

Data File : VV016564.D
Acq On : 06 Jun 2020 03:16
Operator : SY/MD
Sample : L2862-10
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D94

Manual Integrations
APPROVED

sam
6/6/2020 11:33:19 AM

Quant Time: Jun 06 07:23:19 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	373747	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	357697	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	184213	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	120165	45.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.78%
7) Chloroethane-d5	1.56	69	87096	45.57	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.14%
11) 1,1-Dichloroethene-d2	2.12	63	165483	35.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.52%
21) 2-Butanone-d5	3.89	46	199783	118.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.03%
24) Chloroform-d	4.37	84	248976	50.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	5.06	65	179188	53.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.72%
32) Benzene-d6	5.08	84	511099	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.68%
36) 1,2-Dichloropropane-d6	6.09	67	156732	52.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.00%
41) Toluene-d8	7.34	98	463320	53.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.48%
43) trans-1,3-Dichloropropene-	7.64	79	74364	51.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.22%
47) 2-Hexanone-d5	8.11	63	153431	120.00	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	214571	52.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	196675	56.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.62%

Target Compounds

					Qvalue
13) Acetone	2.17	43	7390	4.671 ug/L	91
29) Cyclohexane	4.70	56	185987	43.809 ug/L	100
33) Benzene	5.12	78	29021023m	2758.702 ug/L	
35) Methylcyclohexane	6.15	83	13518	3.412 ug/L	89
40) 4-Methyl-2-pentanone	7.24	43	12822	3.398 ug/L #	64
42) Toluene	7.41	91	518875	46.547 ug/L	99
52) Ethylbenzene	9.03	91	2594062	213.811 ug/L	100
53) m,p-Xylene	9.16	106	132366	28.934 ug/L	99
54) o-xylene	9.57	106	76254	17.211 ug/L	98
56) Isopropylbenzene	9.95	105	56512	4.910 ug/L	97

