

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017323.D
 Acq On : 02 Jul 2020 22:13
 Operator : SY/MD
 Sample : L3154-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4295

Quant Time: Jul 03 07:08:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	166467	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	159707	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	81899	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41421	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	33290	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.13	63	65719	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.93	46	99460	39.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.12%
24) Chloroform-d	4.38	84	93021	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.06	65	52692	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.08	84	172242	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.10	67	48437	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.00%
41) Toluene-d8	7.34	98	162193	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
45) trans-1,3-Dichloropropene-	7.65	79	18844	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
48) 2-Hexanone-d5	8.11	63	72235	36.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34858	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	64067	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

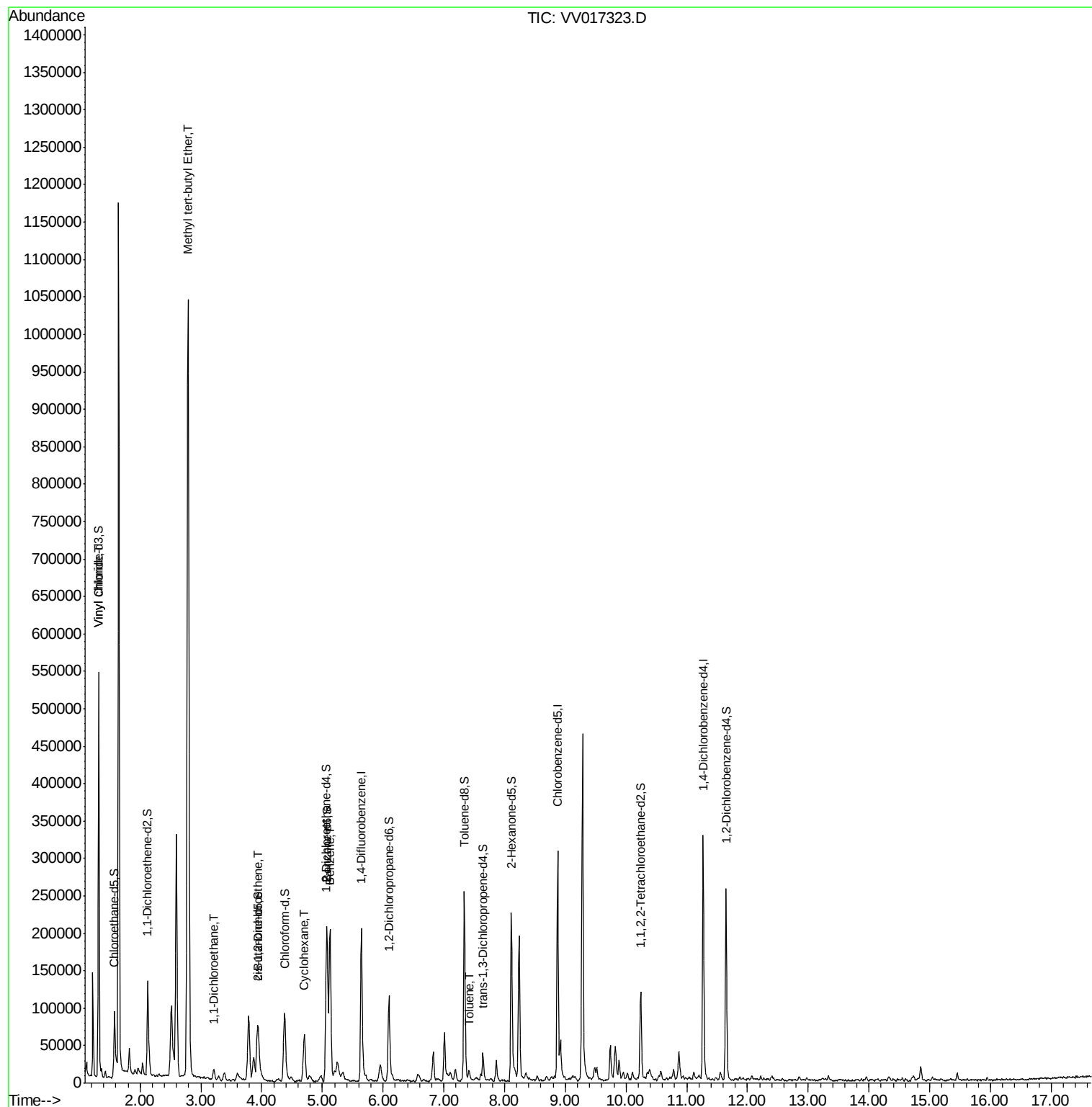
					Ovalue
5) Vinyl chloride	1.32	62	123847	11.338	ug/L 100
17) Methyl tert-butyl Ether	2.79	73	1001322	49.915	ug/L 96
19) 1,1-Dichloroethane	3.21	63	13590	0.714	ug/L 95
22) cis-1,2-Dichloroethene	3.94	96	15547	1.343	ug/L 99
30) Cyclohexane	4.70	56	30796	1.691	ug/L 96
33) Benzene	5.13	78	190325	4.550	ug/L 100
42) Toluene	7.41	91	9209	0.189	ug/L 99

