

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016105.D
 Acq On : 18 May 2020 16:36
 Operator : SY/MD
 Sample : L2655-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 19 04:50:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 04:04:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	262343	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261286	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	120673	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104014	54.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.96%
7) Chloroethane-d5	1.58	69	95577	56.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.90%
11) 1,1-Dichloroethene-d2	2.13	63	153348	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.74%
21) 2-Butanone-d5	3.93	46	142974	125.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.30%
24) Chloroform-d	4.38	84	197571	54.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.10%
26) 1,2-Dichloroethane-d4	5.06	65	150137	60.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.60%
32) Benzene-d6	5.08	84	409679	57.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.36%
36) 1,2-Dichloropropane-d6	6.10	67	131587	58.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.10%
41) Toluene-d8	7.34	98	376552	56.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.64%
43) trans-1,3-Dichloropropene-	7.64	79	61972	54.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.04%
47) 2-Hexanone-d5	8.12	63	92059	124.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162414	56.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.88%
64) 1,2-Dichlorobenzene-d4	11.65	152	142058	59.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.04%

Target Compounds

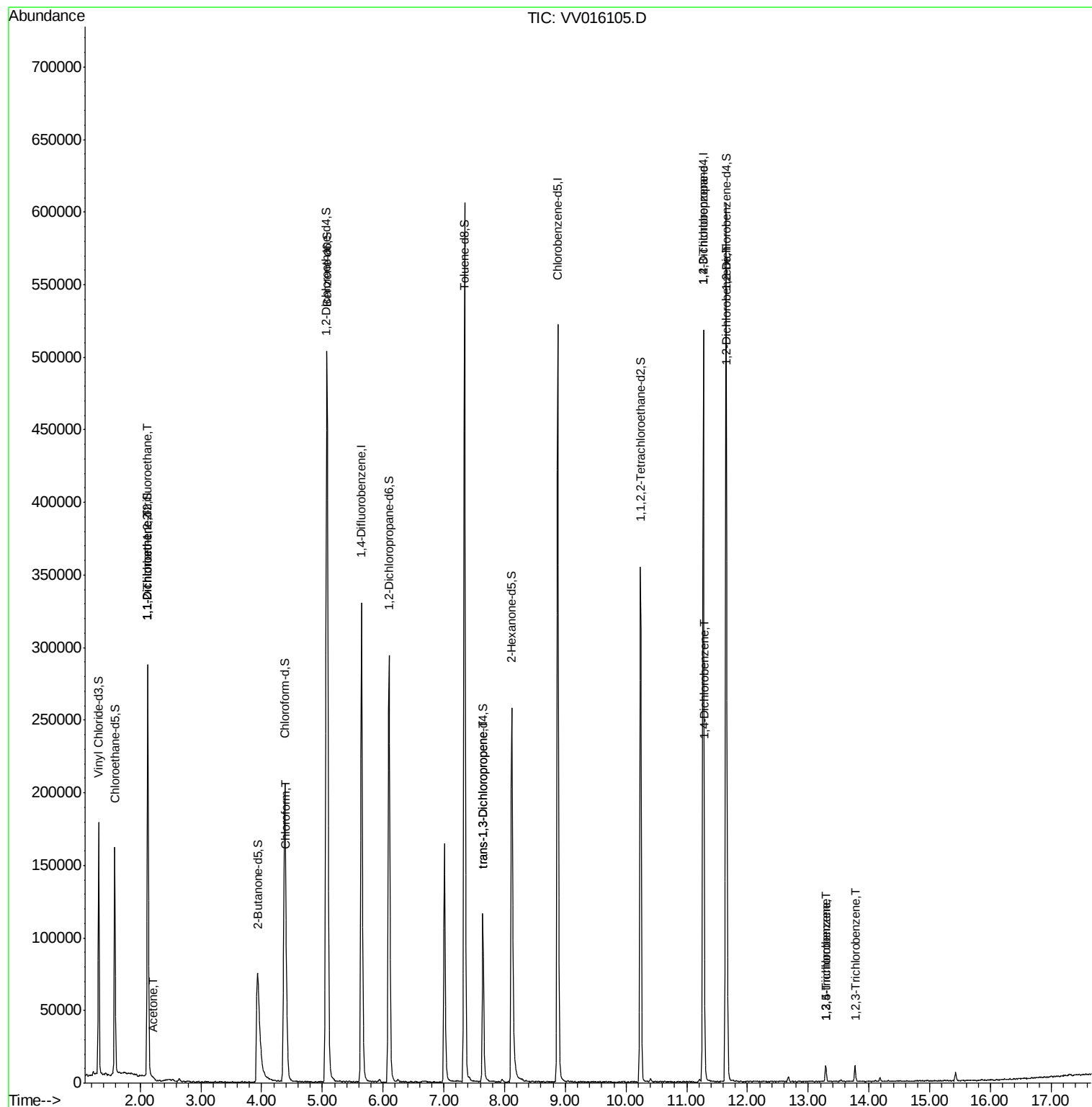
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1371	0.817	ug/L #	21
12) 1,1-Dichloroethene	2.13	96	1237	0.803	ug/L #	1
13) Acetone	2.22	43	1458	1.312	ug/L	89
25) Chloroform	4.41	83	31888	8.724	ug/L	99
44) trans-1,3-Dichloropropene	7.64	75	3106	1.023	ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	17598	7.371	ug/L	95
63) 1,4-Dichlorobenzene	11.30	146	3376	0.881	ug/L	92
65) 1,2-Dichlorobenzene	11.67	146	16223	4.288	ug/L	95
67) 1,3,5-Trichlorobenzene	13.29	180	3251	1.256	ug/L	96
68) 1,2,4-trichlorobenzene	13.29	180	3251	1.399	ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	2950	1.253	ug/L	97