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

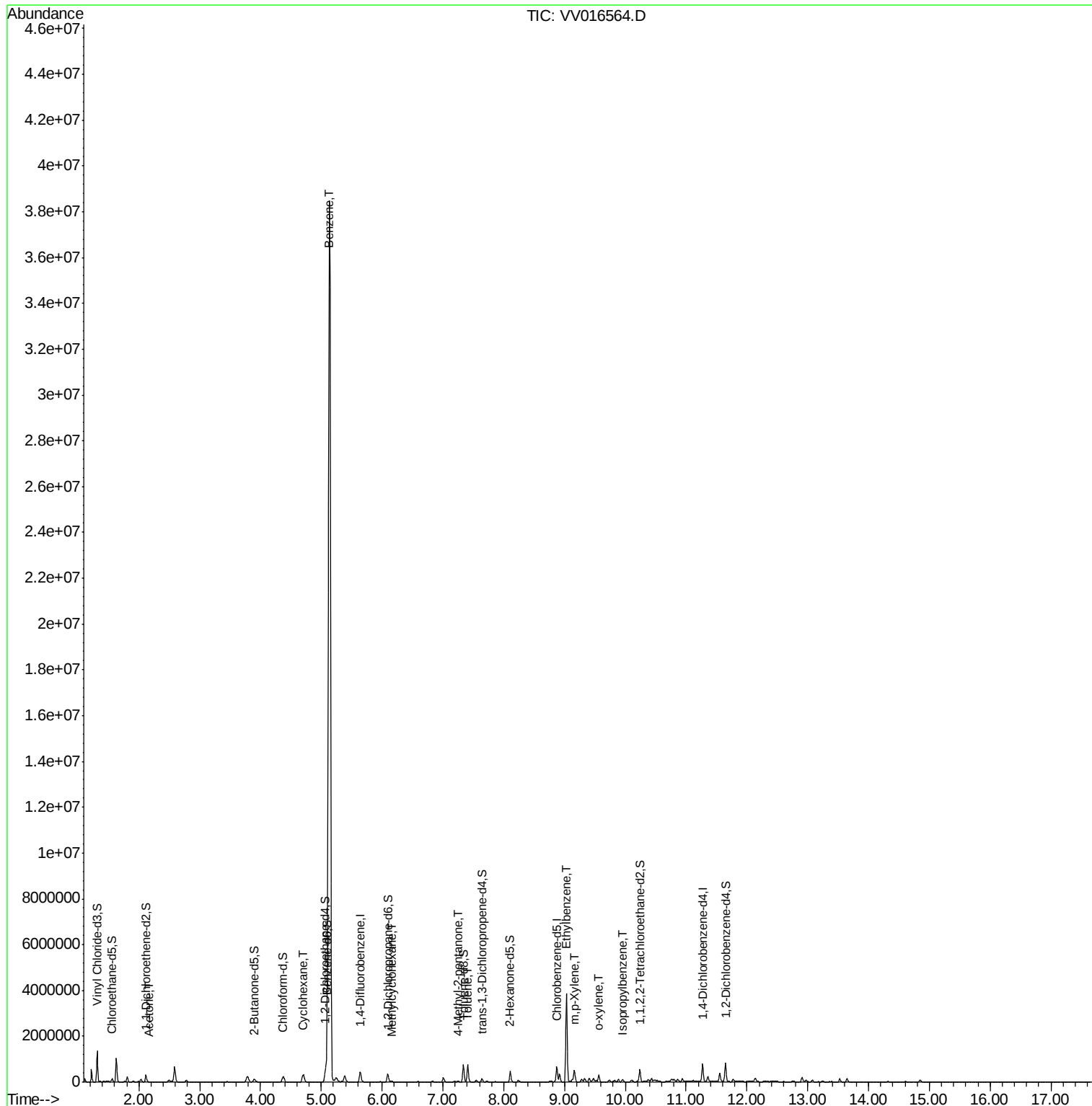
Data File : VV016564.D
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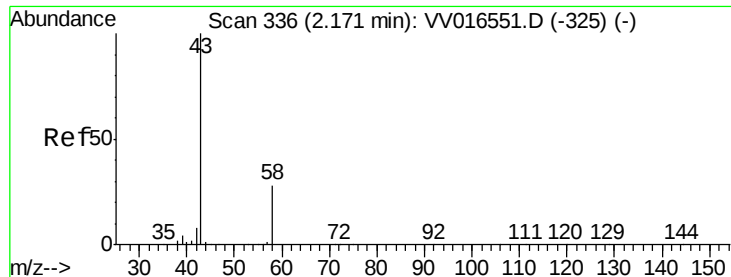
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.671 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016564.D

Acq: 06 Jun 2020 03:16

Instrument :

MSVOA_V

ClientSampled :

F9D94

Tgt Ion: 43 Resp: 7390

Ion Ratio Lower Upper

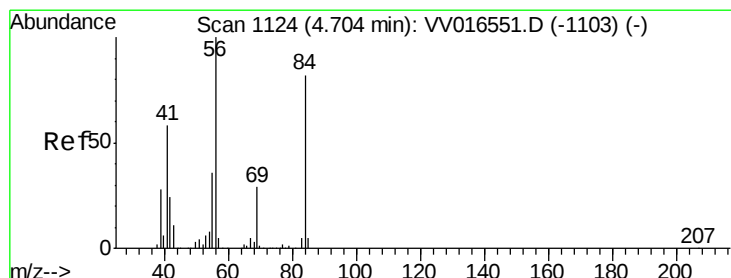
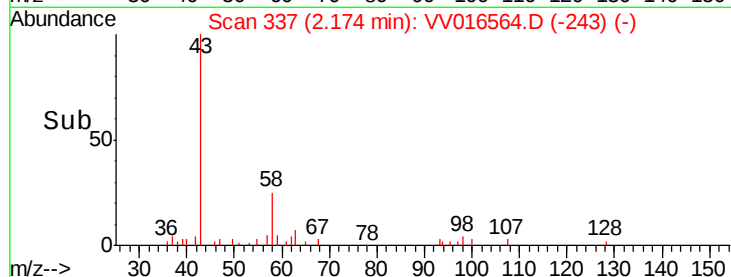
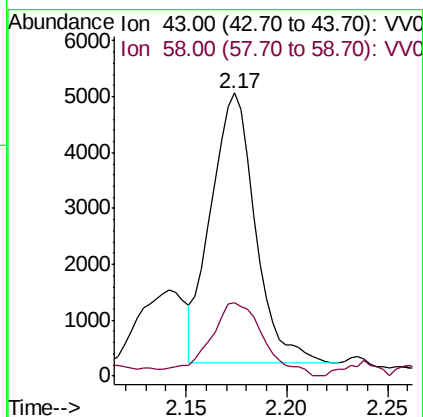
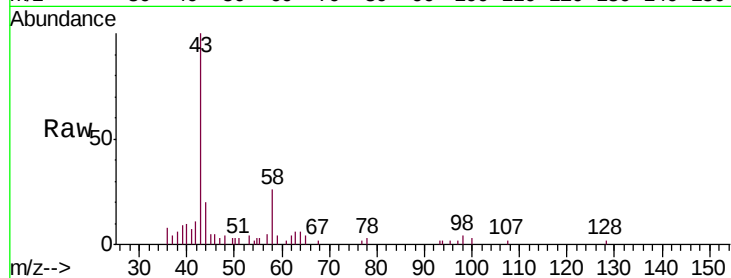
43 100

