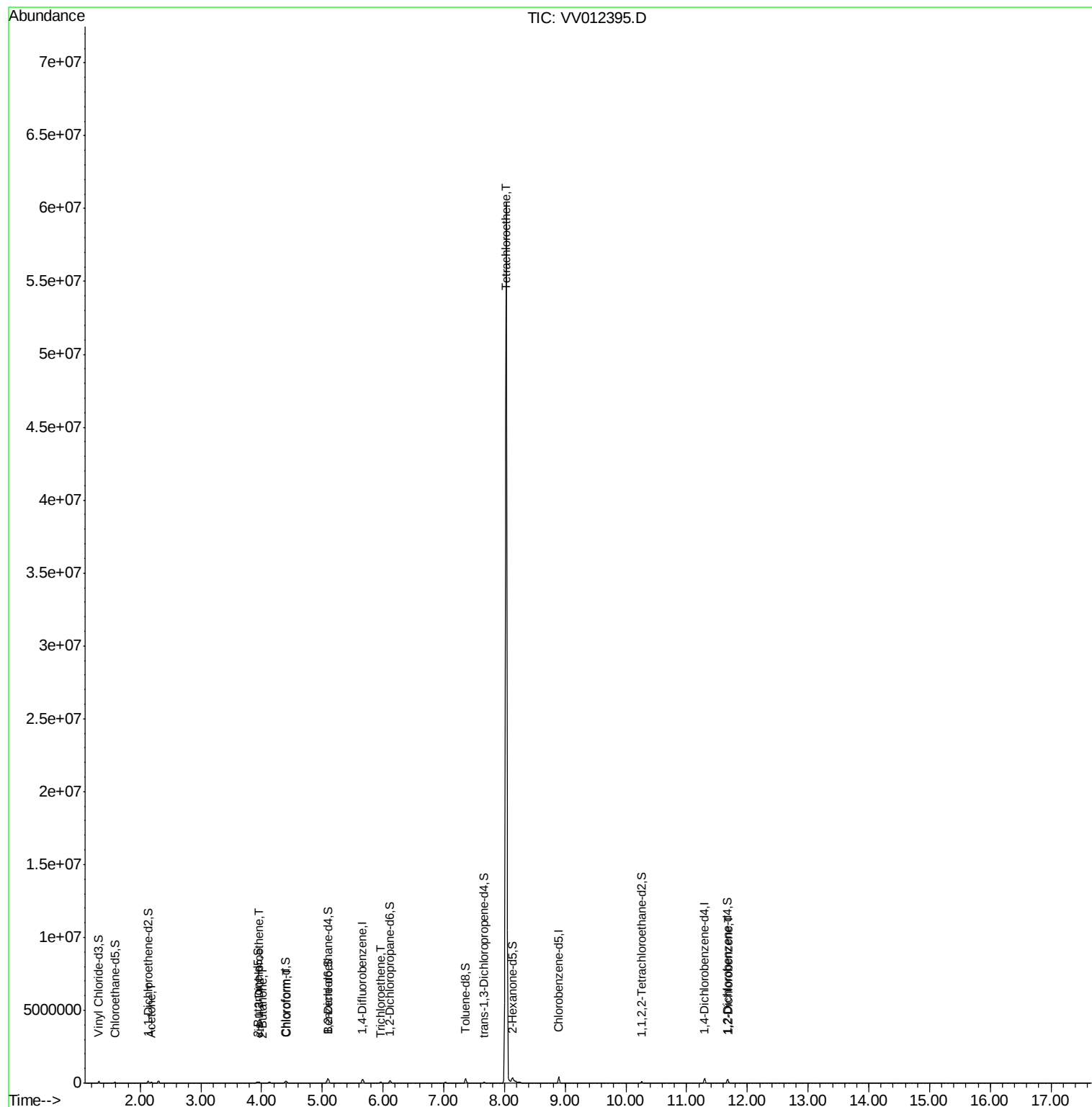
					Ovalue
13) Acetone	2.18	43	70592	52.254 ug/L	95
21) 2-Butanone	4.03	43	8622	2.717 ug/L	87
22) cis-1,2-Dichloroethene	3.96	96	7474	0.495 ug/L	91
25) Chloroform	4.42	83	14839	0.517 ug/L	96
34) Trichloroethene	5.96	95	17281	1.087 ug/L	97
47) Tetrachloroethene	8.03	164	13949640	1087.222 ug/L	89
65) 1,2-Dichlorobenzene	11.69	146	2543	0.111 ug/L #	90