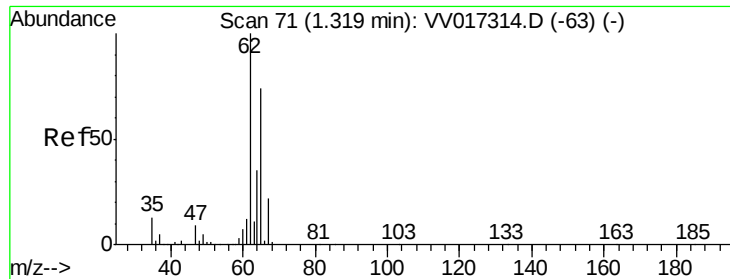
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.338 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017323.D

Acq: 02 Jul 2020 22:13

Instrument :

MSVOA_V

ClientSampled :

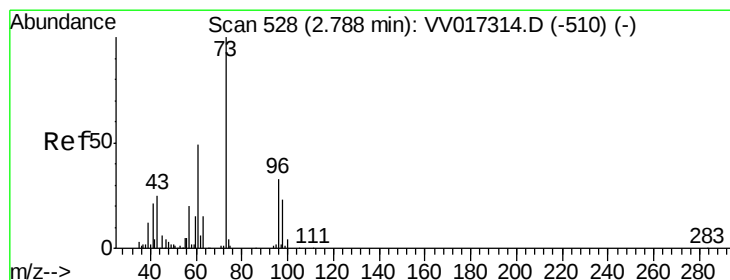
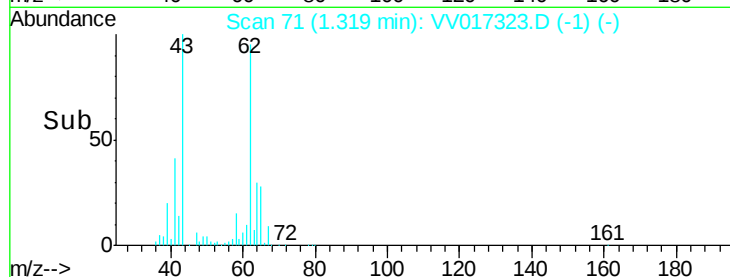
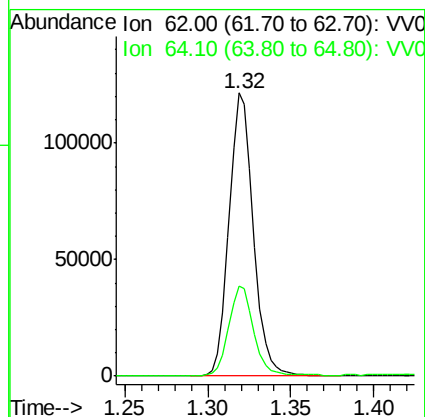
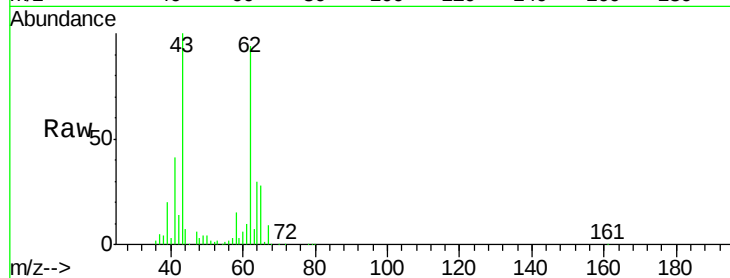
H4295

