

Data File : VV016537.D
Acq On : 05 Jun 2020 15:42
Operator : SY/MD
Sample : L2861-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9E41

Manual Integrations
APPROVED

sam
6/6/2020 11:33:41 AM

Quant Time: Jun 06 02:20:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	397802	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	390206	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	198714	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	110169	39.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.20%
7) Chloroethane-d5	1.56	69	77392	38.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.10%
11) 1,1-Dichloroethene-d2	2.12	63	144710	28.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.94%#
21) 2-Butanone-d5	3.90	46	166094	92.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.19%
24) Chloroform-d	4.38	84	218771	41.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.74%
26) 1,2-Dichloroethane-d4	5.07	65	163803	46.26	ug/L	0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.08	84	442858	42.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.74%
36) 1,2-Dichloropropane-d6	6.10	67	134715	41.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.72%
41) Toluene-d8	7.35	98	414971	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.65	79	60129	37.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.76%
47) 2-Hexanone-d5	8.11	63	129343	92.73	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.73%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	171530	38.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.66%
64) 1,2-Dichlorobenzene-d4	11.65	152	166698	44.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.28%

Target Compounds

						Qvalue
13) Acetone	2.17	43	8758	5.201	ug/L	100
22) 2-Butanone	4.00	43	10520m	5.035	ug/L	
29) Cyclohexane	4.70	56	758362	163.749	ug/L	99
33) Benzene	5.12	78	35915569m	3129.653	ug/L	
35) Methylcyclohexane	6.15	83	121926	28.209	ug/L	97
42) Toluene	7.41	91	35855939m	2948.589	ug/L	
52) Ethylbenzene	9.04	91	21894062m	1654.236	ug/L	
53) m,p-Xylene	9.17	106	6245137	1251.390	ug/L	92
54) o-xylene	9.57	106	5499717	1137.882	ug/L	92
56) Isopropylbenzene	9.96	105	793119	63.175	ug/L	100

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

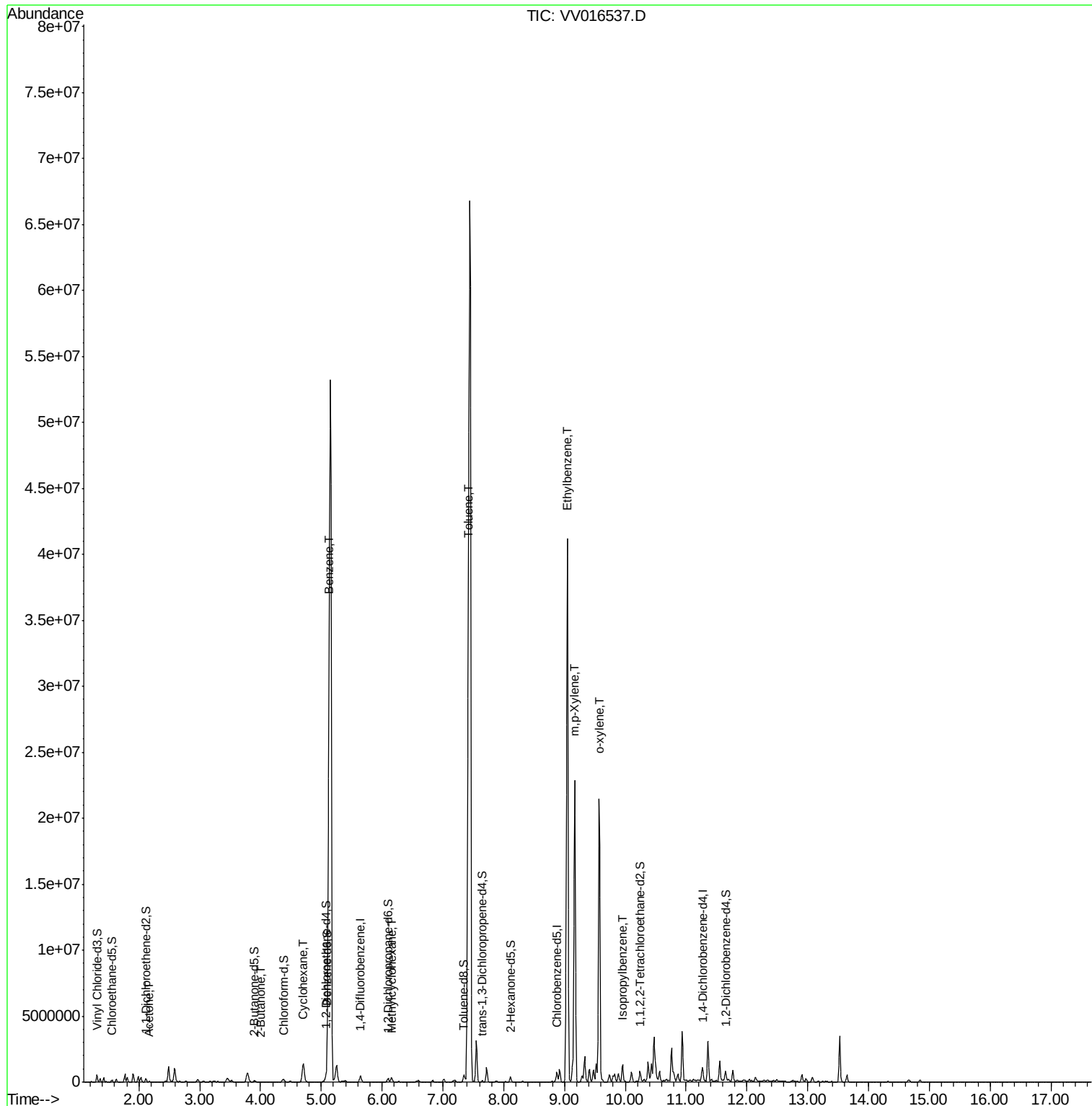
Data File : VV016537.D
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ALS Vial : 15 Sample Multiplier: 1

