

Data File : VV016566.D
Acq On : 06 Jun 2020 04:03
Operator : SY/MD
Sample : L2862-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D99

Manual Integrations
APPROVED

sam
6/6/2020 11:33:28 AM

Quant Time: Jun 06 07:31:01 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	401663	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	382761	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	192252	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	113676	39.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.92%
7) Chloroethane-d5	1.56	69	82316	40.08	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.16%
11) 1,1-Dichloroethene-d2	2.12	63	153579	30.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.90%
21) 2-Butanone-d5	3.90	46	181280	99.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.65%
24) Chloroform-d	4.37	84	235825	44.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.34%
26) 1,2-Dichloroethane-d4	5.07	65	169837	47.50	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
32) Benzene-d6	5.08	84	480078	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
36) 1,2-Dichloropropane-d6	6.09	67	145787	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.26%
41) Toluene-d8	7.34	98	441330	47.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.64	79	70201	45.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.18%
47) 2-Hexanone-d5	8.11	63	147506	107.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.81%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	190486	43.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.92%
64) 1,2-Dichlorobenzene-d4	11.65	152	180534	49.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.94%

Target Compounds

						Qvalue
13) Acetone	2.17	43	11484	6.755	ug/L	90
29) Cyclohexane	4.70	56	232106	51.092	ug/L	98
33) Benzene	5.12	78	34457262m	3060.980	ug/L	
35) Methylcyclohexane	6.15	83	13915	3.282	ug/L	91
40) 4-Methyl-2-pentanone	7.25	43	151038	37.411	ug/L	100
42) Toluene	7.41	91	7325889	614.158	ug/L	98
52) Ethylbenzene	9.04	91	7922236	610.218	ug/L	98
53) m,p-Xylene	9.16	106	561249	114.650	ug/L	99
54) o-xylene	9.57	106	767523	161.888	ug/L	99
56) Isopropylbenzene	9.95	105	198810	16.144	ug/L	99

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

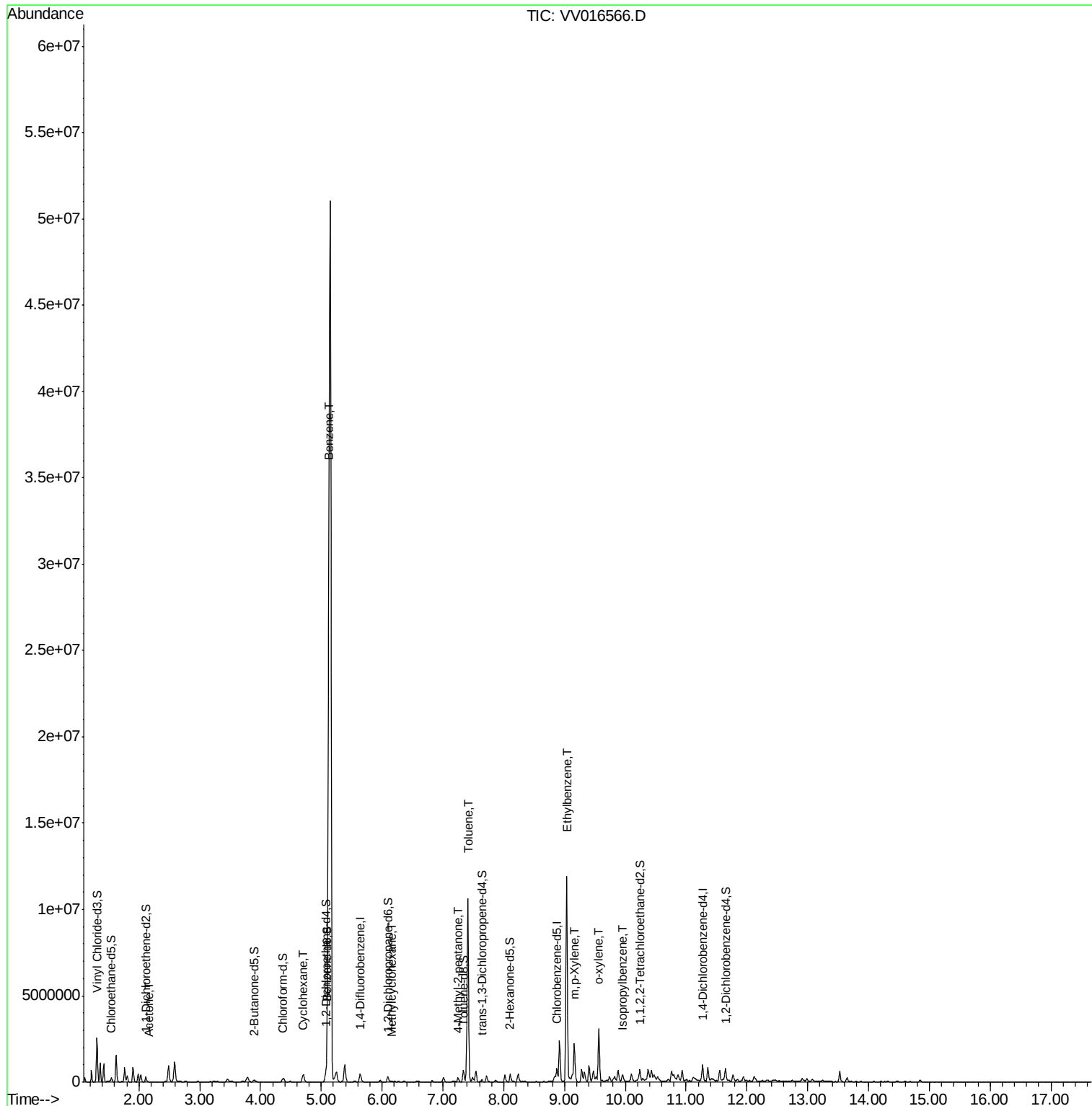
Data File : VV016566.D
Acq On : 06 Jun 2020 04:03
Operator : SY/MD
Sample : L2862-12
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ALS Vial : 45 Sample Multiplier: 1

