

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016478.D
 Acq On : 04 Jun 2020 00:29
 Operator : SY/MD
 Sample : L2869-04MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 04 05:37:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 05:34:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352367	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334451	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155132	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102691	41.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.30%
7) Chloroethane-d5	1.56	69	74850	41.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.08%
11) 1,1-Dichloroethene-d2	2.12	63	193507	43.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.48%
21) 2-Butanone-d5	3.90	46	162491	101.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.82%
24) Chloroform-d	4.37	84	217474	46.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.86%
26) 1,2-Dichloroethane-d4	5.06	65	153501	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
32) Benzene-d6	5.07	84	437990	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
36) 1,2-Dichloropropane-d6	6.09	67	140268	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.50%
41) Toluene-d8	7.34	98	387032	47.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.14%
43) trans-1,3-Dichloropropene-	7.64	79	61392	45.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.26%
47) 2-Hexanone-d5	8.11	63	125201	104.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182730	48.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	158309	54.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

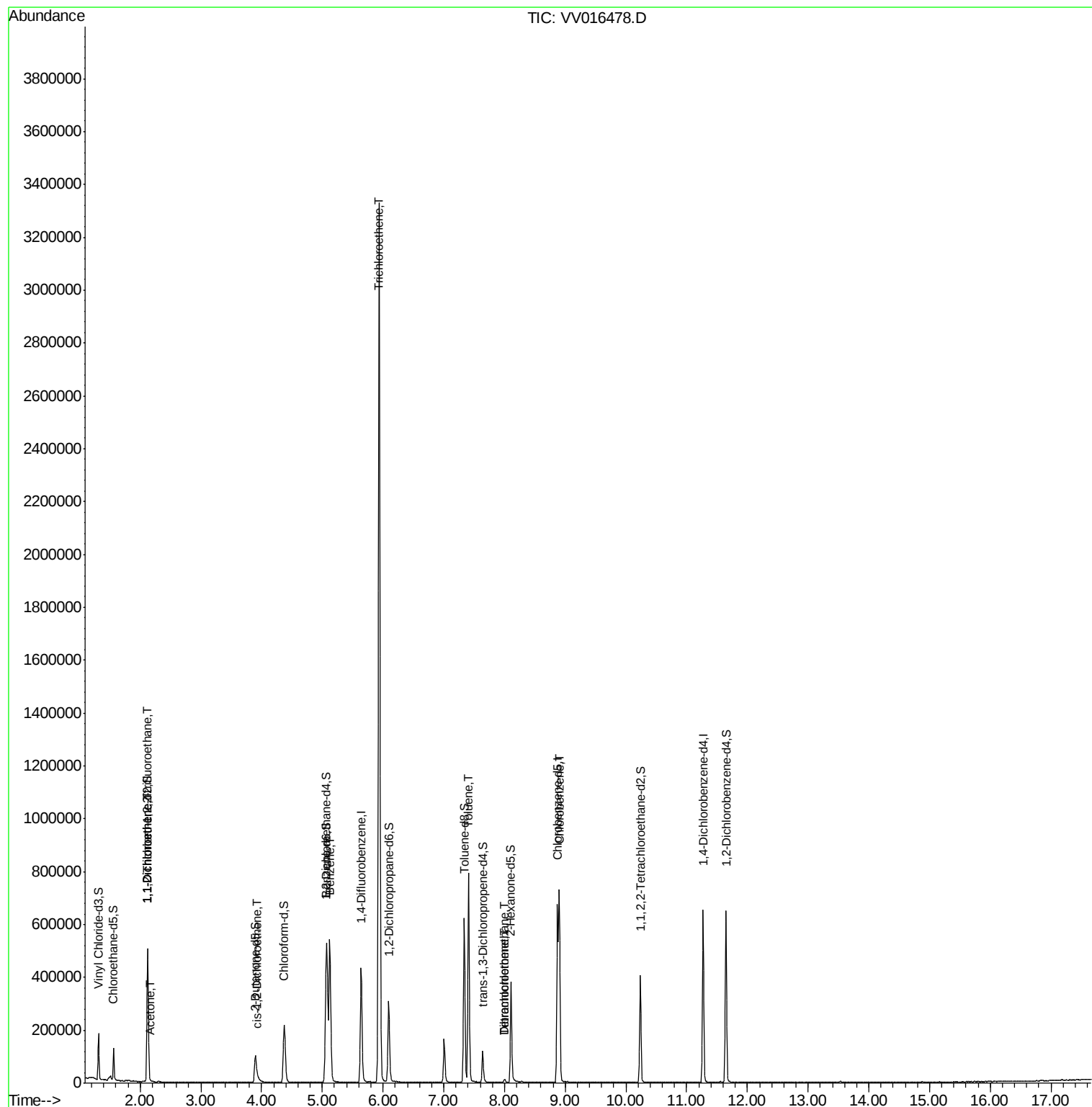
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1635	0.804 ug/L #	21
12) 1,1-Dichloroethene	2.13	96	91804	46.928 ug/L	92
13) Acetone	2.17	43	3833	2.570 ug/L	80
20) cis-1,2-Dichloroethene	3.94	96	4236	1.590 ug/L	83
33) Benzene	5.12	78	527723	53.651 ug/L	100
34) Trichloroethene	5.94	95	1119248	433.657 ug/L	97
42) Toluene	7.41	91	554049	53.157 ug/L	100
46) Tetrachloroethene	8.00	164	2398	1.205 ug/L	96
49) Dibromochloromethane	8.00	129	2116	0.878 ug/L #	10
51) Chlorobenzene	8.90	112	359831	52.528 ug/L	98

