

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015983.D
 Acq On : 11 May 2020 12:42
 Operator : SY/MD
 Sample : L2520-22MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Z7MS

Quant Time: May 12 01:32:58 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	141800	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138305	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	59907	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31817	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.58	69	32741	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.13	63	78671	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	3.93	46	107079	48.80	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.60%
24) Chloroform-d	4.38	84	82335	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.06	65	46392	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.08	84	158032	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.10	67	51001	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.34	98	140521	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	14148	3.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.80%
48) 2-Hexanone-d5	8.11	63	74786	43.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35088	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	52217	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

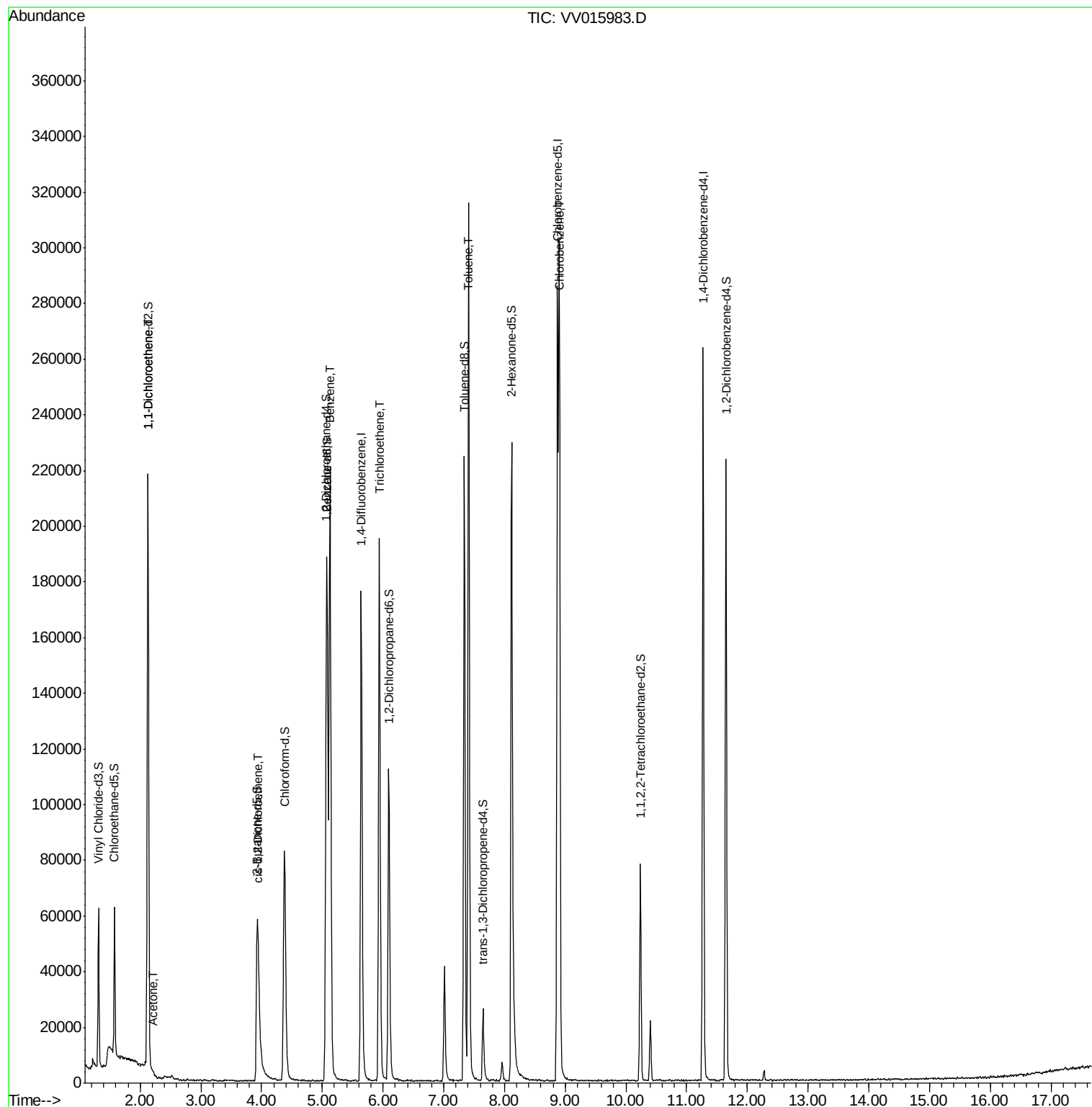
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	43421	5.564	ug/L	88
13) Acetone	2.22	43	4283	2.959	ug/L	67
22) cis-1,2-Dichloroethene	3.95	96	4934	0.547	ug/L	92
33) Benzene	5.13	78	211246	6.071	ug/L	100
34) Trichloroethene	5.94	95	67775	6.824	ug/L	98
42) Toluene	7.41	91	221276	5.999	ug/L	100
53) Chlorobenzene	8.90	112	145370	6.128	ug/L	99

