

Data File : VV016565.D
Acq On : 06 Jun 2020 03:40
Operator : SY/MD
Sample : L2862-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D97

Manual Integrations
APPROVED

sam
6/6/2020 11:33:24 AM

Quant Time: Jun 06 07:27:58 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	387314	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	370167	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181945	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	118802	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.62%
7) Chloroethane-d5	1.56	69	86422	43.64	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.28%
11) 1,1-Dichloroethene-d2	2.12	63	161478	33.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.42%
21) 2-Butanone-d5	3.90	46	194101	110.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.66%
24) Chloroform-d	4.37	84	247068	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
26) 1,2-Dichloroethane-d4	5.06	65	180632	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.80%
32) Benzene-d6	5.08	84	498381	50.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.52%
36) 1,2-Dichloropropane-d6	6.09	67	152028	49.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.42%
41) Toluene-d8	7.34	98	463024	51.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.84%
43) trans-1,3-Dichloropropene-	7.64	79	73747	48.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.96%
47) 2-Hexanone-d5	8.11	63	152842	115.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.51%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193993	46.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	185575	54.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.54%

Target Compounds

						Qvalue
13) Acetone	2.17	43	8018	4.891	ug/L	98
29) Cyclohexane	4.70	56	253681	57.741	ug/L	99
33) Benzene	5.12	78	34612669m	3179.397	ug/L	
35) Methylcyclohexane	6.15	83	16419	4.004	ug/L	89
40) 4-Methyl-2-pentanone	7.25	43	150123	38.450	ug/L	99
42) Toluene	7.41	91	7397321	641.245	ug/L	97
52) Ethylbenzene	9.04	91	7970109	634.792	ug/L	98
53) m,p-Xylene	9.16	106	570179	120.437	ug/L	100
54) o-xylene	9.57	106	777896	169.658	ug/L	98
56) Isopropylbenzene	9.95	105	207300	17.406	ug/L	99

