

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016632.D
 Acq On : 07 Jun 2020 10:08
 Operator : SY/MD
 Sample : L2862-06DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9D89DL

Quant Time: Jun 08 05:45:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	351506	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	327365	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148983	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	106435	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.50%
7) Chloroethane-d5	1.56	69	73675	40.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.98%
11) 1,1-Dichloroethene-d2	2.12	63	143301	32.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.94%
21) 2-Butanone-d5	3.90	46	171747	107.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.89%
24) Chloroform-d	4.37	84	228710	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
26) 1,2-Dichloroethane-d4	5.06	65	162322	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.76%
32) Benzene-d6	5.07	84	454097	51.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.56%
36) 1,2-Dichloropropane-d6	6.09	67	145078	53.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.20%
41) Toluene-d8	7.34	98	404652	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%
43) trans-1,3-Dichloropropene-	7.64	79	61964	46.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.06%
47) 2-Hexanone-d5	8.11	63	121600	103.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.91%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181016	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.65	152	158926	56.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.52%

Target Compounds

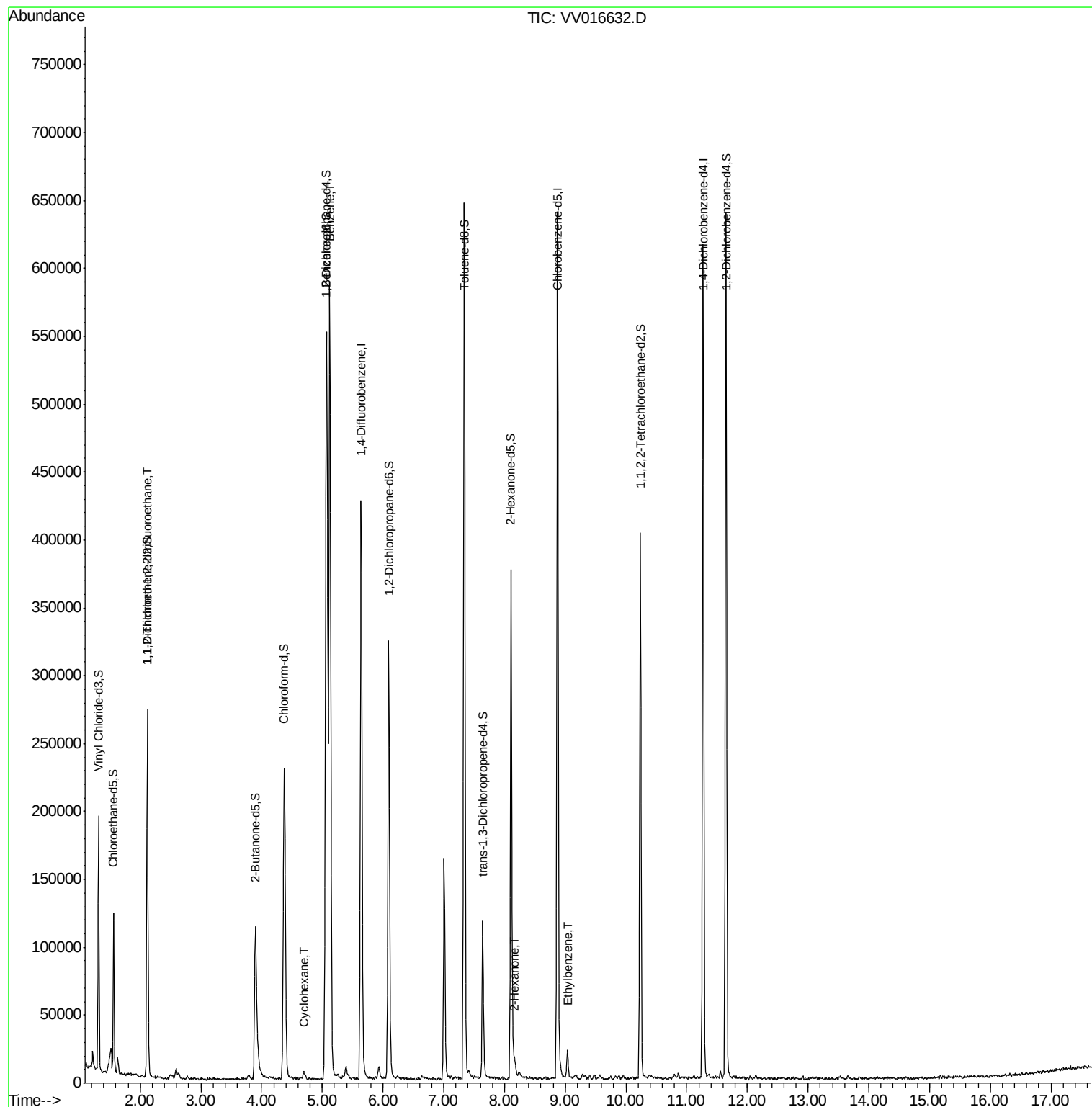
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1326	0.654	ug/L #	24
29) Cyclohexane	4.70	56	2333	0.600	ug/L #	83
33) Benzene	5.12	78	566305	58.820	ug/L	100
48) 2-Hexanone	8.17	43	6587	2.454	ug/L #	86
52) Ethylbenzene	9.04	91	14466	1.303	ug/L	99