Tot Ion: 62 Resp: 123847

Ion Ratio Lower Upper

62 100

64 31.8 22.5 41.7



#17

Methyl tert-butyl Ether

Concen: 49.915 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV017323.D

Acq: 02 Jul 2020 22:13

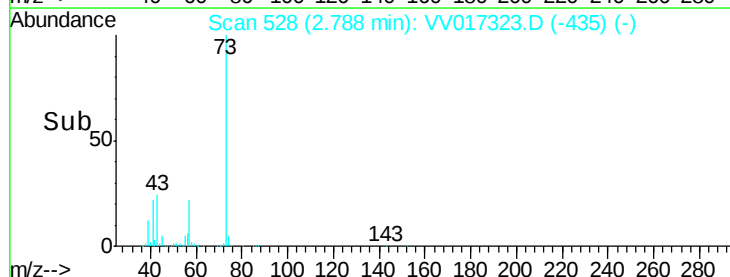
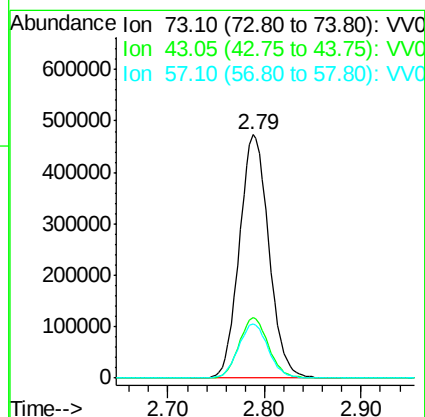
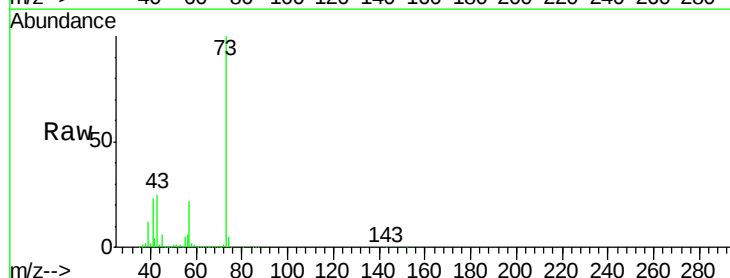
Tgt Ion: 73 Resp: 1001322

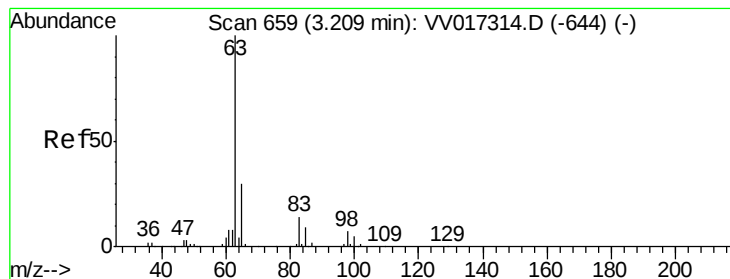
Ion Ratio Lower Upper

73 100

43 24.7 18.6 28.0

57 22.5 16.4 24.6





#19

1,1-Dichloroethane

Concen: 0.714 ug/L

RT: 3.21 min Scan# 660

Delta R.T. 0.00 min

Lab File: VV017323.D

Acq: 02 Jul 2020 22:13

Instrument :

MSVOA_V

ClientSampleId :