58 33.3 0.0 57.2

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#29

Cyclohexane

Concen: 43.809 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016564.D

Acq: 06 Jun 2020 03:16

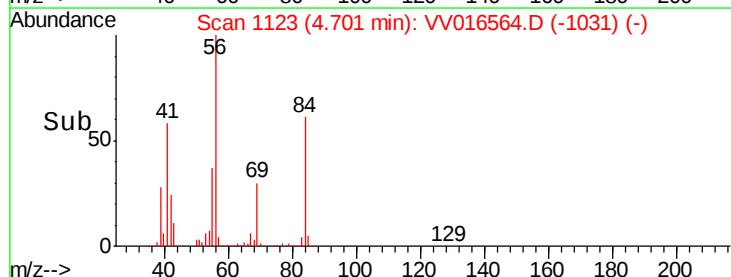
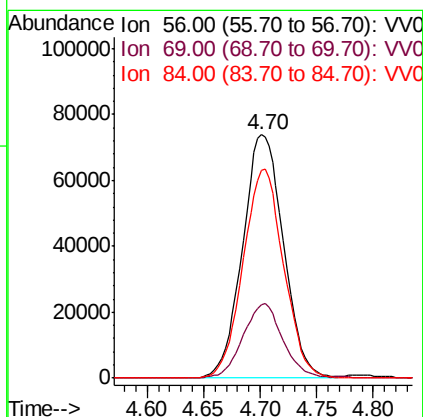
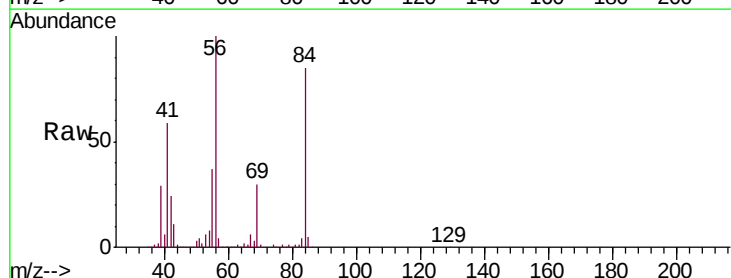
Tgt Ion: 56 Resp: 185987