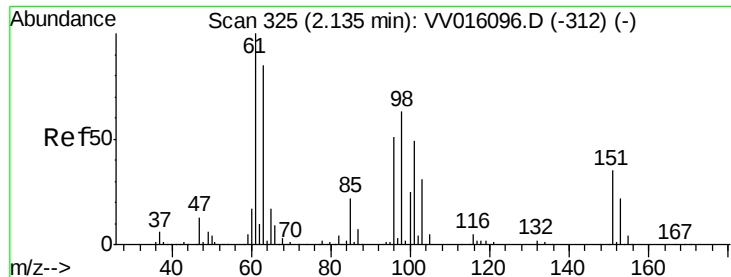
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.817 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016105.D

Acq: 18 May 2020 16:36

Instrument :

MSVOA_V

ClientSampleId :

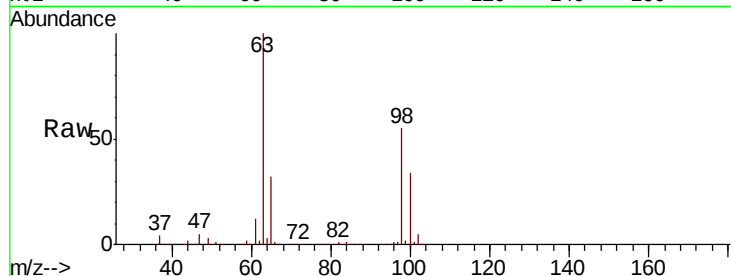
Tot Ion:101 Resp: 1371

Ion Ratio Lower Upper

101 100

85 0.0 36.2 54.4#

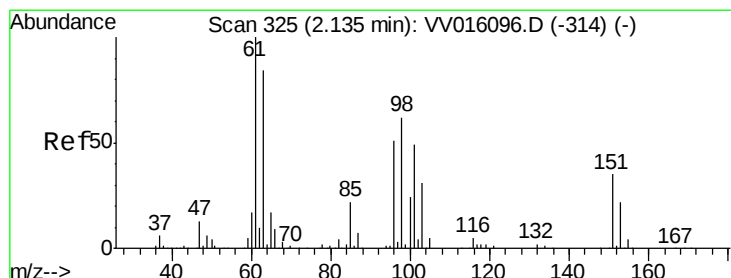
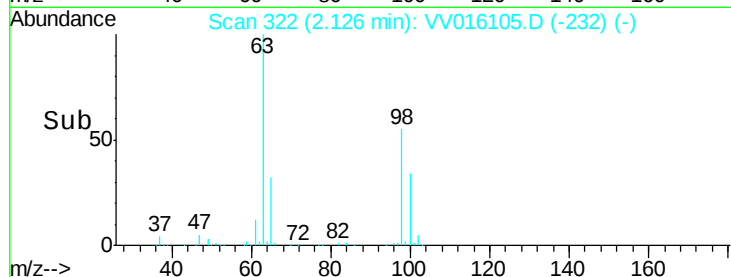
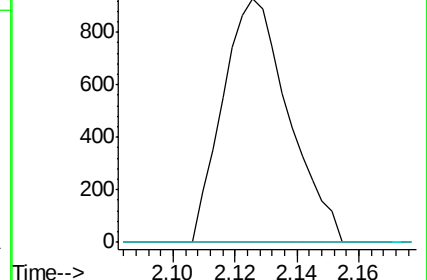
151 0.0 56.9 85.3#