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

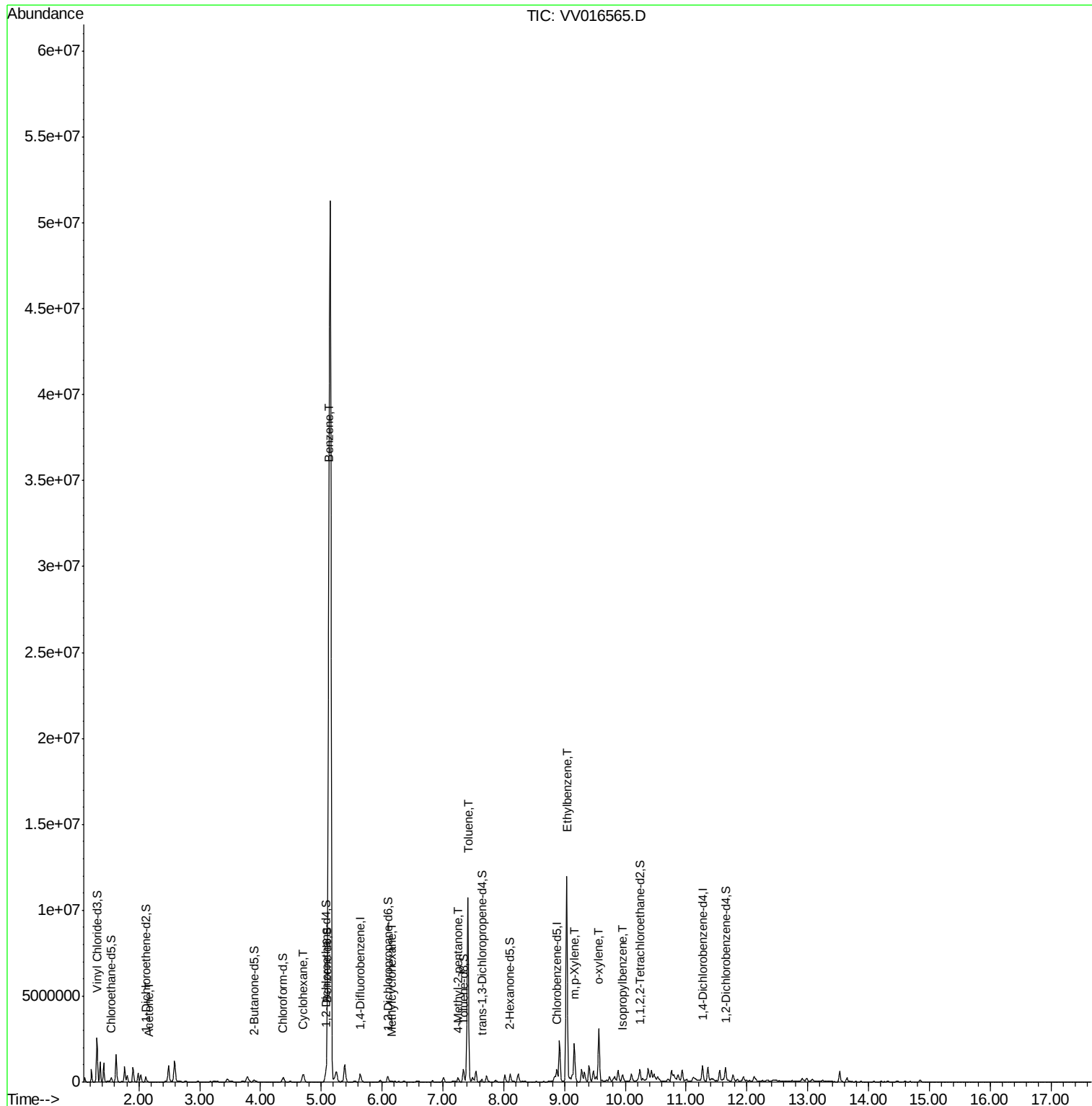
Data File : VV016565.D
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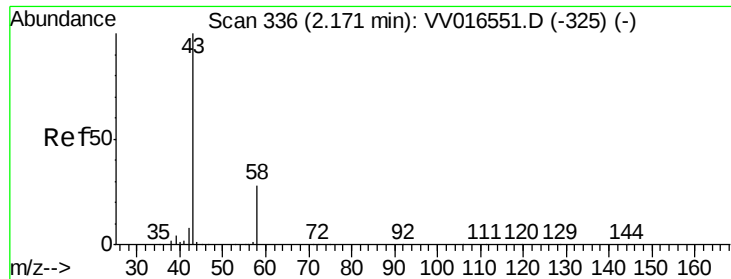
Instrument :
MSVOA_V
ClientSampleId :
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Quant Title : VOC Analysis
QLast Update : Sat Jun 06 06:28:49 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.891 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016565.D

Acq: 06 Jun 2020 03:40

Instrument :

MSVOA_V

ClientSampled :