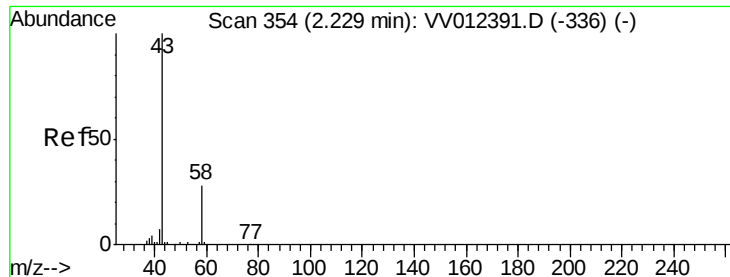
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 52.254 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

Lab File: VV012395.D

Acq: 26 Aug 2019 11:39

Instrument :

MSVOA_V

ClientSampled :

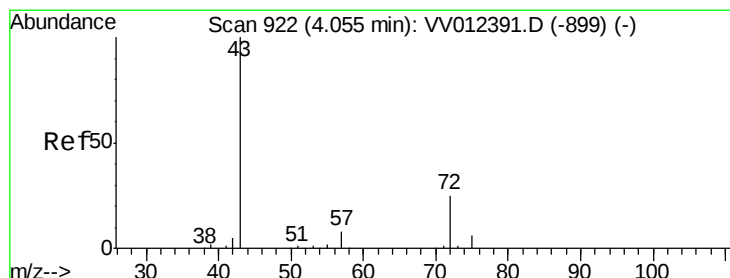
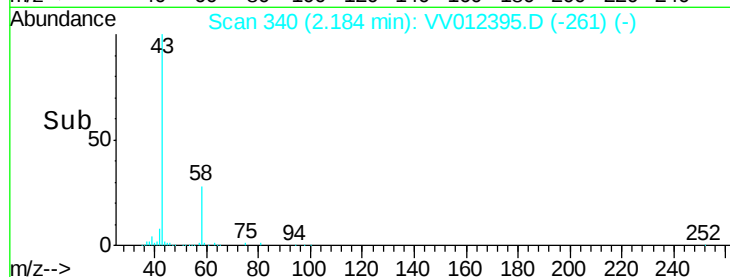
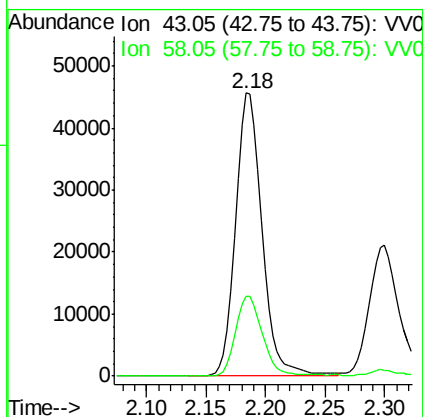
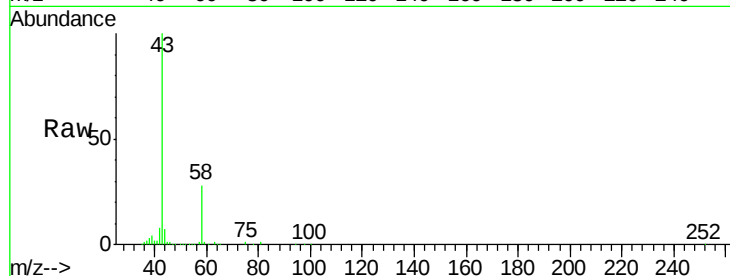
GANL6

