

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017321.D
 Acq On : 02 Jul 2020 21:25
 Operator : SY/MD
 Sample : L3154-08DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4295DL

Quant Time: Jul 20 03:51:27 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	169786	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160768	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80249	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42190	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.58	69	33019	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.13	63	66651	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	3.92	46	99624	38.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.72%
24) Chloroform-d	4.38	84	92530	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.06	65	51649	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.08	84	169503	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.40%
36) 1,2-Dichloropropane-d6	6.10	67	48832	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.20%
41) Toluene-d8	7.34	98	153438	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
45) trans-1,3-Dichloropropene-	7.65	79	19848	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
48) 2-Hexanone-d5	8.11	63	64436	32.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.04%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33630	4.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	64321	4.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.80%

Target Compounds

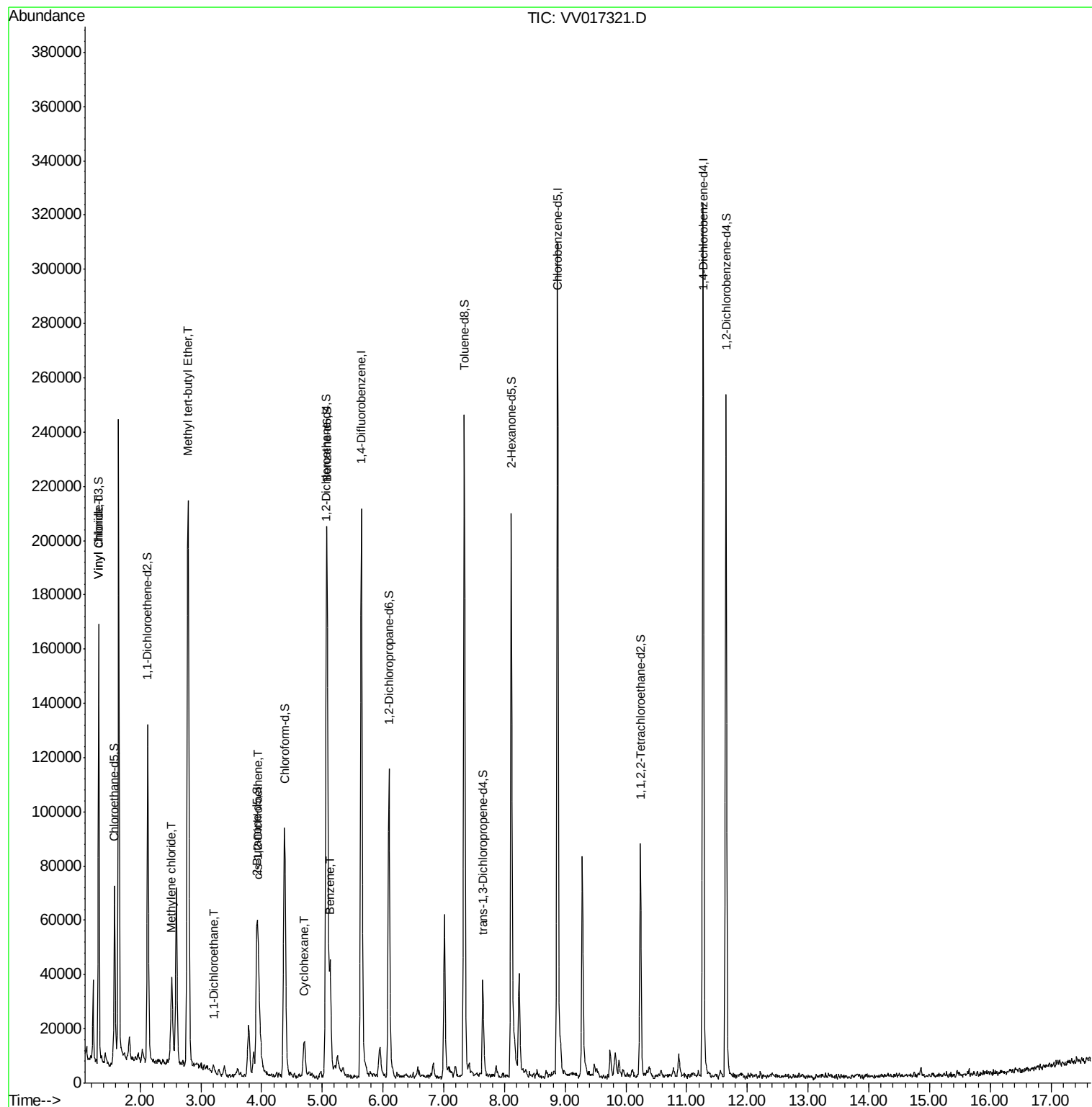
					Ovalue
5) Vinyl chloride	1.32	62	26245	2.356 ug/L	93
16) Methylene chloride	2.53	84	6208	0.711 ug/L	91
17) Methyl tert-butyl Ether	2.79	73	202386	9.892 ug/L	96
19) 1,1-Dichloroethane	3.21	63	3359	0.173 ug/L #	89
22) cis-1,2-Dichloroethene	3.95	96	3595	0.304 ug/L	90
30) Cyclohexane	4.71	56	6940	0.379 ug/L #	93
33) Benzene	5.13	78	39630	0.941 ug/L	100