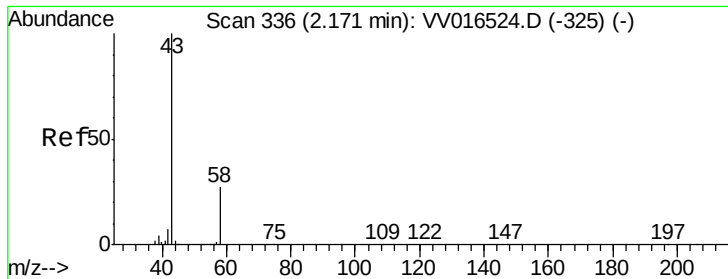
Instrument :
MSVOA_V
ClientSampleId :
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sam
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Quant Time: Jun 06 02:20:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 06 00:07:58 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.201 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016537.D

Acq: 05 Jun 2020 15:42

Instrument :

MSVOA_V

ClientSampleId :

F9E41

Tgt Ion: 43 Resp: 8758

Ion Ratio Lower Upper

43 100

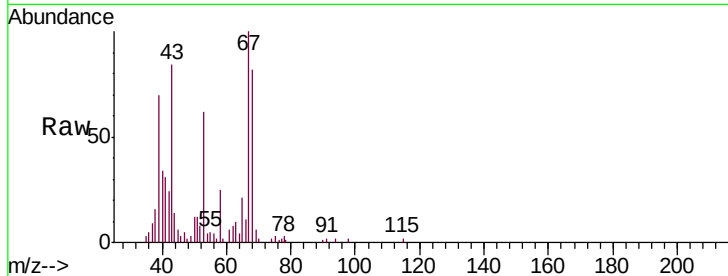
58 28.8 0.0 57.2

Manual Integrations

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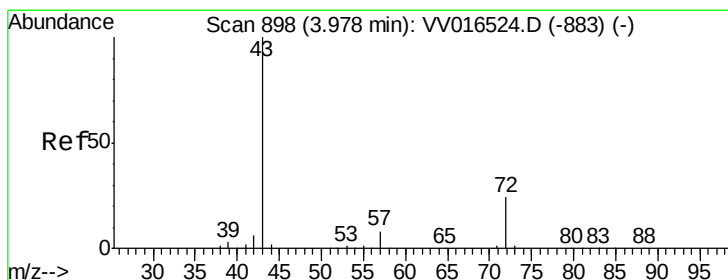
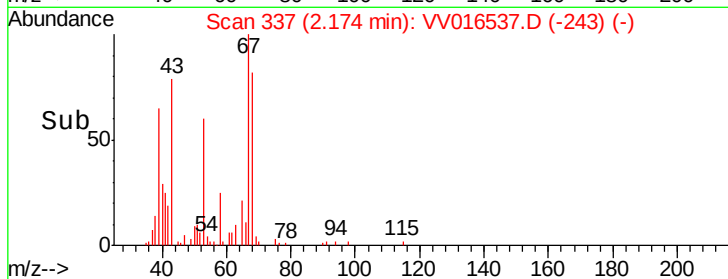
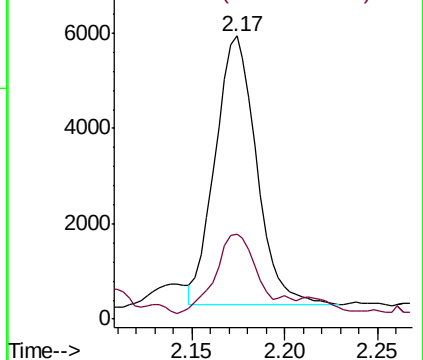
sam