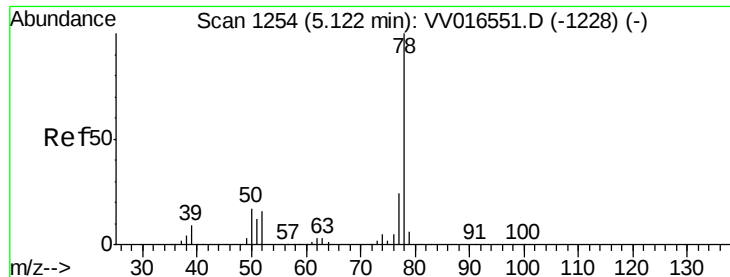
Ion Ratio Lower Upper

56 100

69 29.8 23.9 35.9

84 84.7 68.2 102.2





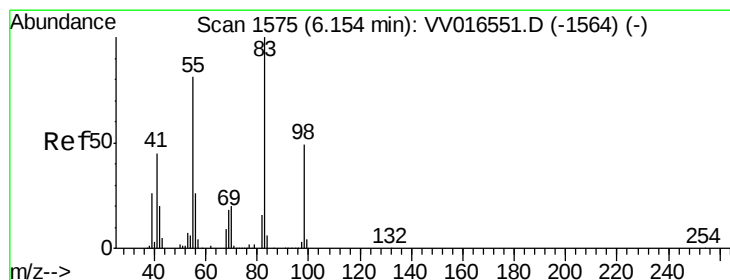
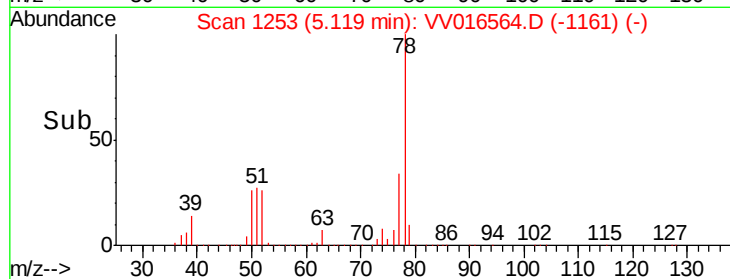
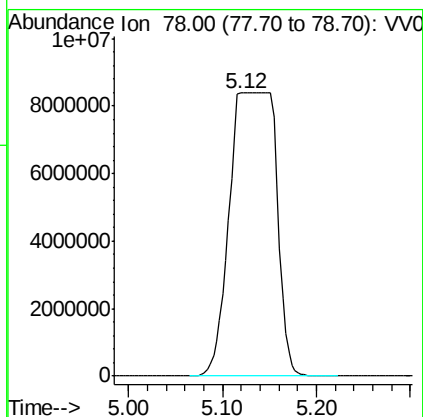
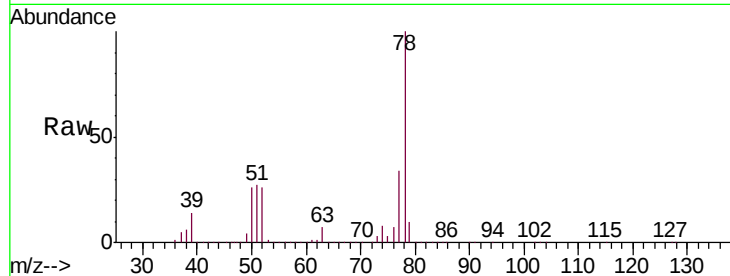
#33
Benzene
Concen: 2758.702 ug/L m
RT: 5.12 min Scan# 1253
Delta R.T. -0.00 min
Lab File: VV016564.D
Acq: 06 Jun 2020 03:16