Tot Ion: 43 Resp: 70592

Ion Ratio Lower Upper

43 100

58 28.8 0.0 62.8



#21

2-Butanone

Concen: 2.717 ug/L

RT: 4.03 min Scan# 915

Delta R.T. -0.02 min

Lab File: VV012395.D

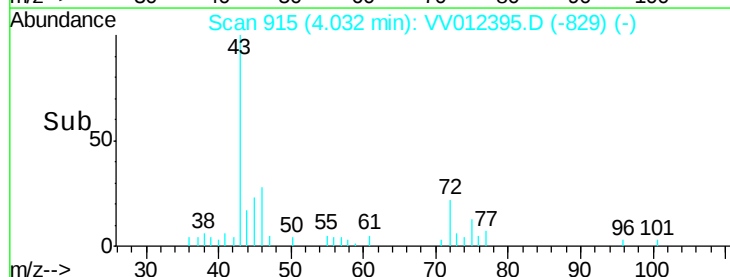
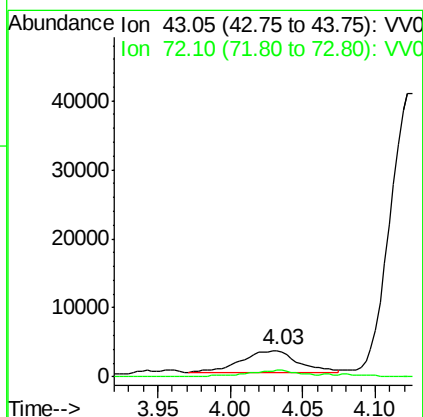
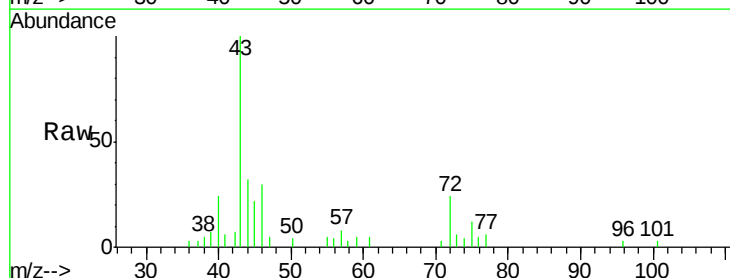
Acq: 26 Aug 2019 11:39