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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#22

2-Butanone

Concen: 5.035 ug/L m

RT: 4.00 min Scan# 906

Delta R.T. 0.03 min

Lab File: VV016537.D

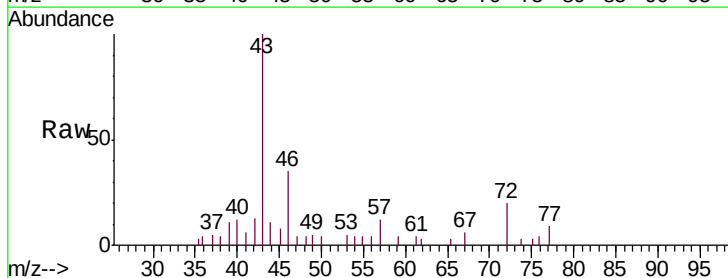
Acq: 05 Jun 2020 15:42

Tgt Ion: 43 Resp: 10520

Ion Ratio Lower Upper

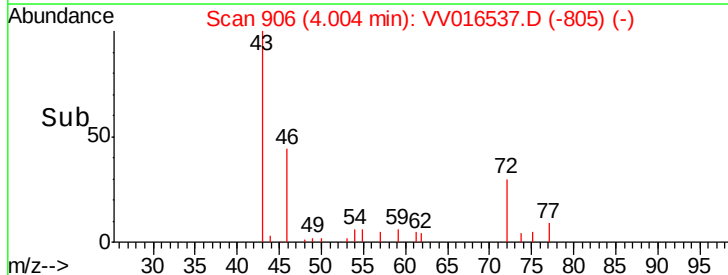
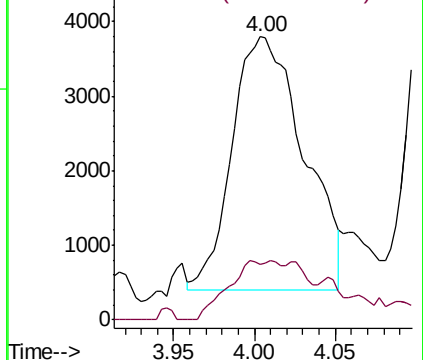
43 100

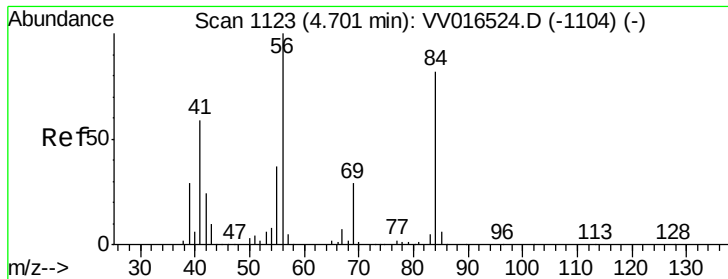
72 0.6 12.8 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0





