

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015984.D
 Acq On : 11 May 2020 13:05
 Operator : SY/MD
 Sample : L2520-23MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Z7MSD

Quant Time: May 12 01:42:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	146277	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142338	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65154	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33193	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	34736	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.13	63	81395	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	3.93	46	112301	49.61	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.22%
24) Chloroform-d	4.38	84	85814	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	49788	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.08	84	165335	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.10	67	53072	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.34	98	147890	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
45) trans-1,3-Dichloropropene-	7.64	79	14700	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
48) 2-Hexanone-d5	8.11	63	79780	44.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36815	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	54552	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

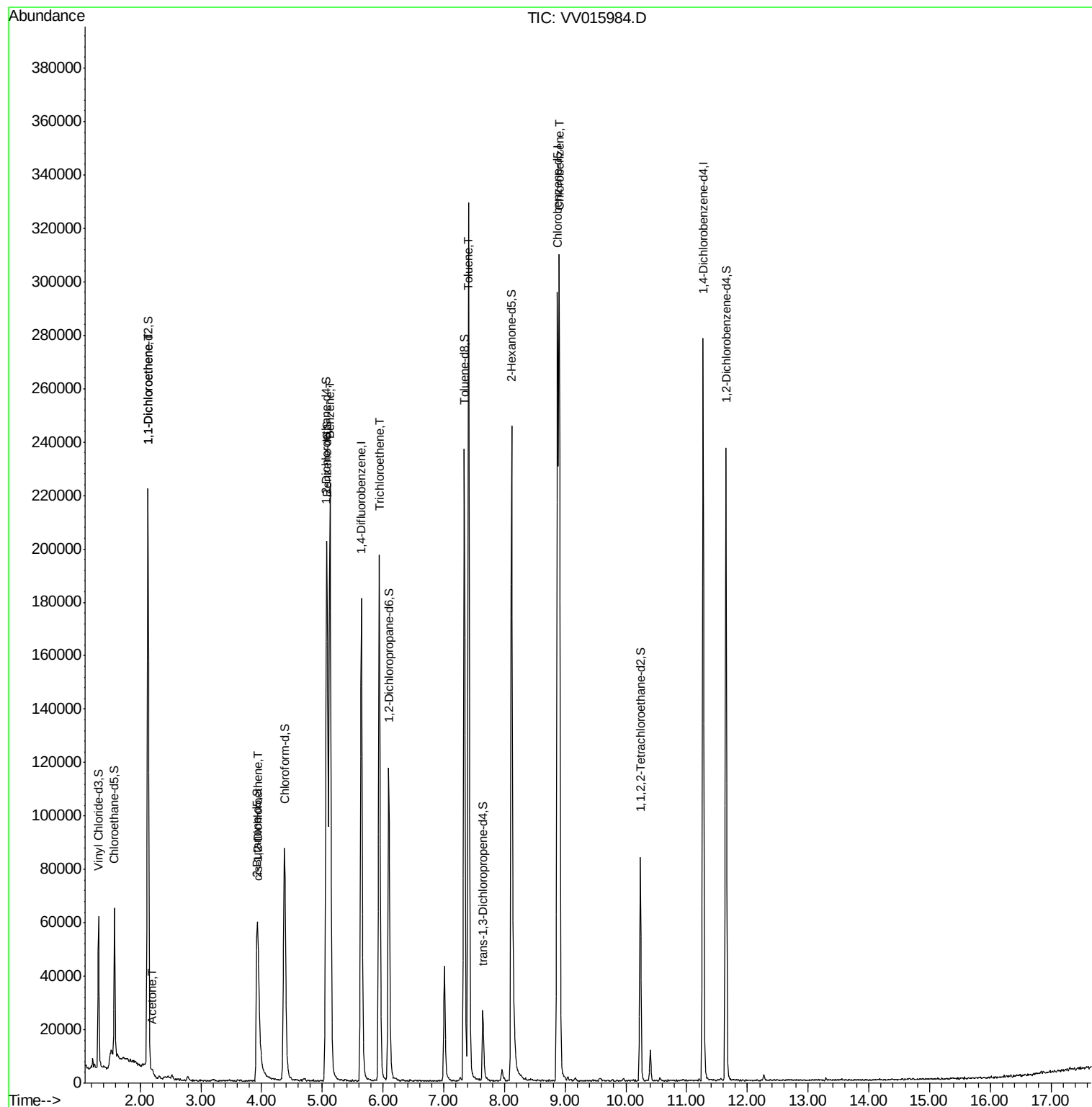
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	43677	5.426	ug/L	88
13) Acetone	2.20	43	4169	2.792	ug/L	91
22) cis-1,2-Dichloroethene	3.95	96	4970	0.534	ug/L	94
33) Benzene	5.13	78	213232	5.954	ug/L	100
34) Trichloroethene	5.94	95	68341	6.686	ug/L	98
42) Toluene	7.41	91	225965	5.953	ug/L	99
53) Chlorobenzene	8.90	112	146154	5.987	ug/L	98