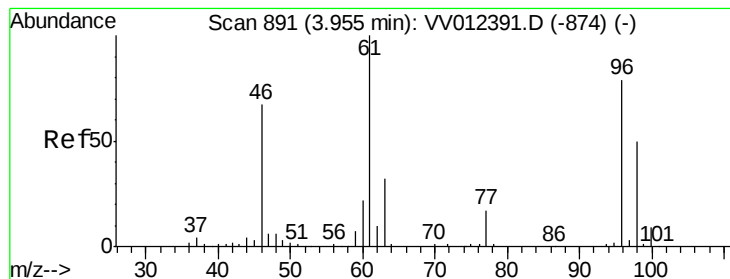
Tgt Ion: 43 Resp: 8622

Ion Ratio Lower Upper

43 100

72 17.9 12.2 36.6



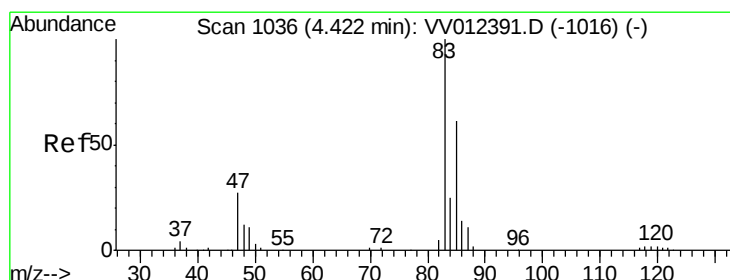
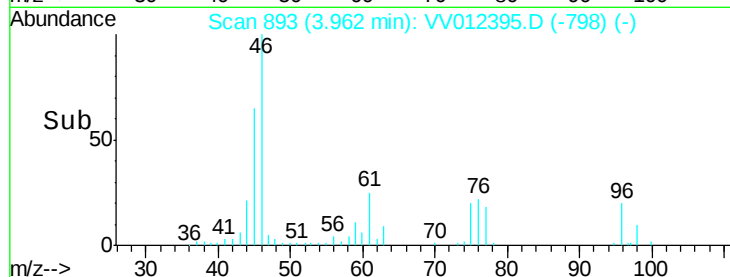
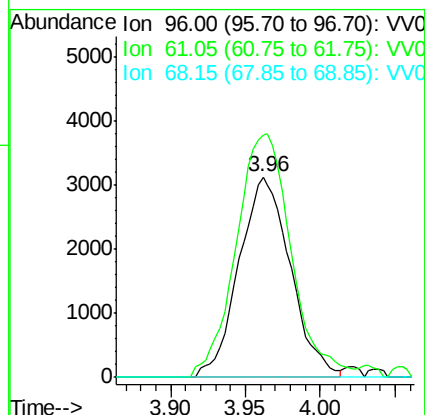
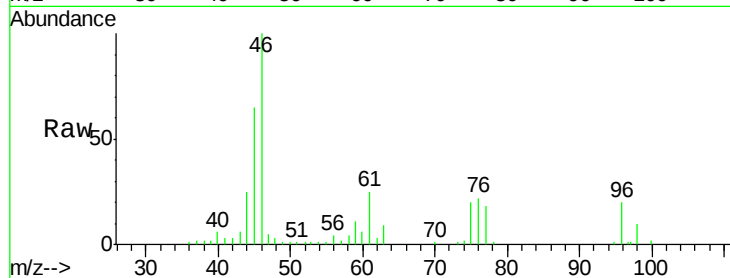


#22

cis-1,2-Dichloroethene
 Concen: 0.495 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV012395.D
 Acq: 26 Aug 2019 11:39

Instrument :
 MSVOA_V
 ClientSampleId :
 GANL6

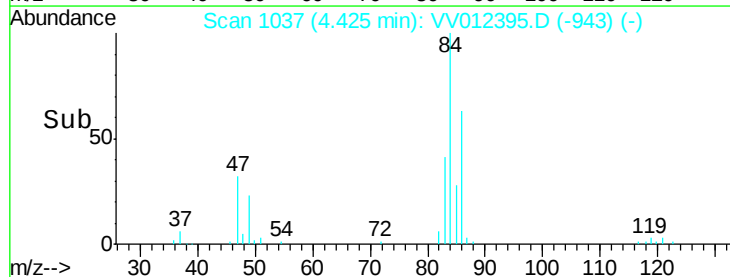
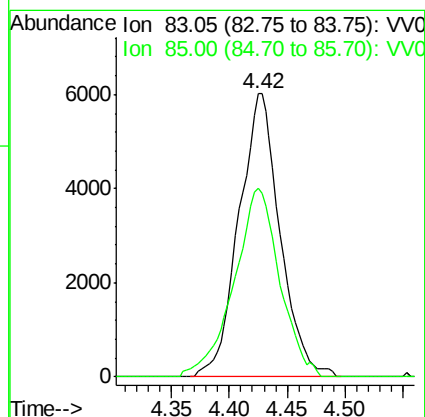
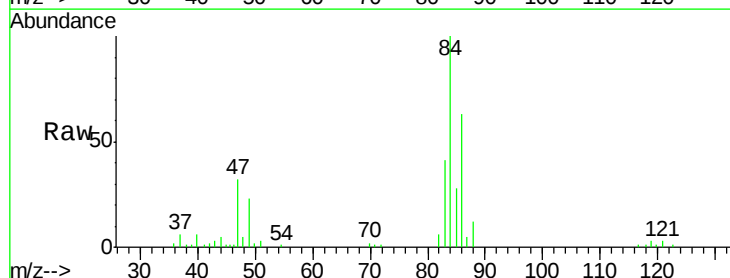
Tot Ion: 96 Resp: 7474
 Ion Ratio Lower Upper
 96 100
 61 117.2 89.4 166.0
 68 0.0 0.0 0.0