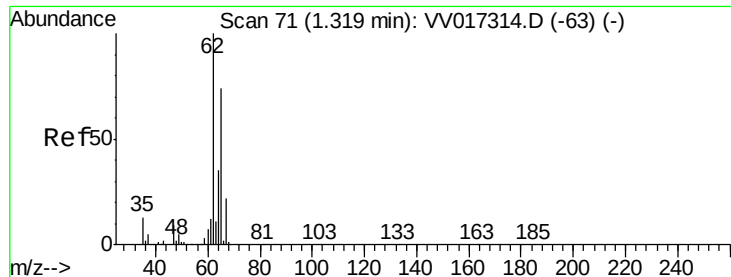
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.356 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

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Acq: 02 Jul 2020 21:25

Instrument :

MSVOA_V

ClientSampleID :

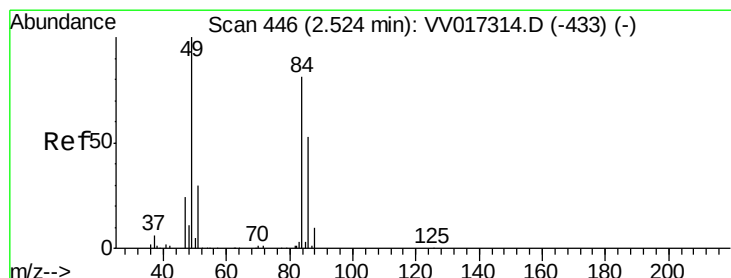
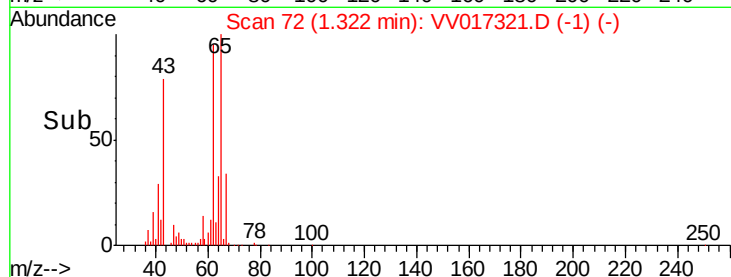
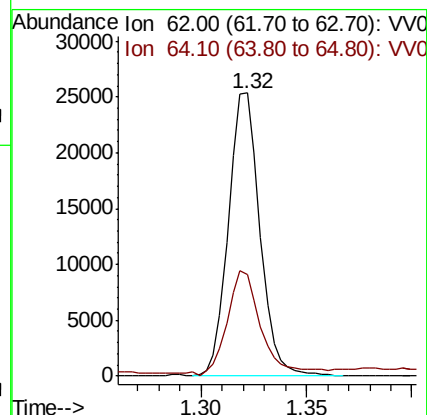
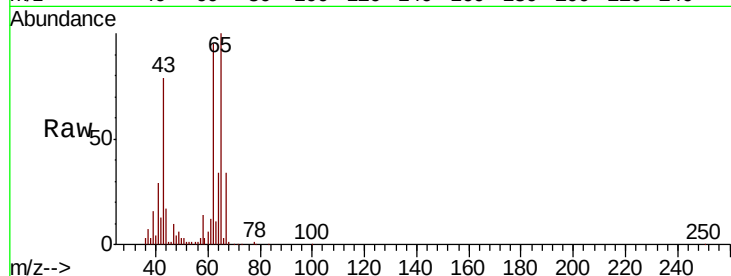
H4295DL