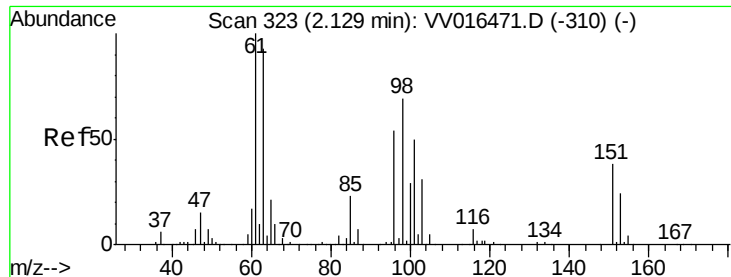
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_V
ClientSampleId :

Quant Time: Jun 04 05:37:17 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration





#10

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

Concen: 0.804 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016478.D

Acq: 04 Jun 2020 00:29

Instrument :

MSVOA_V

ClientSampled :

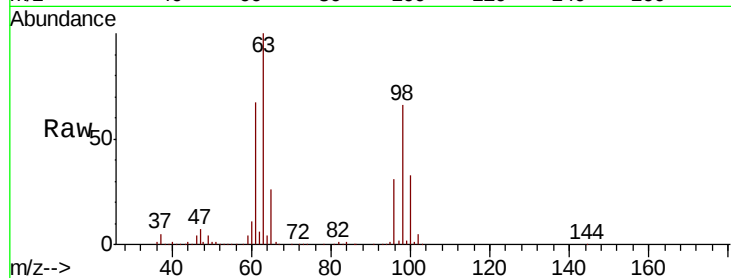
Tot Ion:101 Resp: 1635

Ion Ratio Lower Upper

101 100

85 4.0 35.6 53.4#

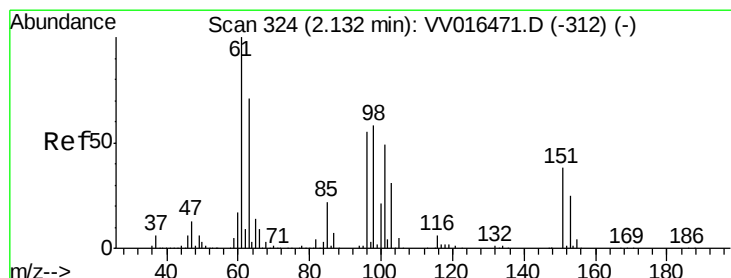
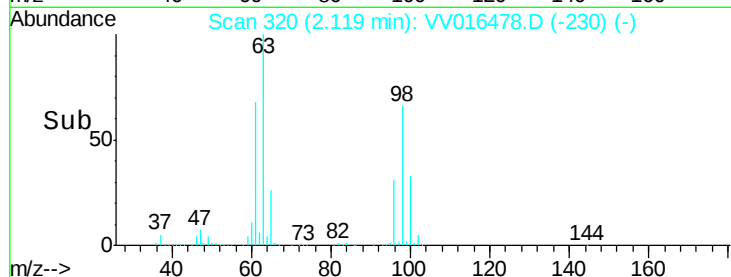