F9D97

Tgt Ion: 43 Resp: 8018

Ion Ratio Lower Upper

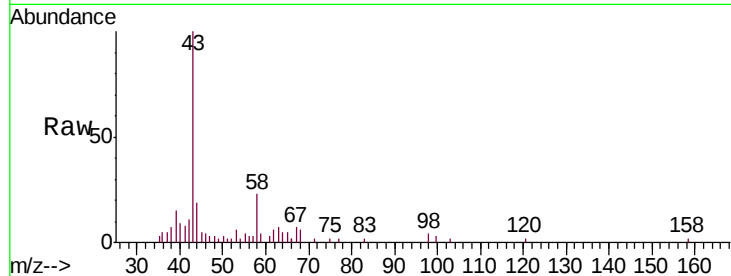
43 100

58 27.3 0.0 57.2

Manual Integrations
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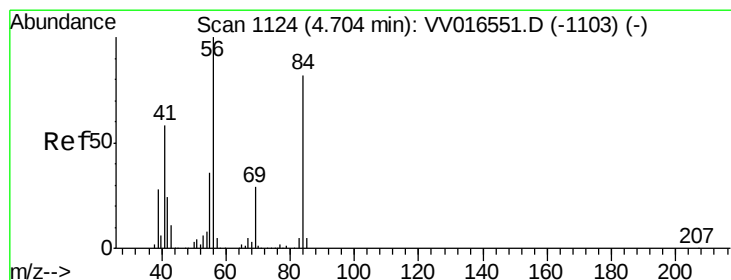
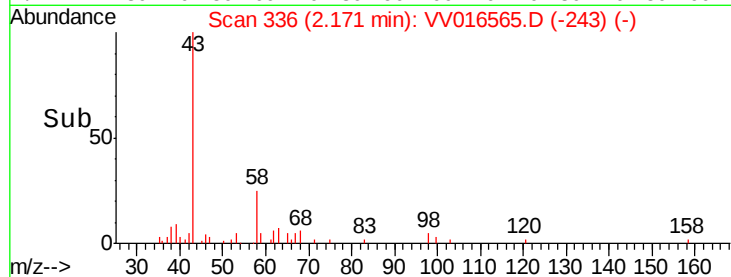
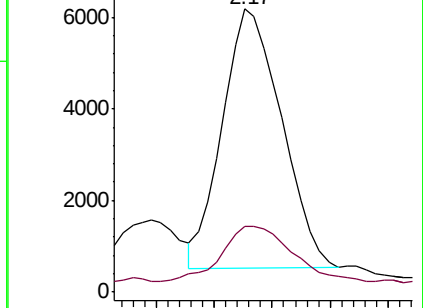
sam

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

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



#29

Cyclohexane

Concen: 57.741 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VV016565.D

Acq: 06 Jun 2020 03:40

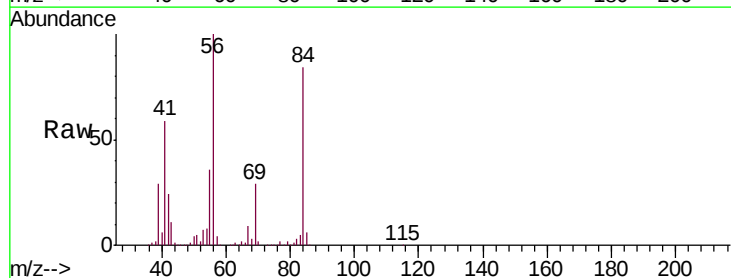
Tgt Ion: 56 Resp: 253681

Ion Ratio Lower Upper

56 100

69 30.1 23.9 35.9

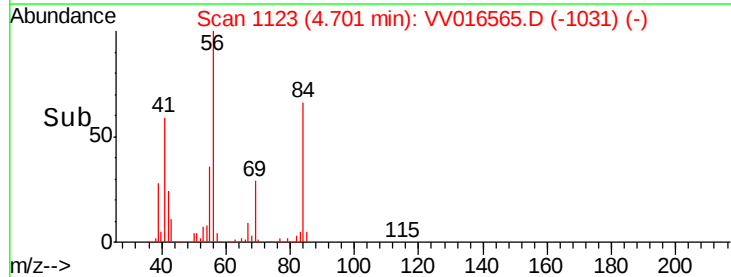
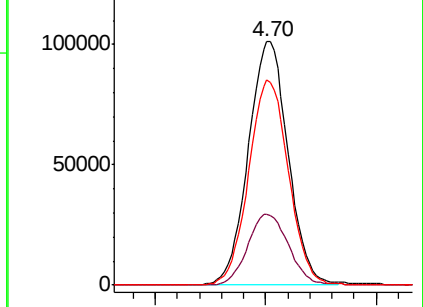
84 84.2 68.2 102.2

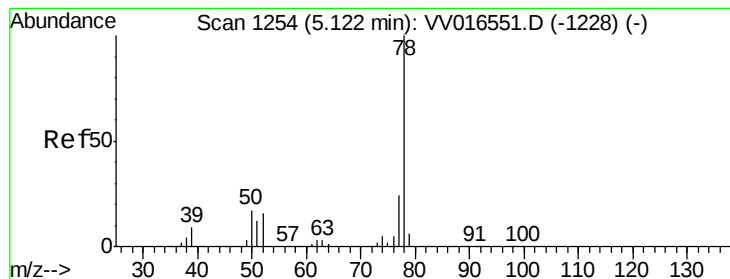


Abundance Ion 56.00 (55.70 to 56.70): VV016551.D (-1103) (-)

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

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





#33

Benzene

Concen: 3179.397 ug/L m

RT: 5.12 min Scan# 1252

Delta R.T. -0.01 min

Lab File: VV016565.D

Acq: 06 Jun 2020 03:40

Instrument :

