

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060520\
 Data File : VV016562.D
 Acq On : 06 Jun 2020 02:28
 Operator : SY/MD
 Sample : L2862-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 06 06:32:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 06 06:28:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	375990	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	350672	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	173959	50.00	ug/L	0.00

System Monitoring Compounds

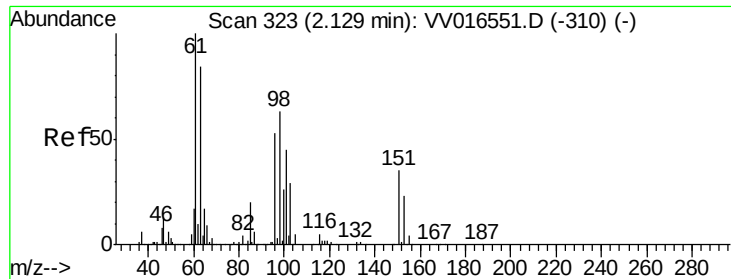
4) Vinyl Chloride-d3	1.31	65	119181	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.50%
7) Chloroethane-d5	1.56	69	85313	44.38	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.76%
11) 1,1-Dichloroethene-d2	2.12	63	160341	33.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.92%
21) 2-Butanone-d5	3.89	46	190452	111.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.84%
24) Chloroform-d	4.37	84	241926	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
26) 1,2-Dichloroethane-d4	5.05	65	168267	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
32) Benzene-d6	5.07	84	492435	52.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.84%
36) 1,2-Dichloropropane-d6	6.09	67	155270	53.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.10%
41) Toluene-d8	7.34	98	434337	50.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.82%
43) trans-1,3-Dichloropropene-	7.64	79	69066	48.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.84%
47) 2-Hexanone-d5	8.11	63	146400	116.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	205514	51.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.54%
64) 1,2-Dichlorobenzene-d4	11.65	152	182269	55.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.52%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1497	0.690	ug/L	# 20
13) Acetone	2.17	43	6858	4.309	ug/L	99
27) 1,2-Dichloroethane	5.17	62	3721	0.897	ug/L	100
29) Cyclohexane	4.70	56	26486	6.364	ug/L	99
33) Benzene	5.13	78	17807	1.727	ug/L	100
52) Ethylbenzene	9.03	91	448235	37.685	ug/L	98
56) Isopropylbenzene	9.95	105	6701	0.594	ug/L	99

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

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Acq On : 06 Jun 2020 02:28
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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 41 Sample Multiplier: 1



#10

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

Concen: 0.690 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016562.D

Acq: 06 Jun 2020 02:28

Instrument :

MSVOA_V

ClientSampleId :

