

Data File : VV016563.D
Acq On : 06 Jun 2020 02:52
Operator : SY/MD
Sample : L2862-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D92

Manual Integrations
APPROVED

sam
6/6/2020 11:32:57 AM

Quant Time: Jun 06 07:19:22 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	387082	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	368087	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192630	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	118309	43.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.30%
7) Chloroethane-d5	1.56	69	89076	45.00	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.12	63	164998	33.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.90%
21) 2-Butanone-d5	3.89	46	201012	114.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.66%
24) Chloroform-d	4.37	84	252656	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.22%
26) 1,2-Dichloroethane-d4	5.06	65	178262	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
32) Benzene-d6	5.08	84	510196	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
36) 1,2-Dichloropropane-d6	6.09	67	162073	52.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.50%
41) Toluene-d8	7.34	98	463192	51.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.46%
43) trans-1,3-Dichloropropene-	7.64	79	73096	48.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.64%
47) 2-Hexanone-d5	8.11	63	157330	119.57	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.57%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	212858	51.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	196519	54.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.58%

Target Compounds

					Qvalue
13) Acetone	2.17	43	7220	4.407 ug/L	97
29) Cyclohexane	4.70	56	216352	49.523 ug/L	99
33) Benzene	5.12	78	29044751m	2683.024 ug/L	
35) Methylcyclohexane	6.15	83	18196	4.463 ug/L	91
40) 4-Methyl-2-pentanone	7.24	43	12802	3.297 ug/L #	68
42) Toluene	7.41	91	528247	46.050 ug/L	99
52) Ethylbenzene	9.03	91	2801430	224.385 ug/L	99
53) m,p-Xylene	9.16	106	143864	30.560 ug/L	96
54) o-xylene	9.57	106	83315	18.274 ug/L	97
56) Isopropylbenzene	9.95	105	66049	5.577 ug/L	99