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: 0.803 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016105.D

Acq: 18 May 2020 16:36

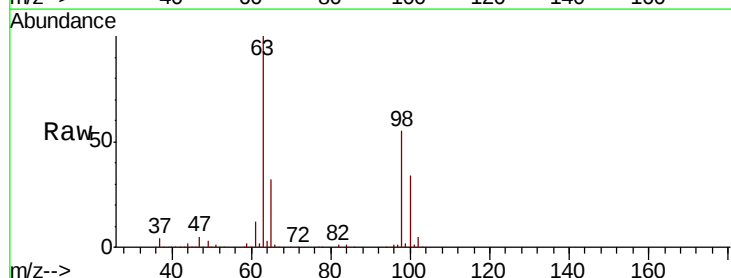
Tgt Ion: 96 Resp: 1237

Ion Ratio Lower Upper

96 100

61 1542.1 136.8 254.2#

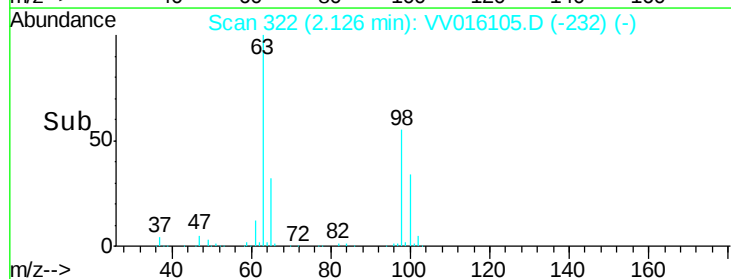
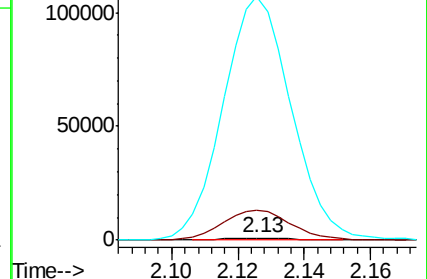
63 12557.7 116.6 216.5#

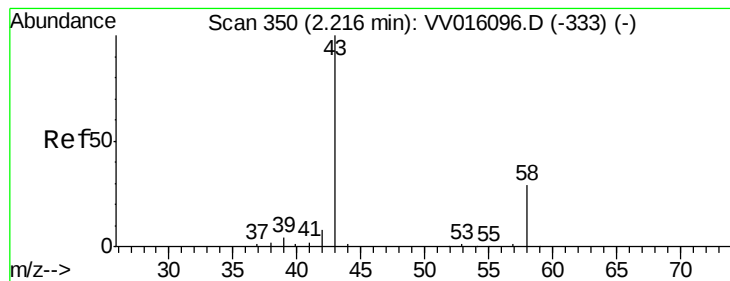


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.312 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.00 min

Lab File: VV016105.D

Acq: 18 May 2020 16:36

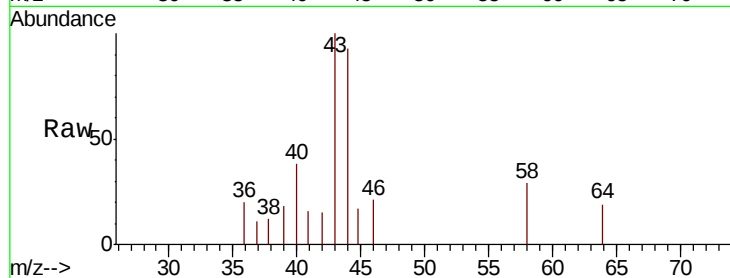
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1458