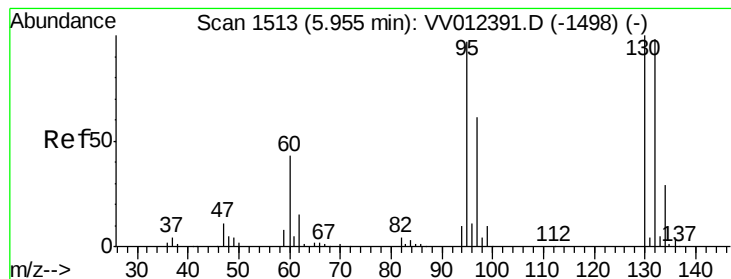


#25

Chloroform
 Concen: 0.517 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV012395.D
 Acq: 26 Aug 2019 11:39

Tgt Ion: 83 Resp: 14839
 Ion Ratio Lower Upper
 83 100
 85 66.8 44.6 82.8





#34

Trichloroethene

Concen: 1.087 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012395.D

Acq: 26 Aug 2019 11:39

Instrument :

MSVOA_V

ClientSampleId :

GANL6

Tot Ion: 95 Resp: 17281

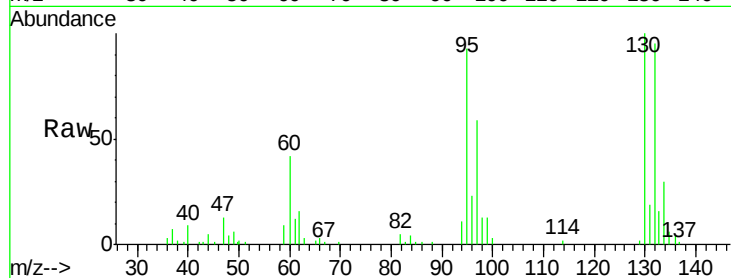
Ion Ratio Lower Upper

95 100

97 63.1 46.3 86.1

132 102.2 70.3 130.7

130 107.2 72.4 134.5

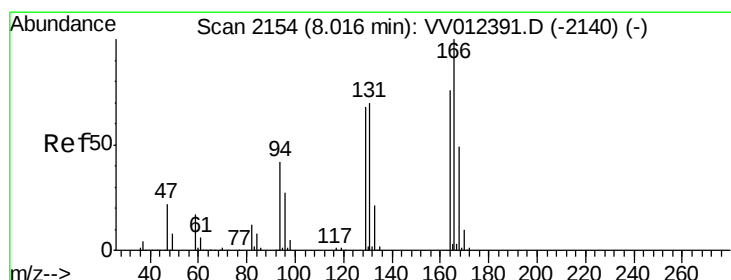
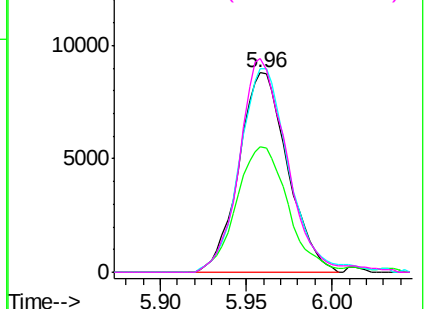
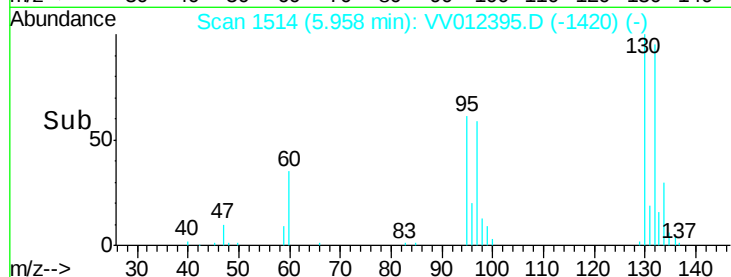


Abundance Ion 95.00 (94.70 to 95.70): VV012395.D (-1420) (-)

Ion 96.95 (96.65 to 97.65): VV012395.D (-1420) (-)

Ion 131.95 (131.65 to 132.65): VV012395.D (-1420) (-)

Ion 129.95 (129.65 to 130.65): VV012395.D (-1420) (-)