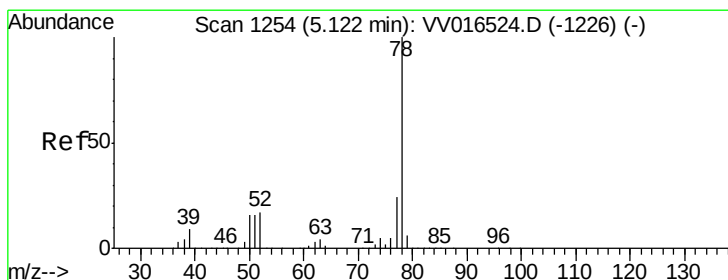
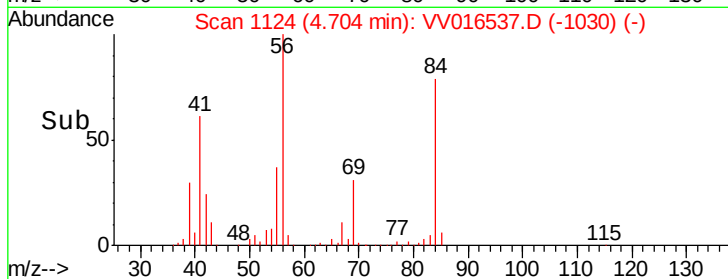
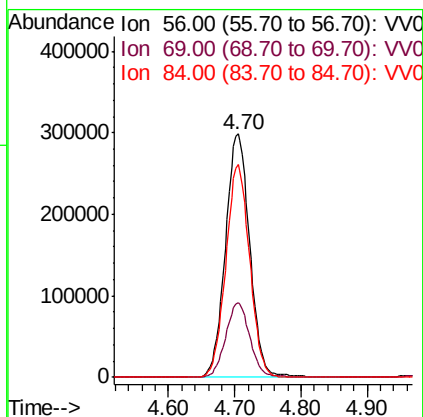
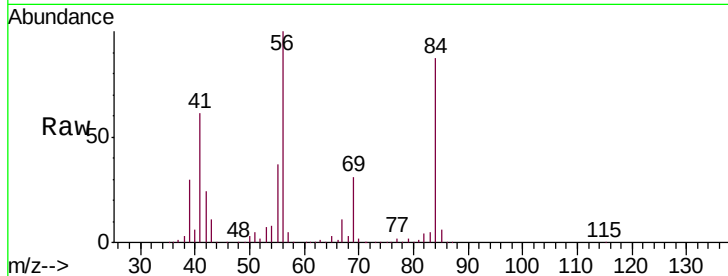
#29
Cyclohexane
Concen: 163.749 ug/L
RT: 4.70 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VV016537.D
Acq: 05 Jun 2020 15:42

Instrument :
MSVOA_V
ClientSampleId :
F9E41

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.9	35.9
84	85.6	68.2	102.2

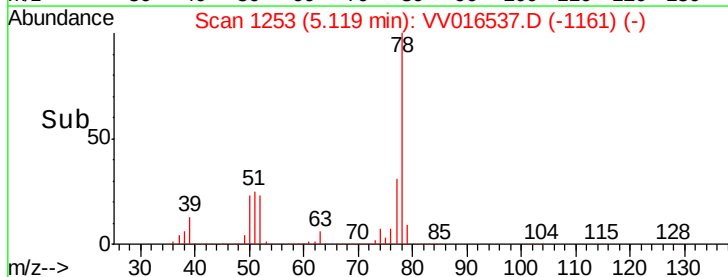
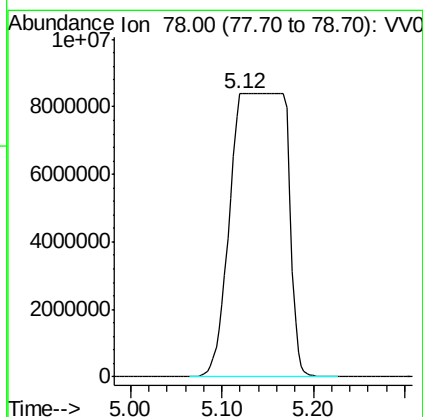
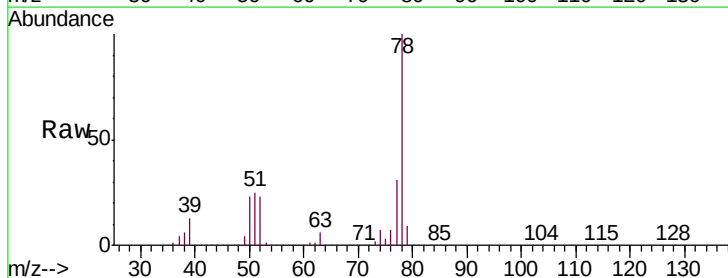
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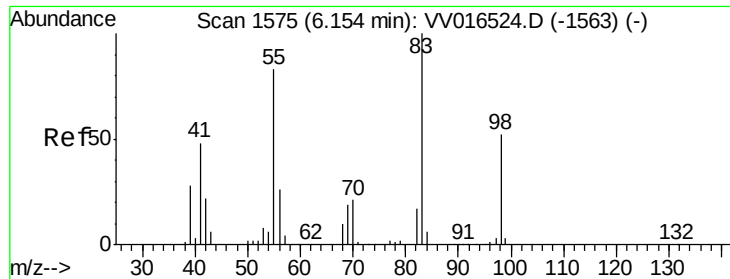
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#33
Benzene
Concen: 3129.653 ug/L m
RT: 5.12 min Scan# 1253
Delta R.T. -0.00 min
Lab File: VV016537.D
Acq: 05 Jun 2020 15:42