MSVOA_V

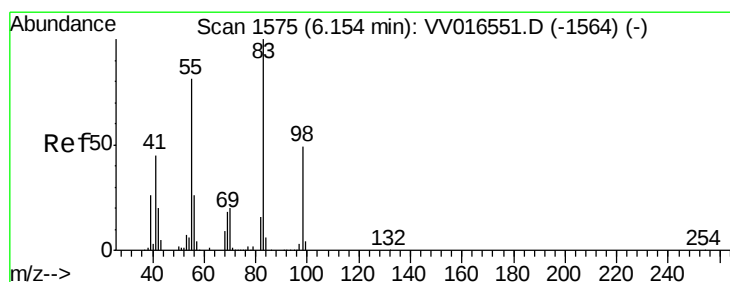
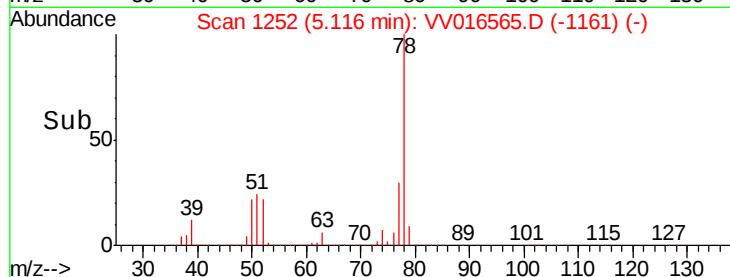
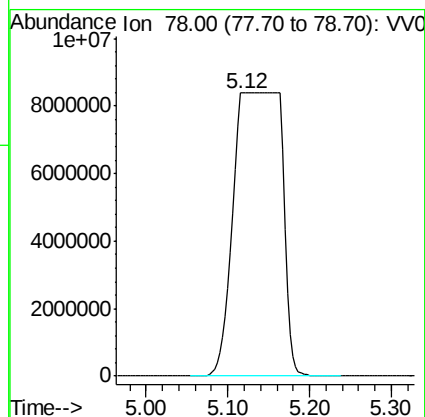
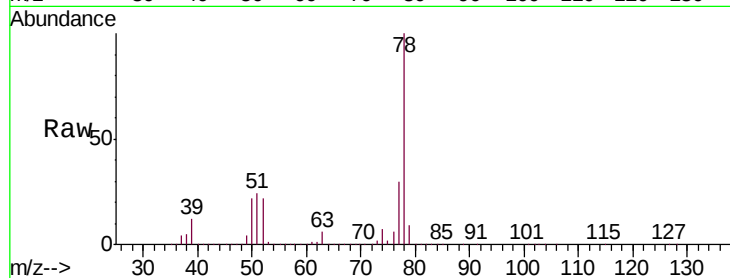
ClientSampleId :

F9D97

Tgt Ion: 78 Resp:34612669

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#35

Methylcyclohexane

Concen: 4.004 ug/L

RT: 6.15 min Scan# 1575

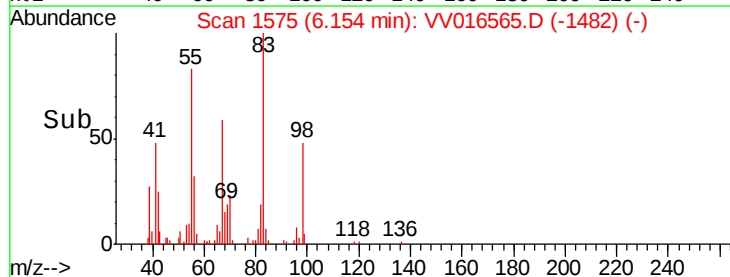
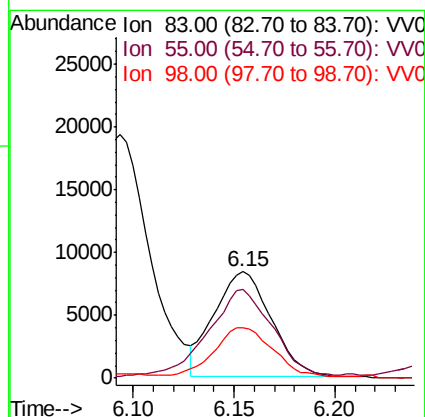
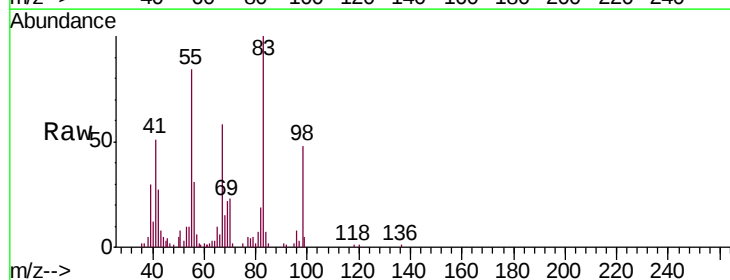
Delta R.T. -0.00 min

