

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016109.D
 Acq On : 18 May 2020 18:08
 Operator : SY/MD
 Sample : L2655-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 19 04:51:48 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	315751	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	308680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	143586	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100925	44.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.64%
7) Chloroethane-d5	1.58	69	91692	45.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.78%
11) 1,1-Dichloroethene-d2	2.13	63	149968	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	3.94	46	148810	108.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.35%
24) Chloroform-d	4.38	84	193629	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
26) 1,2-Dichloroethane-d4	5.06	65	147215	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.08	84	403848	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
36) 1,2-Dichloropropane-d6	6.10	67	130505	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.46%
41) Toluene-d8	7.34	98	371099	46.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.96%
43) trans-1,3-Dichloropropene-	7.64	79	61349	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.36%
47) 2-Hexanone-d5	8.12	63	93564	107.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162020	48.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	140369	49.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.86%

Target Compounds

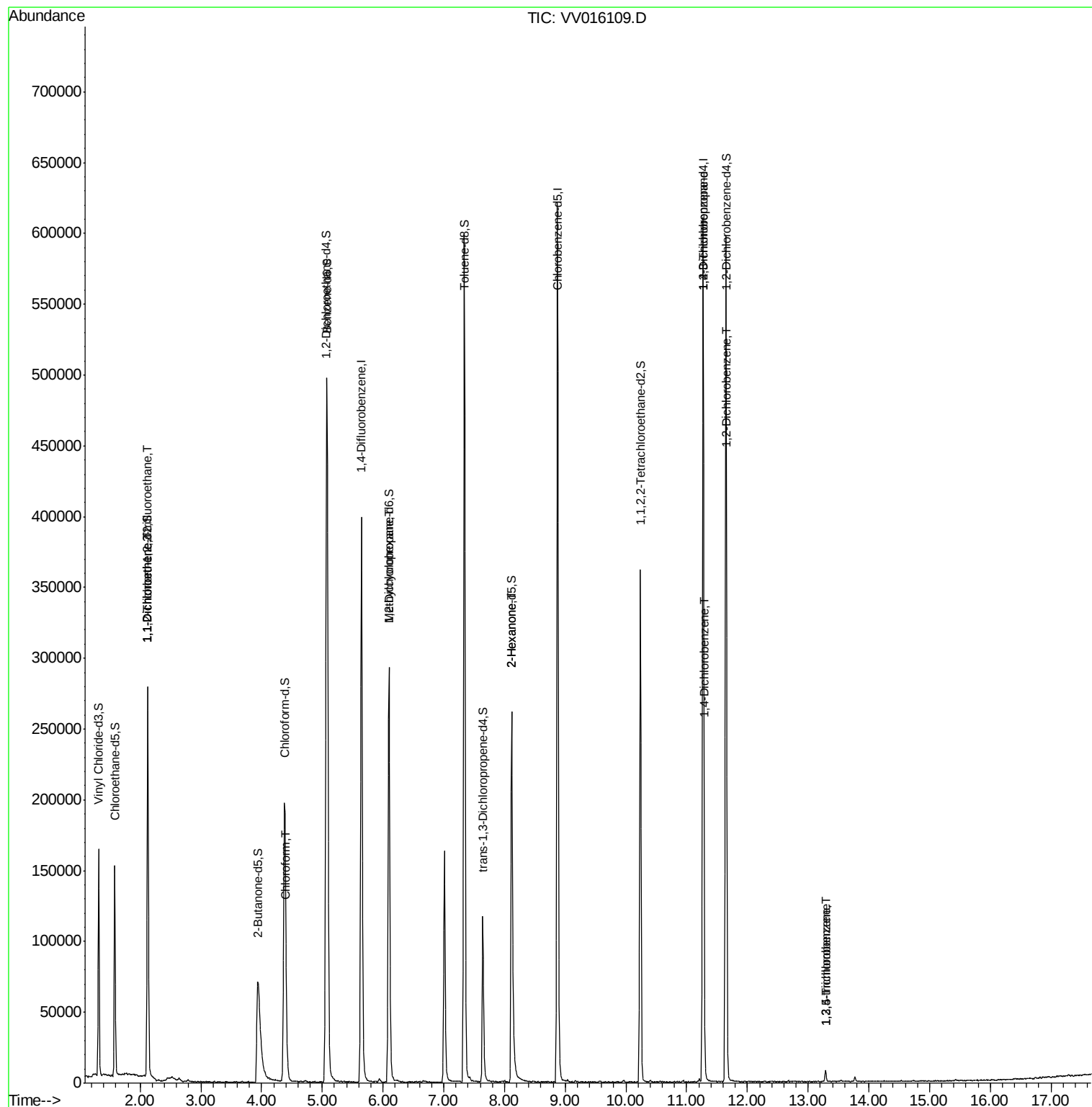
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1469	0.727 ug/L #	28
12) 1,1-Dichloroethene	2.13	96	1495	0.806 ug/L #	1
25) Chloroform	4.41	83	18352	4.172 ug/L	98
35) Methylcyclohexane	6.10	83	31783	8.989 ug/L #	17
48) 2-Hexanone	8.12	43	15758	6.974 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	20381	7.226 ug/L	93
63) 1,4-Dichlorobenzene	11.30	146	4270	0.936 ug/L	89
65) 1,2-Dichlorobenzene	11.67	146	3995	0.887 ug/L	94
67) 1,3,5-Trichlorobenzene	13.29	180	2521	0.819 ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	2521	0.912 ug/L	95