Instrument :
MSVOA_V
ClientSampleId :
F9D94

Tgt Ion: 78 Resp:29021023

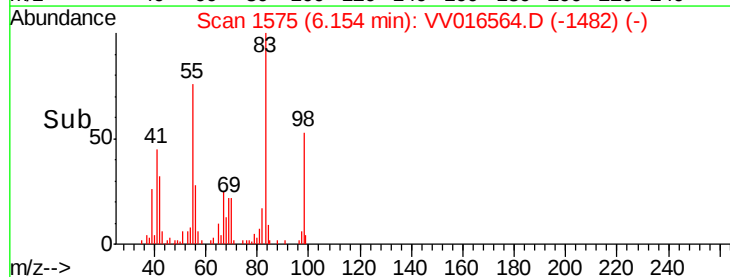
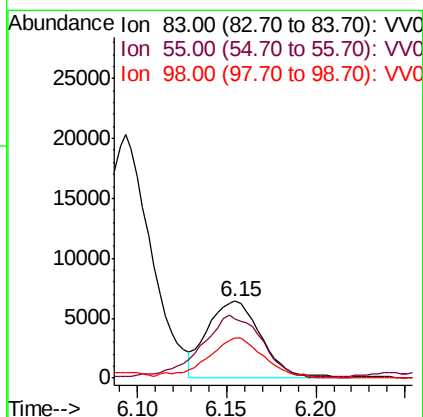
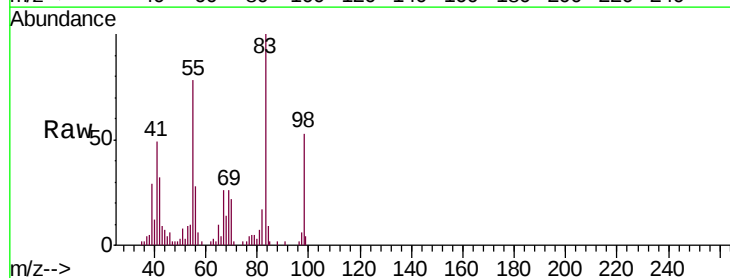
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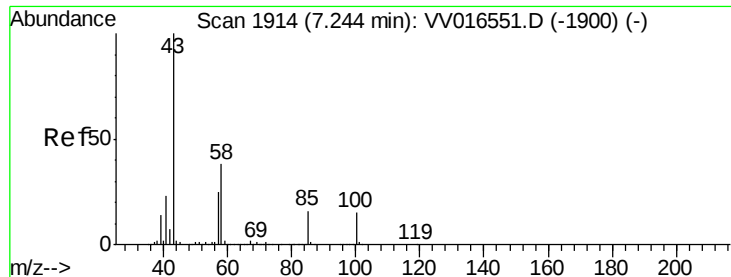
sam
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#35
Methylcyclohexane
Concen: 3.412 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VV016564.D
Acq: 06 Jun 2020 03:16

Tgt Ion: 83 Resp: 13518
Ion Ratio Lower Upper
83 100
55 92.5 63.4 95.0
98 46.7 39.4 59.0





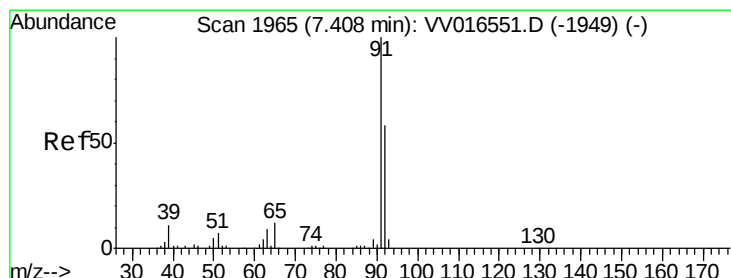
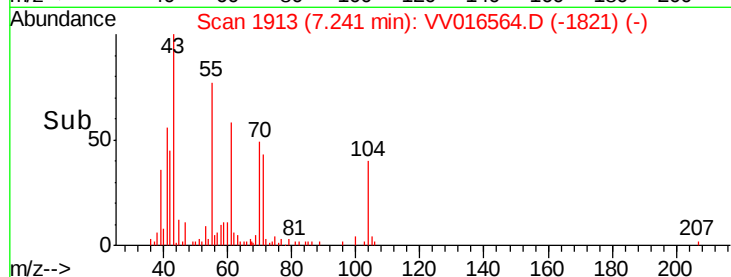
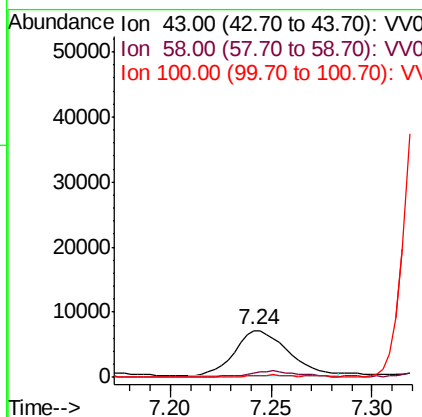
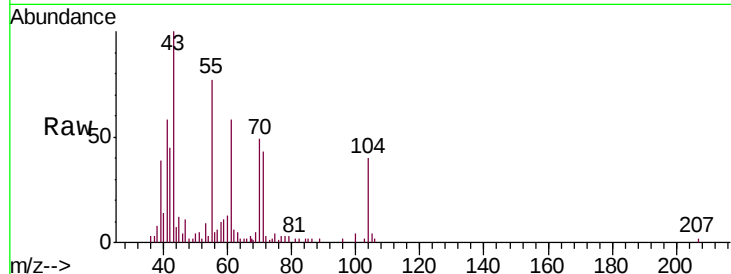
#40
4-Methyl-2-pentanone
Concen: 3.398 ug/L
RT: 7.24 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VV016564.D
Acq: 06 Jun 2020 03:16