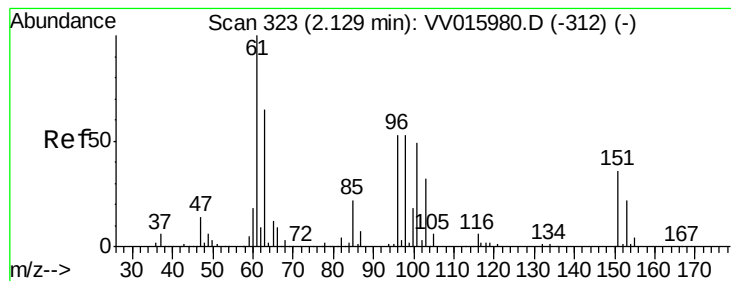
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 12 01:07:44 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.426 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015984.D

Acq: 11 May 2020 13:05

Instrument :

MSVOA_V

ClientSampled :

H41Z7MSD

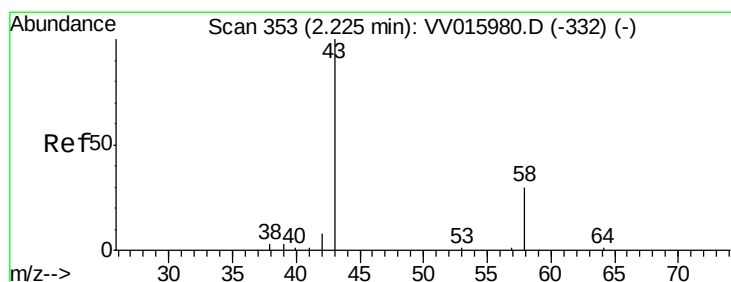
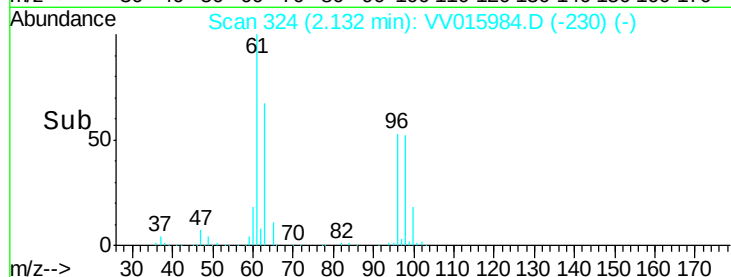
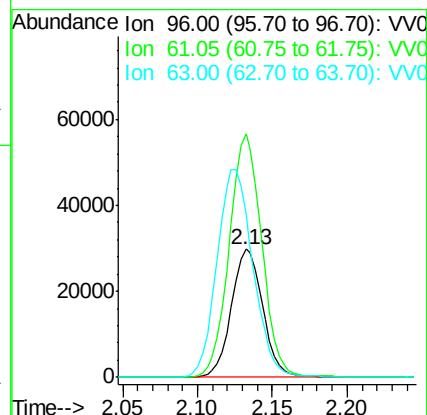
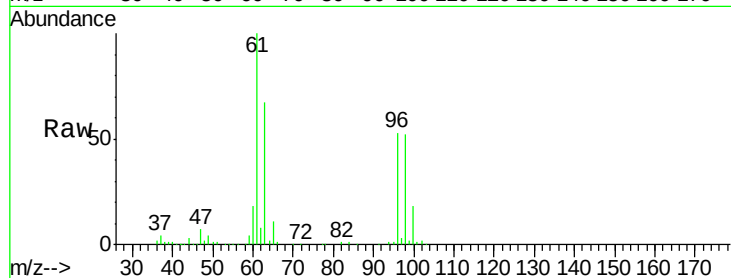
Tot Ion: 96 Resp: 43677