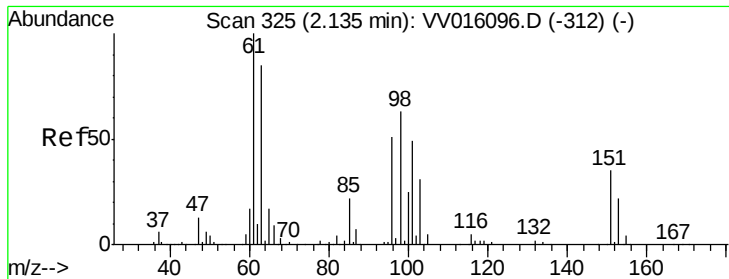
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue May 19 04:04:01 2020
Response via : Initial Calibration





#10

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

Concen: 0.727 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016109.D

Acq: 18 May 2020 18:08

Instrument :

MSVOA_V

ClientSampleId :

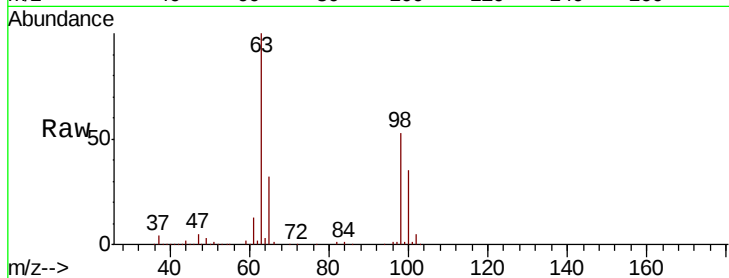
Tot Ion:101 Resp: 1469

Ion Ratio Lower Upper

101 100

85 7.0 36.2 54.4#

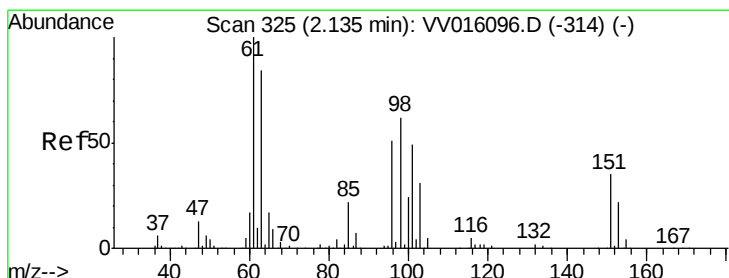
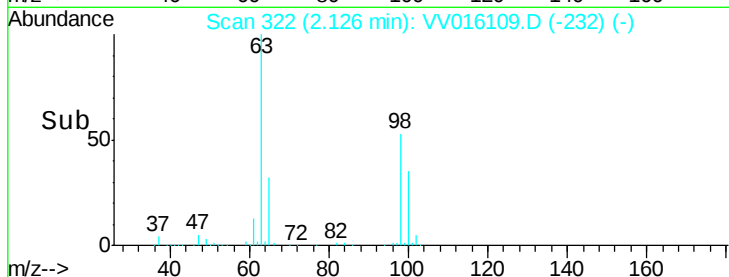
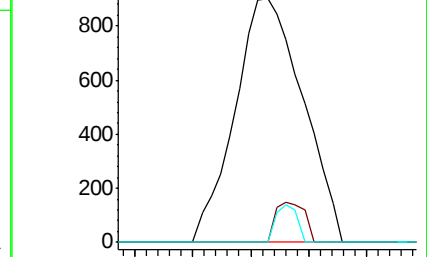
151 4.9 56.9 85.3#