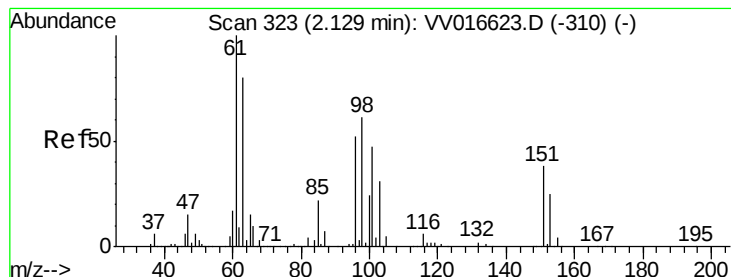
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 08 05:42:16 2020
Response via : Initial Calibration





#10

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

Concen: 0.654 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

F9D89DL

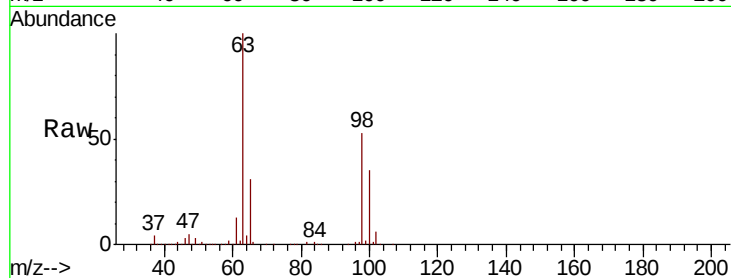
Tot Ion:101 Resp: 1326

Ion Ratio Lower Upper

101 100

85 5.3 35.6 53.4#

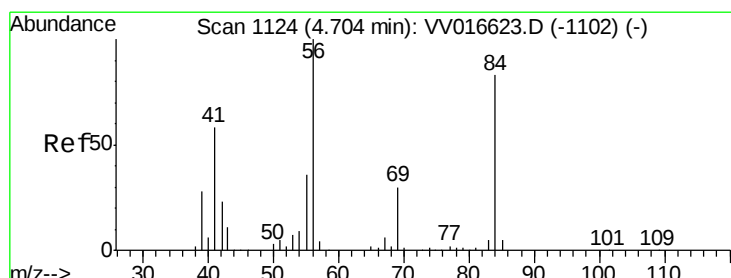
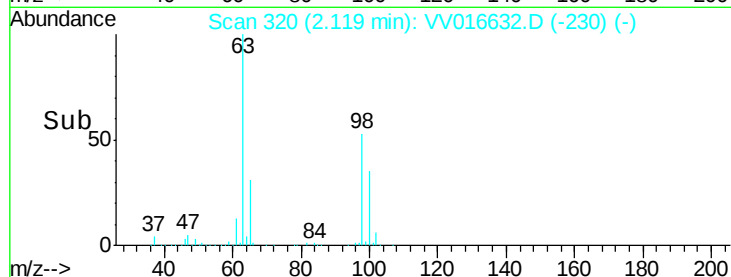
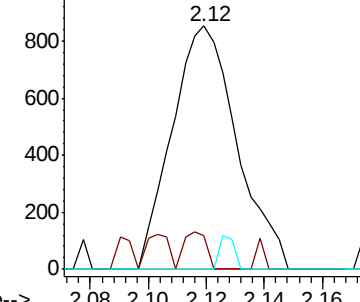
151 3.2 61.8 92.8#