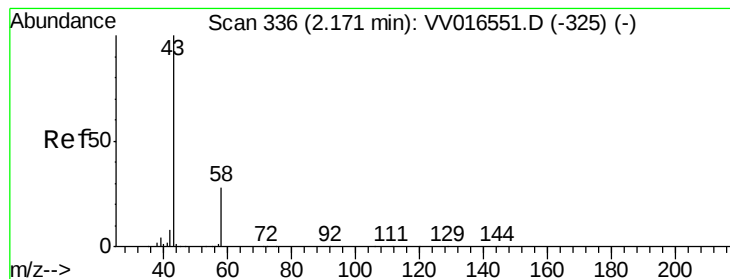
Instrument :
MSVOA_V
ClientSampleId :
F9D99

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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: 6.755 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016566.D

Acq: 06 Jun 2020 04:03

Instrument :

MSVOA_V

ClientSampleId :

F9D99

Tgt Ion: 43 Resp: 11484

Ion Ratio Lower Upper

43 100

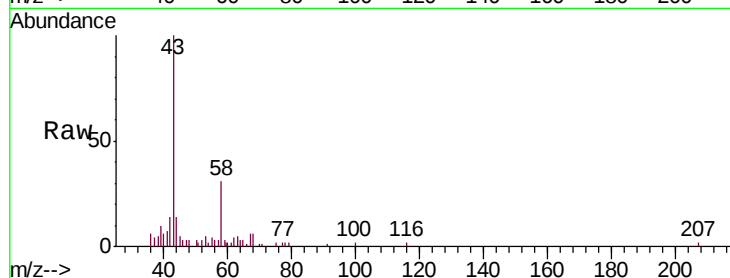
58 33.8 0.0 57.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