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: 0.806 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016109.D

Acq: 18 May 2020 18:08

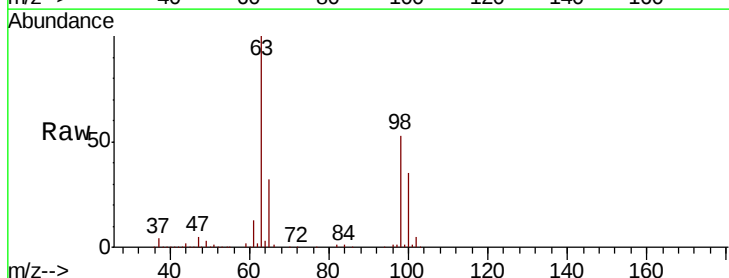
Tgt Ion: 96 Resp: 1495

Ion Ratio Lower Upper

96 100

61 1367.3 136.8 254.2#

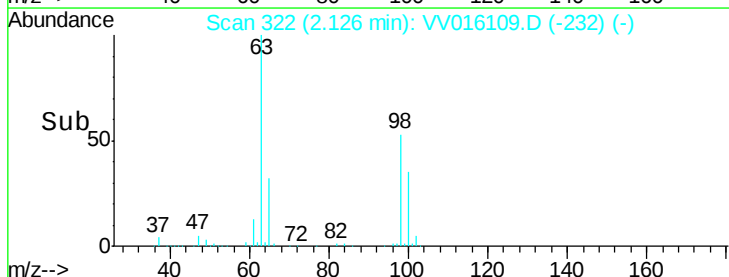
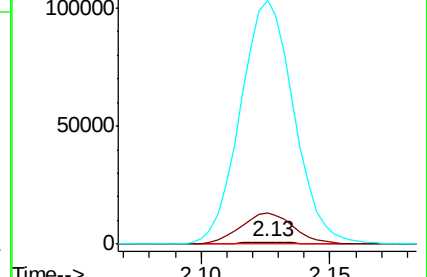
63 10855.1 116.6 216.5#