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



#29

Cyclohexane

Concen: 0.600 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

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Acq: 07 Jun 2020 10:08

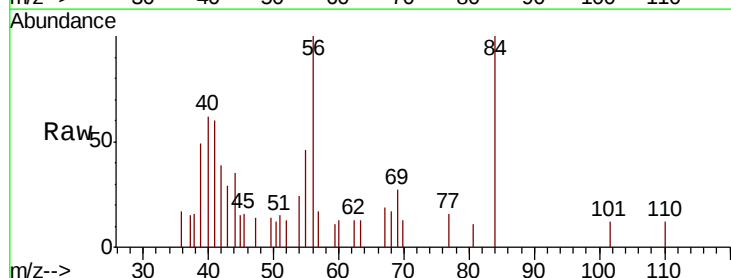
Tgt Ion: 56 Resp: 2333

Ion Ratio Lower Upper

56 100

69 24.4 23.9 35.9

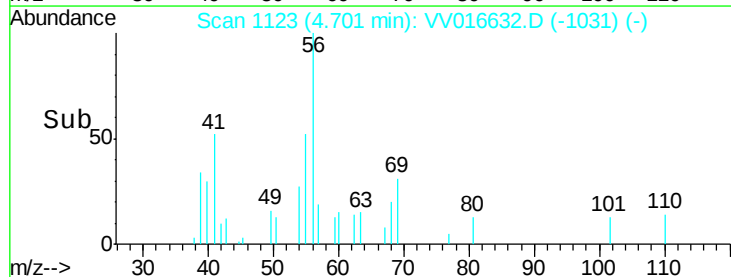
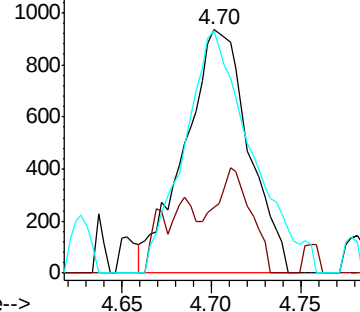
84 103.1 68.2 102.2#

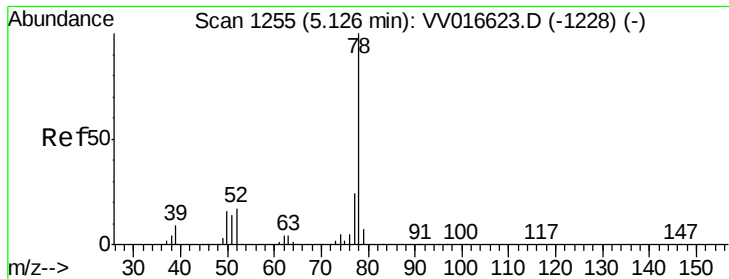


Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 69.00 (68.70 to 69.70): VV0

Ion 84.00 (83.70 to 84.70): VV0





#33

Benzene

Concen: 58.820 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

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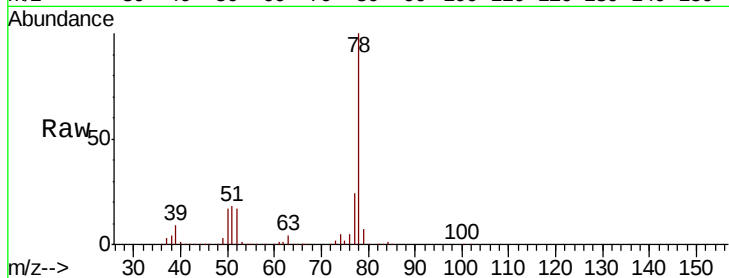
Instrument :

MSVOA_V

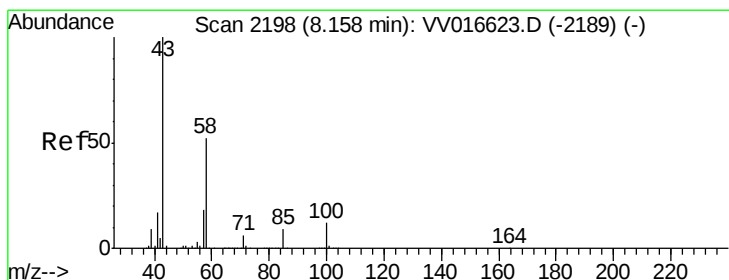
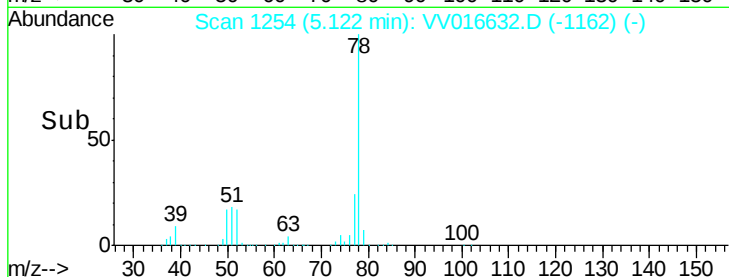
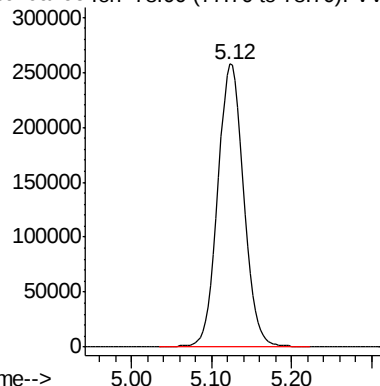
ClientSampleId :