Instrument :
MSVOA_V
ClientSampled :
F9D94

Tgt Ion	Ratio	Lower	Upper
43	100		
58	14.0	29.9	44.9#
100	3.3	11.9	17.9#

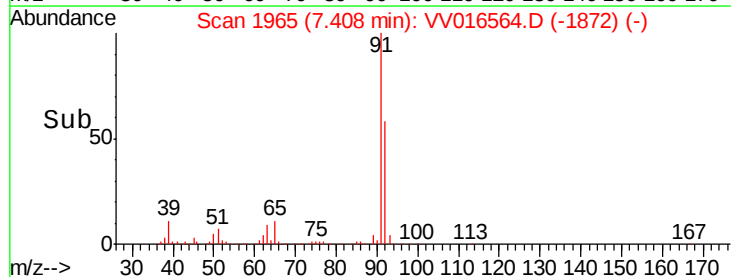
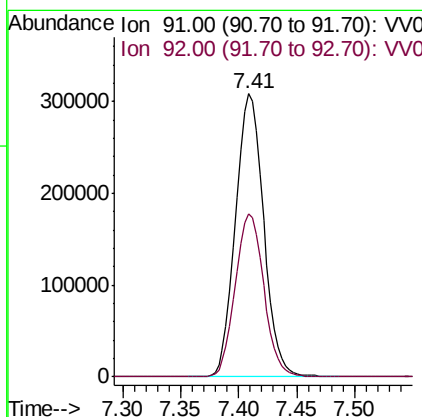
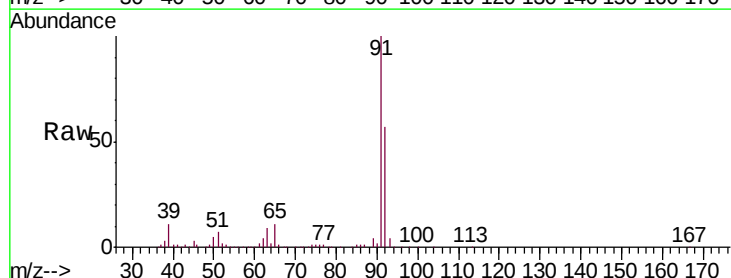
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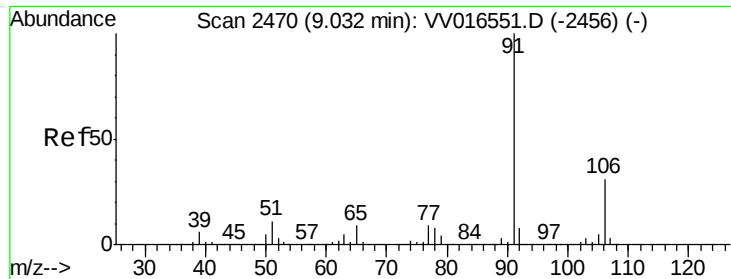
sam
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#42
Toluene
Concen: 46.547 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016564.D
Acq: 06 Jun 2020 03:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.5	40.9	75.9





#52

Ethylbenzene

Concen: 213.811 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV016564.D

Acq: 06 Jun 2020 03:16

Instrument :

MSVOA_V

ClientSampled :