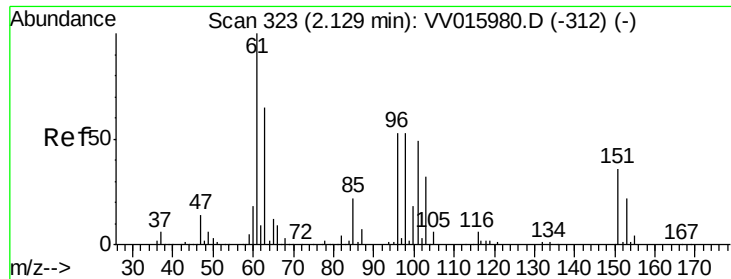
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 12 01:07:44 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.564 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015983.D

Acq: 11 May 2020 12:42

Instrument :

MSVOA_V

ClientSampleId :

H41Z7MS

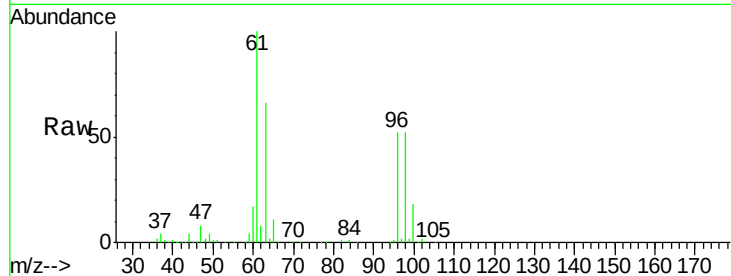
Tot Ion: 96 Resp: 43421

Ion Ratio Lower Upper

96 100

61 190.7 139.9 259.7

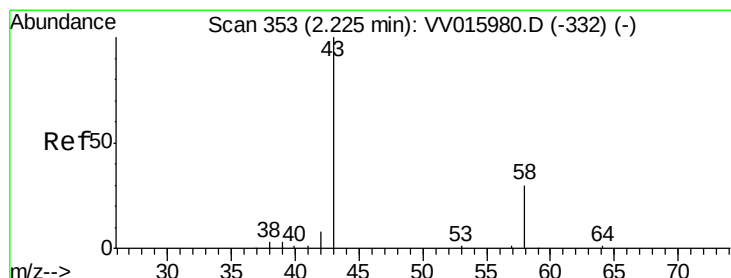
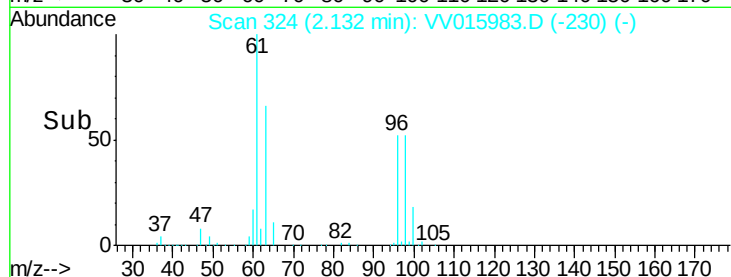
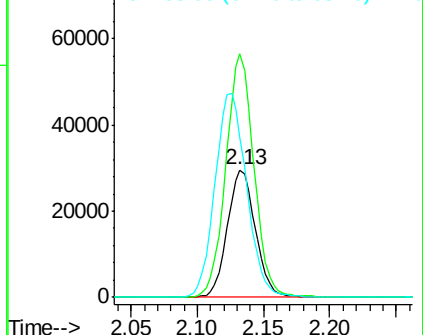
63 126.1 106.4 197.6