Tot Ion: 62 Resp: 26245

Ion Ratio Lower Upper

62 100

64 35.7 22.5 41.7



#16

Methylene chloride

Concen: 0.711 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV017321.D

Acq: 02 Jul 2020 21:25

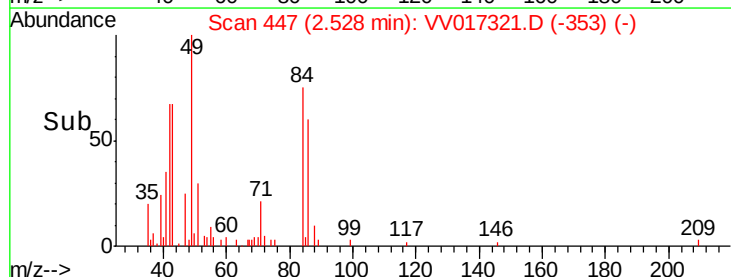
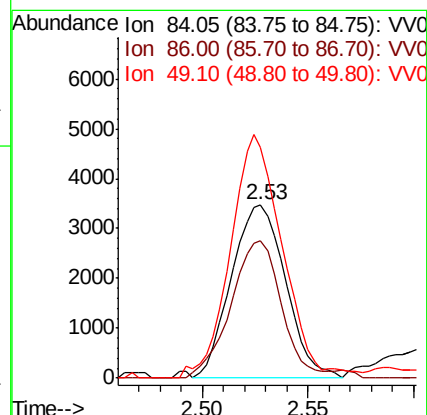
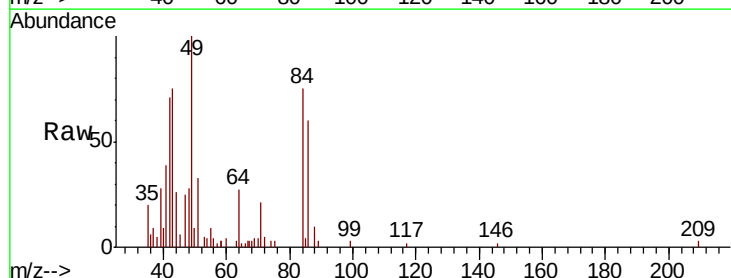
Tgt Ion: 84 Resp: 6208