H4295

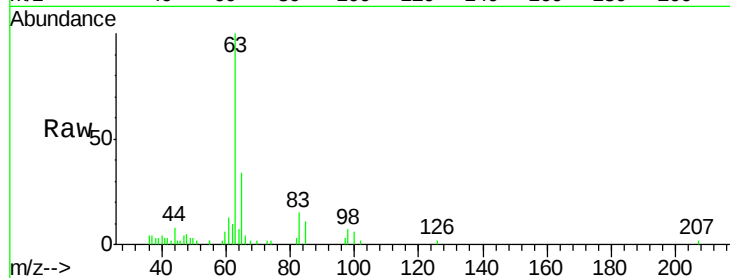
Tot Ion: 63 Resp: 13590

Ion Ratio Lower Upper

63 100

65 34.3 21.8 40.4

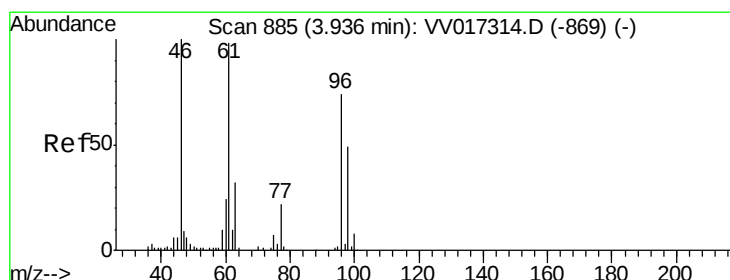
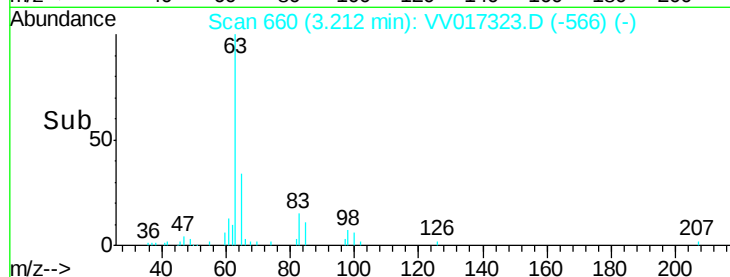
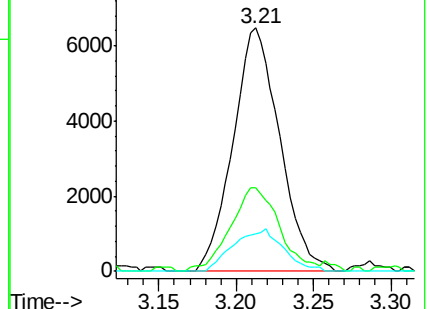
83 15.4 9.7 17.9



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 1.343 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017323.D

Acq: 02 Jul 2020 22:13

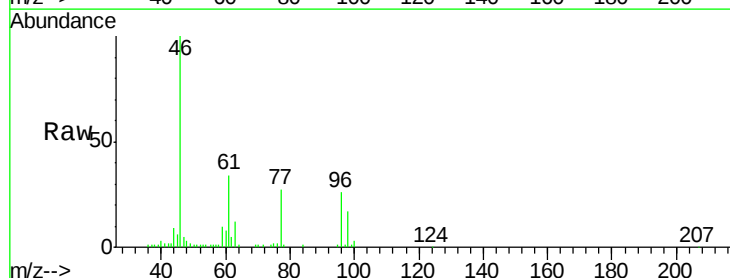
Tgt Ion: 96 Resp: 15547

Ion Ratio Lower Upper

96 100

61 131.3 91.0 169.0

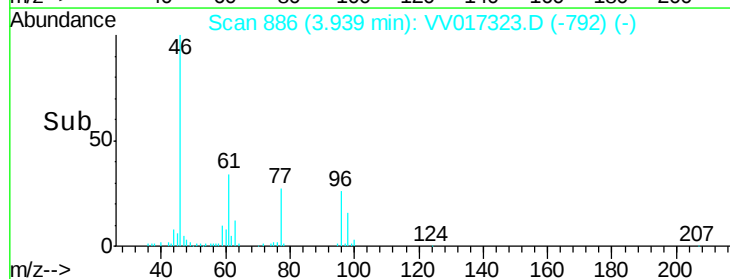
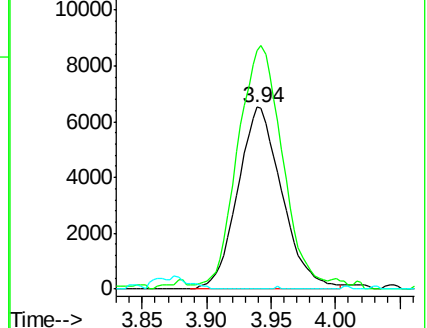
68 0.0 0.0 0.0