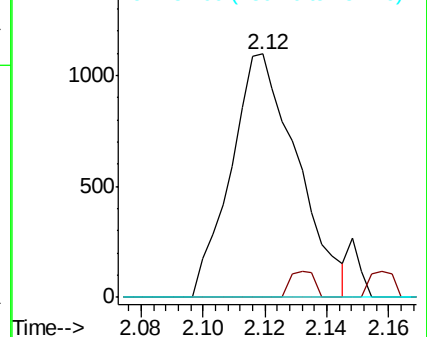
151 0.0 61.8 92.8#



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: 46.928 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016478.D

Acq: 04 Jun 2020 00:29

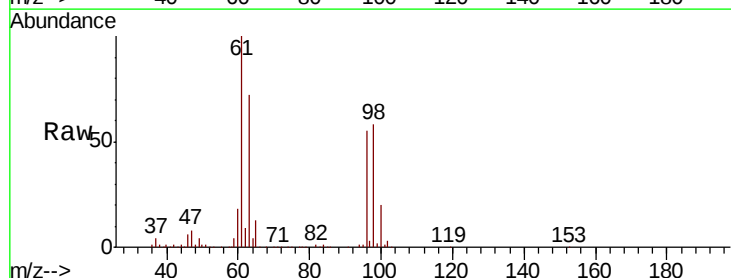
Tgt Ion: 96 Resp: 91804

Ion Ratio Lower Upper

96 100

61 182.7 125.5 233.1

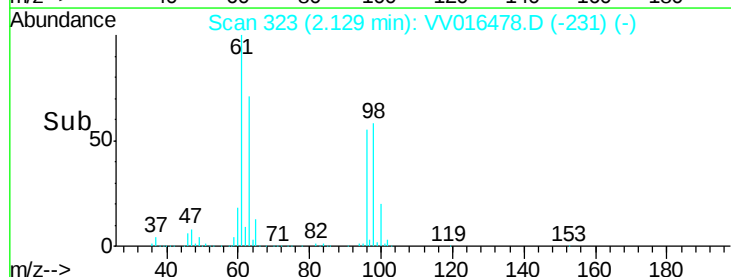
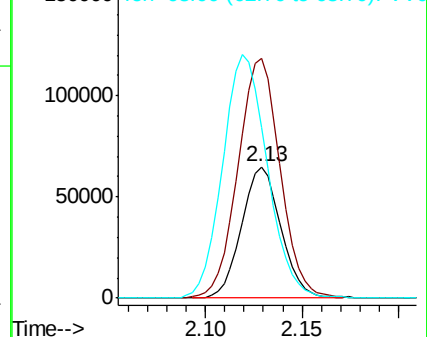
63 130.7 104.0 193.1

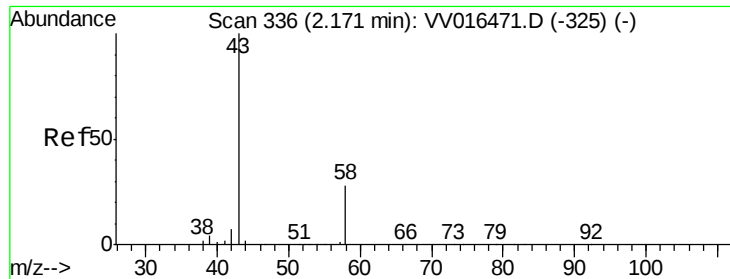


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.570 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016478.D

Acq: 04 Jun 2020 00:29

Instrument :