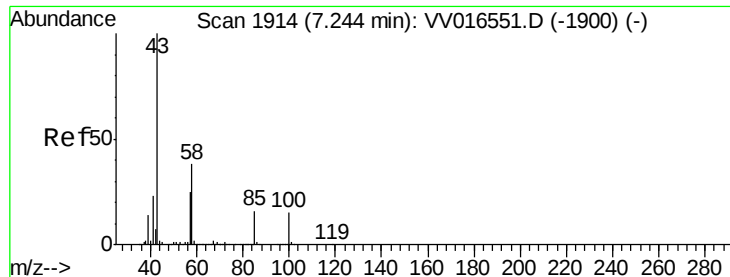
Lab File: VV016565.D

Acq: 06 Jun 2020 03:40

Tgt Ion: 83 Resp: 16419

Ion	Ratio	Lower	Upper
83	100		
55	92.8	63.4	95.0
98	51.3	39.4	59.0





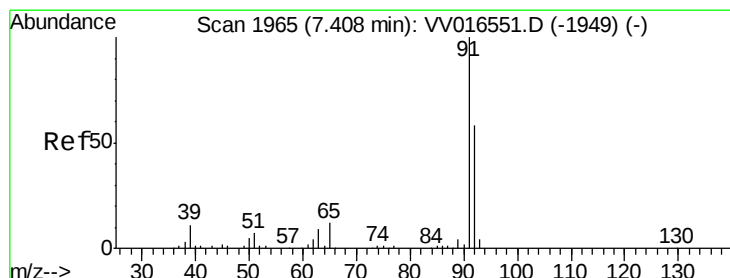
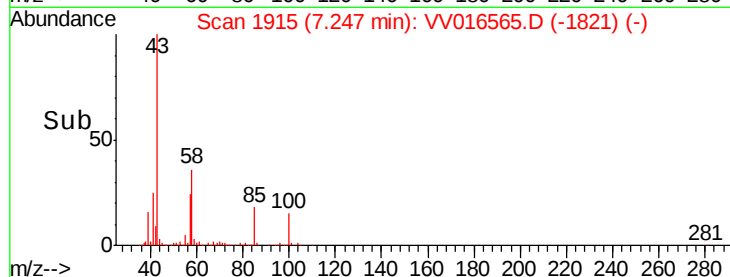
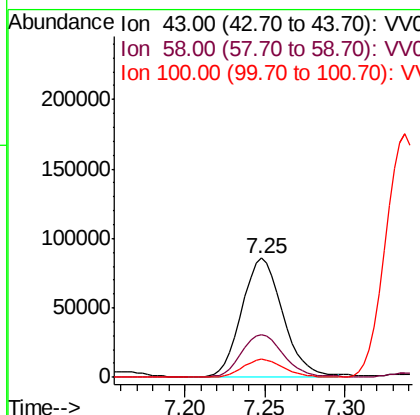
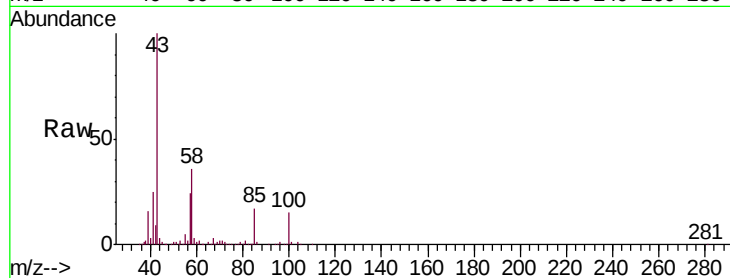
#40
4-Methyl-2-pentanone
Concen: 38.450 ug/L
RT: 7.25 min Scan# 1915
Delta R.T. 0.00 min
Lab File: VV016565.D
Acq: 06 Jun 2020 03:40