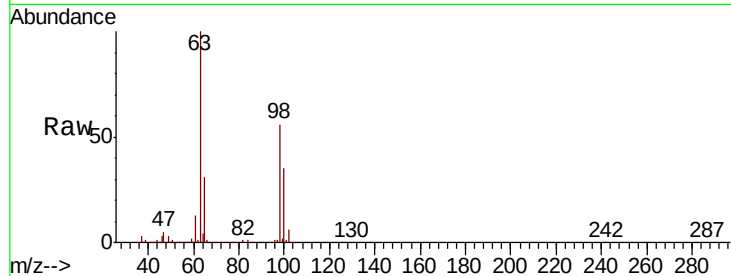
Tot Ion:101 Resp: 1497

Ion Ratio Lower Upper

101 100

85 2.7 35.6 53.4#

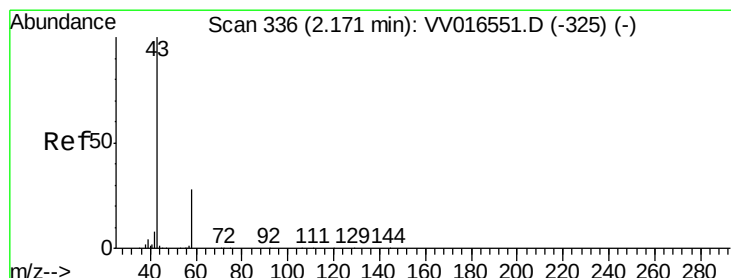
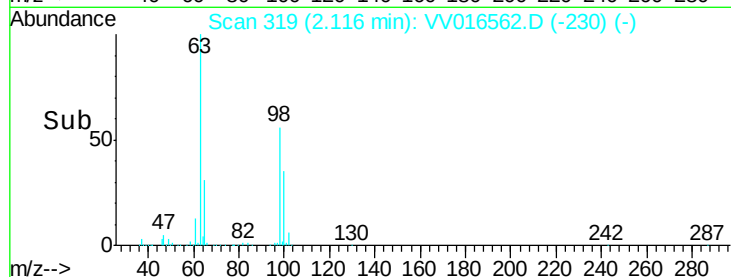
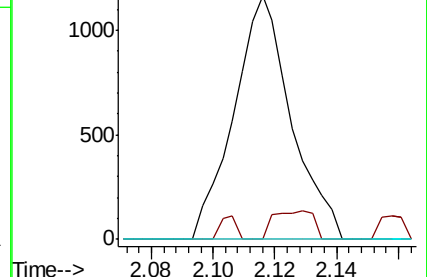
151 0.0 61.8 92.8#



Abundance Ion 101.00 (100.70 to 101.70): VV016551.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV016551.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV016551.D (-310) (-)



#13

Acetone

Concen: 4.309 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016562.D

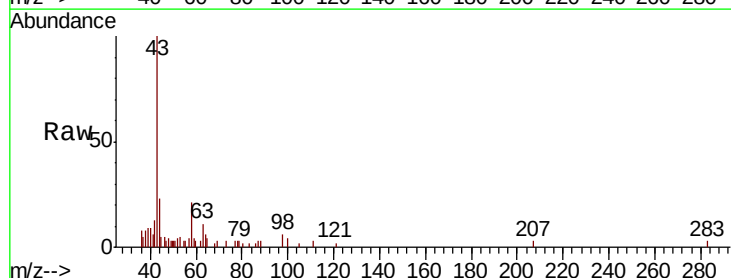
Acq: 06 Jun 2020 02:28

Tgt Ion: 43 Resp: 6858

Ion Ratio Lower Upper

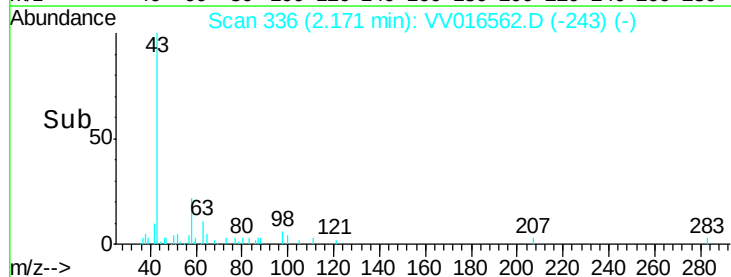
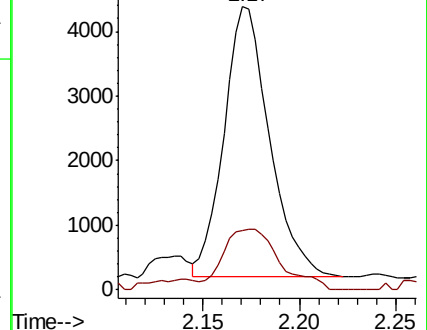
43 100

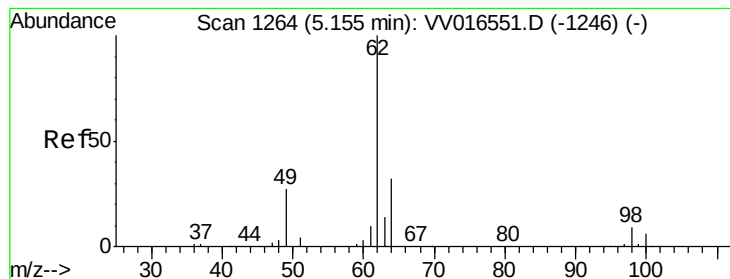
58 28.0 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV016551.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV016551.D (-325) (-)





