

Data File : VV016557.D
Acq On : 06 Jun 2020 00:29
Operator : SY/MD
Sample : L2862-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9D73

Manual Integrations
APPROVED

sam
6/6/2020 11:32:44 AM

Quant Time: Jun 06 06:53:03 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	384691	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	363104	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	183202	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	119532	43.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.74%
7) Chloroethane-d5	1.56	69	87766	44.62	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.24%
11) 1,1-Dichloroethene-d2	2.12	63	165247	34.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.42%
21) 2-Butanone-d5	3.89	46	199907	114.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.74%
24) Chloroform-d	4.37	84	245751	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.12%
26) 1,2-Dichloroethane-d4	5.05	65	172311	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
32) Benzene-d6	5.07	84	502696	51.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.36%
36) 1,2-Dichloropropane-d6	6.09	67	155946	51.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.92%
41) Toluene-d8	7.34	98	450494	51.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.64	79	71699	48.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.08%
47) 2-Hexanone-d5	8.11	63	154804	119.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	215071	52.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.64%
64) 1,2-Dichlorobenzene-d4	11.65	152	193426	56.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.36%

Target Compounds

					Qvalue
13) Acetone	2.17	43	2968	1.823 ug/L	92
27) 1,2-Dichloroethane	5.15	62	92050m	21.687 ug/L	
29) Cyclohexane	4.70	56	82243	19.084 ug/L	99
33) Benzene	5.12	78	5808135	543.892 ug/L	100
35) Methylcyclohexane	6.15	83	7879m	1.959 ug/L	
42) Toluene	7.42	91	9766	0.863 ug/L	88
52) Ethylbenzene	9.04	91	97994	7.957 ug/L	99
53) m,p-Xylene	9.16	106	2795	0.602 ug/L	61
56) Isopropylbenzene	9.95	105	19676	1.684 ug/L	98

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

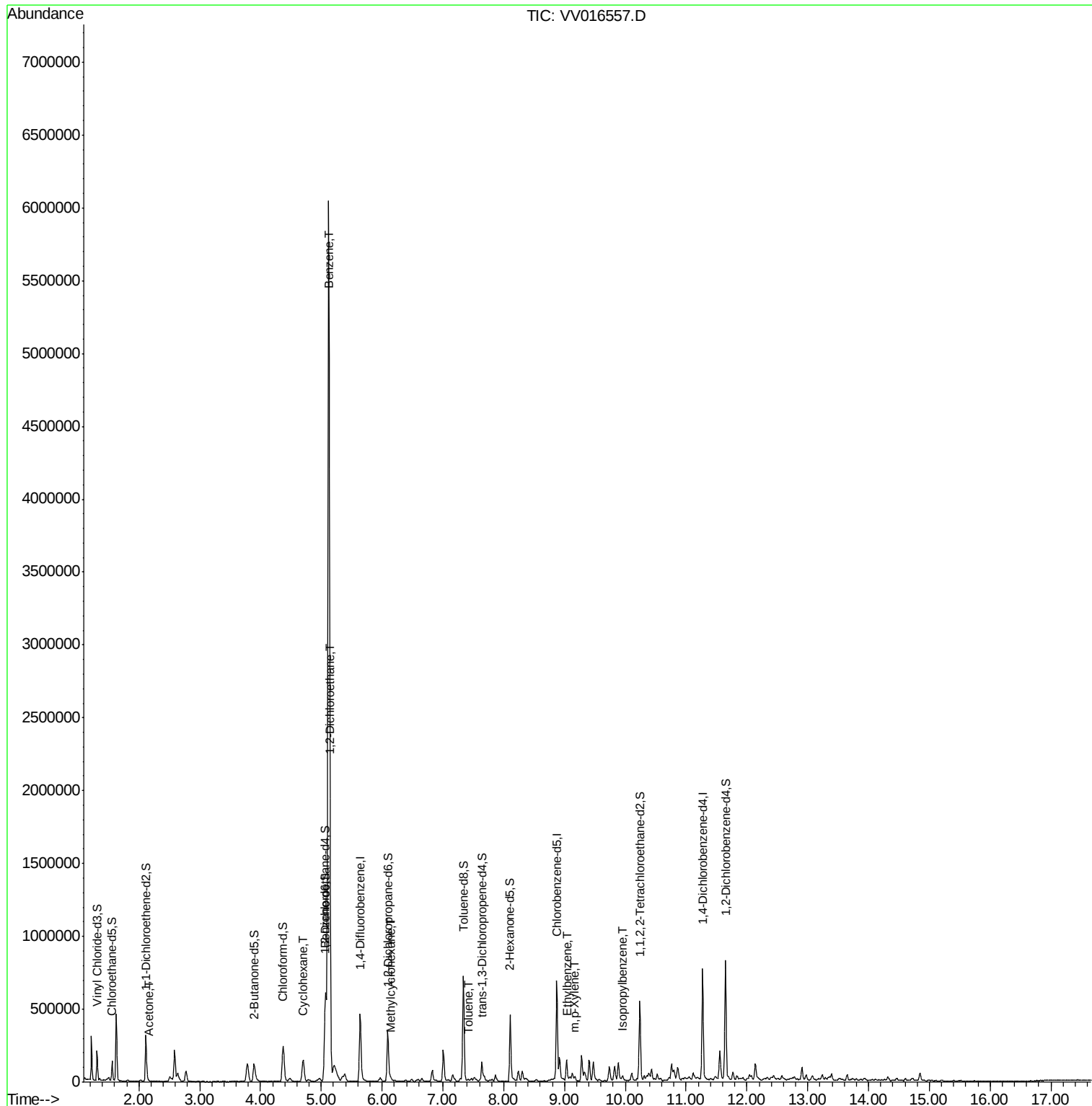
Data File : VV016557.D
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Operator : SY/MD
Sample : L2862-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