8000

6000

4000

2000

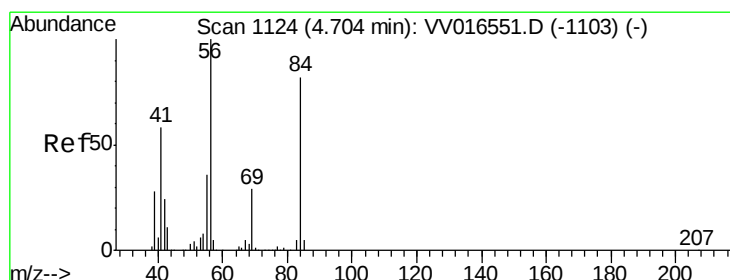
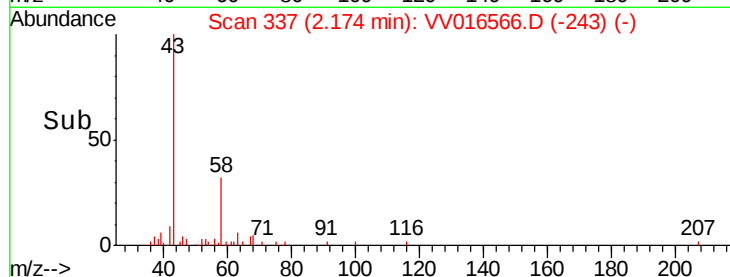
0

2.15

2.20

2.25

Time-->



#29

Cyclohexane

Concen: 51.092 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016566.D

Acq: 06 Jun 2020 04:03

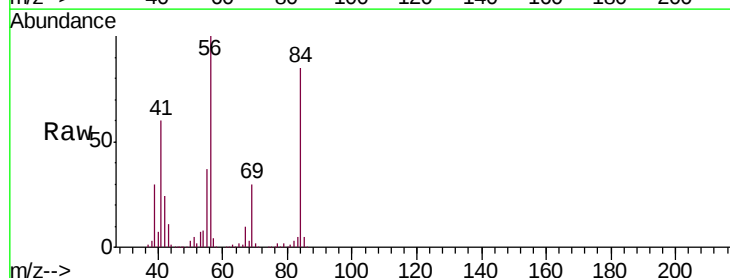
Tgt Ion: 56 Resp: 232106

Ion Ratio Lower Upper

56 100

69 31.2 23.9 35.9

84 86.6 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

120000

100000

80000

60000

40000

20000

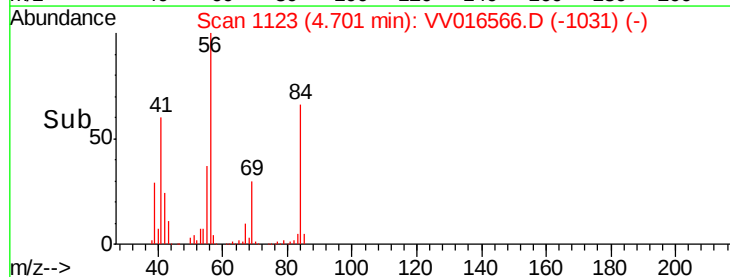
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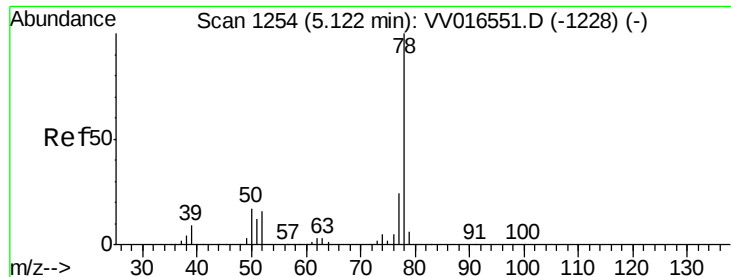
4.60