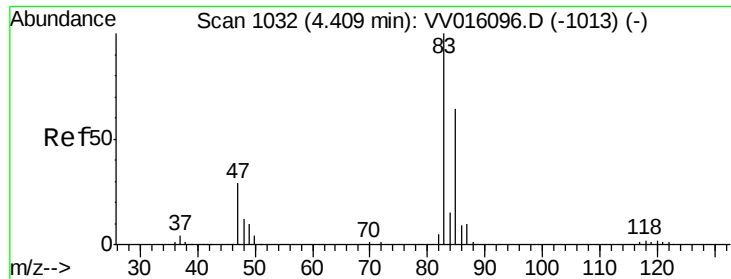


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

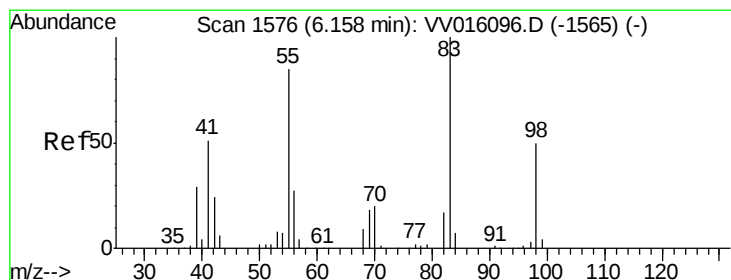
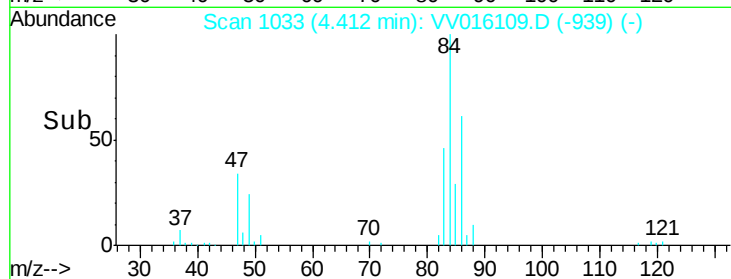
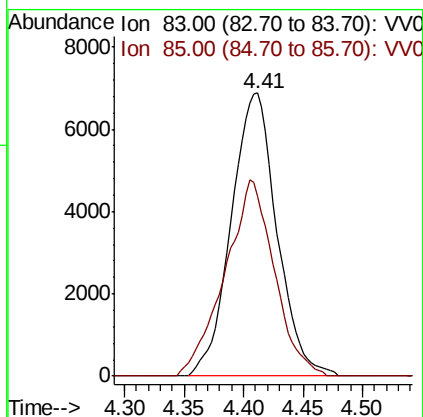
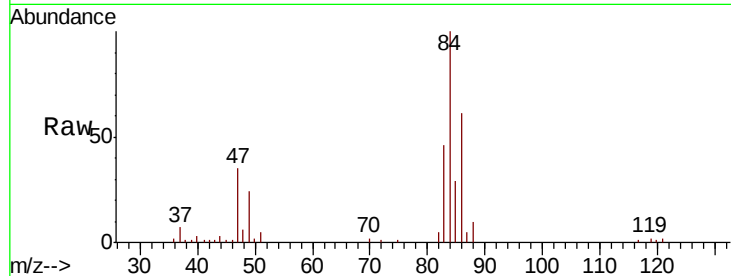




#25
Chloroform
Concen: 4.172 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.00 min
Lab File: VV016109.D
Acq: 18 May 2020 18:08

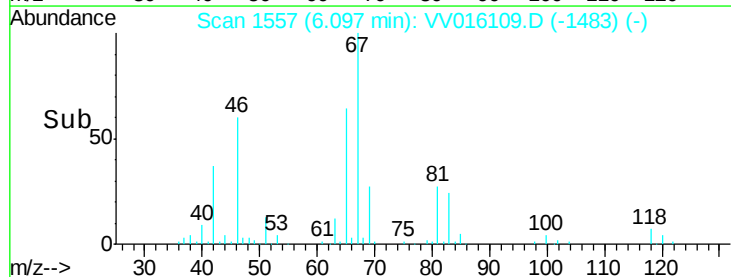
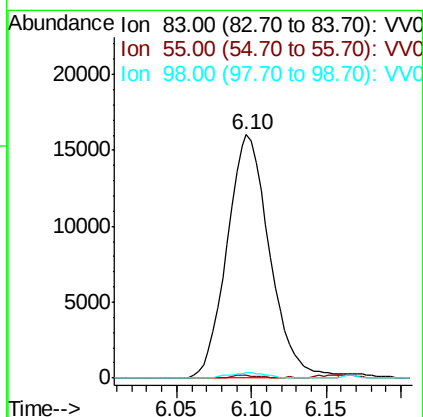
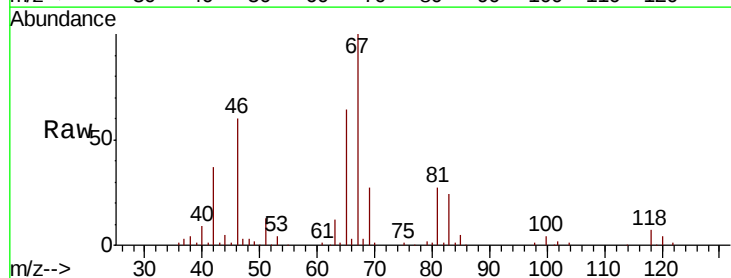
Instrument :
MSVOA_V
ClientSampleId :