Tgt Ion: 78 Resp:35915569





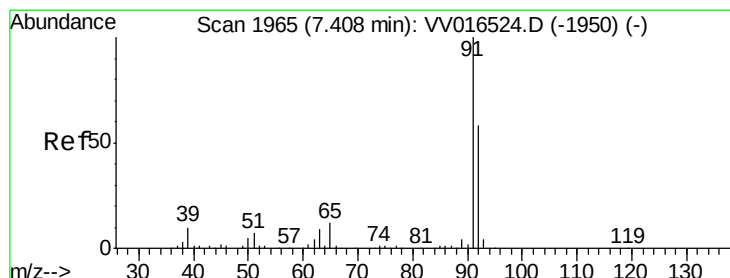
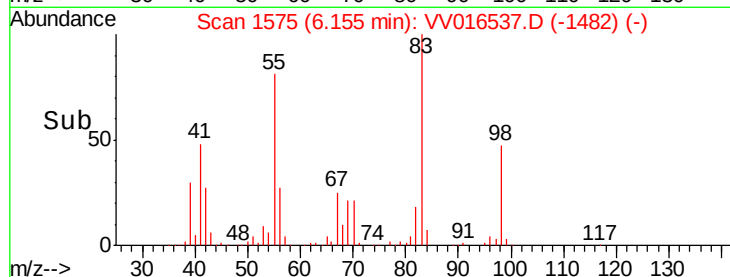
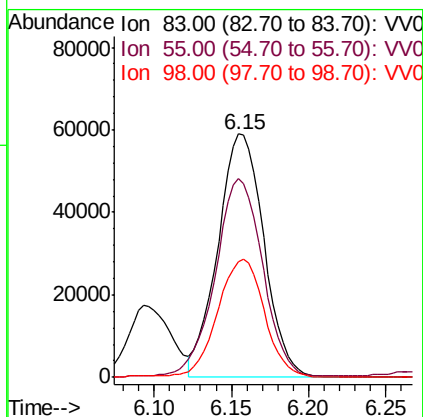
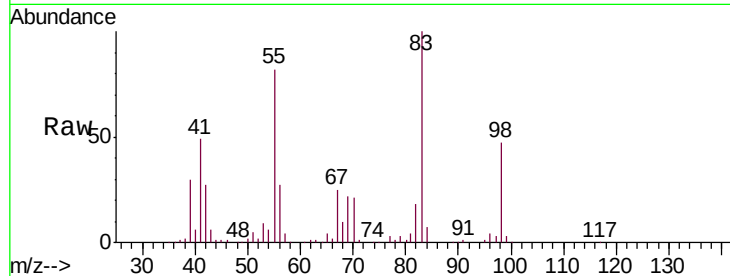
#35
Methylcyclohexane
Concen: 28.209 ug/L
RT: 6.15 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VV016537.D
Acq: 05 Jun 2020 15:42

Instrument :
MSVOA_V
ClientSampleId :
F9E41

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	121926		
55	83.3	63.4	95.0	
98	49.5	39.4	59.0	