4.70

4.80

Time-->





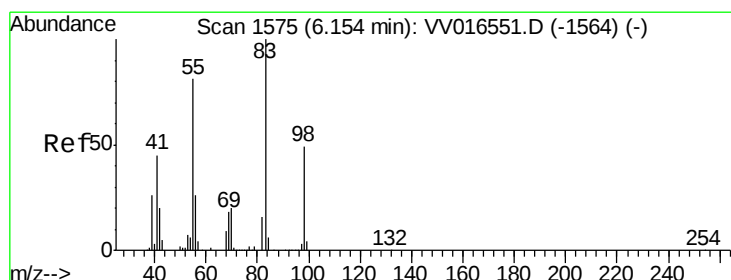
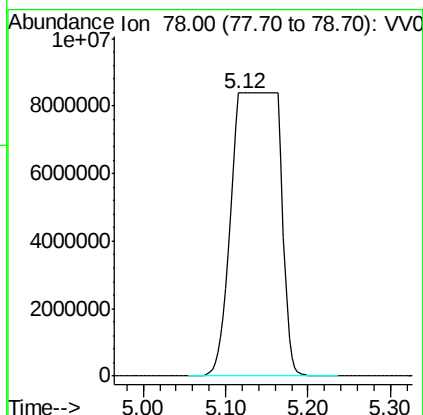
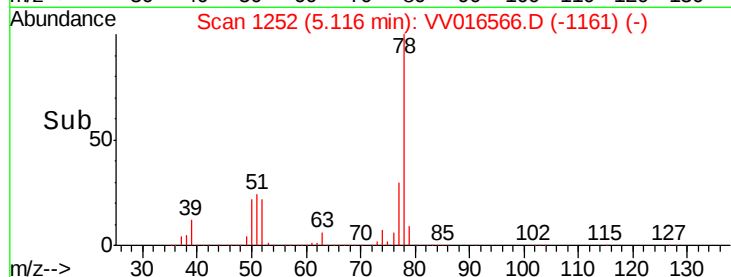
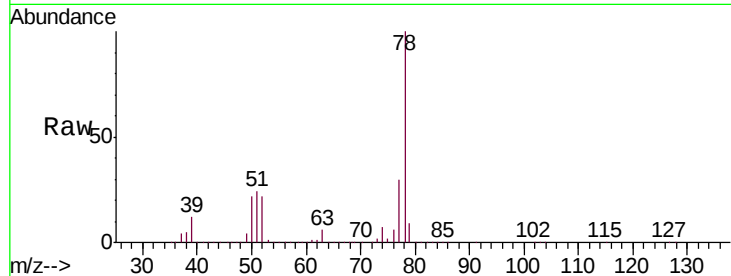
#33
Benzene
Concen: 3060.980 ug/L m
RT: 5.12 min Scan# 1252
Delta R.T. -0.01 min
Lab File: VV016566.D
Acq: 06 Jun 2020 04:03

Instrument :
MSVOA_V
ClientSampleId :
F9D99

Tgt Ion: 78 Resp:34457262

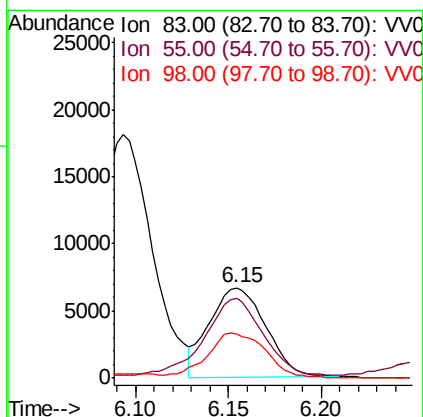
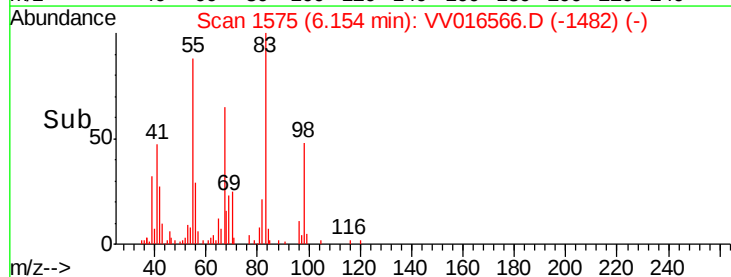
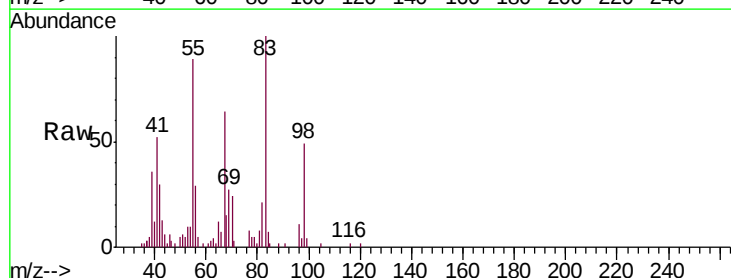
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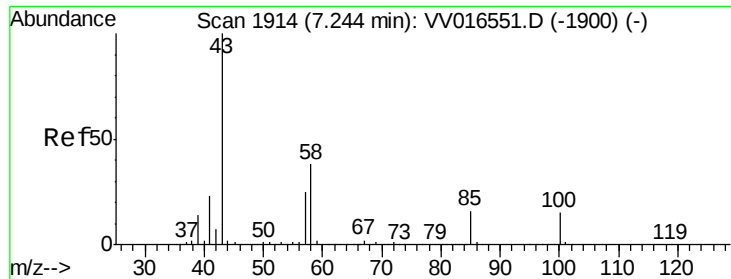
sam
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#35
Methylcyclohexane
Concen: 3.282 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VV016566.D
Acq: 06 Jun 2020 04:03