#27

1,2-Dichloroethane

Concen: 0.897 ug/L

RT: 5.17 min Scan# 1269

Delta R.T. 0.02 min

Lab File: VV016562.D

Acq: 06 Jun 2020 02:28

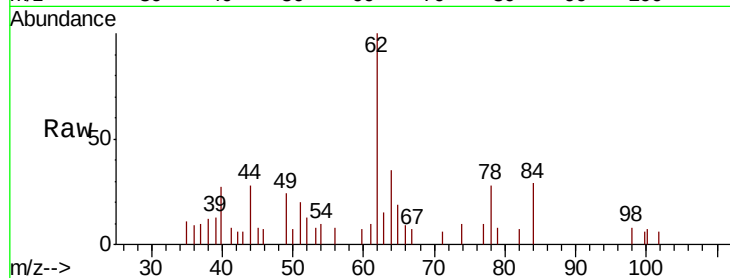
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 3721

Ion Ratio Lower Upper

62 100

98 8.5 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV016551.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV016551.D (-1246) (-)

5.17

2000

1500

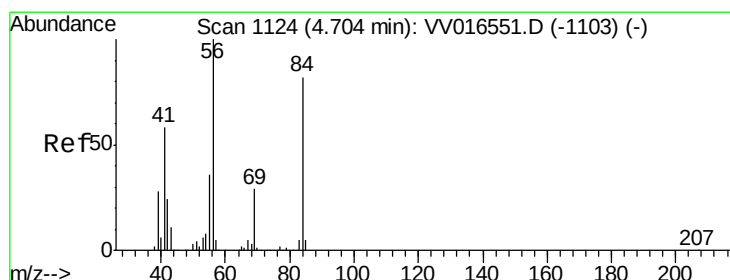
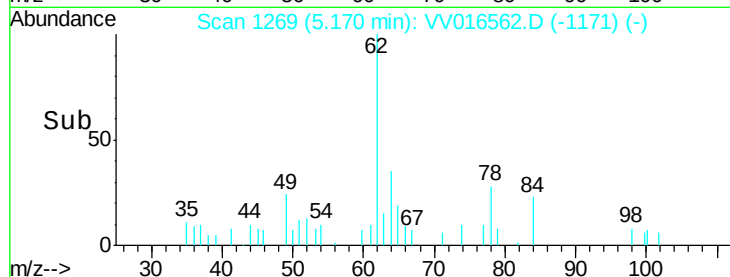
1000

500

0

5.10 5.15 5.20

Time-->



#29

Cyclohexane

Concen: 6.364 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016562.D

Acq: 06 Jun 2020 02:28

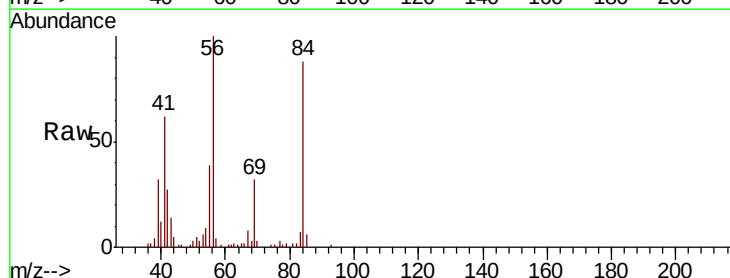
Tgt Ion: 56 Resp: 26486

Ion Ratio Lower Upper

56 100

69 32.4 23.9 35.9

84 85.0 68.2 102.2



Abundance Ion 56.00 (55.70 to 56.70): VV016551.D (-1103) (-)

Ion 69.00 (68.70 to 69.70): VV016551.D (-1103) (-)

Ion 84.00 (83.70 to 84.70): VV016551.D (-1103) (-)