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

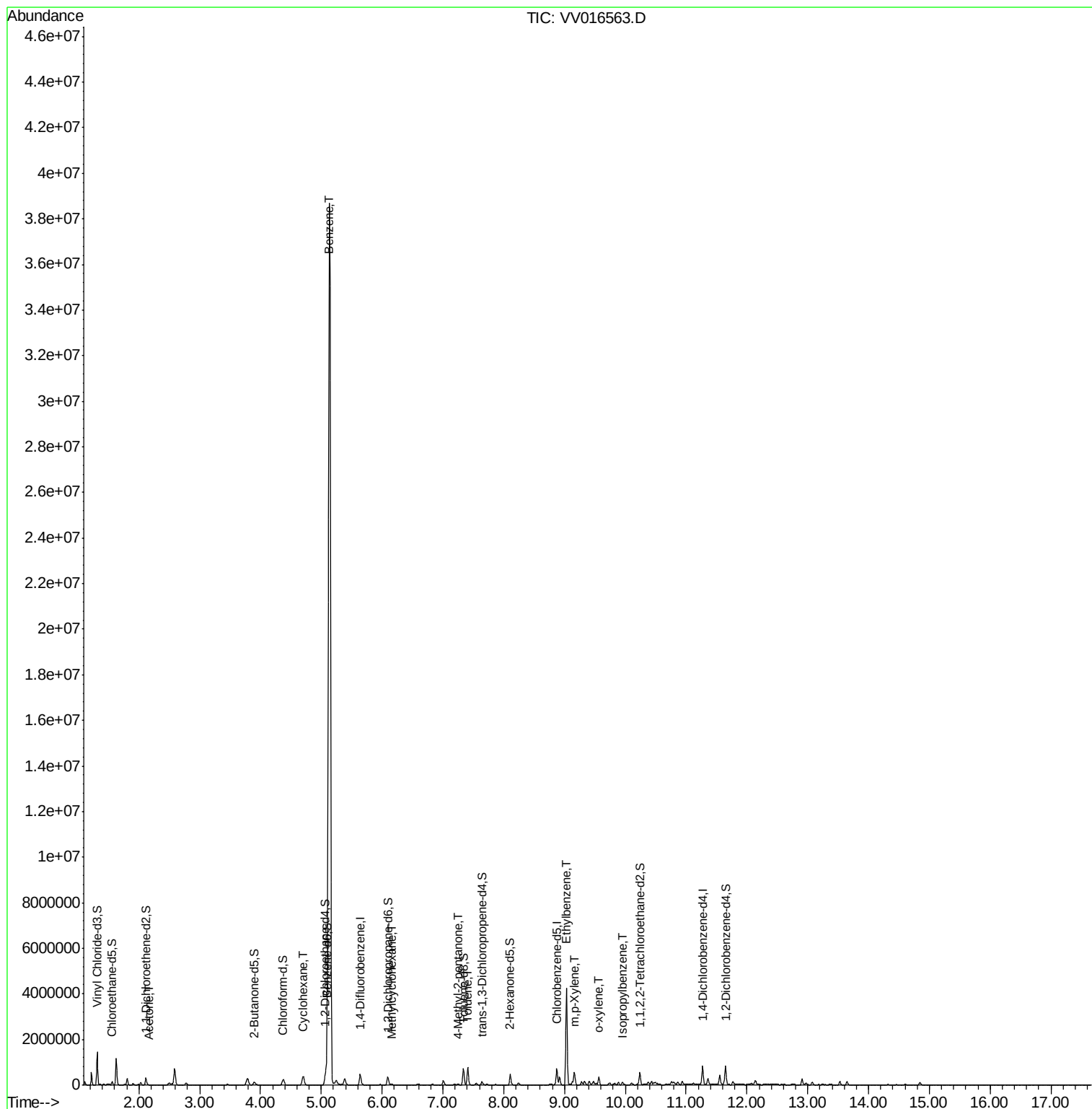
Data File : VV016563.D
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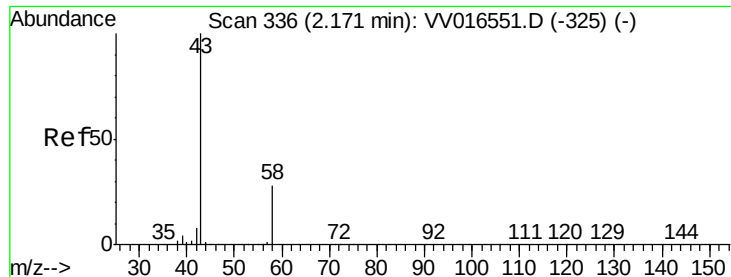
Instrument :
MSVOA_V
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Quant Time: Jun 06 07:19:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.407 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016563.D

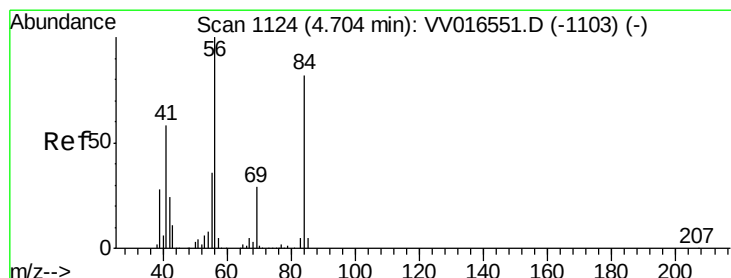
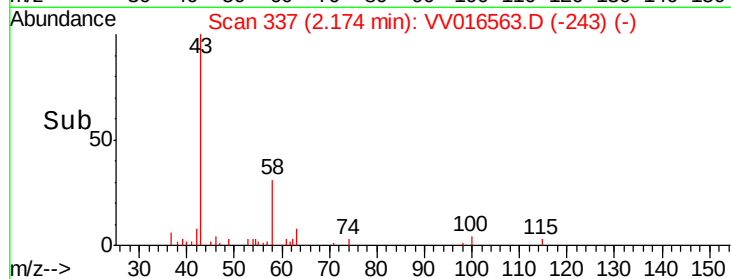
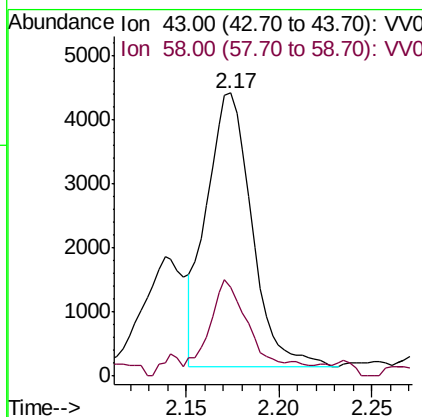
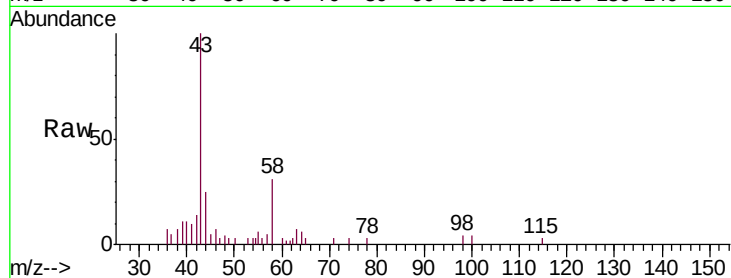
Acq: 06 Jun 2020 02:52