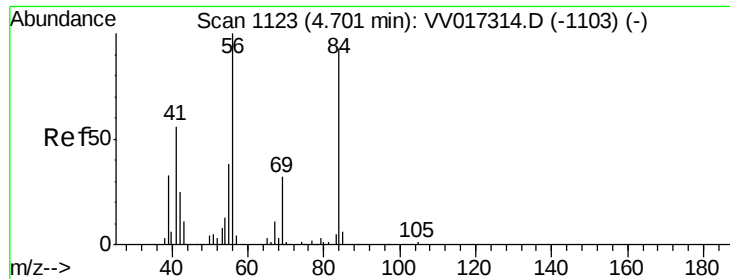


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

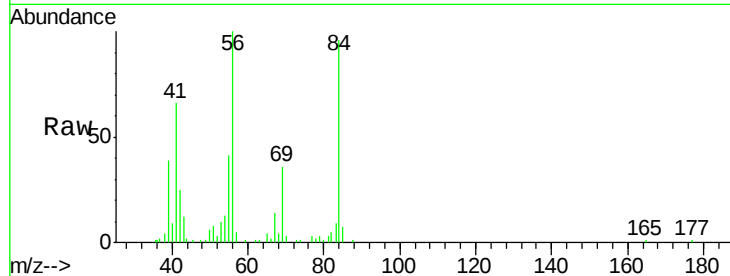




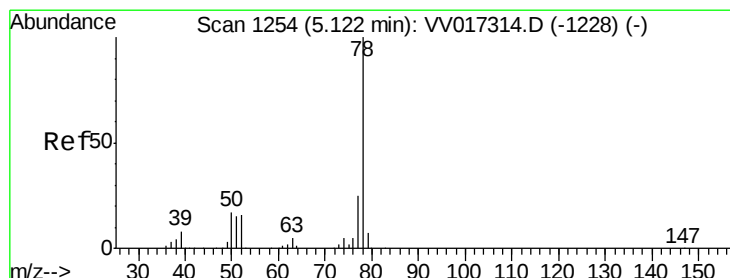
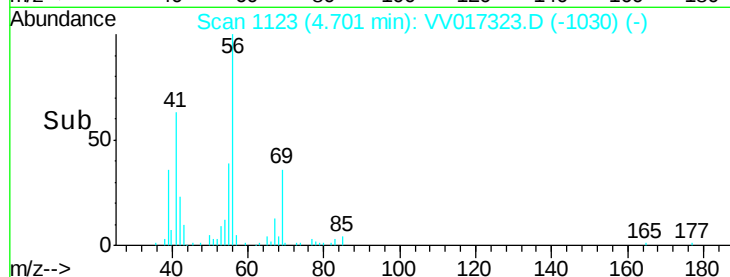
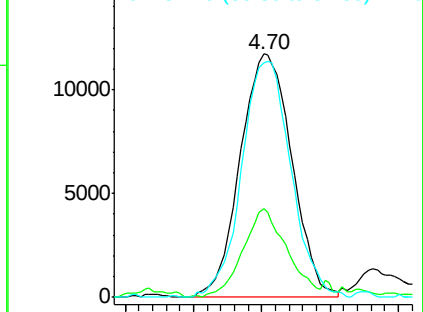
#30
Cyclohexane
Concen: 1.691 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Instrument :
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Tot Ion: 56 Resp: 30796
Ion Ratio Lower Upper
56 100
69 31.1 24.4 36.6
84 92.5 69.9 104.9