Tgt Ion: 83 Resp: 13915
Ion Ratio Lower Upper
83 100
55 88.5 63.4 95.0
98 53.2 39.4 59.0





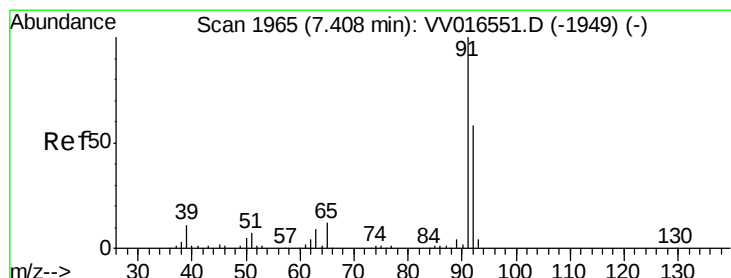
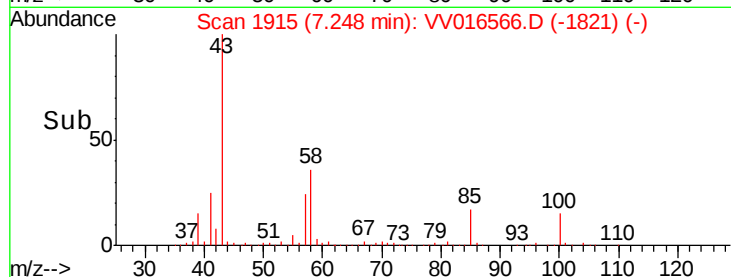
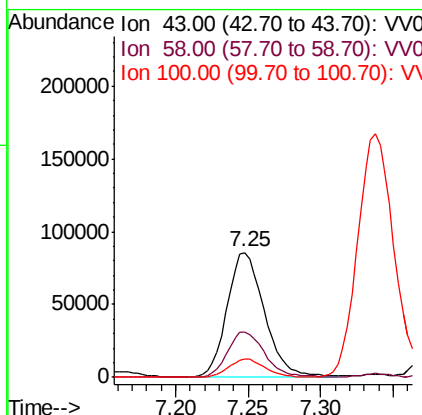
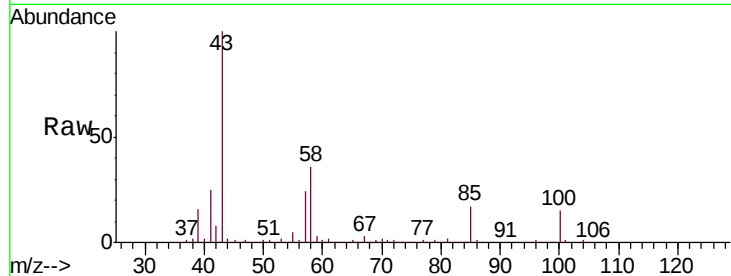
#40
4-Methyl-2-pentanone
Concen: 37.411 ug/L
RT: 7.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VV016566.D
Acq: 06 Jun 2020 04:03