Instrument :
MSVOA_V
ClientSampled :
F9D92

Tgt Ion	Ratio	Lower	Upper
43	100		
58	26.9	0.0	57.2

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#29

Cyclohexane

Concen: 49.523 ug/L

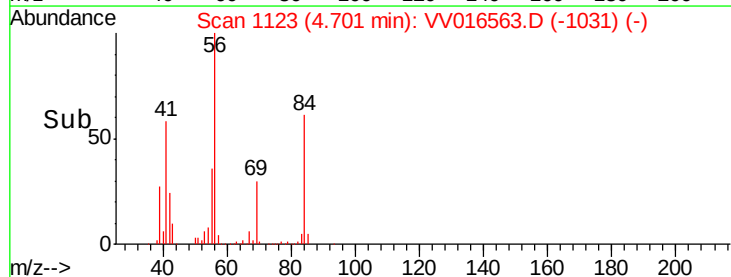
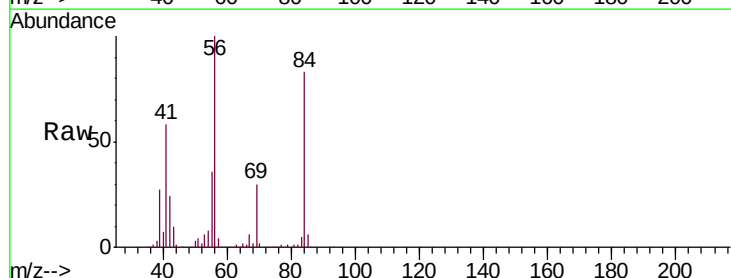
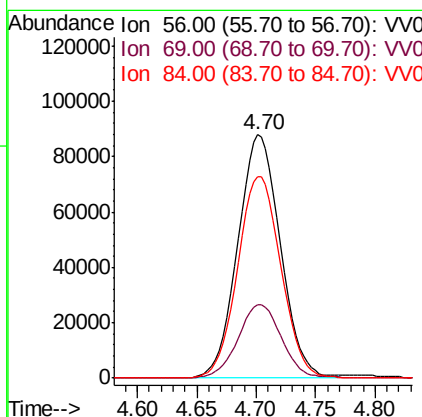
RT: 4.70 min Scan# 1123