Instrument :
MSVOA_V
ClientSampleId :
F9D97

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.9	44.9
100	15.3	11.9	17.9

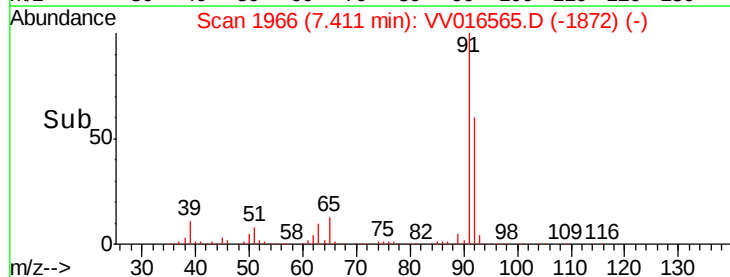
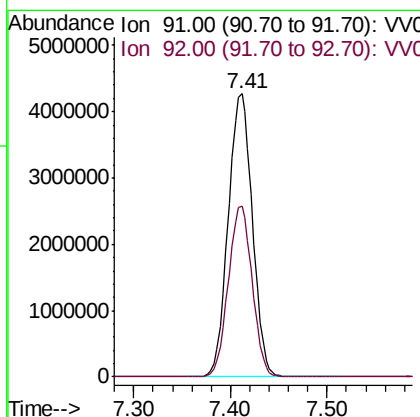
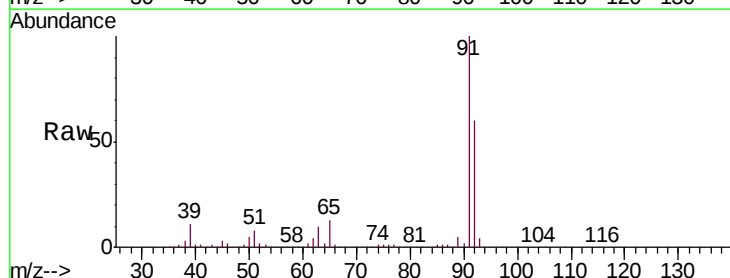
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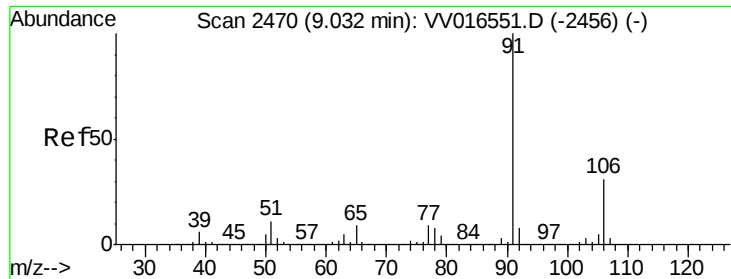
sam
6/6/2020 11:33:24 AM



#42
Toluene
Concen: 641.245 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016565.D
Acq: 06 Jun 2020 03:40

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.4	40.9	75.9





#52

Ethylbenzene

Concen: 634.792 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016565.D

Acq: 06 Jun 2020 03:40

Instrument :

MSVOA_V

ClientSampleId :