F9D94

Tgt Ion: 91 Resp: 2594062

Ion Ratio Lower Upper

91 100

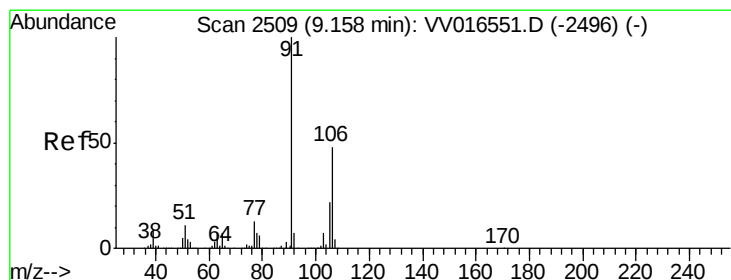
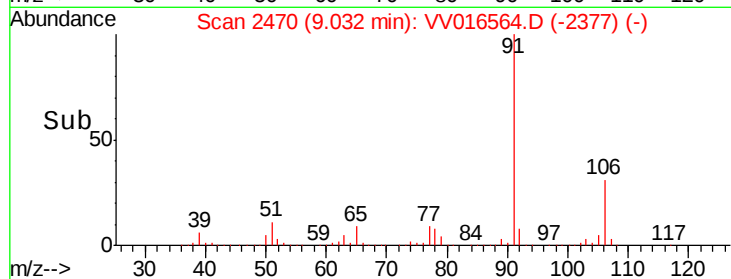
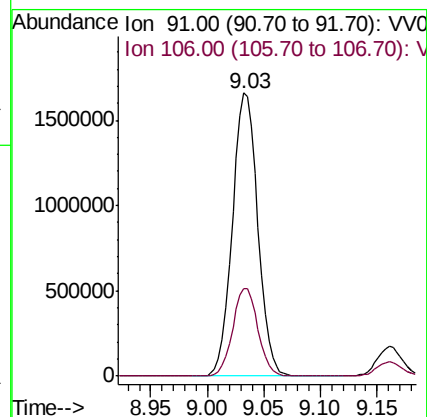
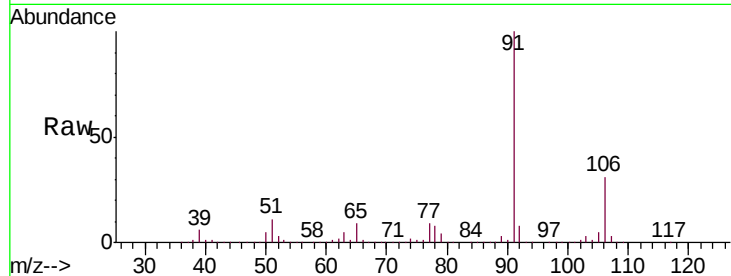
106 31.1 21.8 40.4

Manual Integrations

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6/6/2020 11:33:19 AM



#53

m,p-Xylene

Concen: 28.934 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016564.D

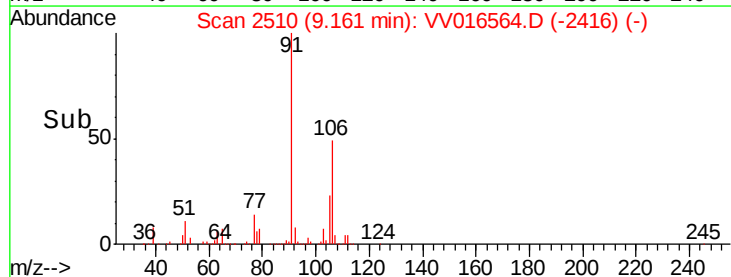
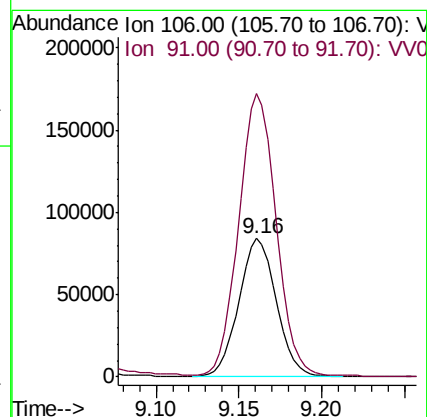
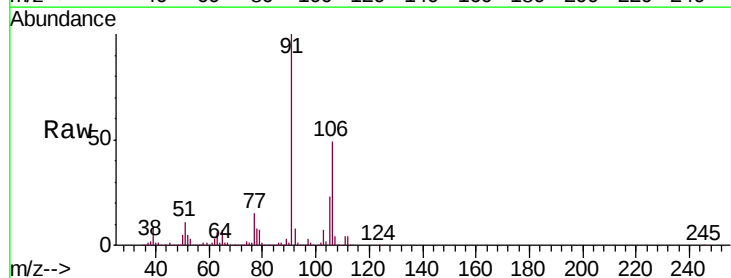
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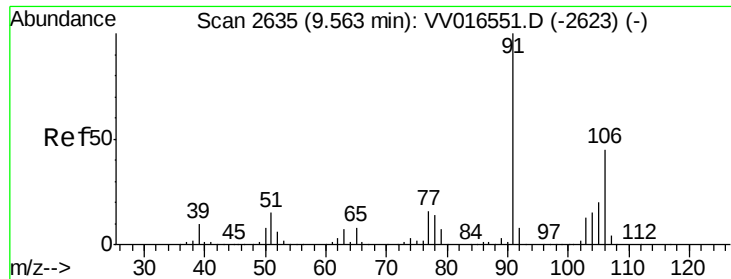
Tgt Ion: 106 Resp: 132366