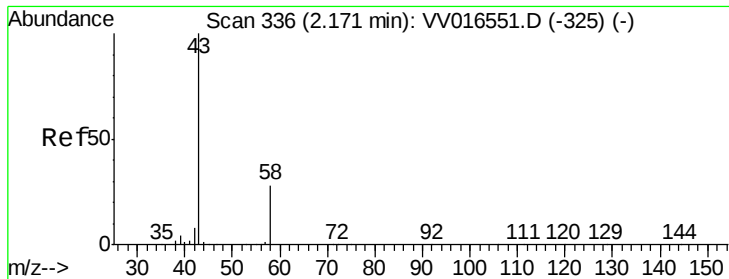
Instrument :
MSVOA_V
ClientSampleId :
F9D73

Manual Integrations
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Quant Time: Jun 06 06:53:03 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: 1.823 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016557.D

Acq: 06 Jun 2020 00:29

Instrument :

MSVOA_V

ClientSampled :

F9D73

Tgt Ion: 43 Resp: 2968

Ion Ratio Lower Upper

43 100

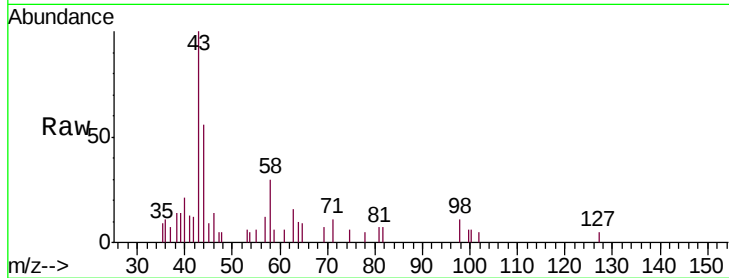
58 24.5 0.0 57.2

Manual Integrations

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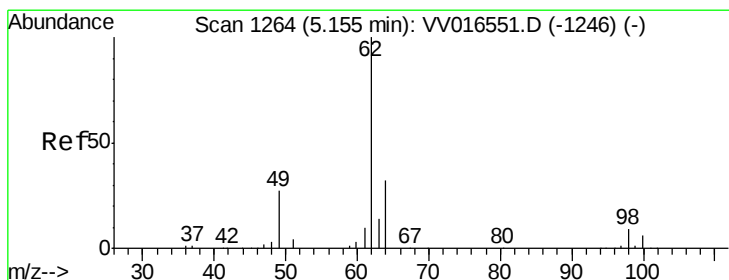
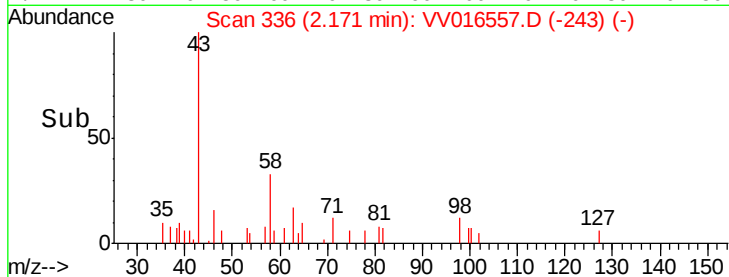