Ion Ratio Lower Upper

96 100

61 190.5 139.9 259.7

63 127.5 106.4 197.6



#13

Acetone

Concen: 2.792 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.02 min

Lab File: VV015984.D

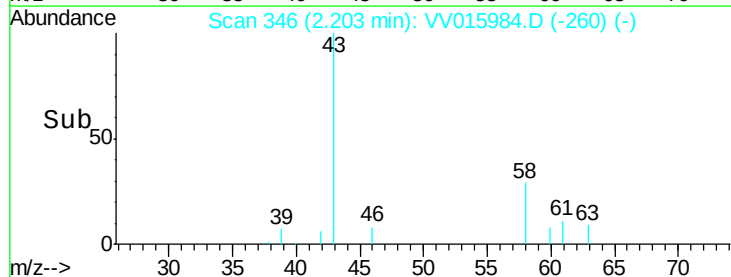
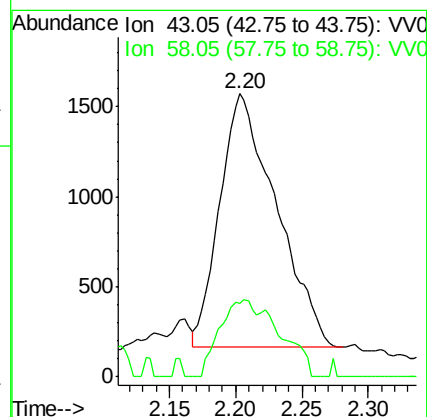
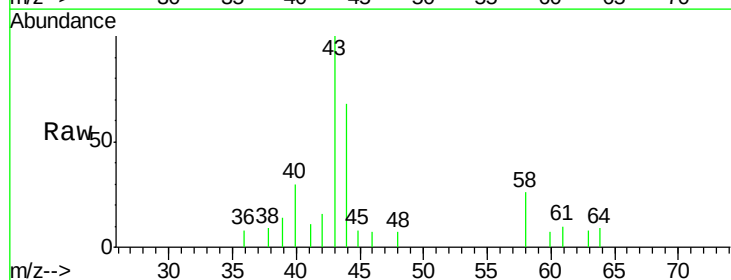
Acq: 11 May 2020 13:05