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 2.959 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV015983.D

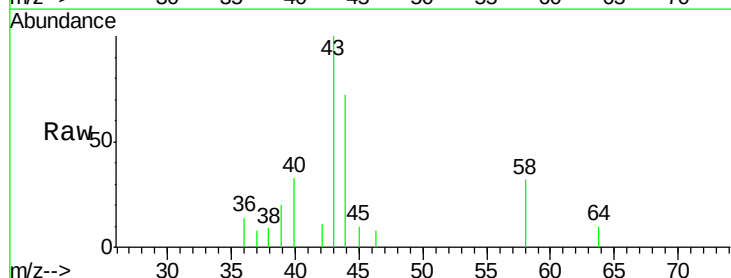
Acq: 11 May 2020 12:42

Tgt Ion: 43 Resp: 4283

Ion Ratio Lower Upper

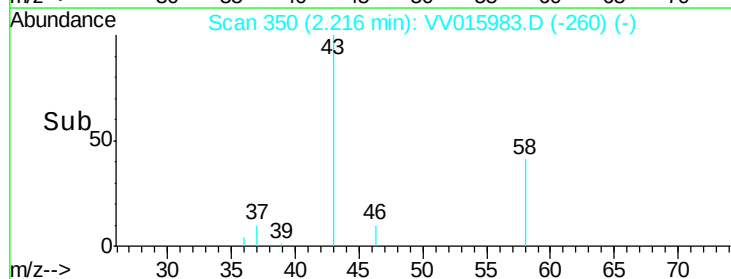
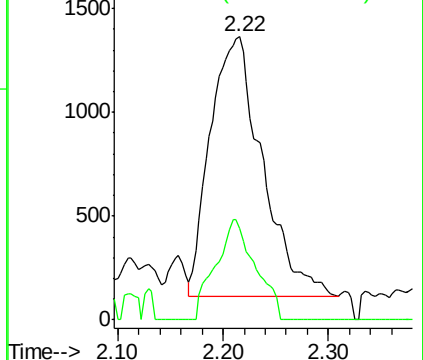
43 100

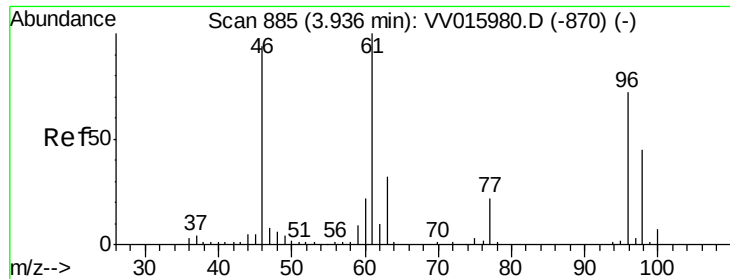
58 29.4 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