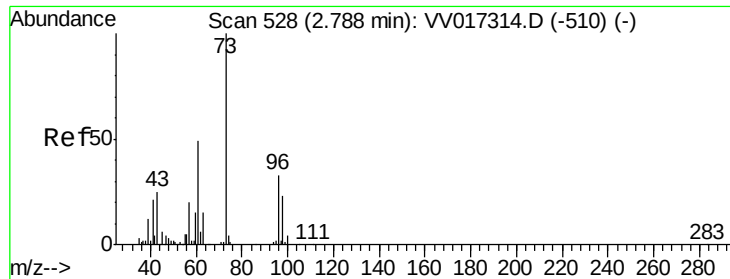
Ion Ratio Lower Upper

84 100

86 79.2 45.8 85.0

49 133.0 89.6 166.4

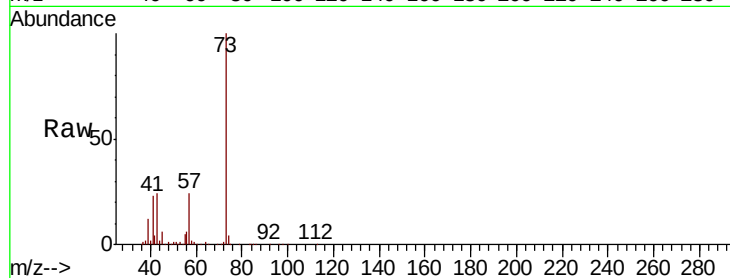




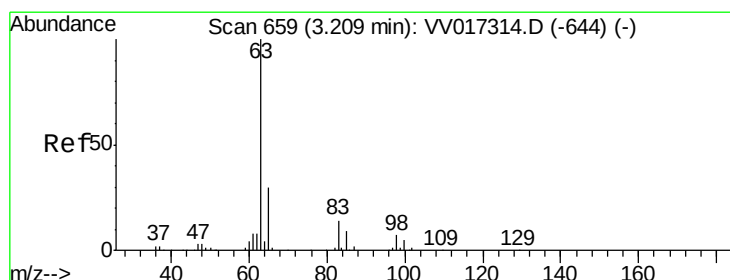
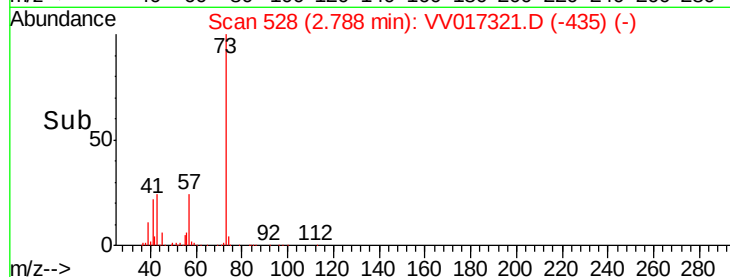
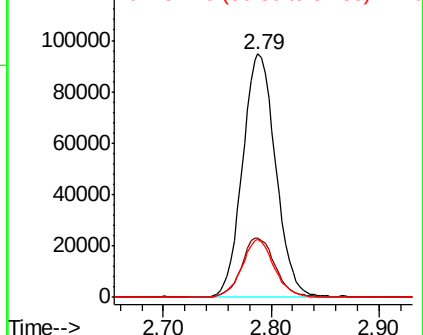
#17
Methyl tert-butyl Ether
Concen: 9.892 ug/L
RT: 2.79 min Scan# 528
Delta R.T. -0.00 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Instrument :
MSVOA_V
ClientSampleID :
H4295DL

Tot Ion:	73	Resp:	202386
Ion	Ratio	Lower	Upper
73	100		
43	24.8	18.6	28.0
57	23.2	16.4	24.6

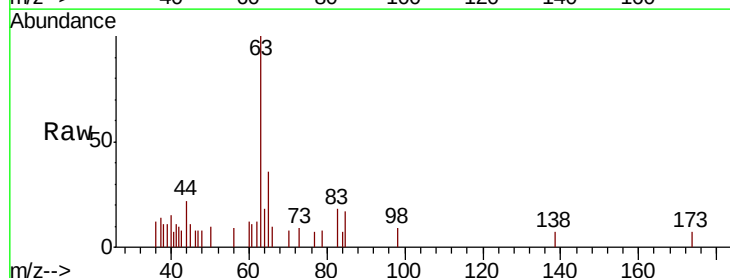


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

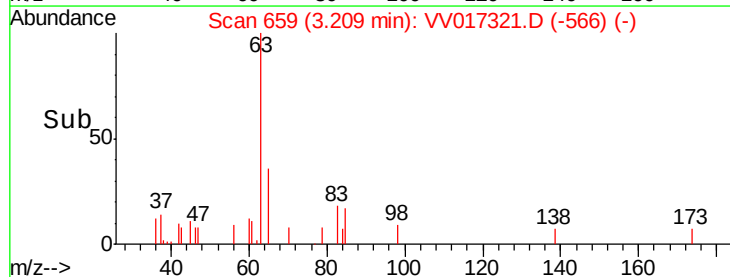
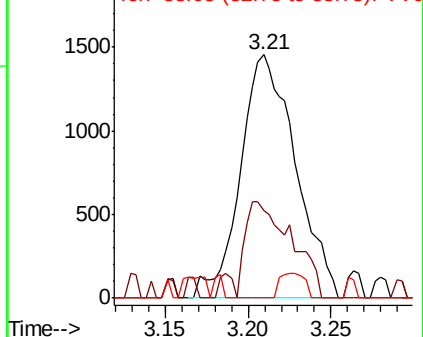