F9D97

Tgt Ion: 91 Resp: 7970109

Ion Ratio Lower Upper

91 100

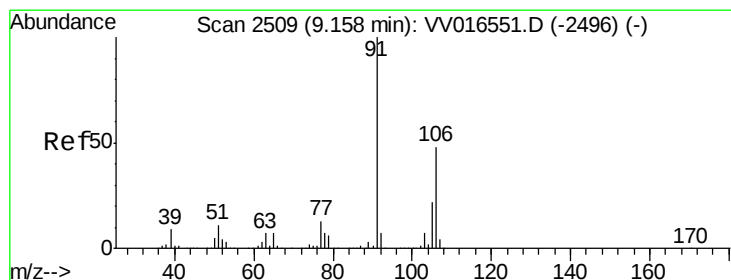
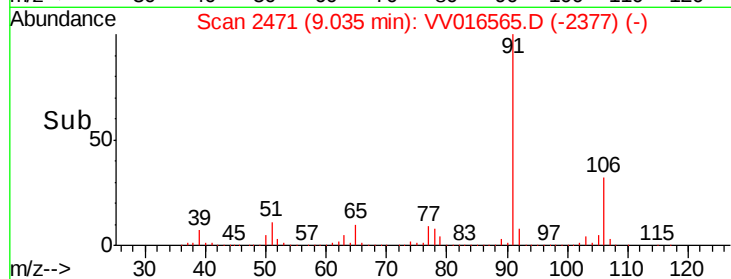
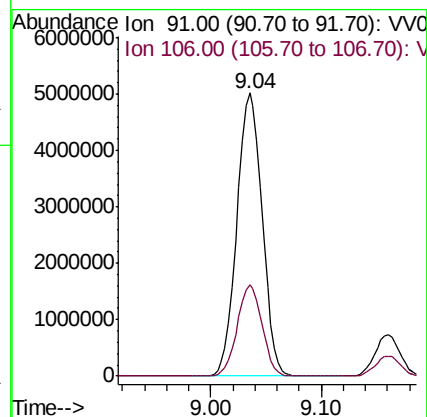
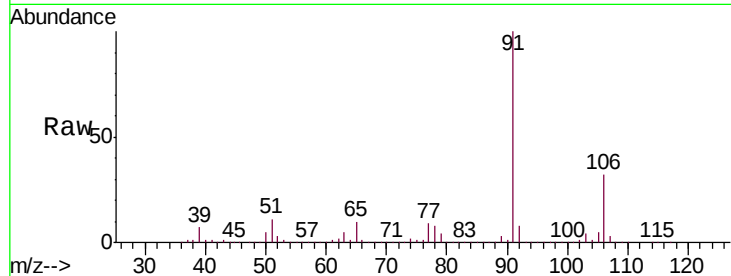
106 32.2 21.8 40.4

Manual Integrations

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#53

m,p-Xylene

Concen: 120.437 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016565.D

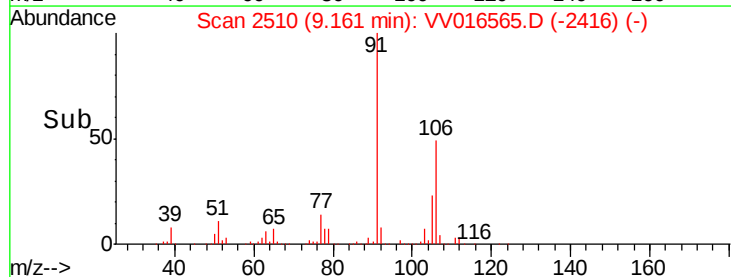
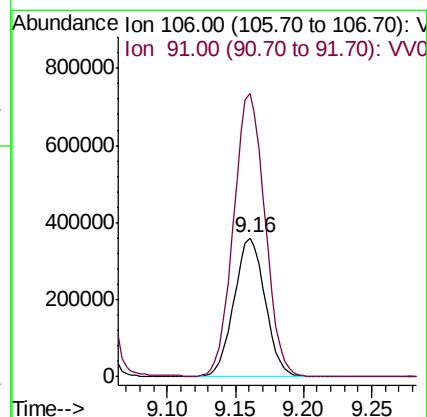
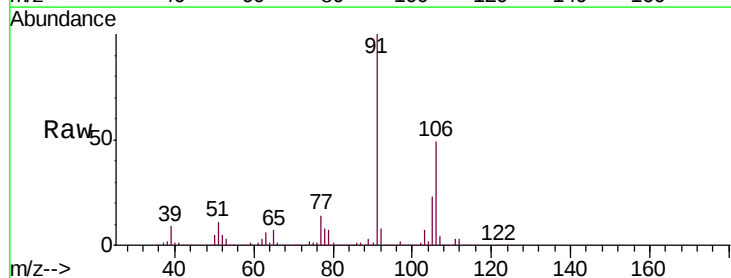
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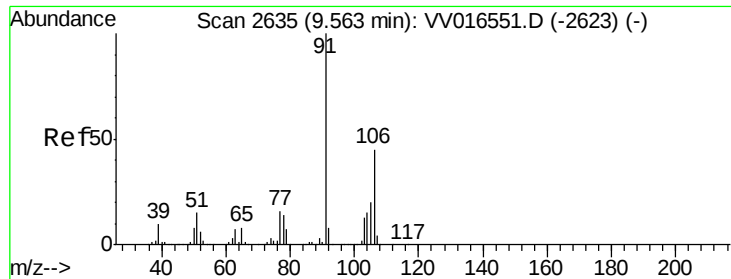
Tgt Ion: 106 Resp: 570179