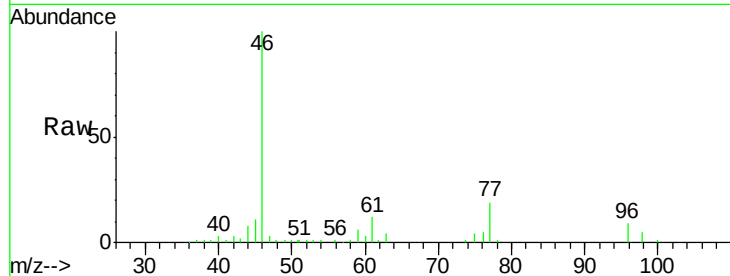


#22

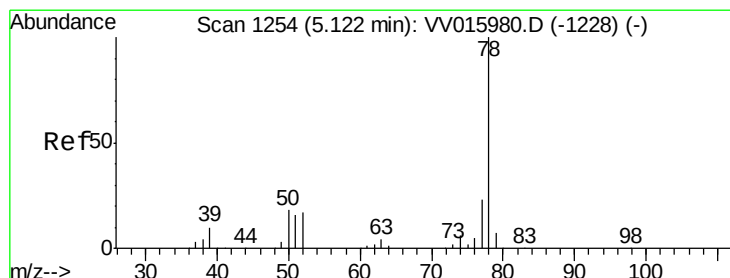
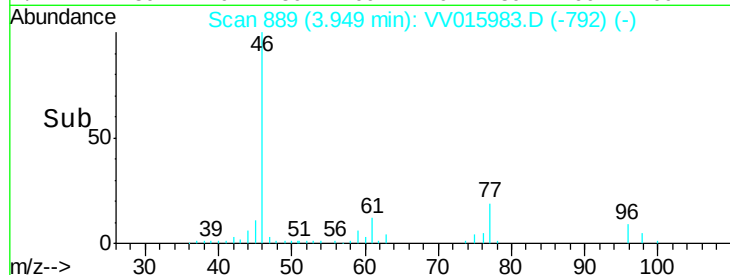
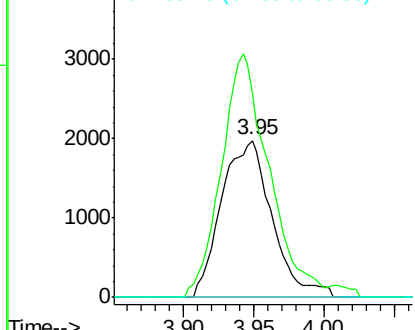
cis-1,2-Dichloroethene
Concen: 0.547 ug/L
RT: 3.95 min Scan# 889
Delta R.T. 0.01 min
Lab File: VV015983.D
Acq: 11 May 2020 12:42

Instrument :
MSVOA_V
ClientSampleId :
H41Z7MS

Tot Ion: 96 Resp: 4934
Ion Ratio Lower Upper
96 100
61 129.6 97.2 180.6
68 0.0 0.0 0.0



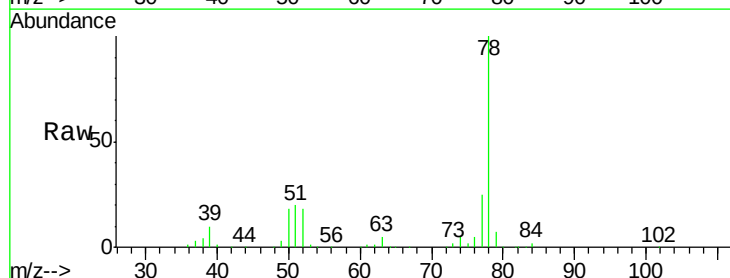
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



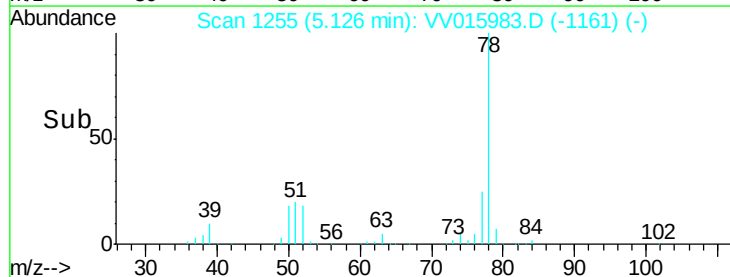
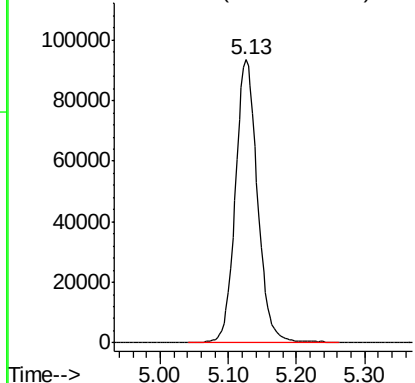
#33