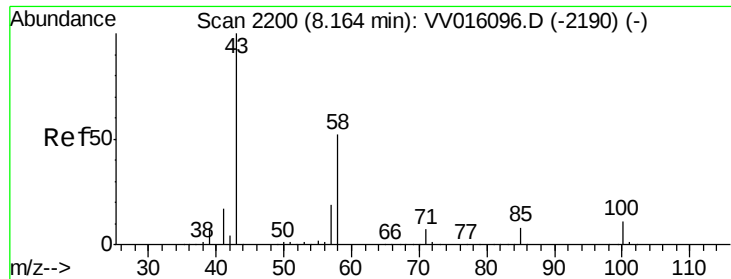
Tot Ion: 83 Resp: 18352
Ion Ratio Lower Upper
83 100
85 63.3 45.1 83.9



#35
Methylcyclohexane
Concen: 8.989 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016109.D
Acq: 18 May 2020 18:08

Tgt Ion: 83 Resp: 31783
Ion Ratio Lower Upper
83 100
55 0.6 66.2 99.2#
98 1.8 39.9 59.9#

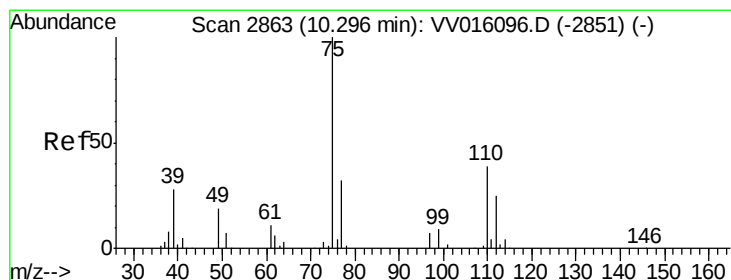
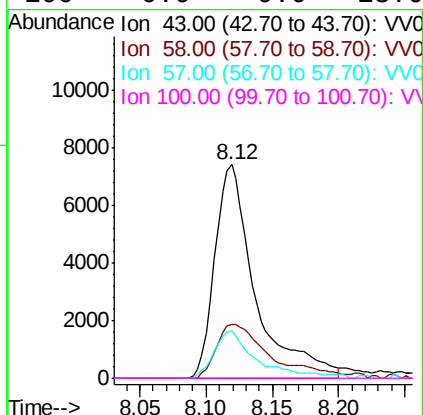
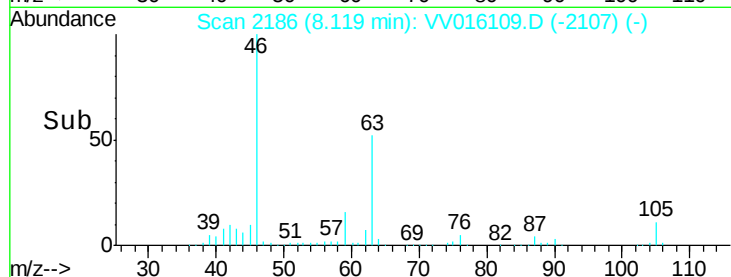
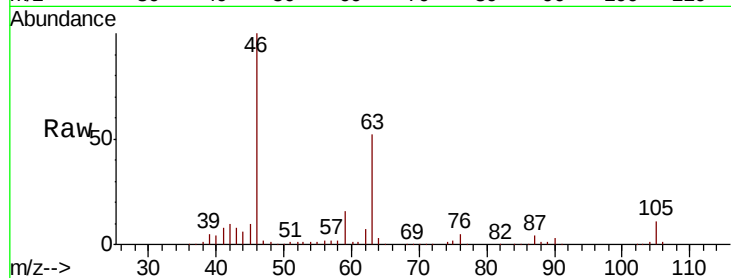




#48
2-Hexanone
Concen: 6.974 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016109.D
Acq: 18 May 2020 18:08