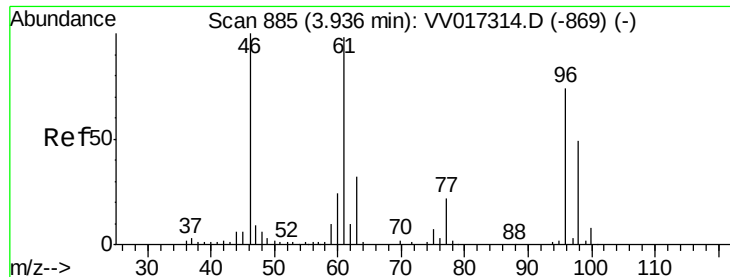
#19
1,1-Dichloroethane
Concen: 0.173 ug/L
RT: 3.21 min Scan# 659
Delta R.T. -0.00 min
Lab File: VV017321.D
Acq: 02 Jul 2020 21:25

Tgt Ion:	63	Resp:	3359
Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.8	40.4
83	0.0	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: 0.304 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV017321.D

Acq: 02 Jul 2020 21:25

Instrument :

MSVOA_V

ClientSampleId :

H4295DL

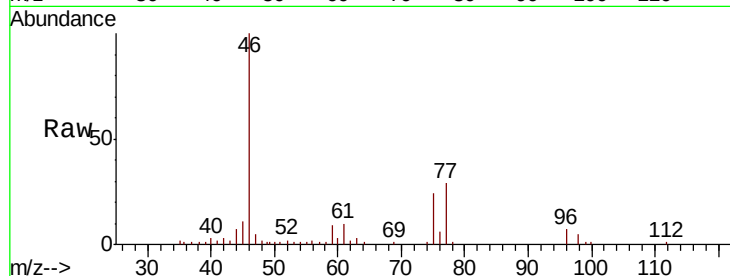
Tot Ion: 96 Resp: 3595

Ion Ratio Lower Upper

96 100

61 141.4 91.0 169.0

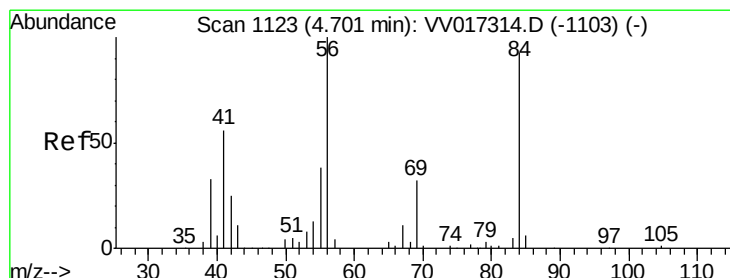
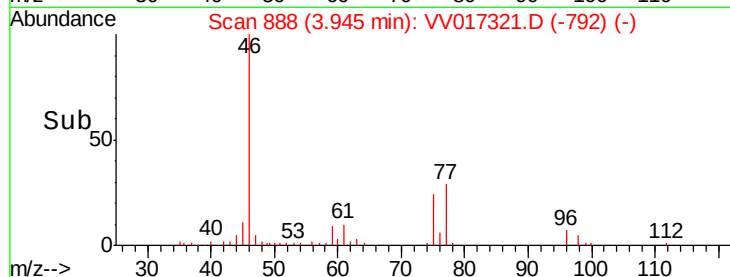
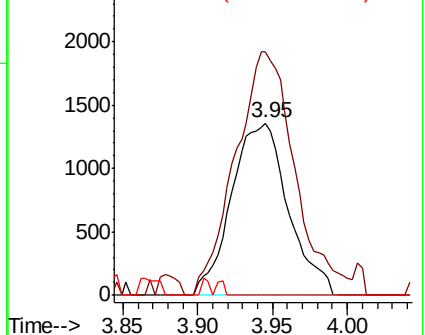
68 0.0 0.0 0.0