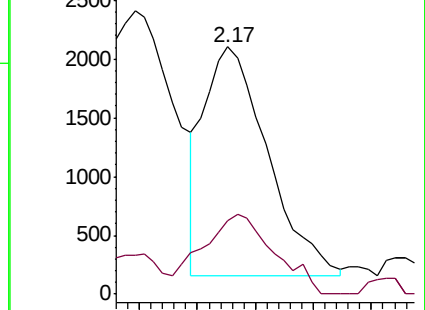
sam

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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) (-)



#27

1,2-Dichloroethane

Concen: 21.687 ug/L m

RT: 5.15 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VV016557.D

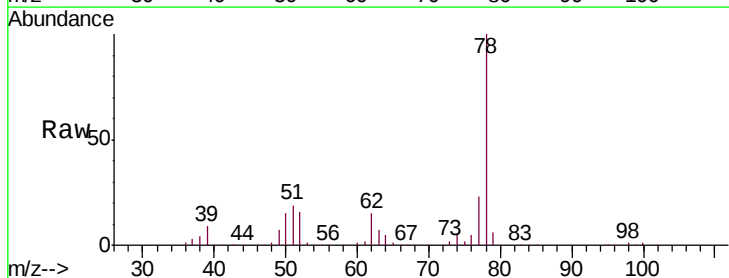
Acq: 06 Jun 2020 00:29

Tgt Ion: 62 Resp: 92050

Ion Ratio Lower Upper

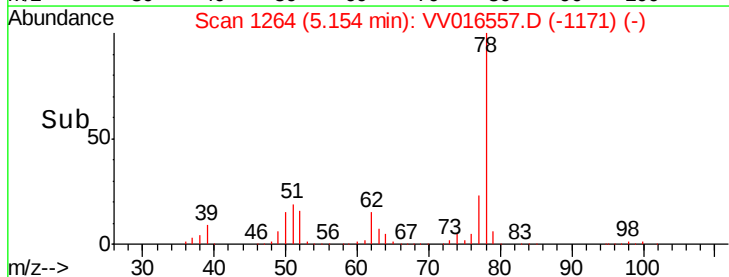
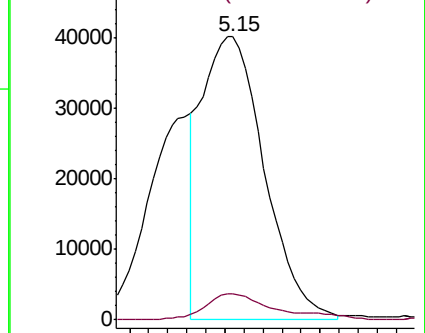
62 100

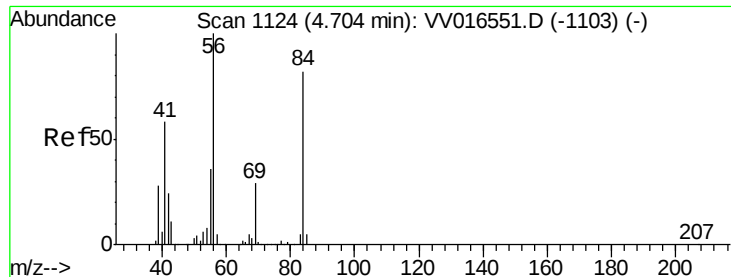
98 9.2 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV016551.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV016551.D (-1246) (-)