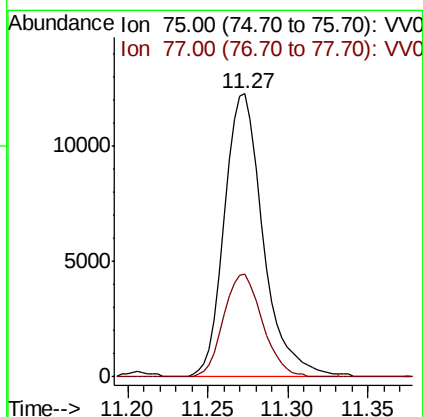
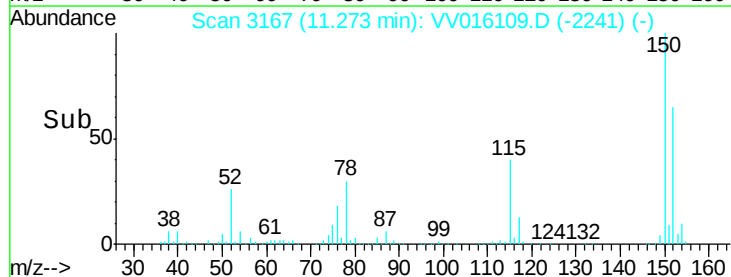
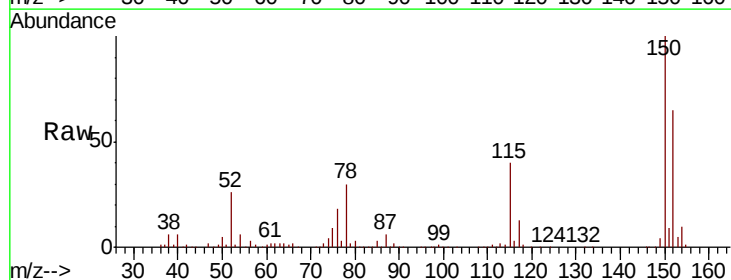
Instrument :
MSVOA_V
ClientSampled :

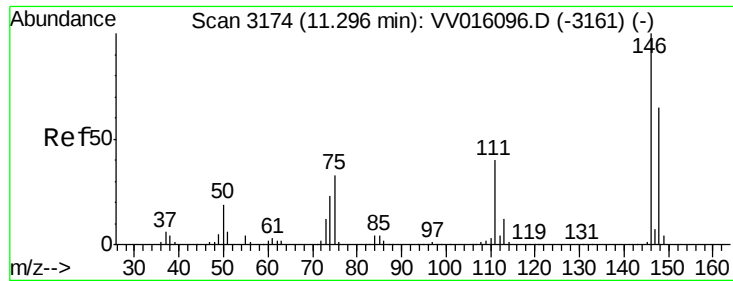
Tot Ion: 43 Resp: 15758
Ion Ratio Lower Upper
43 100
58 28.6 40.9 61.3#
57 21.9 15.0 22.4
100 0.0 9.0 13.6#



#59
1,2,3-Trichloropropane
Concen: 7.226 ug/L
RT: 11.27 min Scan# 3167
Delta R.T. 0.98 min
Lab File: VV016109.D
Acq: 18 May 2020 18:08