Ion Ratio Lower Upper

106 100

91 203.8 142.5 264.6





#54

o-xylene

Concen: 169.658 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV016565.D

Acq: 06 Jun 2020 03:40

Instrument :

MSVOA_V

ClientSampleId :

F9D97

Tgt Ion:106 Resp: 777896

Ion Ratio Lower Upper

106 100

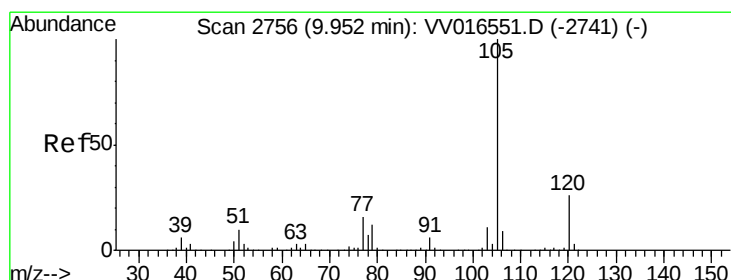
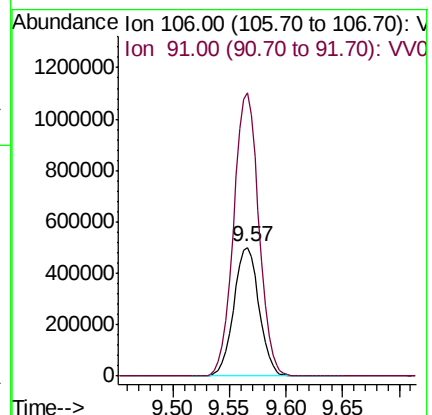
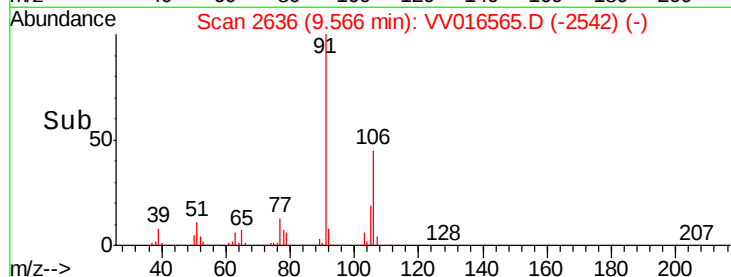
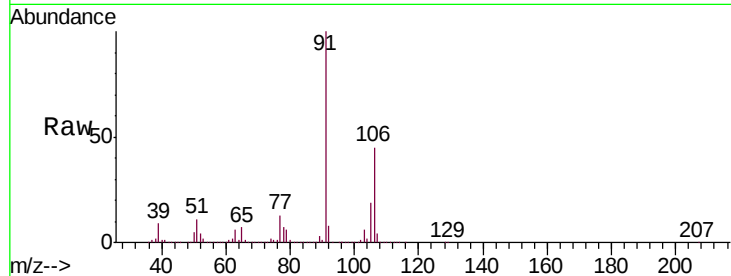
91 220.3 152.5 283.1

Manual Integrations

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sam

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#56

Isopropylbenzene

Concen: 17.406 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV016565.D

Acq: 06 Jun 2020 03:40

Tgt Ion:105 Resp: 207300

Ion Ratio Lower Upper

105 100

120 26.8 21.0 31.6

77 16.2 13.0 19.4