Ion Ratio Lower Upper

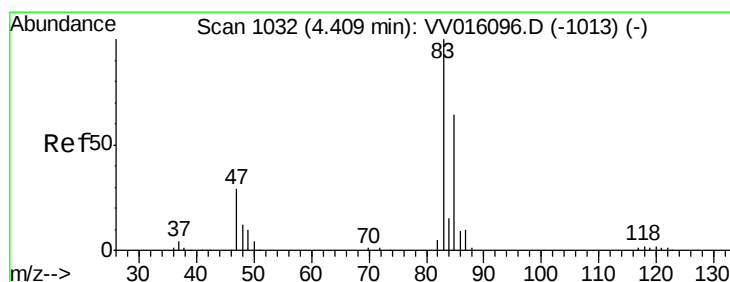
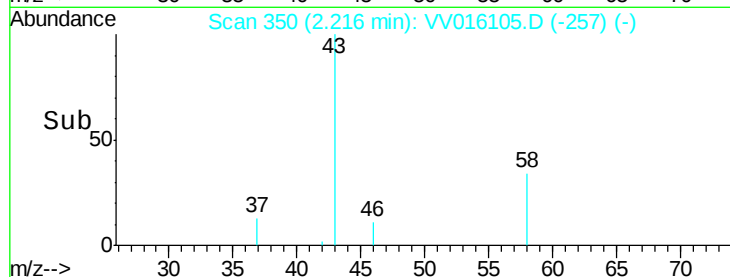
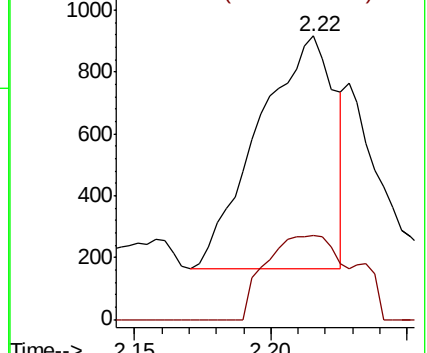
43 100

58 34.9 0.0 57.8



Abundance Ion 43.00 (42.70 to 43.70): VV016096.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV016096.D (-333) (-)



#25

Chloroform

Concen: 8.724 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. -0.00 min

Lab File: VV016105.D

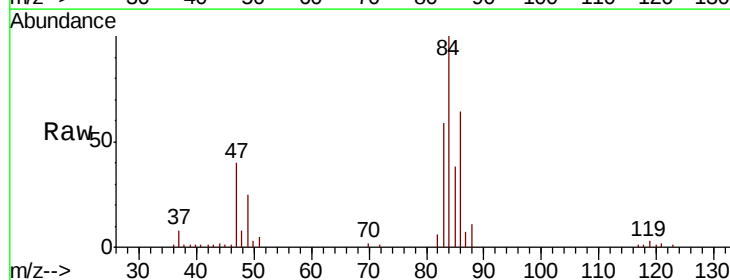
Acq: 18 May 2020 16:36

Tgt Ion: 83 Resp: 31888

Ion Ratio Lower Upper

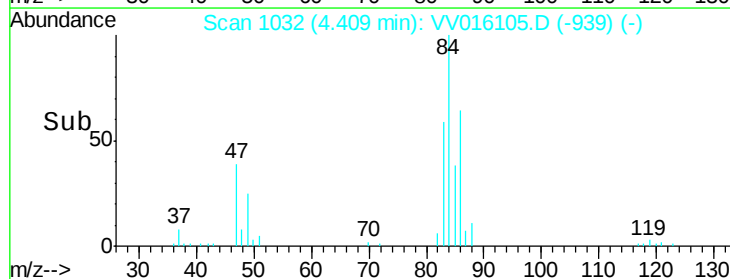
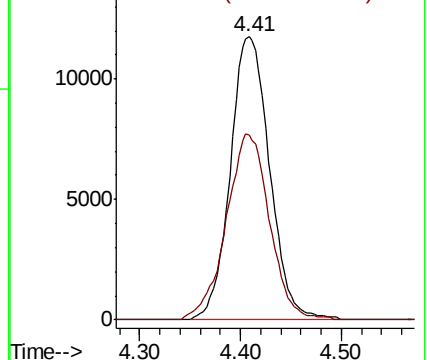
83 100

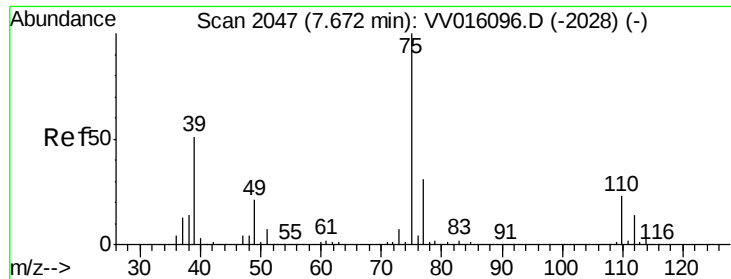
85 65.1 45.1 83.9



Abundance Ion 83.00 (82.70 to 83.70): VV016096.D (-1013) (-)

Ion 85.00 (84.70 to 85.70): VV016096.D (-1013) (-)





#44

trans-1,3-Dichloropropene

Concen: 1.023 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016105.D

Acq: 18 May 2020 16:36

Instrument :