Instrument :
MSVOA_V
ClientSampled :
F9D99

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.2	29.9	44.9
100	15.1	11.9	17.9

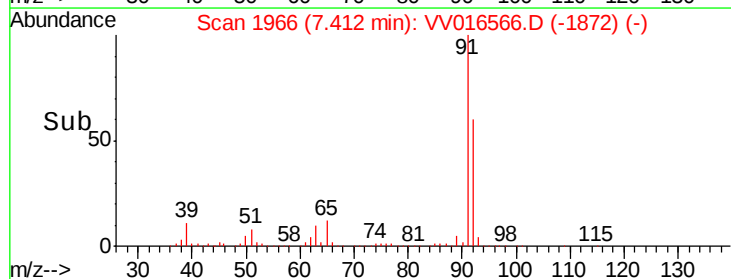
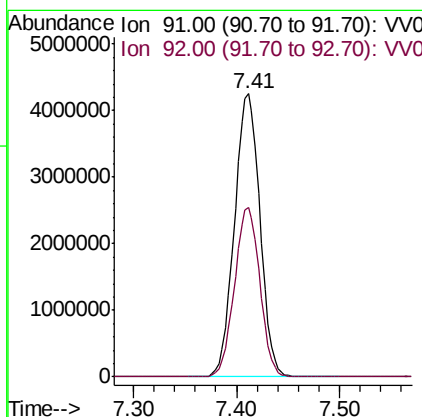
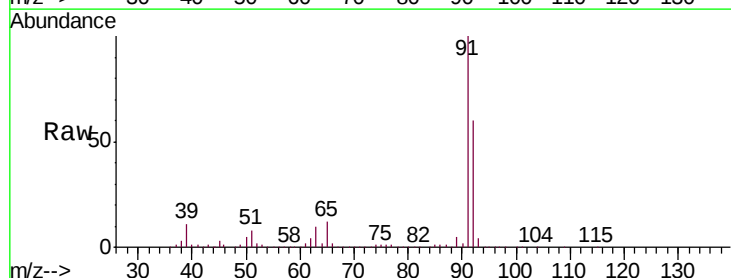
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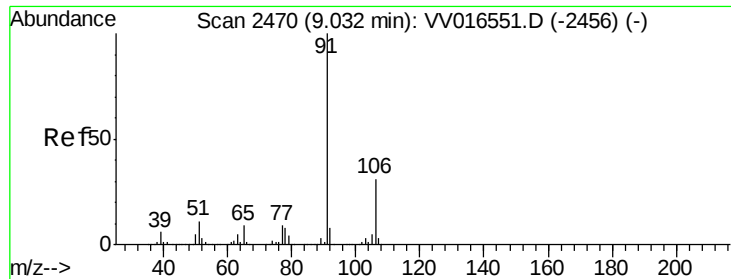
sam
6/6/2020 11:33:28 AM



#42
Toluene
Concen: 614.158 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016566.D
Acq: 06 Jun 2020 04:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.1	40.9	75.9





#52

Ethylbenzene

Concen: 610.218 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016566.D

Acq: 06 Jun 2020 04:03

Instrument :

MSVOA_V

ClientSampled :