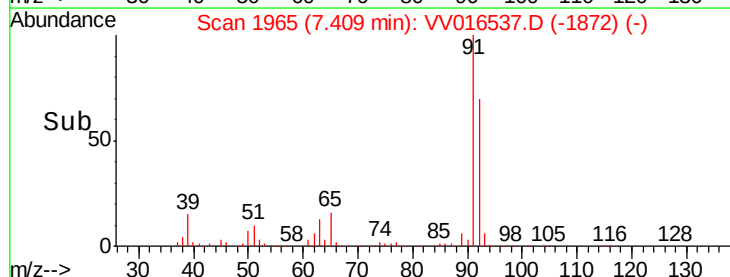
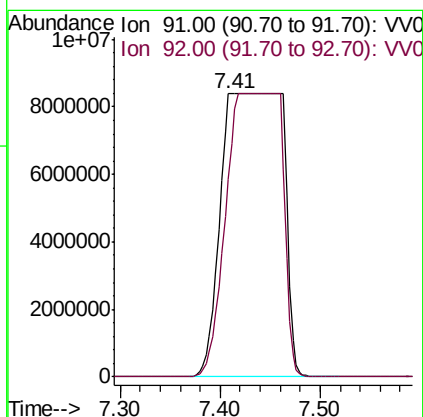
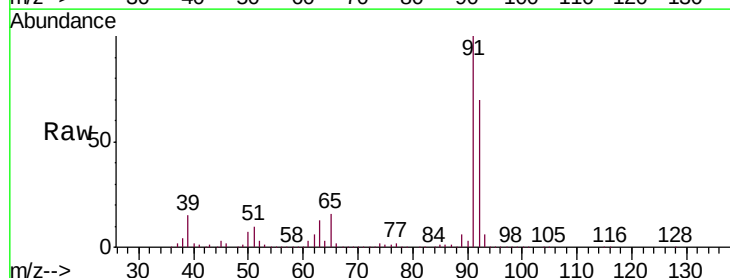
Manual Integrations
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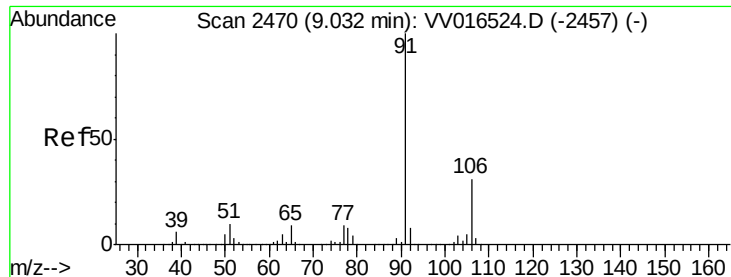
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#42
Toluene
Concen: 2948.589 ug/L m
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV016537.D
Acq: 05 Jun 2020 15:42

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	35855939		
92	69.8	40.9	75.9	





#52

Ethylbenzene

Concen: 1654.236 ug/L m

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016537.D

Acq: 05 Jun 2020 15:42

Instrument :

MSVOA_V

ClientSampleId :

F9E41

Tgt Ion: 91 Resp: 21894062

Ion Ratio Lower Upper

91 100

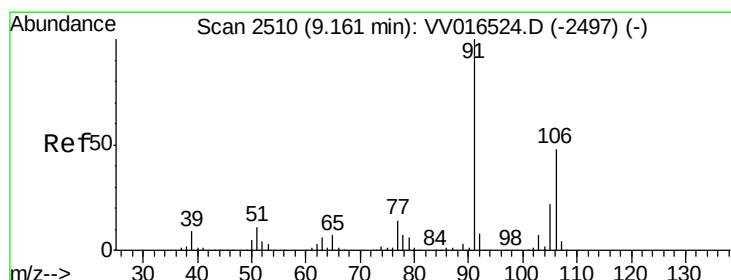
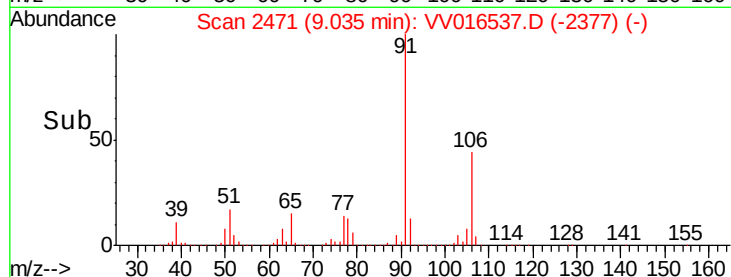
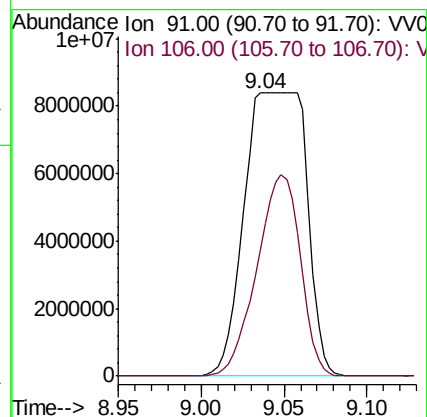
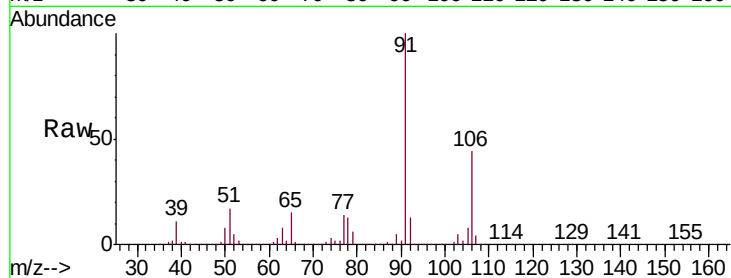
106 44.4 21.8 40.4#