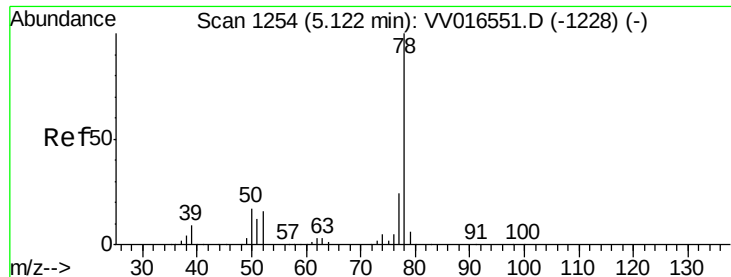
Delta R.T. -0.00 min

Lab File: VV016563.D

Acq: 06 Jun 2020 02:52

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.9	35.9
84	84.9	68.2	102.2





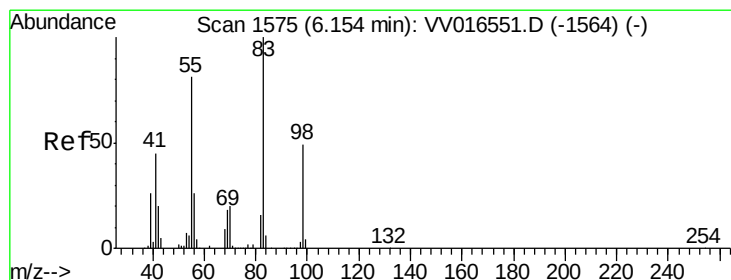
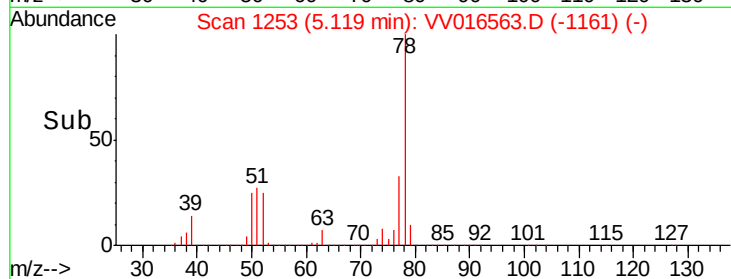
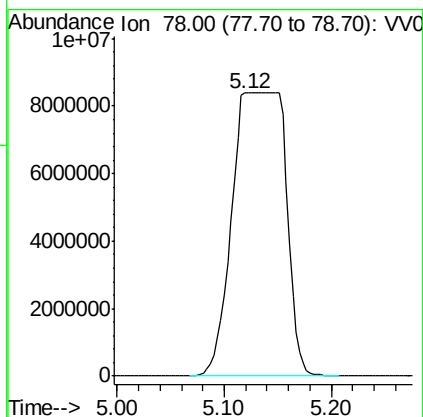
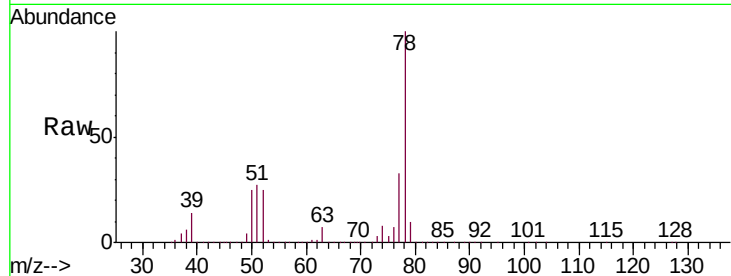
#33
Benzene
Concen: 2683.024 ug/L m
RT: 5.12 min Scan# 1253
Delta R.T. -0.00 min
Lab File: VV016563.D
Acq: 06 Jun 2020 02:52

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 78 Resp:29044751

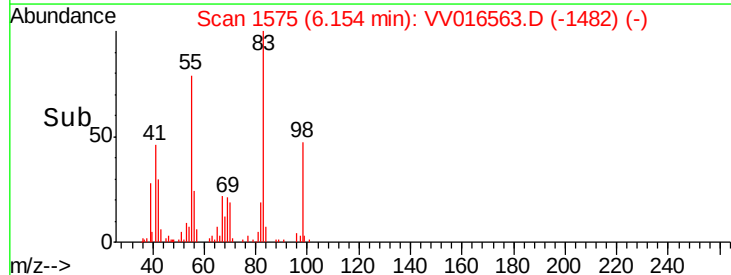
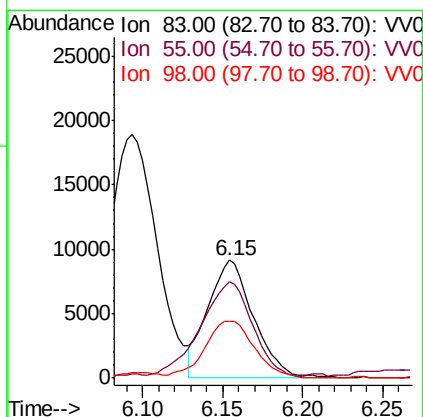
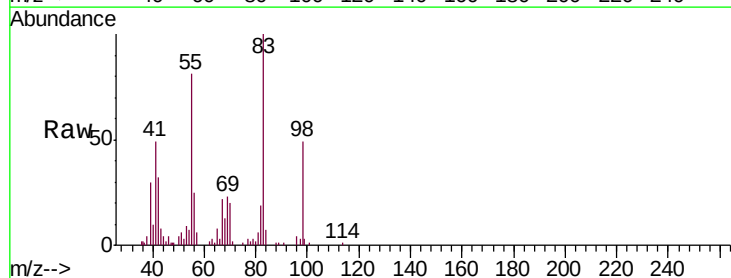
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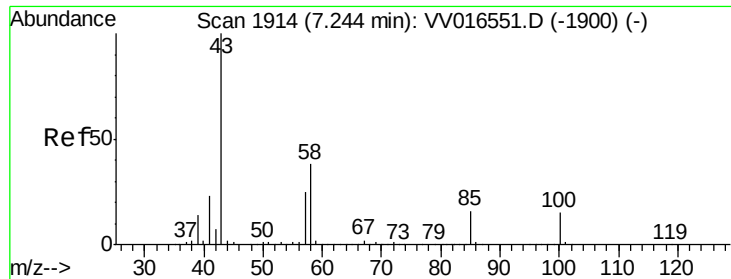
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#35
Methylcyclohexane
Concen: 4.463 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VV016563.D
Acq: 06 Jun 2020 02:52