MSVOA_V

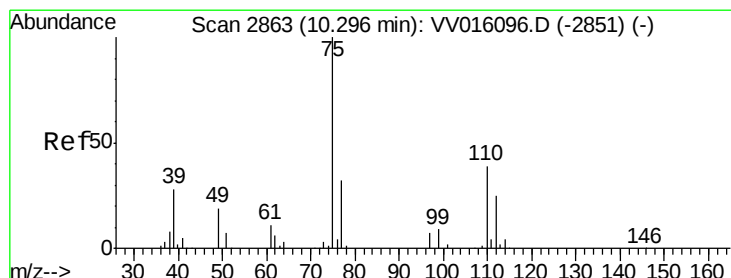
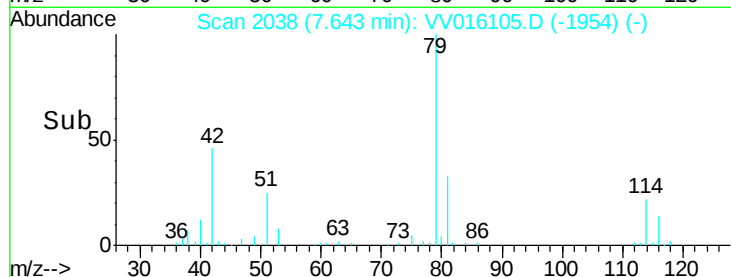
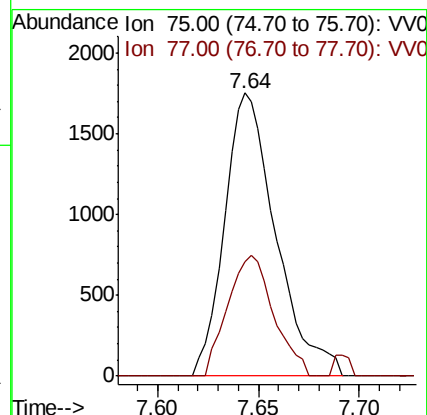
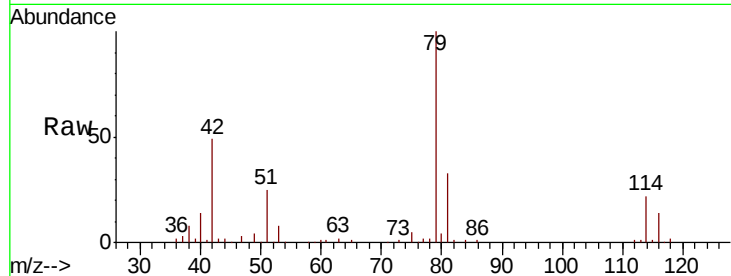
ClientSampleId :

Tot Ion: 75 Resp: 3106

Ion Ratio Lower Upper

75 100

77 40.5 21.3 39.6#



#59

1,2,3-Trichloropropane

Concen: 7.371 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016105.D

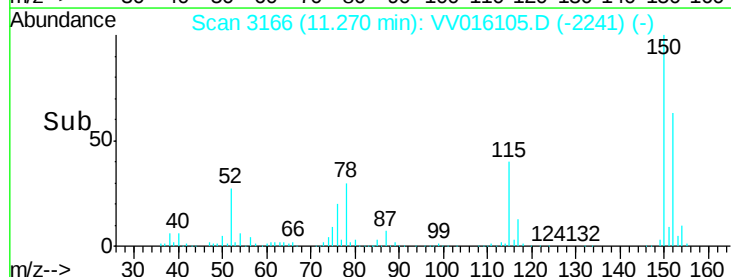
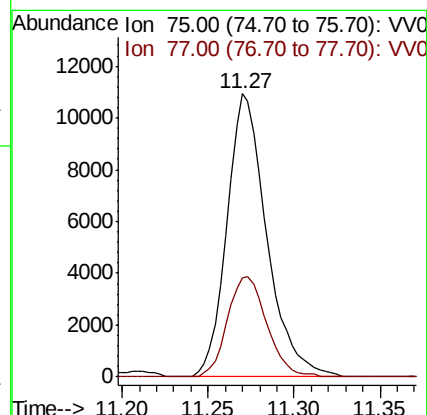
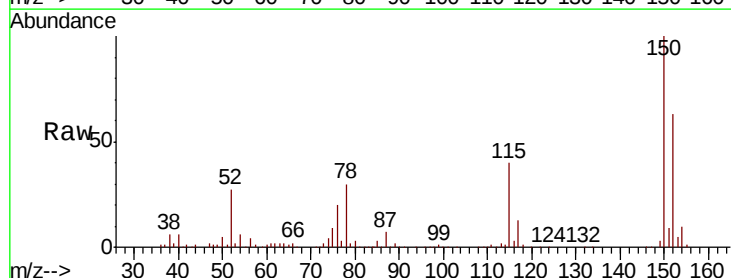
Acq: 18 May 2020 16:36