Tgt Ion: 75 Resp: 20381
Ion Ratio Lower Upper
75 100
77 36.1 25.5 38.3





#63

1,4-Dichlorobenzene

Concen: 0.936 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV016109.D

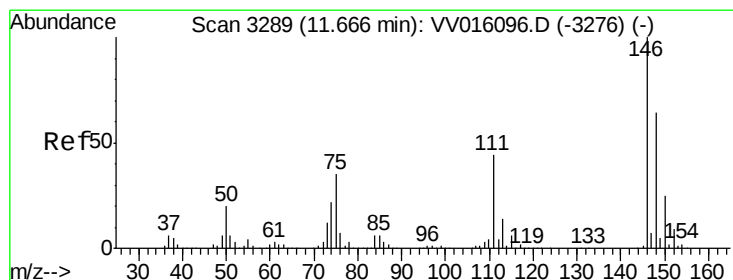
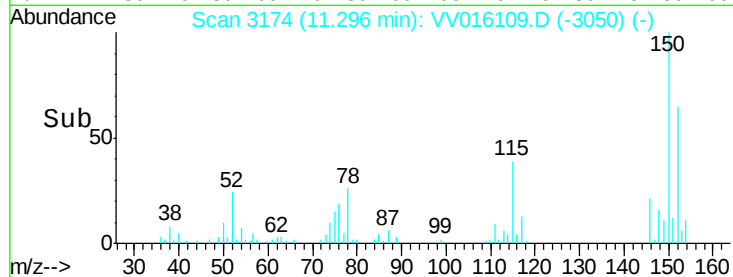
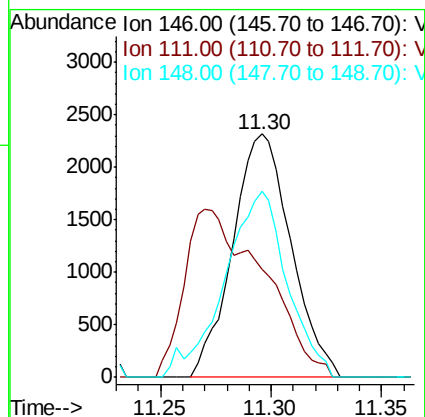
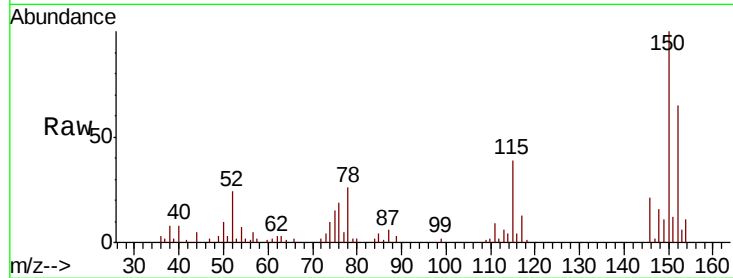
Acq: 18 May 2020 18:08

Instrument :

MSVOA_V

ClientSampled :

Tot Ion:146	Resp:	4270
Ion	Ratio	Lower Upper
146	100	
111	44.4	28.1 52.3
148	76.5	45.7 84.9



#65

1,2-Dichlorobenzene

Concen: 0.887 ug/L

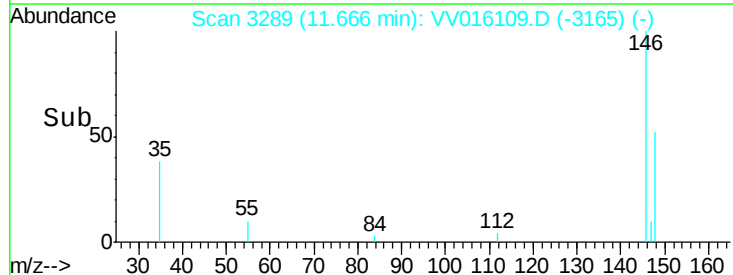
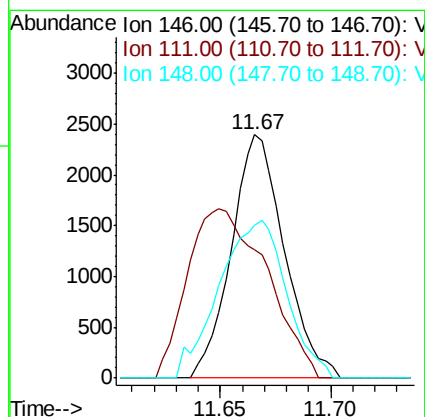
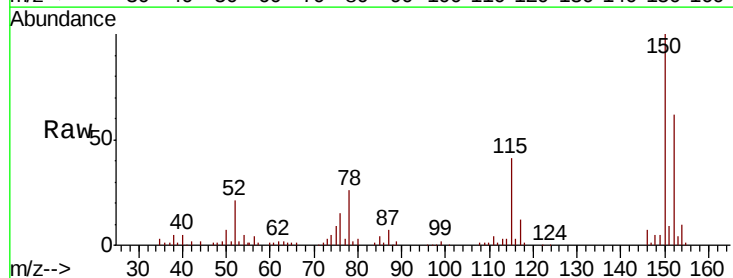
RT: 11.67 min Scan# 3289

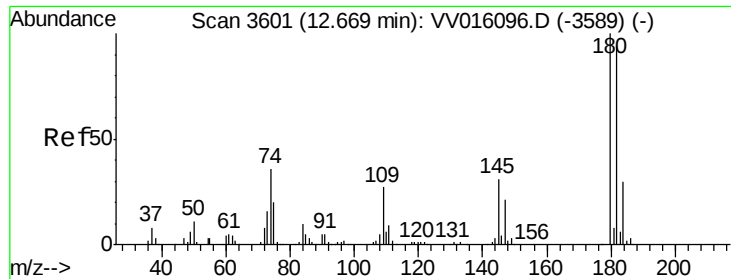
Delta R.T. -0.00 min

Lab File: VV016109.D

Acq: 18 May 2020 18:08

Tgt Ion:146	Resp:	3995
Ion	Ratio	Lower Upper
146	100	
111	52.5	35.2 52.8
148	62.9	51.4 77.2