MSVOA_V

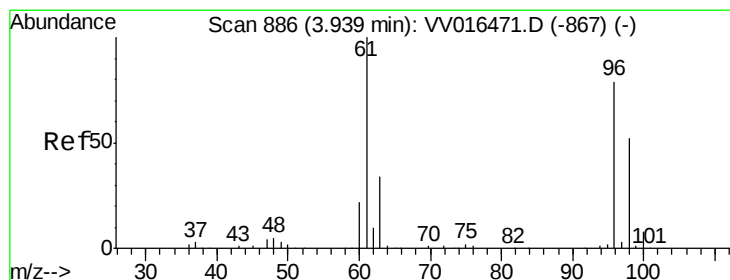
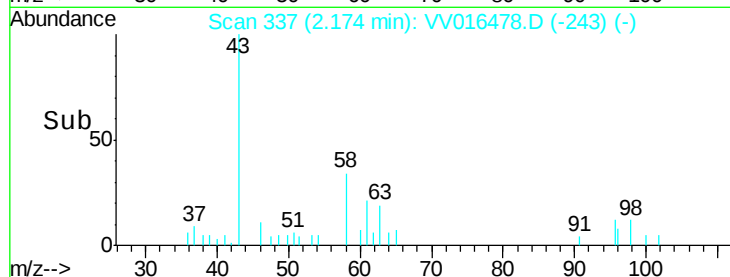
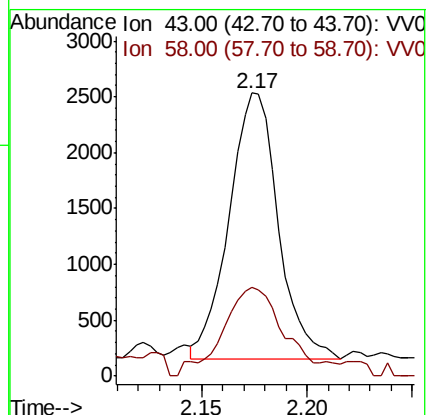
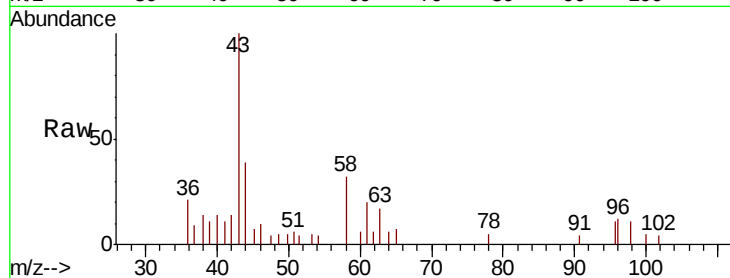
ClientSampleId :

Tot Ion: 43 Resp: 3833

Ion Ratio Lower Upper

43 100

58 39.4 0.0 57.2



#20

cis-1,2-Dichloroethene

Concen: 1.590 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV016478.D

Acq: 04 Jun 2020 00:29

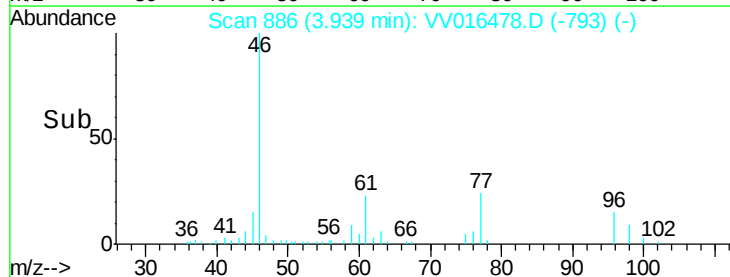
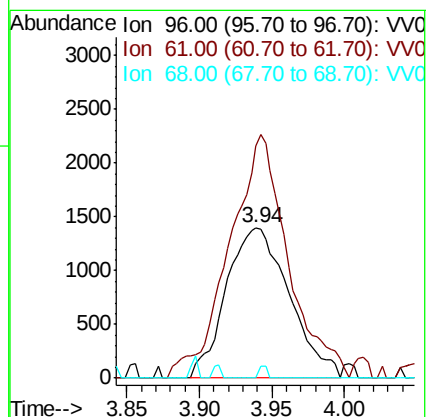
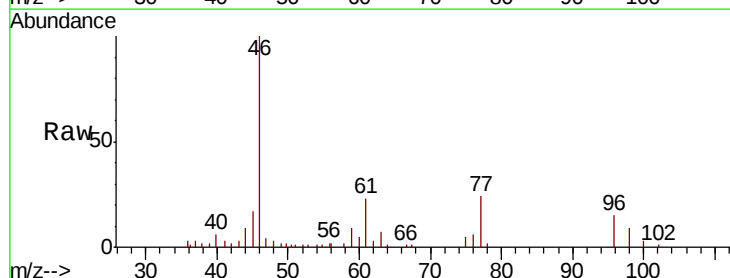
Tgt Ion: 96 Resp: 4236