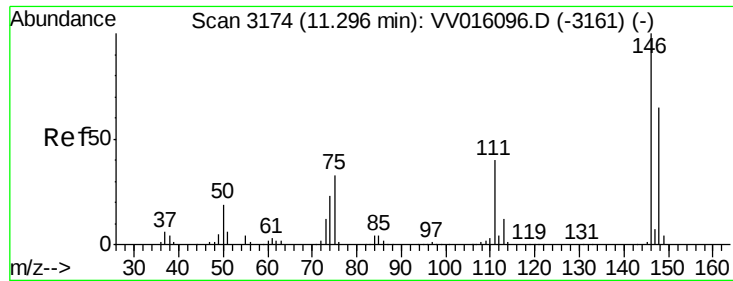
Tgt Ion: 75 Resp: 17598

Ion Ratio Lower Upper

75 100

77 34.9 25.5 38.3





#63

1,4-Dichlorobenzene

Concen: 0.881 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV016105.D

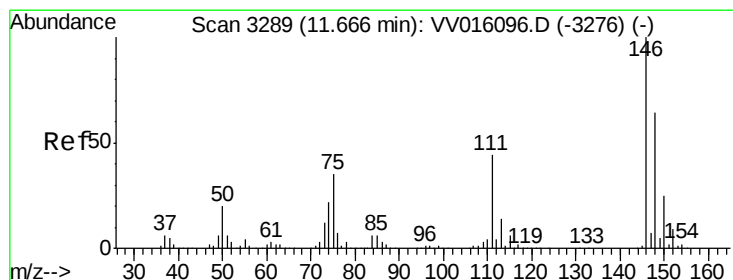
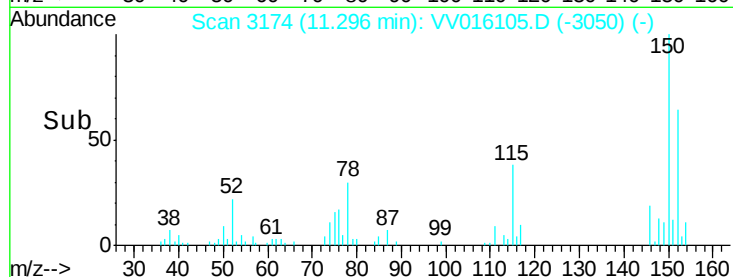
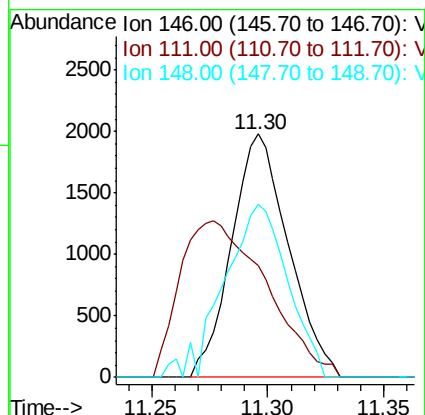
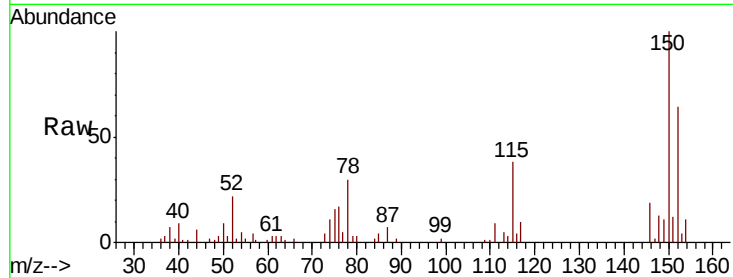
Acq: 18 May 2020 16:36

Instrument :

MSVOA_V

ClientSampled :

Tot Ion:146	Resp:	3376
Ion Ratio	Lower	Upper
146	100	
111	45.8	28.1 52.3
148	71.2	45.7 84.9