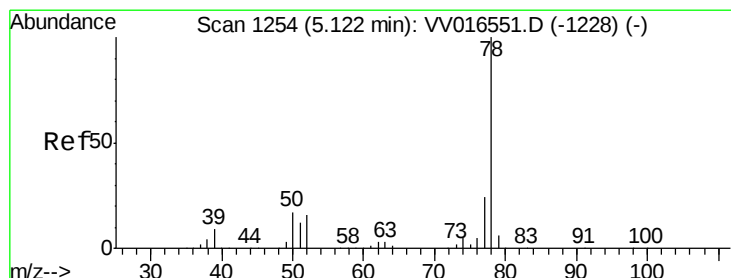
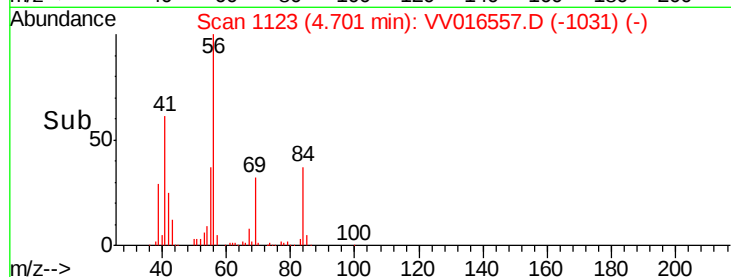
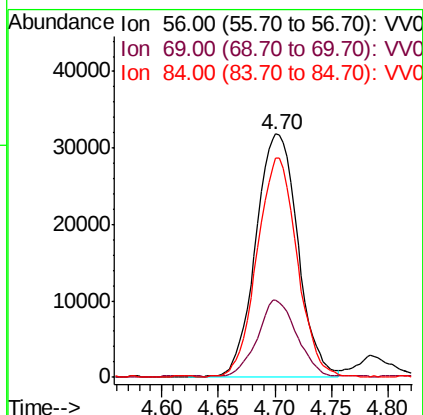
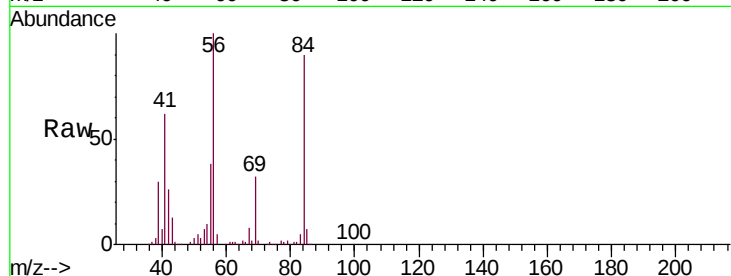
#29
Cyclohexane
Concen: 19.084 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VV016557.D
Acq: 06 Jun 2020 00:29

Instrument :
MSVOA_V
ClientSampleId :
F9D73

Tgt Ion: 56 Resp: 82243
Ion Ratio Lower Upper
56 100
69 29.2 23.9 35.9
84 84.6 68.2 102.2