Ion Ratio Lower Upper

106 100

91 204.3 142.5 264.6





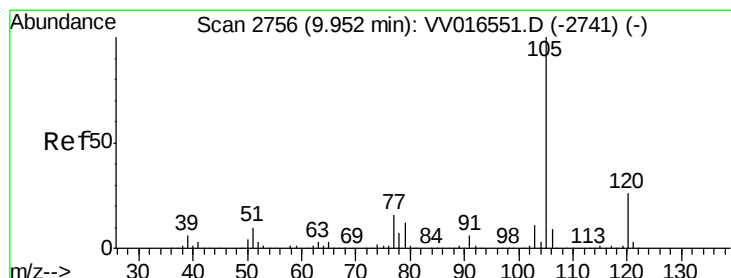
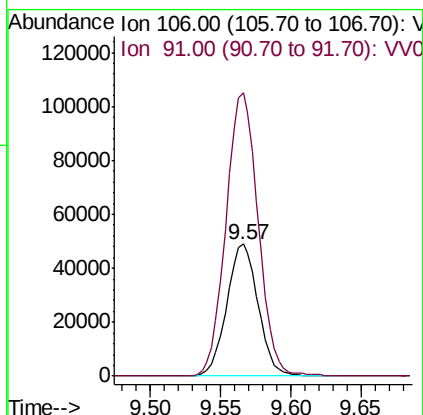
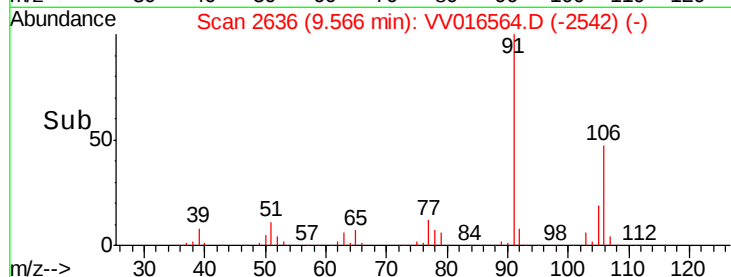
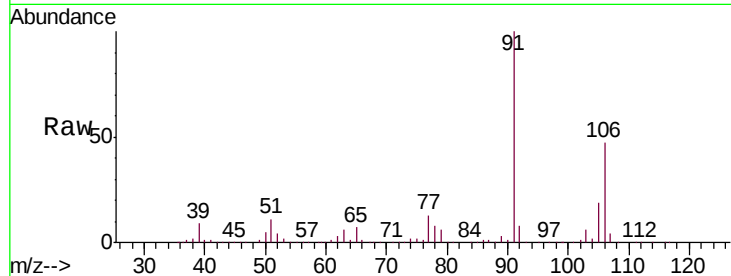
#54
o-xylene
Concen: 17.211 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016564.D
Acq: 06 Jun 2020 03:16

Instrument :
MSVOA_V
ClientSampled :
F9D94

Tgt Ion:106 Resp: 76254
Ion Ratio Lower Upper
106 100
91 214.3 152.5 283.1

Manual Integrations
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sam
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#56
Isopropylbenzene
Concen: 4.910 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016564.D
Acq: 06 Jun 2020 03:16

Tgt Ion:105 Resp: 56512
Ion Ratio Lower Upper
105 100
120 27.7 21.0 31.6
77 17.1 13.0 19.4