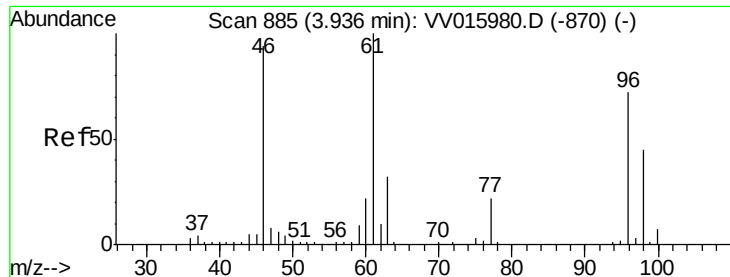
Tgt Ion: 43 Resp: 4169

Ion Ratio Lower Upper

43 100

58 19.0 0.0 30.8



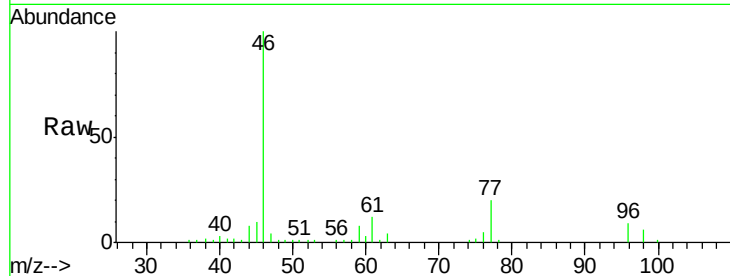


#22

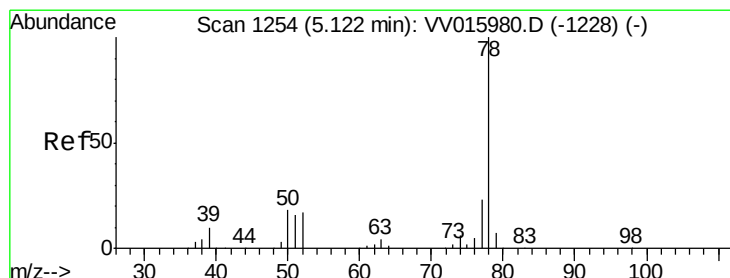
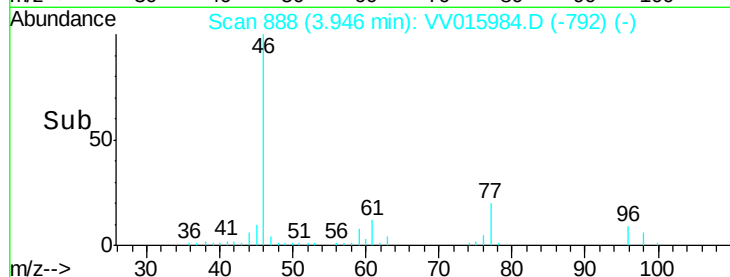
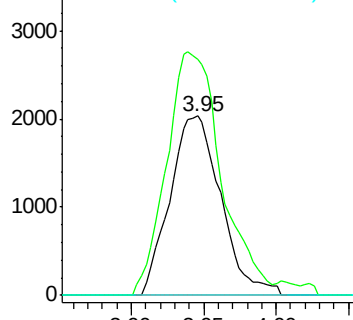
cis-1,2-Dichloroethene
Concen: 0.534 ug/L
RT: 3.95 min Scan# 888
Delta R.T. 0.01 min
Lab File: VV015984.D
Acq: 11 May 2020 13:05

Instrument :
MSVOA_V
ClientSampleId :
H41Z7MSD

Tot Ion: 96 Resp: 4970
Ion Ratio Lower Upper
96 100
61 131.4 97.2 180.6
68 0.0 0.0 0.0



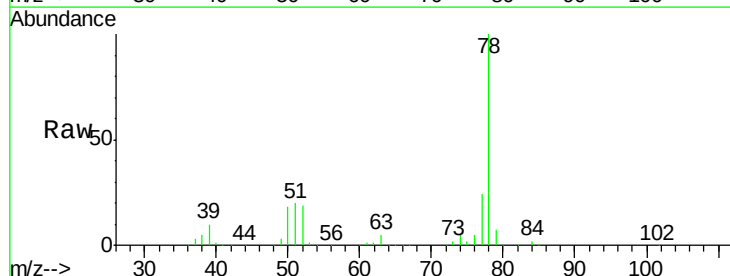
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



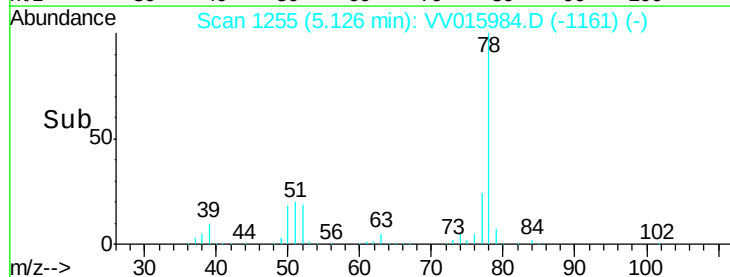
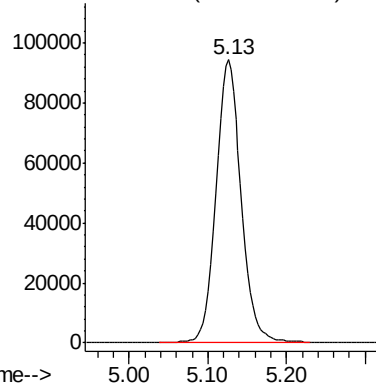
#33