Tgt Ion: 83 Resp: 18196
Ion Ratio Lower Upper
83 100
55 89.7 63.4 95.0
98 52.6 39.4 59.0





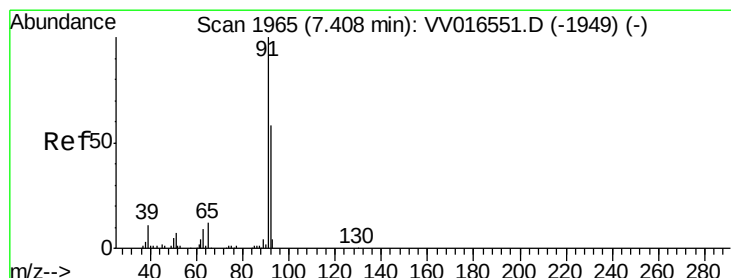
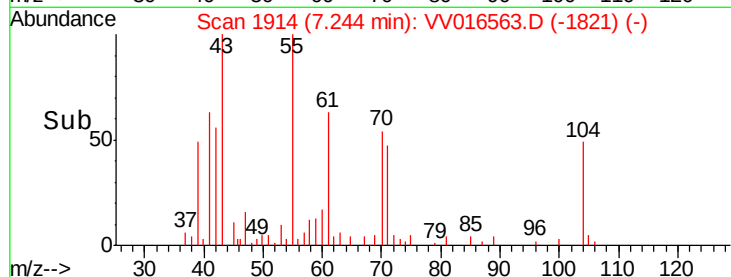
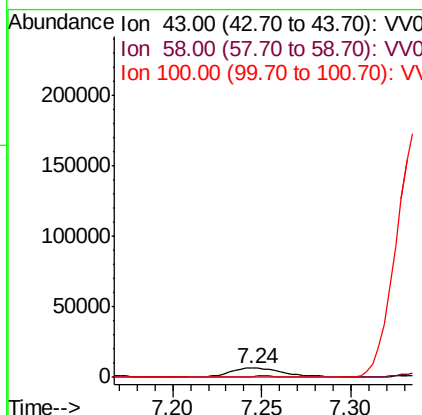
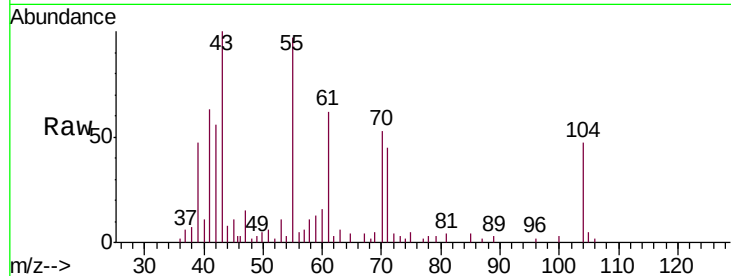
#40
 4-Methyl-2-pentanone
 Concen: 3.297 ug/L
 RT: 7.24 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VV016563.D
 Acq: 06 Jun 2020 02:52