4.70

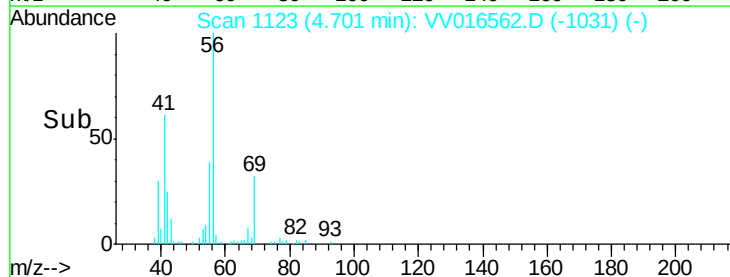
10000

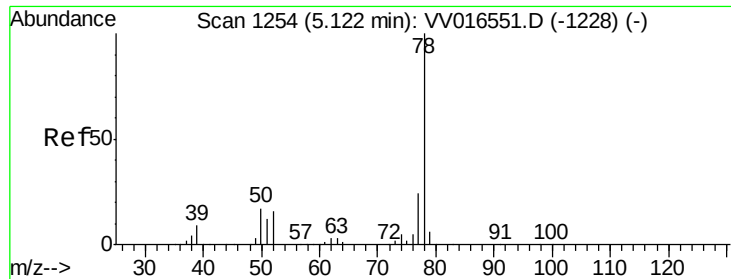
5000

0

4.60 4.65 4.70 4.75 4.80

Time-->

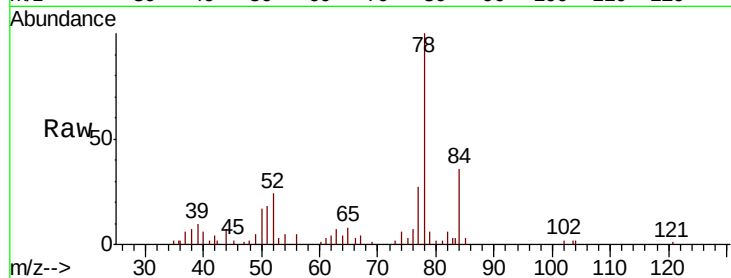




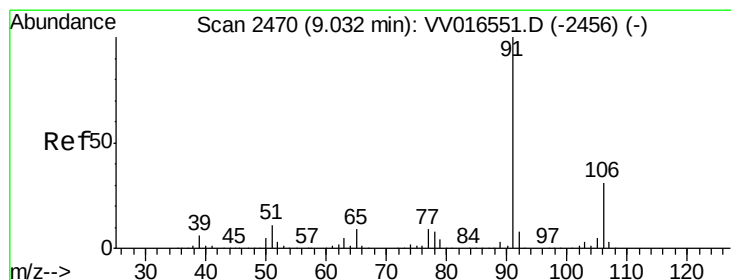
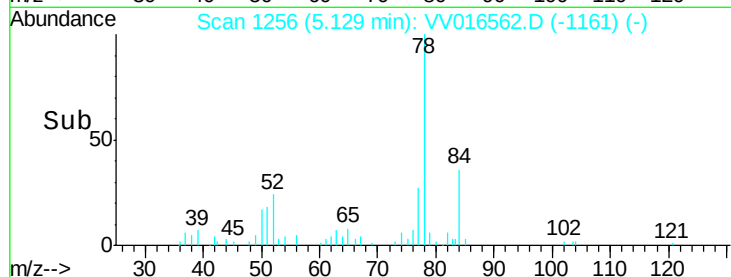
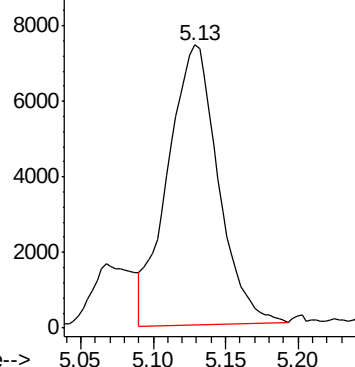
#33
Benzene
Concen: 1.727 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV016562.D
Acq: 06 Jun 2020 02:28