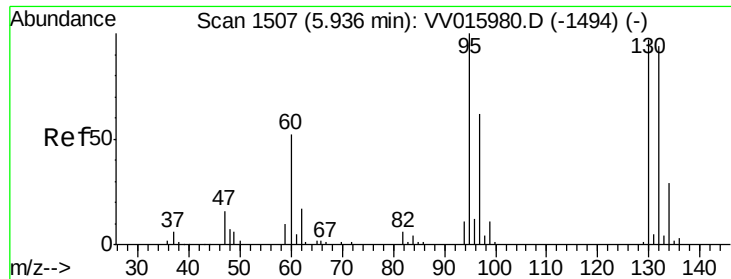
Benzene
Concen: 5.954 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015984.D
Acq: 11 May 2020 13:05

Tgt Ion: 78 Resp: 213232



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 6.686 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV015984.D

Acq: 11 May 2020 13:05

Instrument :

MSVOA_V

ClientSampleId :

H41Z7MSD

Tot Ion: 95 Resp: 68341

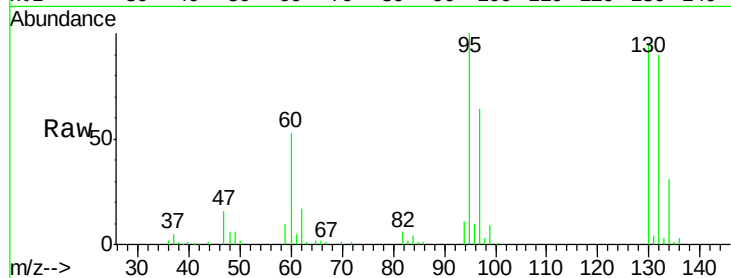
Ion Ratio Lower Upper

95 100

97 64.0 43.3 80.5

132 89.6 60.3 112.1

130 95.4 66.0 122.6

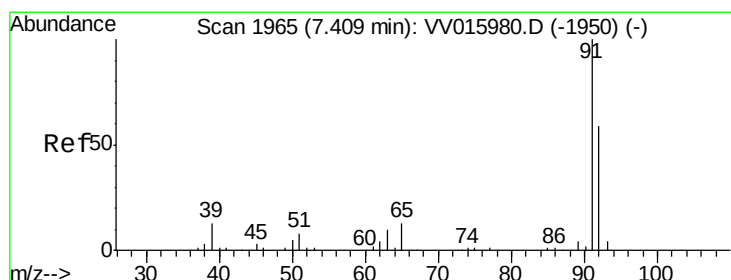
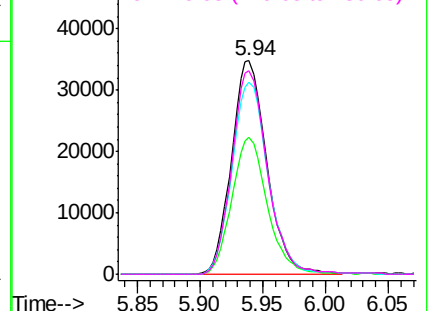
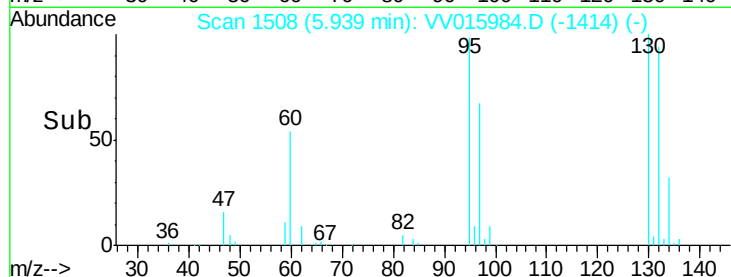


Abundance Ion 95.00 (94.70 to 95.70): VV015984.D (-1494) (-)

Ion 96.95 (96.65 to 97.65): VV015984.D (-1494) (-)

Ion 131.95 (131.65 to 132.65): VV015984.D (-1494) (-)

Ion 129.95 (129.65 to 130.65): VV015984.D (-1494) (-)