Instrument :
 MSVOA_V
 ClientSampled :
 F9D92

Tgt Ion: 43 Resp: 12802
 Ion Ratio Lower Upper
 43 100
 58 16.4 29.9 44.9#
 100 5.2 11.9 17.9#

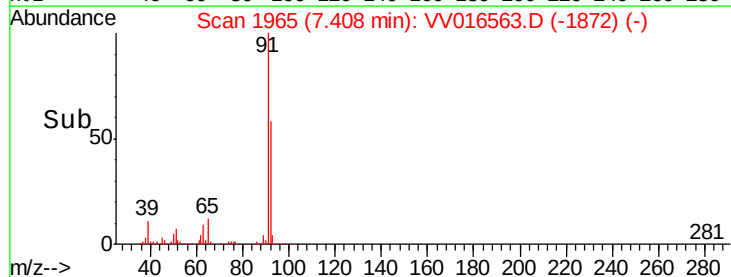
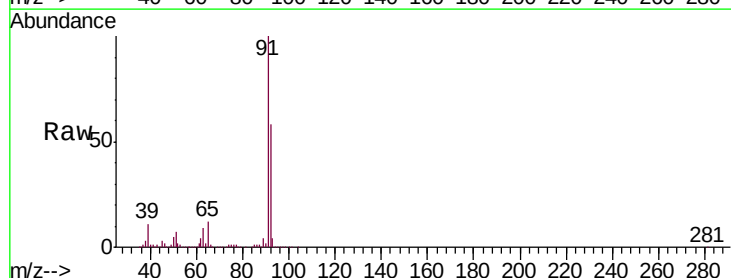
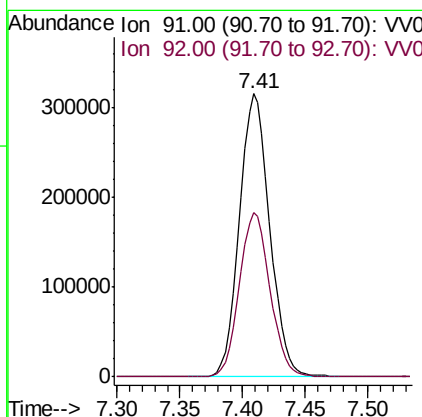
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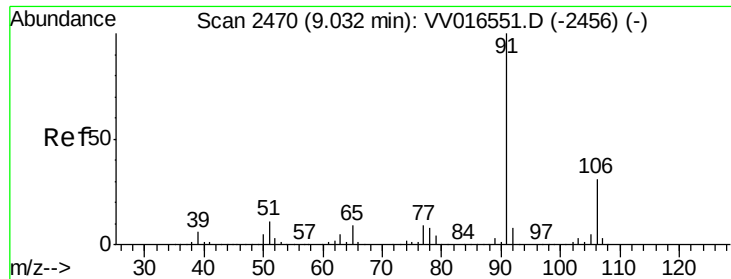
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#42
 Toluene
 Concen: 46.050 ug/L
 RT: 7.41 min Scan# 1965
 Delta R.T. -0.00 min
 Lab File: VV016563.D
 Acq: 06 Jun 2020 02:52