#65

1,2-Dichlorobenzene

Concen: 4.288 ug/L

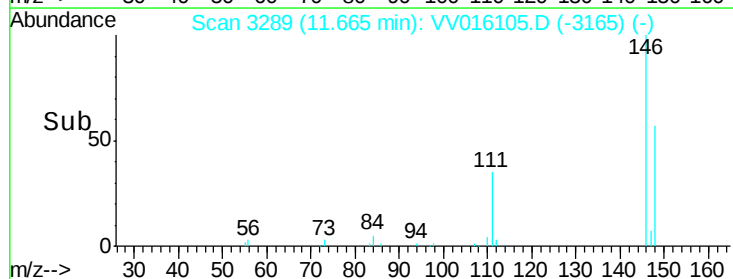
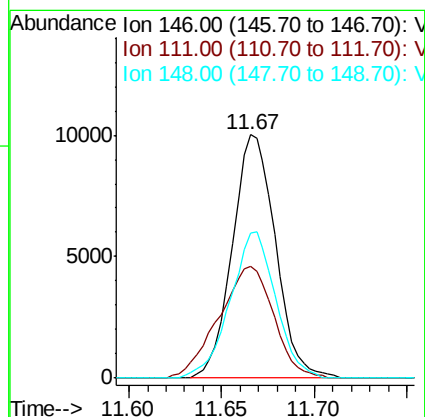
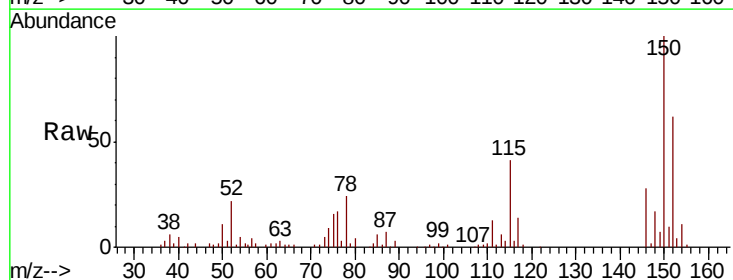
RT: 11.67 min Scan# 3289

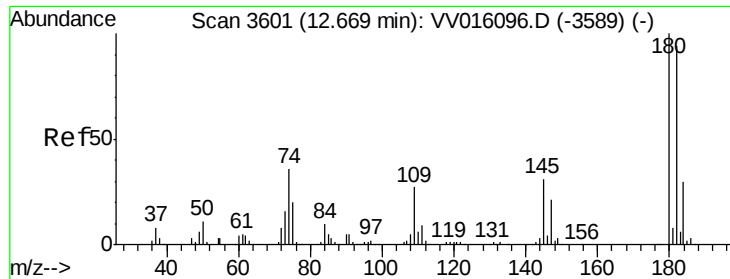
Delta R.T. -0.00 min

Lab File: VV016105.D

Acq: 18 May 2020 16:36

Tgt Ion:146	Resp:	16223
Ion Ratio	Lower	Upper
146	100	
111	45.8	35.2 52.8
148	59.4	51.4 77.2

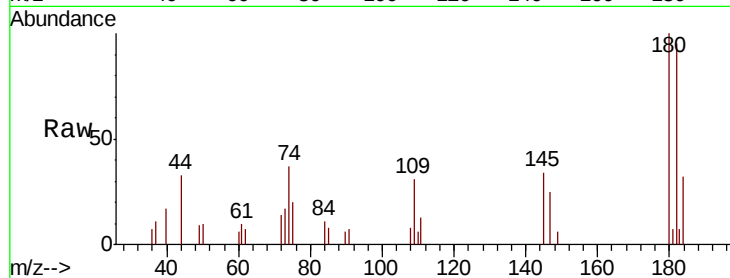




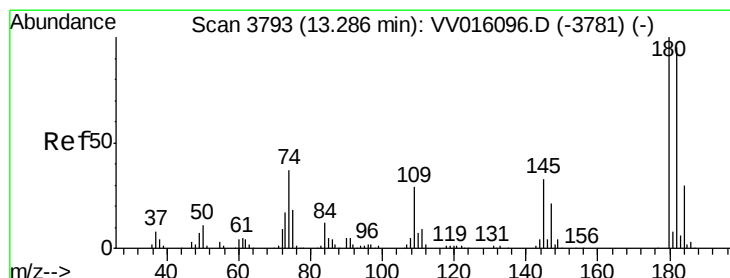
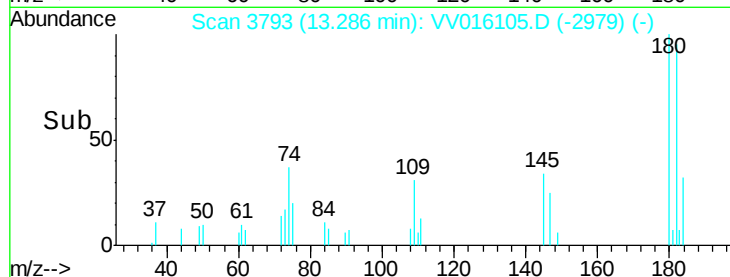
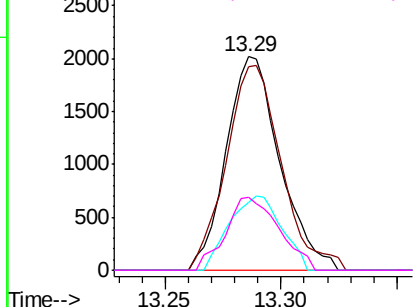
#67
 1,3,5-Trichlorobenzene
 Concen: 1.256 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV016105.D
 Acq: 18 May 2020 16:36