#42

Toluene

Concen: 5.953 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV015984.D

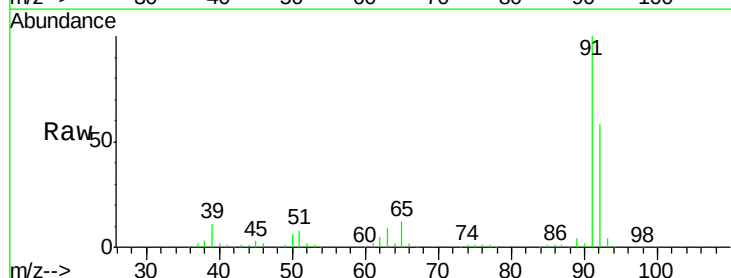
Acq: 11 May 2020 13:05

Tgt Ion: 91 Resp: 225965

Ion Ratio Lower Upper

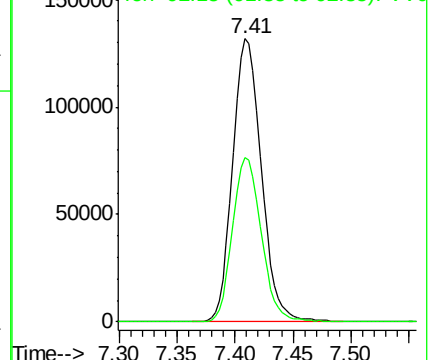
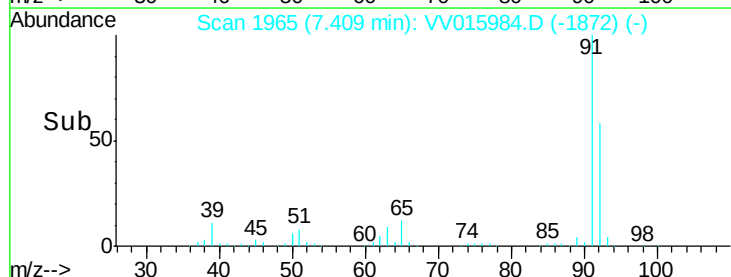
91 100

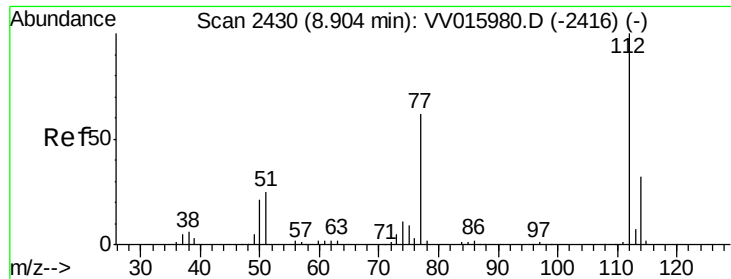
92 58.2 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV015984.D (-1872) (-)

Ion 92.15 (91.85 to 92.85): VV015984.D (-1872) (-)





#53

Chlorobenzene

Concen: 5.987 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV015984.D

Acq: 11 May 2020 13:05

Instrument :

MSVOA_V

ClientSampleId :

H41Z7MSD

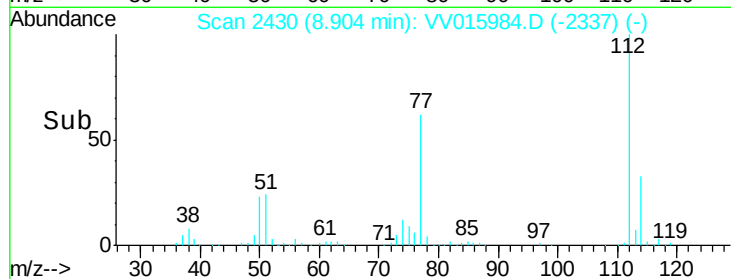
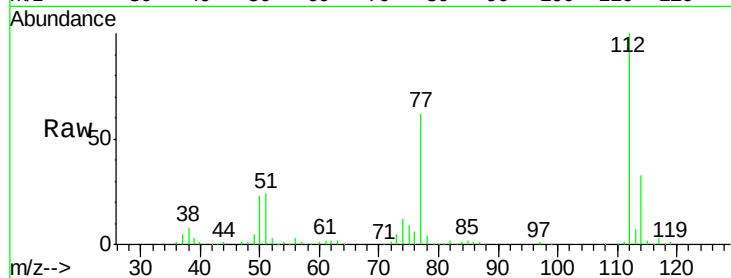
Tot Ion:112 Resp: 146154

Ion Ratio Lower Upper

112 100

114 32.6 21.6 40.0

77 62.3 48.6 73.0



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