F9D99

Tgt Ion: 91 Resp: 7922236

Ion Ratio Lower Upper

91 100

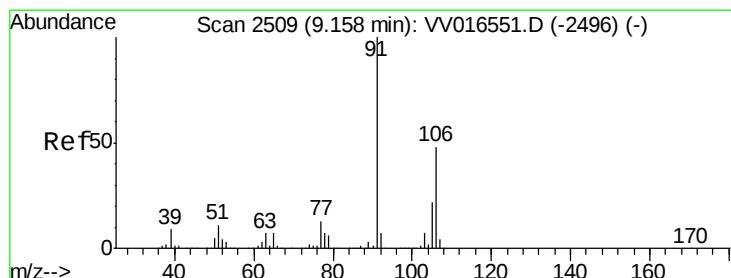
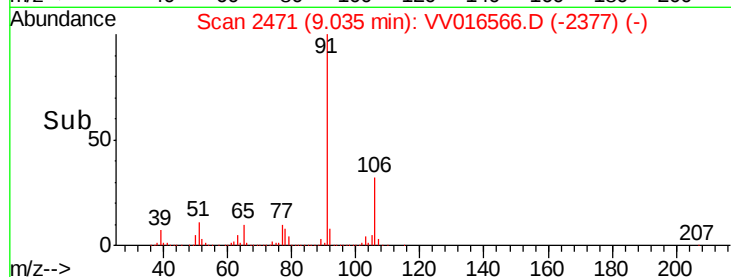
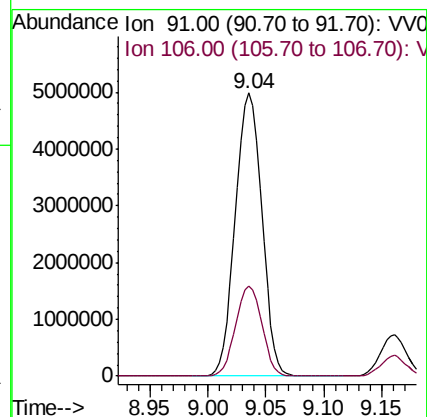
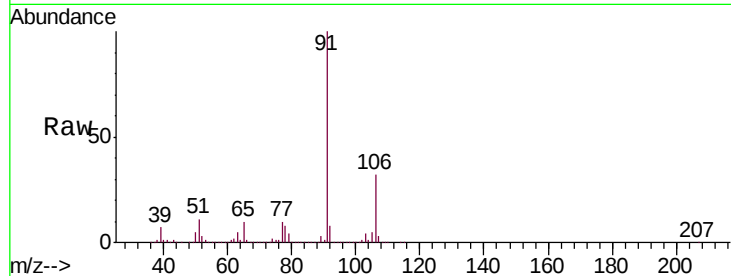
106 32.0 21.8 40.4

Manual Integrations

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sam

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#53

m,p-Xylene

Concen: 114.650 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016566.D

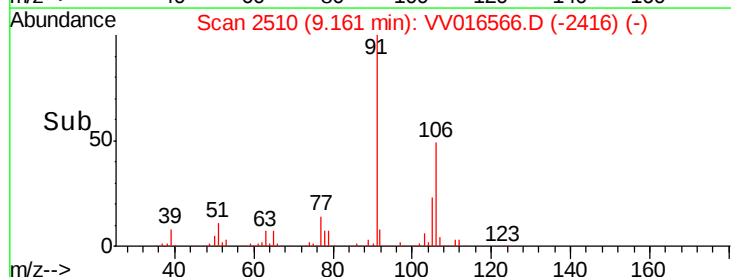
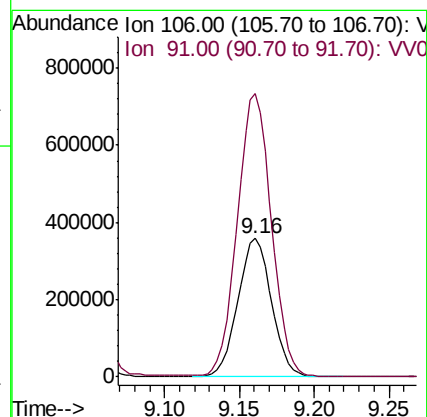
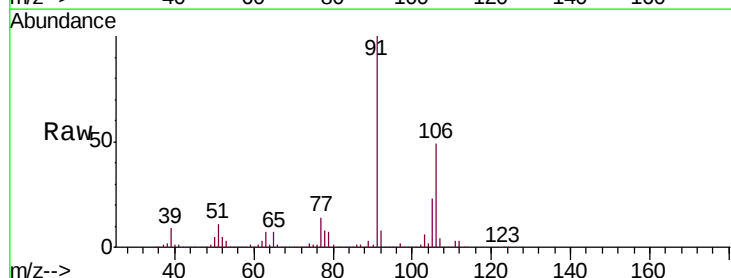
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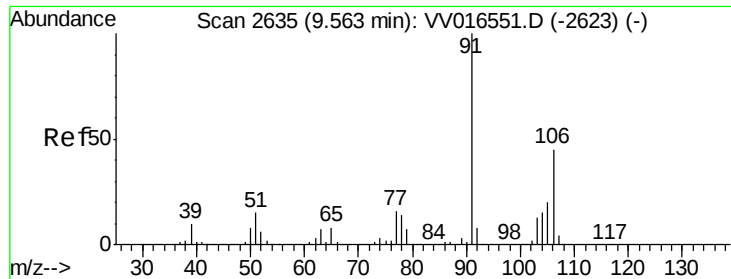
Tgt Ion: 106 Resp: 561249