Manual Integrations

APPROVED

sam

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#53

m,p-Xylene

Concen: 1251.390 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV016537.D

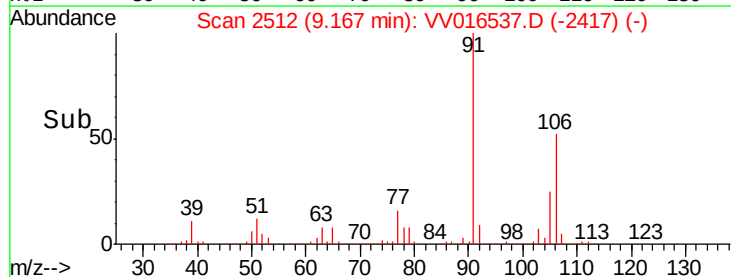
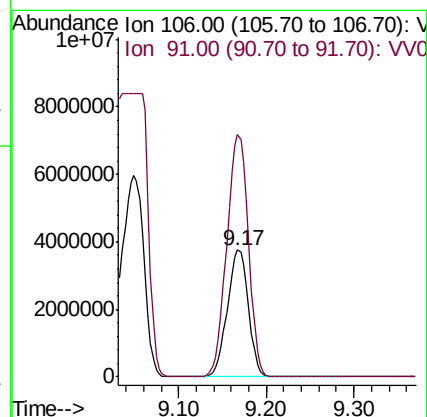
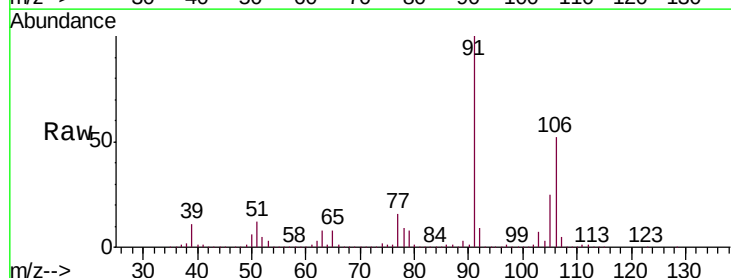
Acq: 05 Jun 2020 15:42

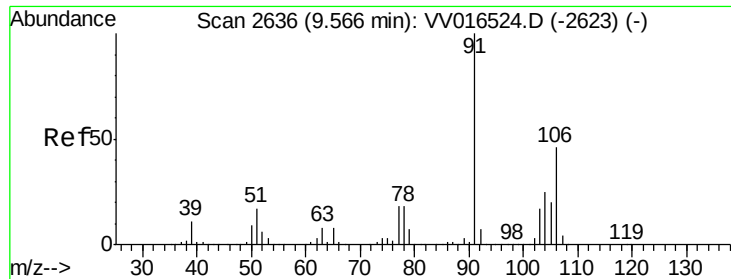
Tgt Ion: 106 Resp: 6245137

Ion Ratio Lower Upper

106 100

91 191.3 142.5 264.6





#54

o-xylene

Concen: 1137.882 ug/L

RT: 9.57 min Scan# 2638

Delta R.T. 0.01 min

Lab File: VV016537.D

Acq: 05 Jun 2020 15:42

Instrument :

MSVOA_V

ClientSampled :