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: 0.379 ug/L

RT: 4.71 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VV017321.D

Acq: 02 Jul 2020 21:25

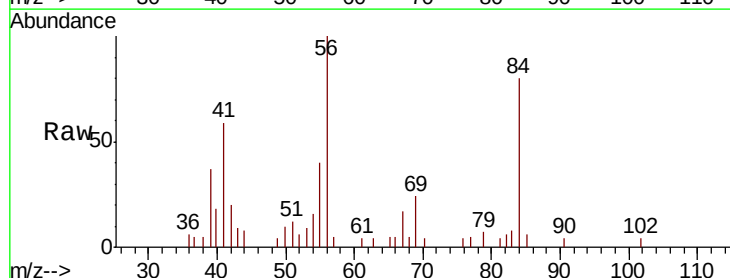
Tgt Ion: 56 Resp: 6940

Ion Ratio Lower Upper

56 100

69 18.1 24.4 36.6#

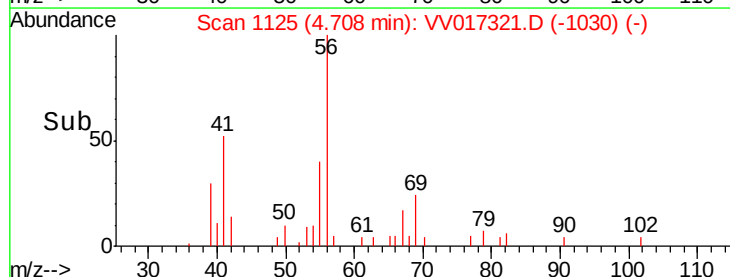
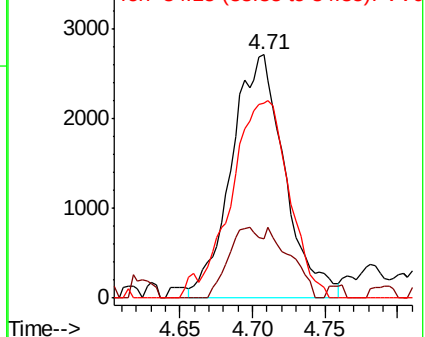
84 85.8 69.9 104.9

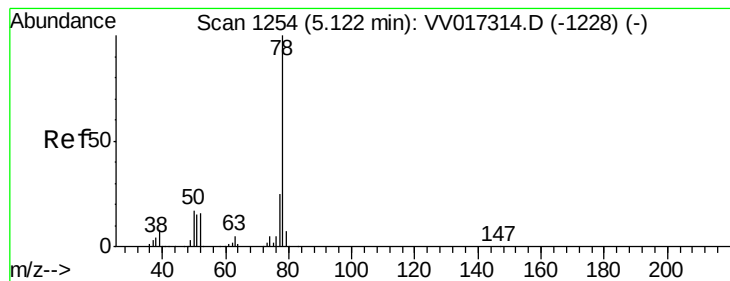


Abundance Ion 56.10 (55.80 to 56.80): VV0

Ion 69.15 (68.85 to 69.85): VV0

Ion 84.15 (83.85 to 84.85): VV0





#33

Benzene

Concen: 0.941 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV017321.D

Acq: 02 Jul 2020 21:25

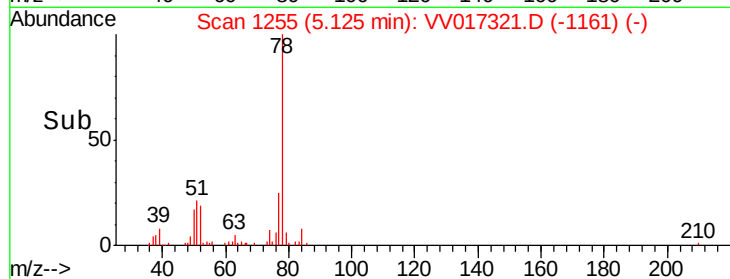
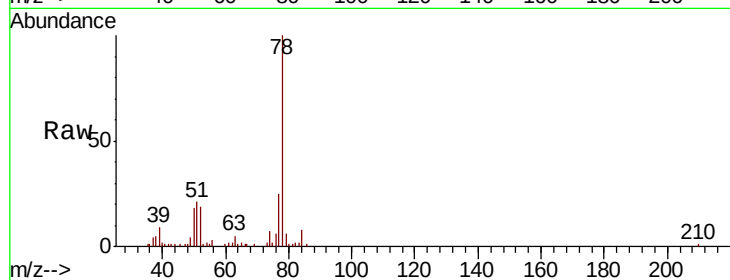
Instrument :

MSVOA_V

ClientSampleId :

H4295DL

Tgt Ion: 78 Resp: 39630



Abundance Ion 78.10 (77.80 to 78.80): VV0