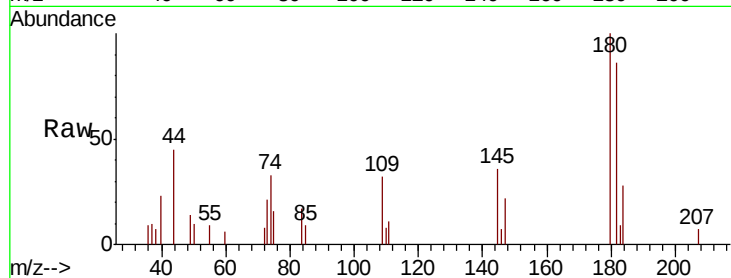




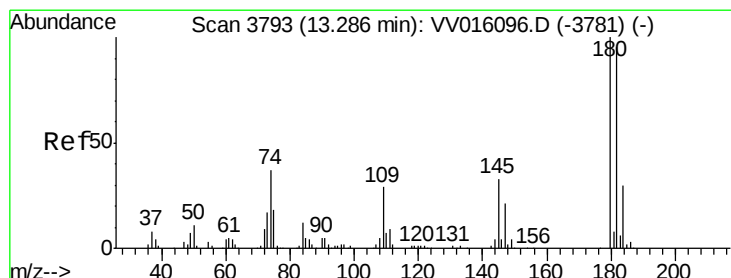
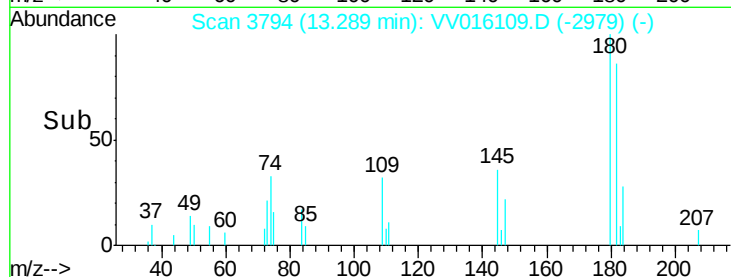
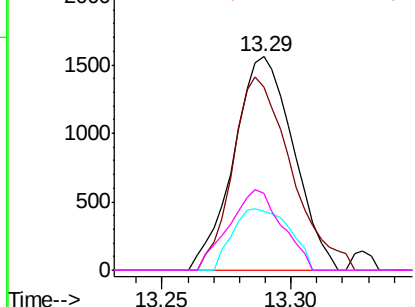
#67
 1,3,5-Trichlorobenzene
 Concen: 0.819 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.62 min
 Lab File: VV016109.D
 Acq: 18 May 2020 18:08

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 2521
 Ion Ratio Lower Upper
 180 100
 182 88.5 75.8 113.6
 184 27.4 24.3 36.5
 145 33.2 25.0 37.6

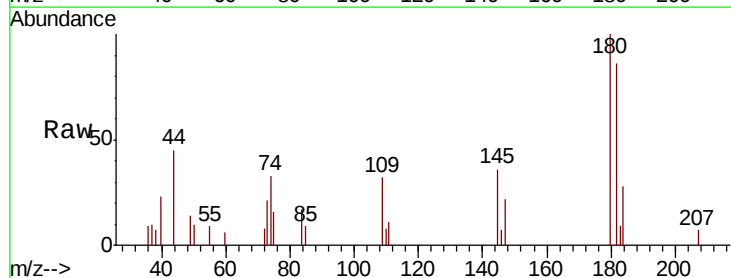


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.912 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV016109.D
 Acq: 18 May 2020 18:08

Tgt Ion:180 Resp: 2521
 Ion Ratio Lower Upper
 180 100
 182 88.5 76.2 114.4
 145 33.2 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