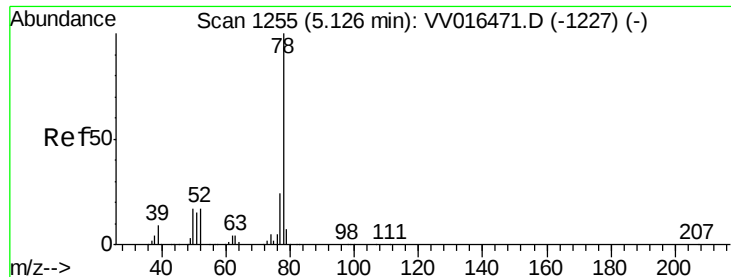
Ion Ratio Lower Upper

96 100

61 153.8 93.4 173.4

68 0.0 0.0 0.0





#33

Benzene

Concen: 53.651 ug/L

RT: 5.12 min Scan# 1254

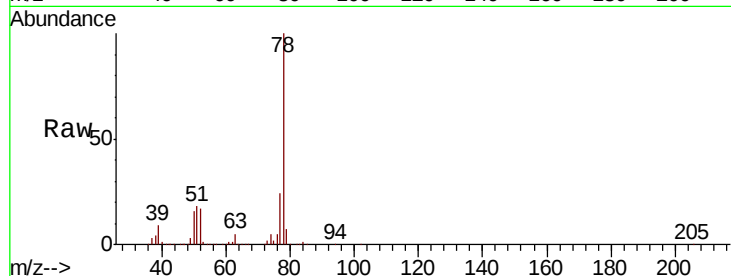
Delta R.T. -0.00 min

Lab File: VV016478.D

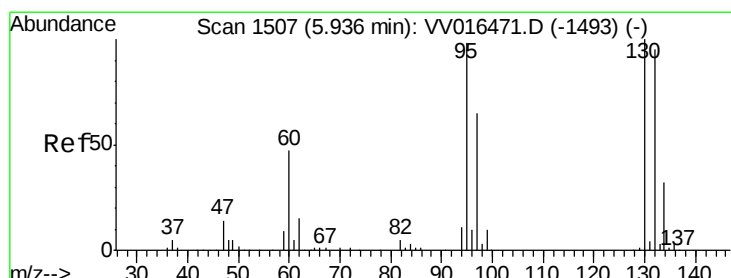
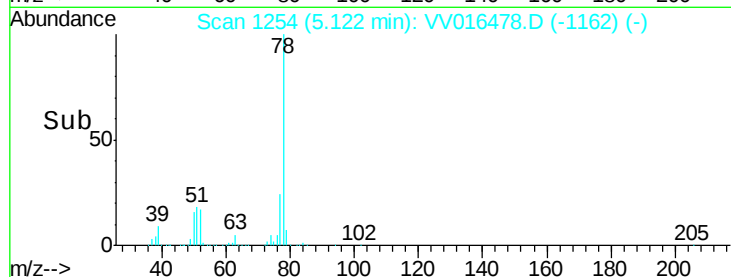
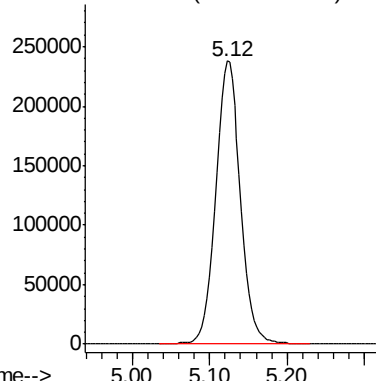
Acq: 04 Jun 2020 00:29