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Tgt Ion: 78 Resp: 566305



Abundance Ion 78.00 (77.70 to 78.70): VV0



#48

2-Hexanone

Concen: 2.454 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV016632.D

Acq: 07 Jun 2020 10:08

Tgt Ion: 43 Resp: 6587

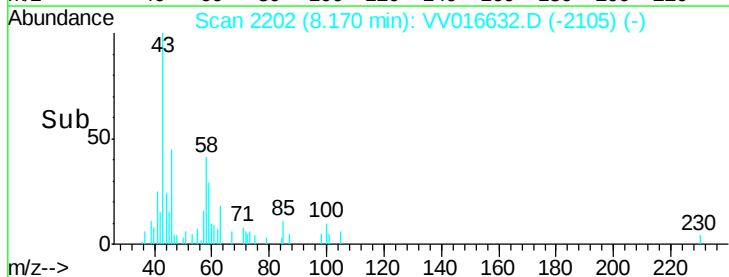
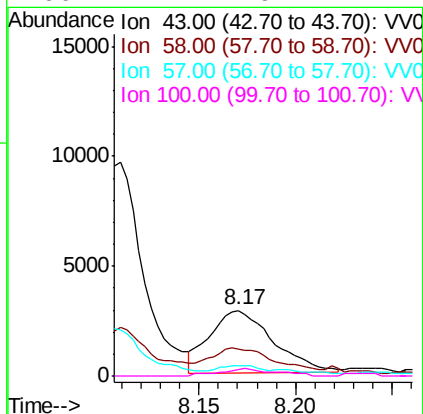
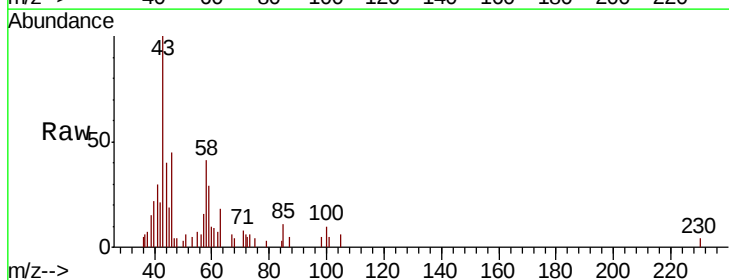
Ion	Ratio	Lower	Upper
43	100		
58	47.6	42.7	64.1
57	5.8	14.5	21.7#
100	4.4	9.4	14.2#

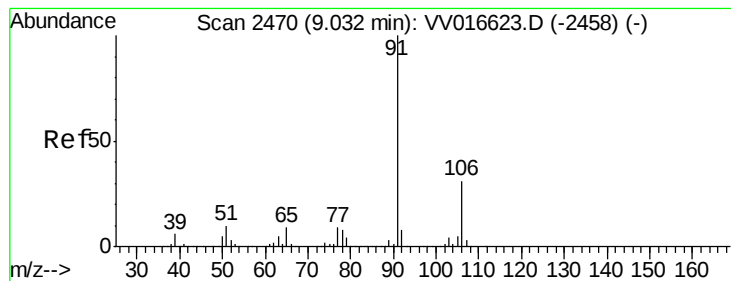
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#52

Ethylbenzene

Concen: 1.303 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV016632.D

Acq: 07 Jun 2020 10:08

Instrument :

MSVOA_V

ClientSampleId :

F9D89DL

Tot Ion: 91 Resp: 14466

Ion Ratio Lower Upper

91 100

106 30.8 21.8 40.4