F9E41

Tgt Ion:106 Resp: 5499717

Ion Ratio Lower Upper

106 100

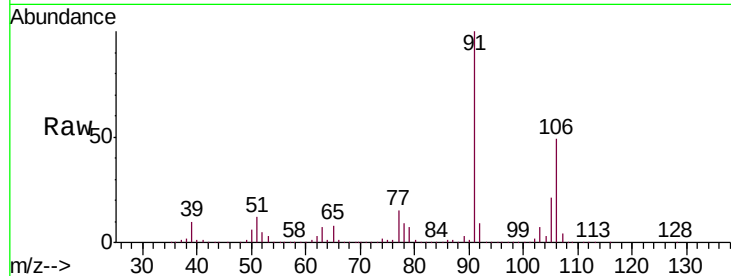
91 204.7 152.5 283.1

Manual Integrations

APPROVED

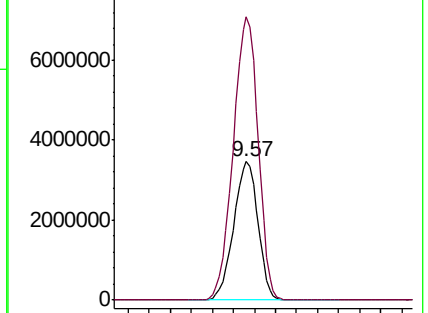
sam

6/6/2020 11:33:41 AM

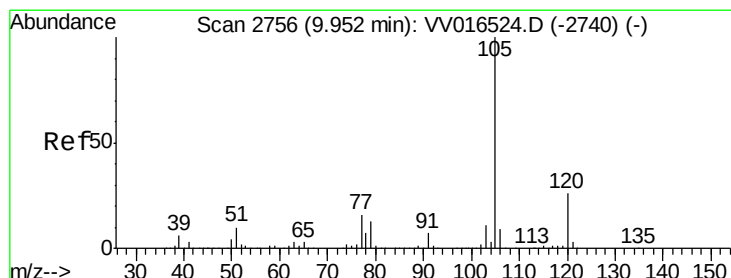
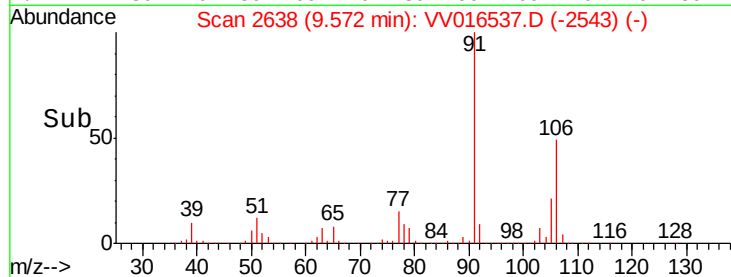


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



Time-->



#56

Isopropylbenzene

Concen: 63.175 ug/L

RT: 9.96 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016537.D

Acq: 05 Jun 2020 15:42

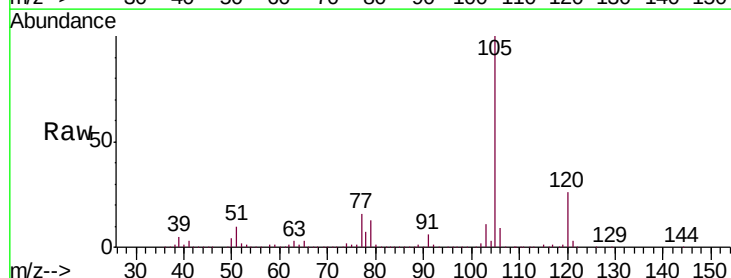
Tgt Ion:105 Resp: 793119

Ion Ratio Lower Upper

105 100

120 26.1 21.0 31.6

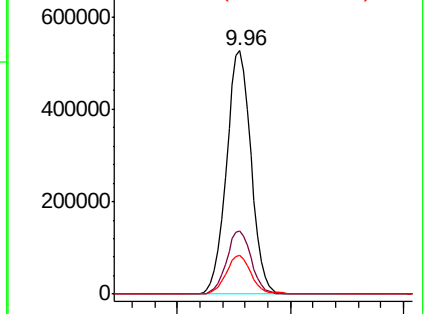
77 16.2 13.0 19.4



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): VV0



Time-->