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 78 Resp: 527723



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 433.657 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV016478.D

Acq: 04 Jun 2020 00:29

Tgt Ion: 95 Resp: 1119248

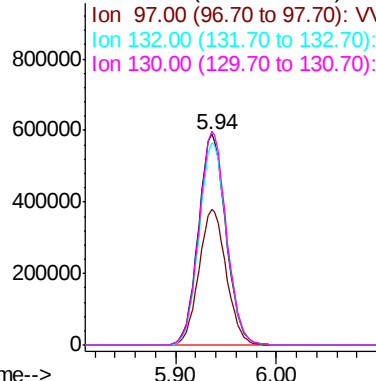
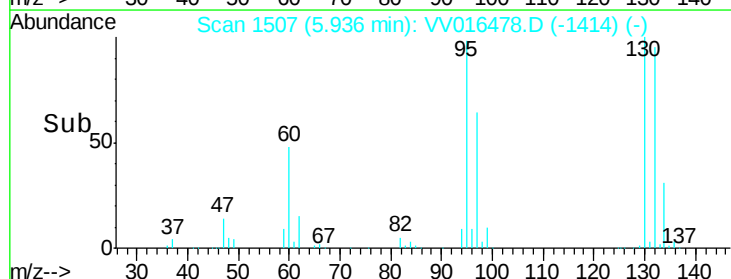
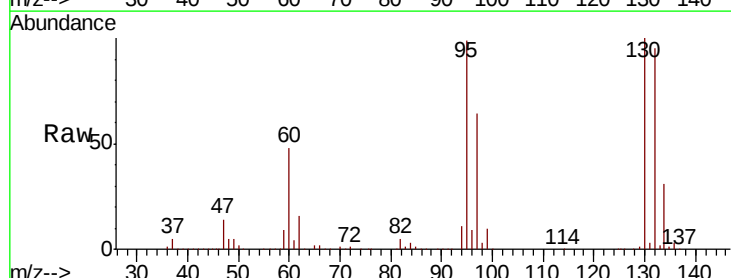
Ion	Ratio	Lower	Upper
95	100		
97	64.4	42.8	79.6
132	96.1	65.6	121.8
130	101.4	69.0	128.1

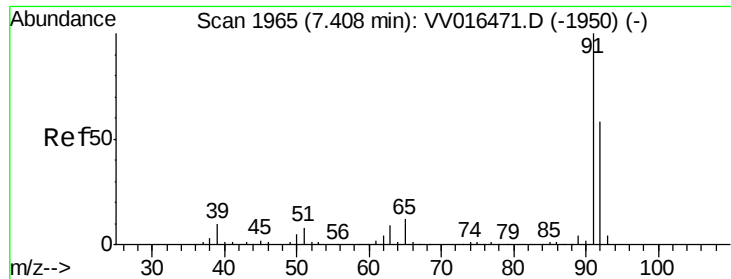
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#42

Toluene

Concen: 53.157 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016478.D

Acq: 04 Jun 2020 00:29

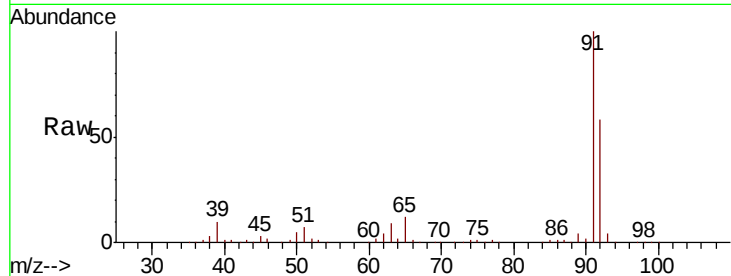
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 554049