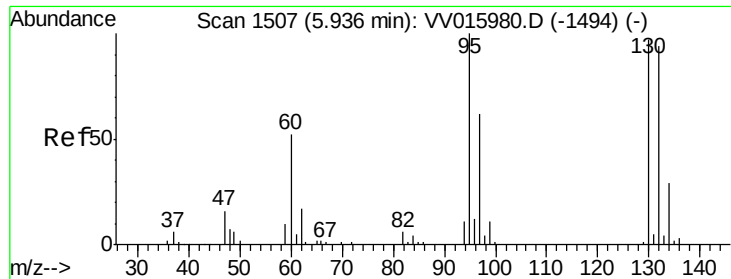
Benzene
Concen: 6.071 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015983.D
Acq: 11 May 2020 12:42

Tgt Ion: 78 Resp: 211246



Abundance Ion 78.10 (77.80 to 78.80): VV0

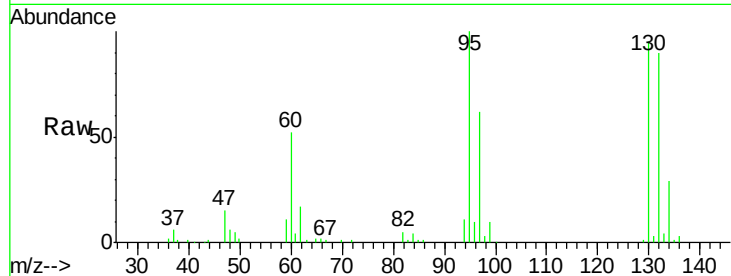




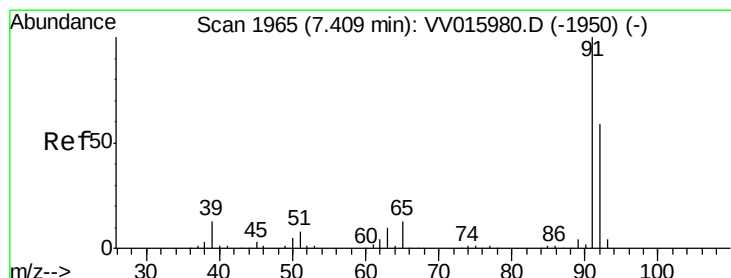
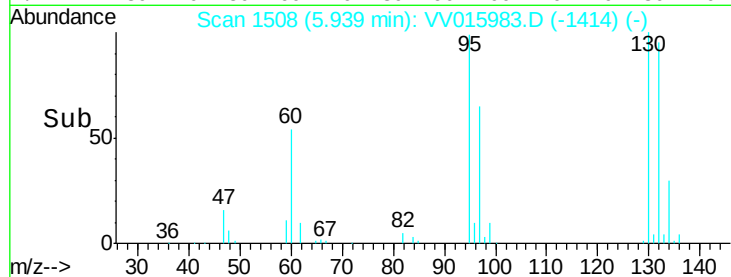
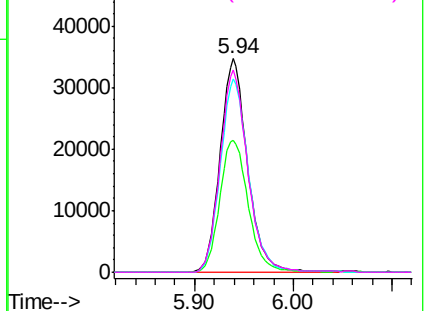
#34
 Trichloroethene
 Concen: 6.824 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015983.D
 Acq: 11 May 2020 12:42

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 MSVOA_V
 ClientSampleId :
 H41Z7MS