Ion Ratio Lower Upper

106 100

91 204.5 142.5 264.6





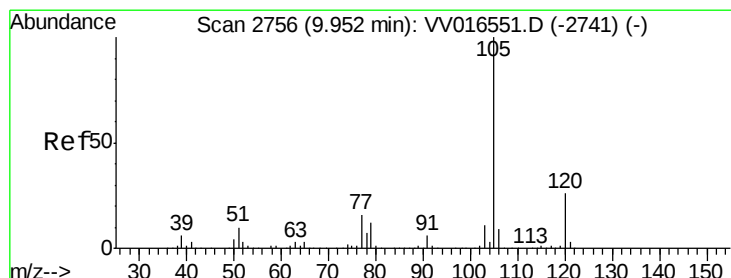
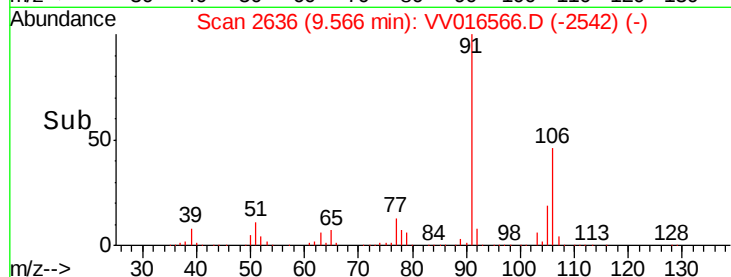
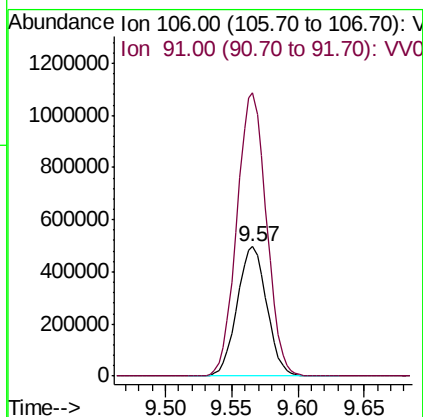
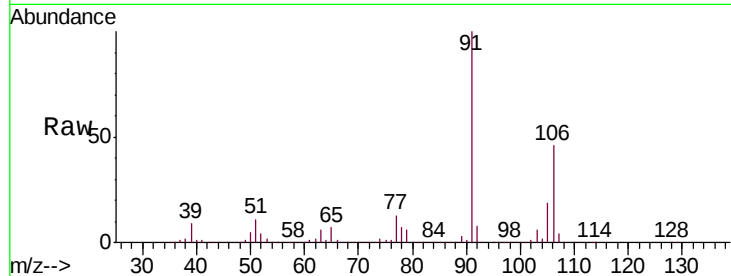
#54
o-xylene
Concen: 161.888 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV016566.D
Acq: 06 Jun 2020 04:03

Instrument :
MSVOA_V
ClientSampleId :
F9D99

Tgt Ion:106 Resp: 767523
Ion Ratio Lower Upper
106 100
91 218.8 152.5 283.1

Manual Integrations
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sam
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#56
Isopropylbenzene
Concen: 16.144 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV016566.D
Acq: 06 Jun 2020 04:03

Tgt Ion:105 Resp: 198810
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.6
77 16.3 13.0 19.4