Ion Ratio Lower Upper

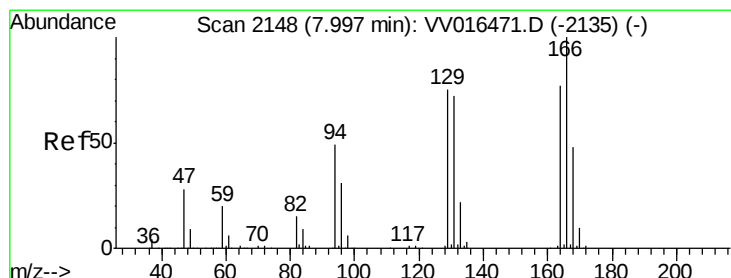
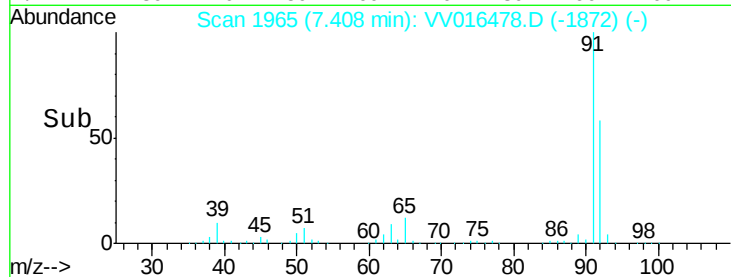
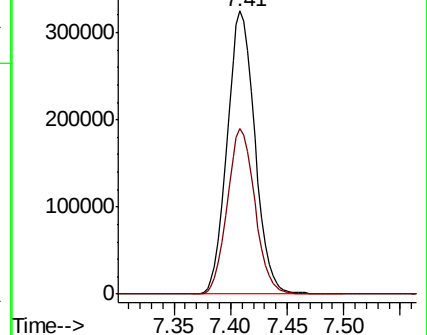
91 100

92 58.4 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016478.D (-1872) (-)

Ion 92.00 (91.70 to 92.70): VV016478.D (-1872) (-)



#46

Tetrachloroethene

Concen: 1.205 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV016478.D

Acq: 04 Jun 2020 00:29

Tgt Ion: 164 Resp: 2398

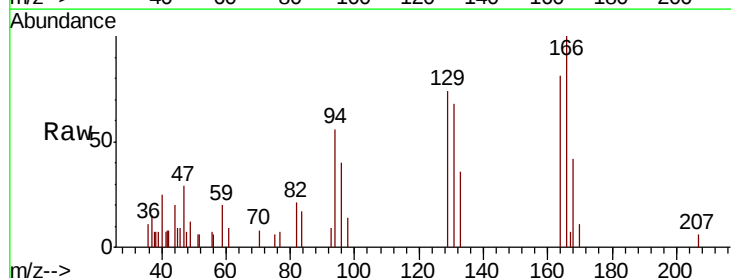
Ion Ratio Lower Upper

164 100

129 92.1 67.7 125.7

131 84.7 63.8 118.6

166 124.2 88.7 164.7

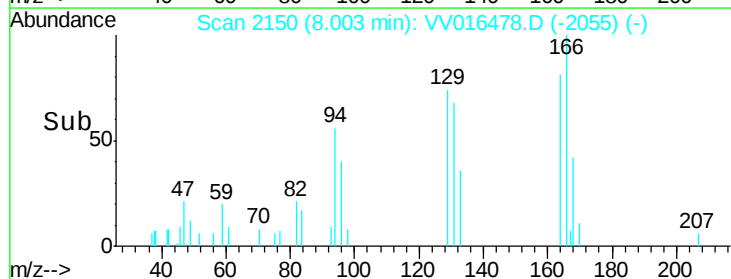
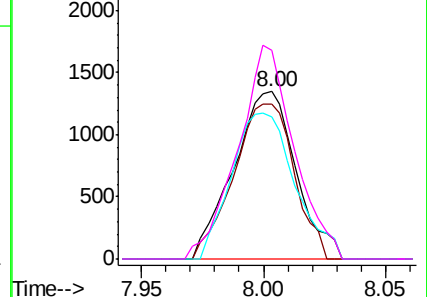