Tgt Ion: 91 Resp: 528247
 Ion Ratio Lower Upper
 91 100
 92 57.9 40.9 75.9





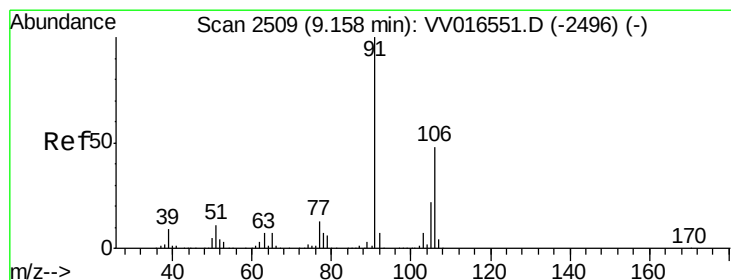
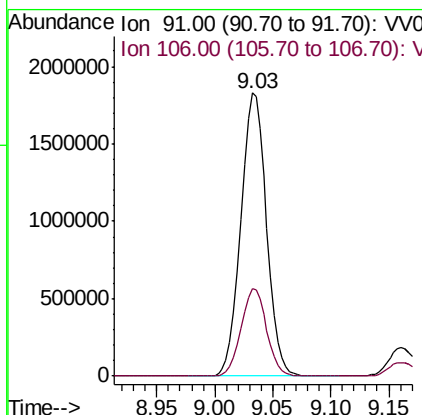
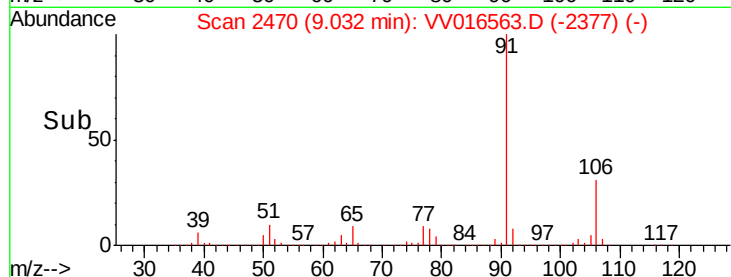
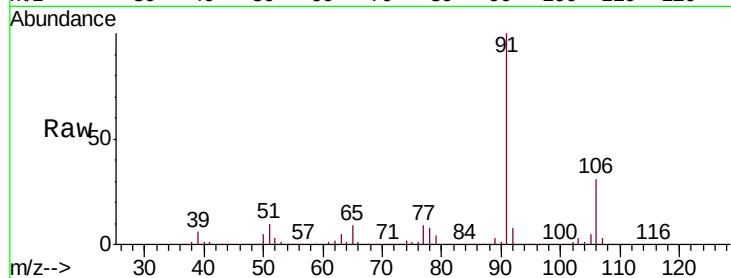
#52
Ethylbenzene
Concen: 224.385 ug/L
RT: 9.03 min Scan# 2470
Delta R.T. -0.00 min
Lab File: VV016563.D
Acq: 06 Jun 2020 02:52

Instrument :
MSVOA_V
ClientSampleId :
F9D92

Tgt Ion: 91 Resp: 2801430
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.4

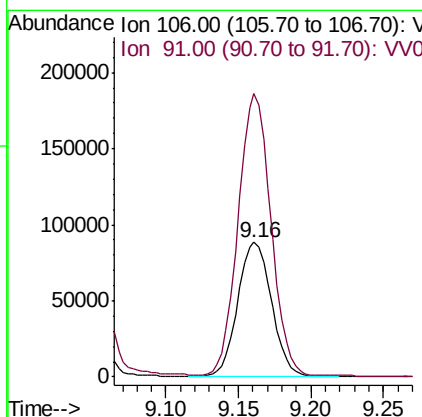
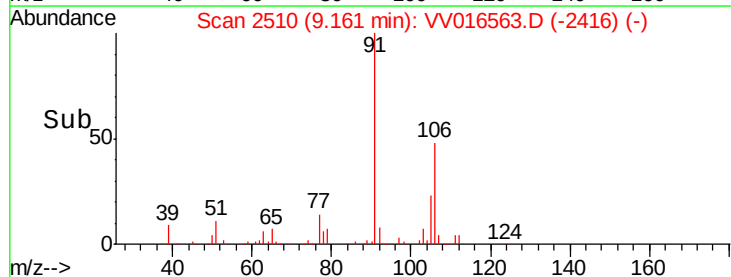
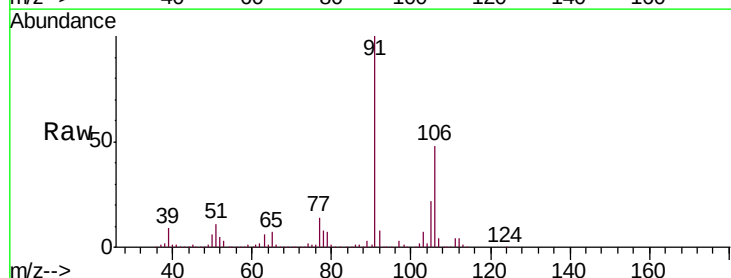
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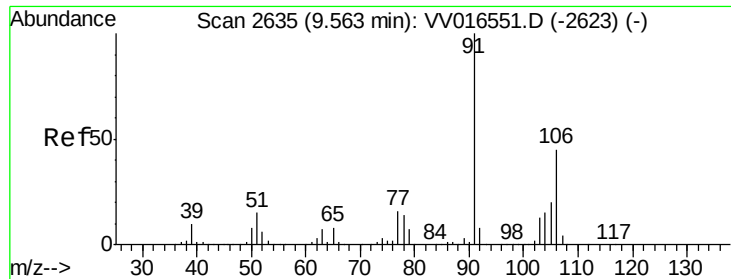
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#53
m,p-Xylene
Concen: 30.560 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV016563.D
Acq: 06 Jun 2020 02:52