Tot Ion: 95 Resp: 67775
 Ion Ratio Lower Upper
 95 100
 97 61.8 43.3 80.5
 132 90.2 60.3 112.1
 130 94.8 66.0 122.6

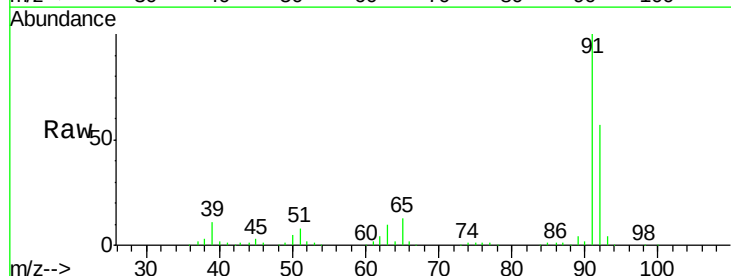


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

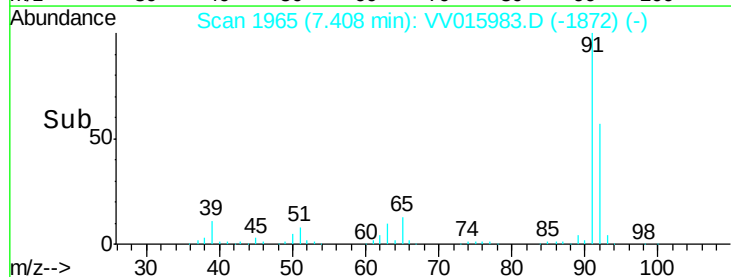
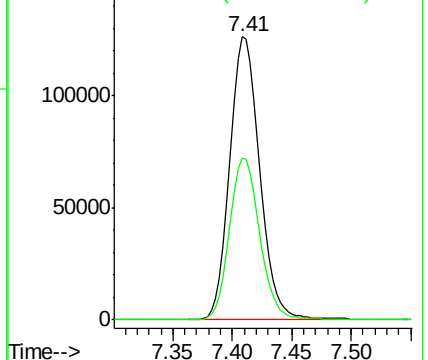


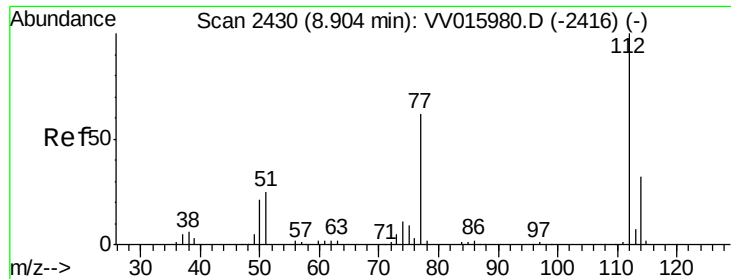
#42
 Toluene
 Concen: 5.999 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VV015983.D
 Acq: 11 May 2020 12:42

Tgt Ion: 91 Resp: 221276
 Ion Ratio Lower Upper
 91 100
 92 57.0 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV0
 Ion 92.15 (91.85 to 92.85): VV0

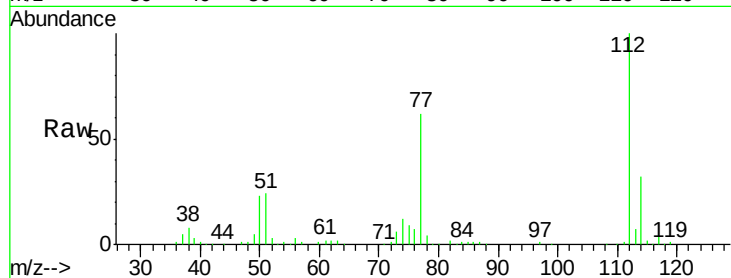




#53
 Chlorobenzene
 Concen: 6.128 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VV015983.D
 Acq: 11 May 2020 12:42

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Z7MS

Tot Ion:	112	Resp:	145370
Ion	Ratio	Lower	Upper
112	100		
114	31.9	21.6	40.0
77	61.6	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): V