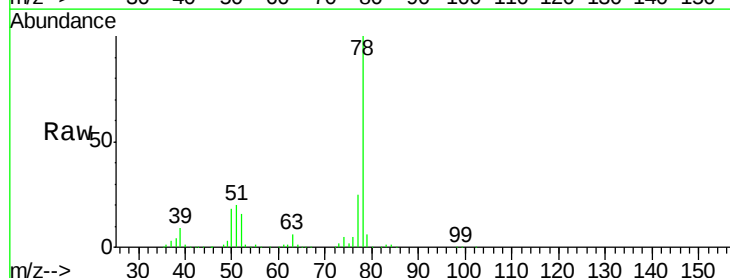


Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0

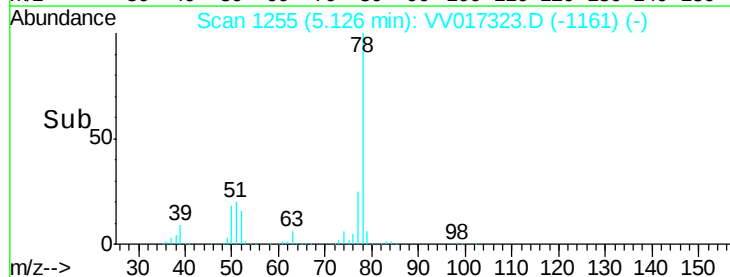
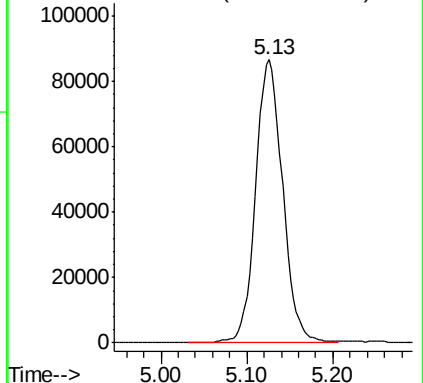


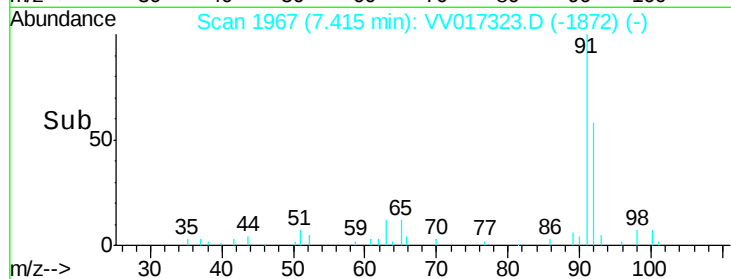
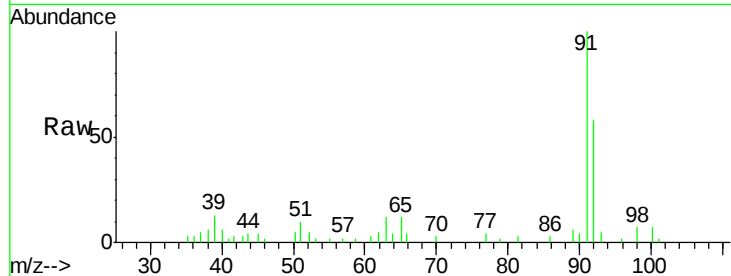
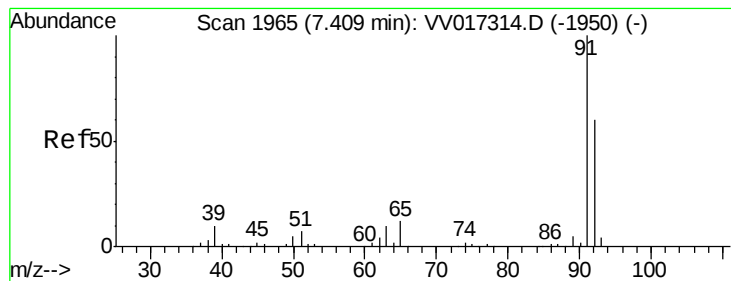
#33
Benzene
Concen: 4.550 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV017323.D
Acq: 02 Jul 2020 22:13

Tgt Ion: 78 Resp: 190325



Abundance Ion 78.10 (77.80 to 78.80): VV0





#42

Toluene

Concen: 0.189 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017323.D

Acq: 02 Jul 2020 22:13

Instrument :

MSVOA_V

ClientSampleId :

H4295

Tot Ion: 91 Resp: 9209

Ion Ratio Lower Upper

91 100

92 57.8 39.9 74.1