#47

Tetrachloroethene

Concen: 1087.222 ug/L

RT: 8.03 min Scan# 2158

Delta R.T. 0.01 min

Lab File: VV012395.D

Acq: 26 Aug 2019 11:39

Tgt Ion: 164 Resp: 13949640

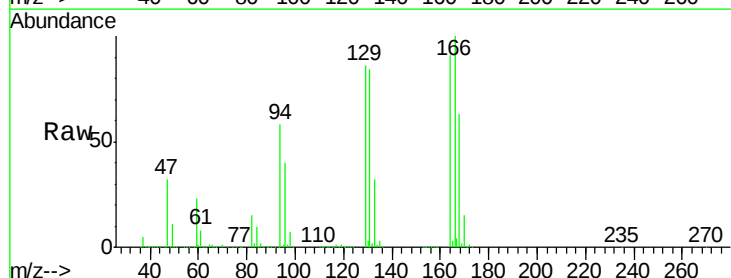
Ion Ratio Lower Upper

164 100

129 94.3 60.6 112.6

131 92.5 58.8 109.2

166 109.8 87.6 162.8

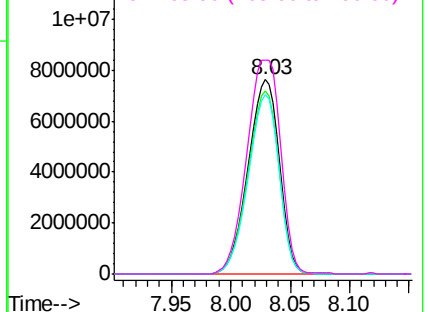
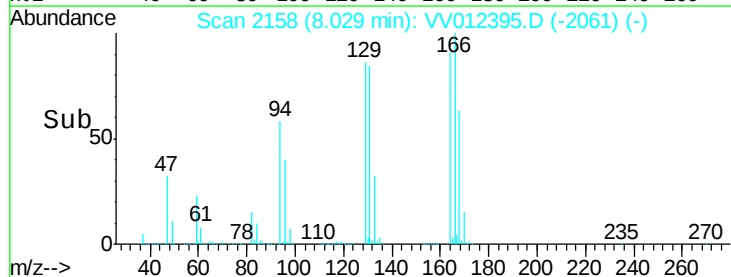


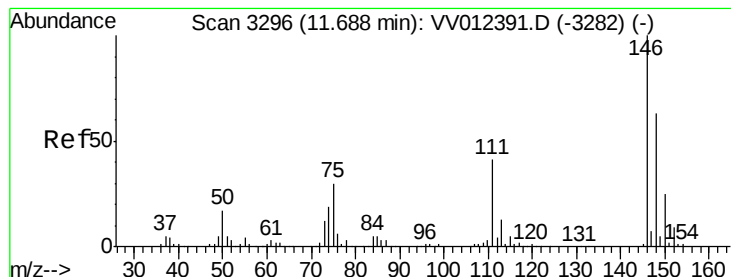
Abundance Ion 163.90 (163.60 to 164.60): VV012395.D (-2061) (-)

Ion 128.95 (128.65 to 129.65): VV012395.D (-2061) (-)

Ion 130.95 (130.65 to 131.65): VV012395.D (-2061) (-)

Ion 165.90 (165.60 to 166.60): VV012395.D (-2061) (-)





#65

1,2-Dichlorobenzene

Concen: 0.111 ug/L

RT: 11.69 min Scan# 3296

Delta R.T. -0.00 min

Lab File: VV012395.D

Acq: 26 Aug 2019 11:39

Instrument :

MSVOA_V

ClientSampleId :

GANL6

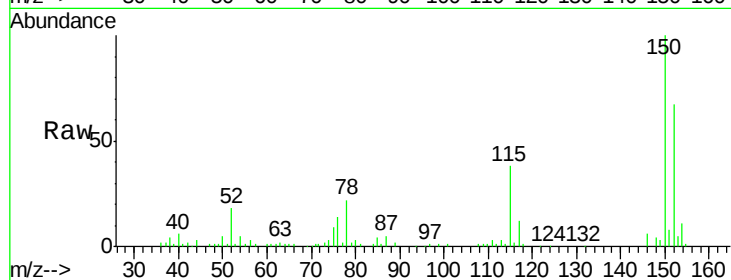
Tot Ion:146 Resp: 2543

Ion Ratio Lower Upper

146 100

111 50.9 31.9 47.9#

148 66.4 50.2 75.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