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 3251
 Ion Ratio Lower Upper
 180 100
 182 98.1 75.8 113.6
 184 34.1 24.3 36.5
 145 33.9 25.0 37.6

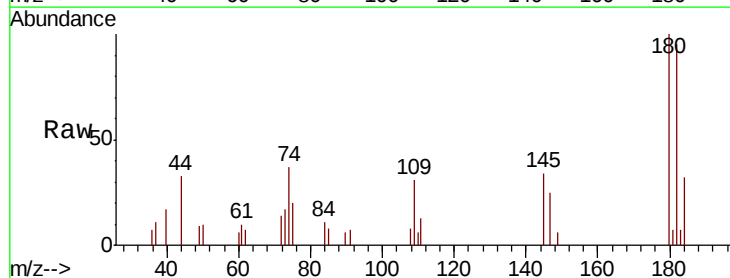


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

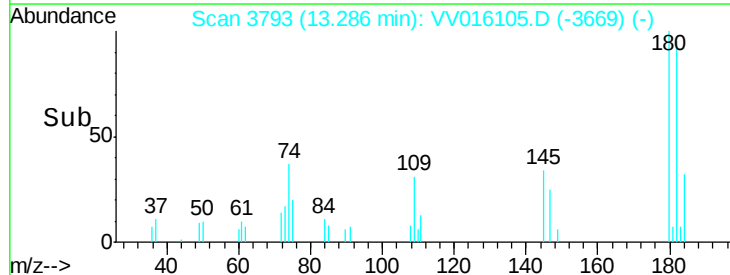
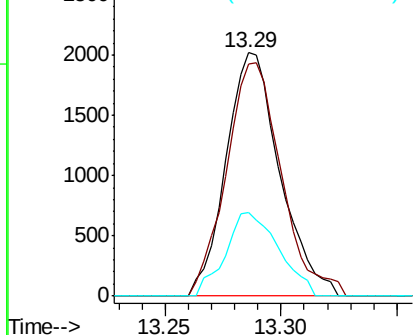


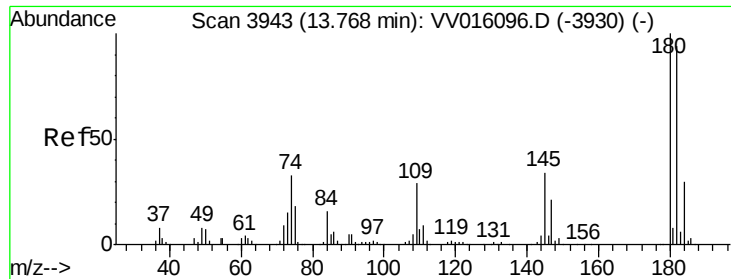
#68
 1,2,4-trichlorobenzene
 Concen: 1.399 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. -0.00 min
 Lab File: VV016105.D
 Acq: 18 May 2020 16:36

Tgt Ion:180 Resp: 3251
 Ion Ratio Lower Upper
 180 100
 182 98.1 76.2 114.4
 145 33.9 26.2 39.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

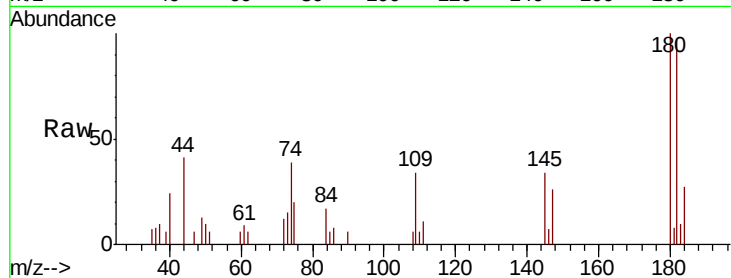




#70
 1,2,3-Trichlorobenzene
 Concen: 1.253 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV016105.D
 Acq: 18 May 2020 16:36

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 2950
 Ion Ratio Lower Upper
 180 100
 182 97.1 75.3 112.9
 145 35.6 27.4 41.0



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