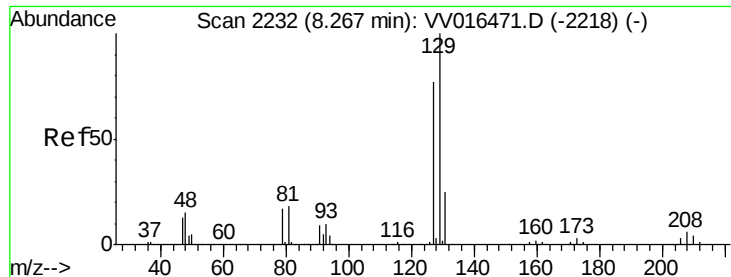
Abundance Ion 164.00 (163.70 to 164.70): VV016478.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV016478.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV016478.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV016478.D (-2055) (-)

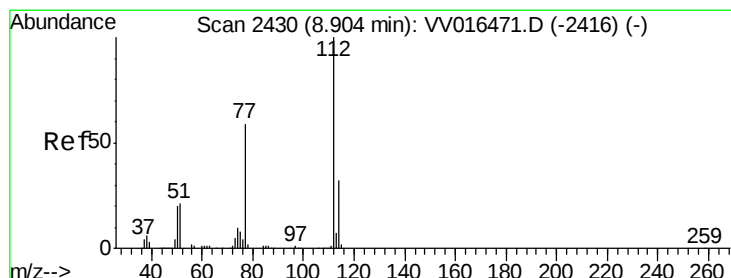
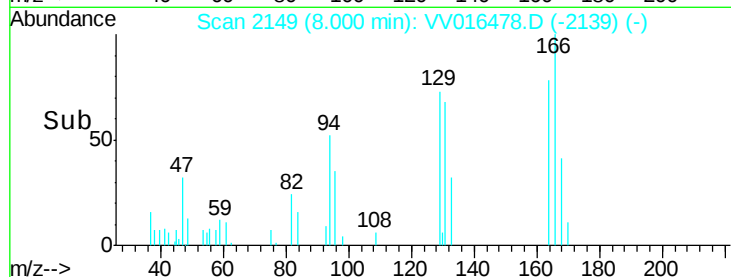
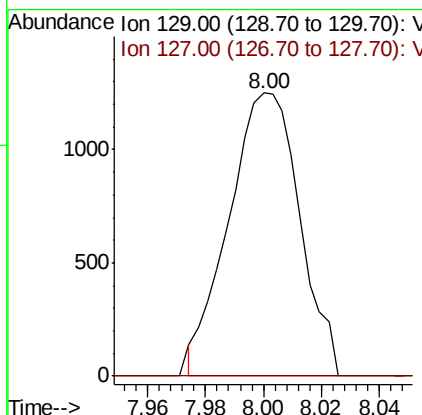
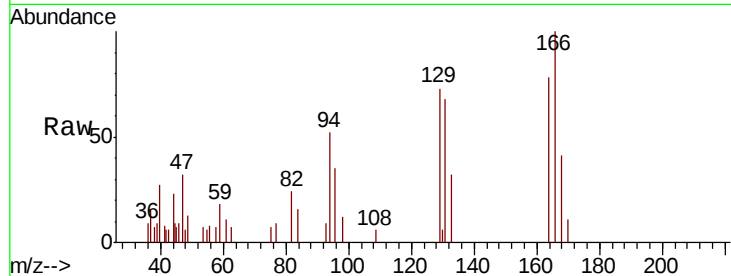




#49
Dibromochloromethane
Concen: 0.878 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV016478.D
Acq: 04 Jun 2020 00:29

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 2116
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#



#51
Chlorobenzene
Concen: 52.528 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV016478.D
Acq: 04 Jun 2020 00:29

Tgt Ion:112 Resp: 359831
Ion Ratio Lower Upper
112 100
114 31.4 22.7 42.1
77 58.3 47.4 71.2