Tgt Ion: 106 Resp: 143864
Ion Ratio Lower Upper
106 100
91 210.0 142.5 264.6





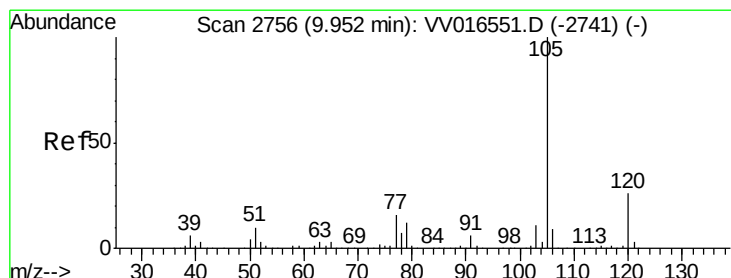
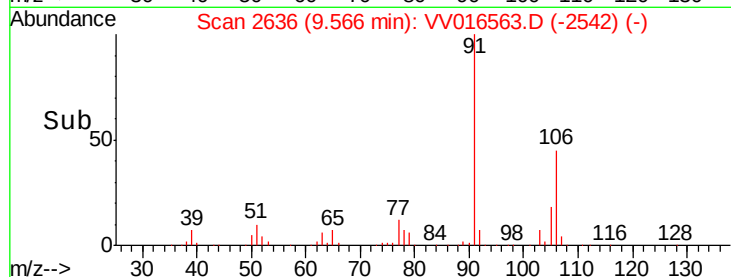
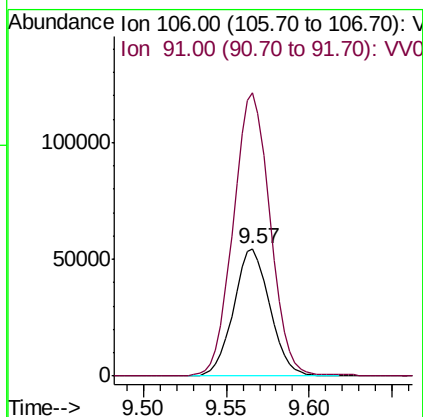
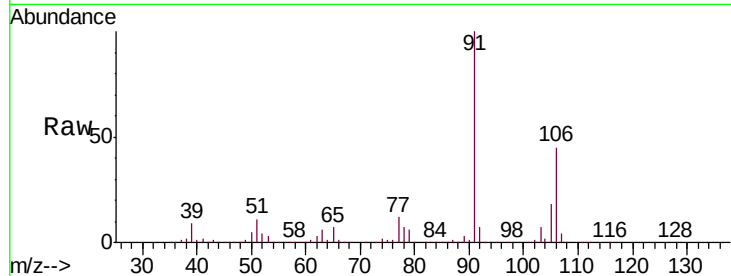
#54
o-xylene
Concen: 18.274 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016563.D
Acq: 06 Jun 2020 02:52

Instrument :
MSVOA_V
ClientSampled :
F9D92

Tgt Ion:106 Resp: 83315
Ion Ratio Lower Upper
106 100
91 222.0 152.5 283.1

Manual Integrations
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#56
Isopropylbenzene
Concen: 5.577 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016563.D
Acq: 06 Jun 2020 02:52

Tgt Ion:105 Resp: 66049
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 17.0 13.0 19.4