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 17807

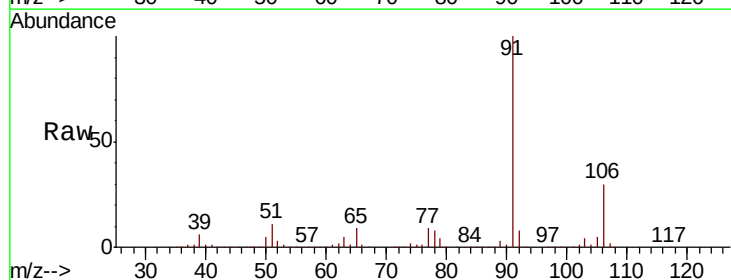


Abundance Ion 78.00 (77.70 to 78.70): VV0

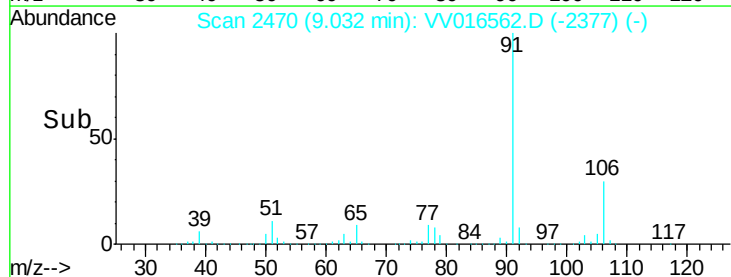
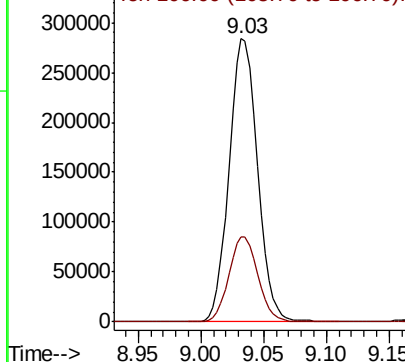


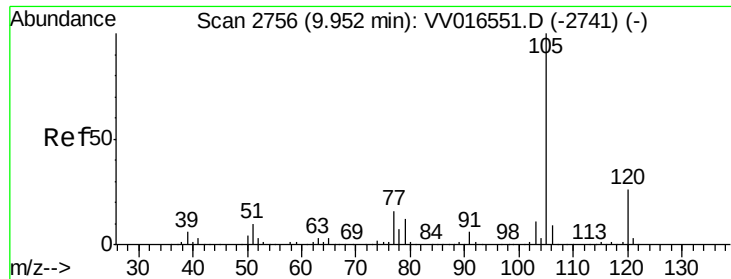
#52
Ethylbenzene
Concen: 37.685 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016562.D
Acq: 06 Jun 2020 02:28

Tgt Ion: 91 Resp: 448235
Ion Ratio Lower Upper
91 100
106 30.2 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VV0
Ion 106.00 (105.70 to 106.70): V





#56

Isopropylbenzene

Concen: 0.594 ug/L

RT: 9.95 min Scan# 2757

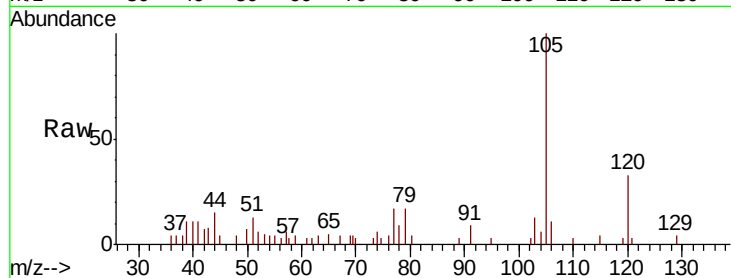
Delta R.T. 0.00 min

Lab File: VV016562.D

Acq: 06 Jun 2020 02:28

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	105	Resp:	6701
Ion	Ratio	Lower	Upper
105	100		
120	26.5	21.0	31.6
77	15.4	13.0	19.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): V