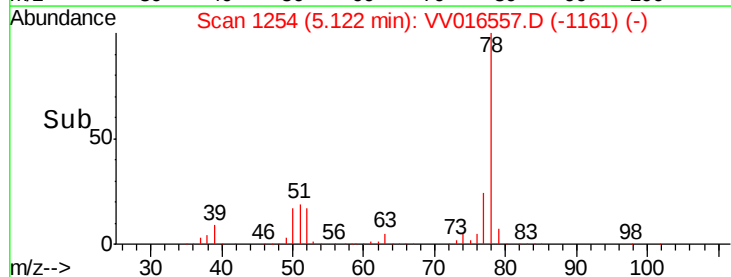
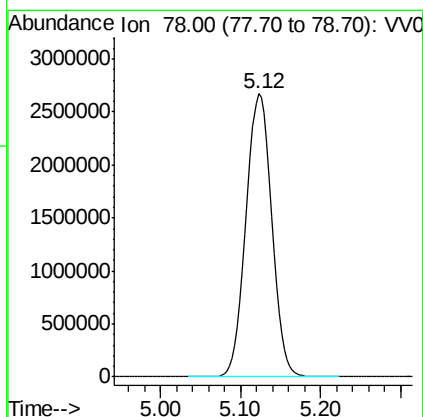
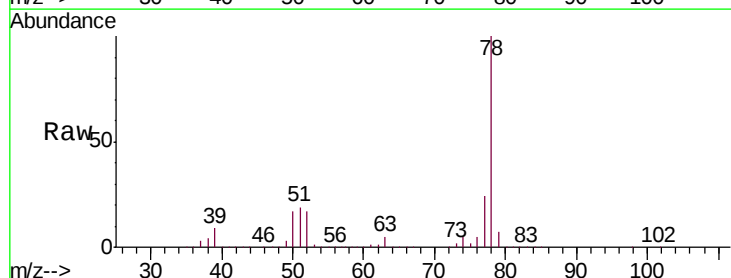
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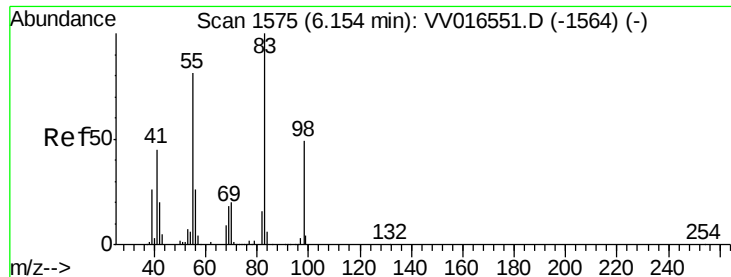
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#33
Benzene
Concen: 543.892 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016557.D
Acq: 06 Jun 2020 00:29

Tgt Ion: 78 Resp: 5808135





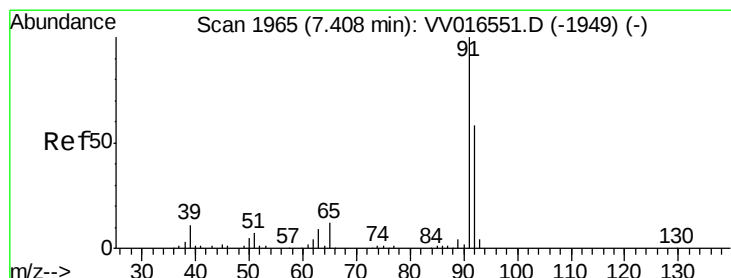
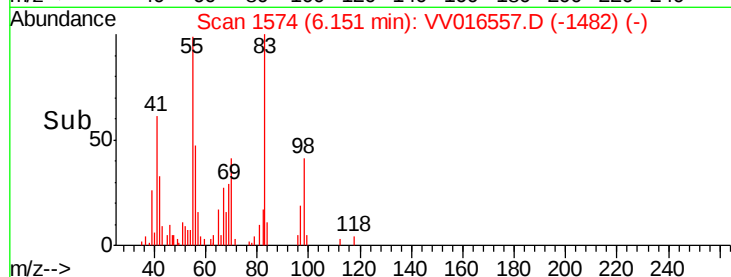
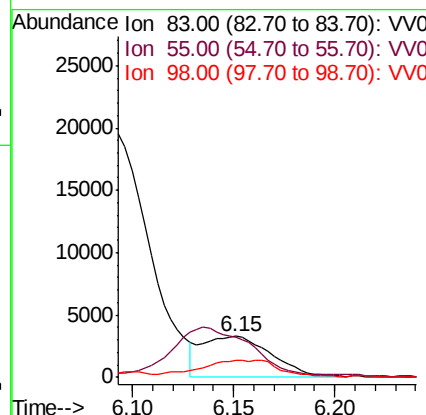
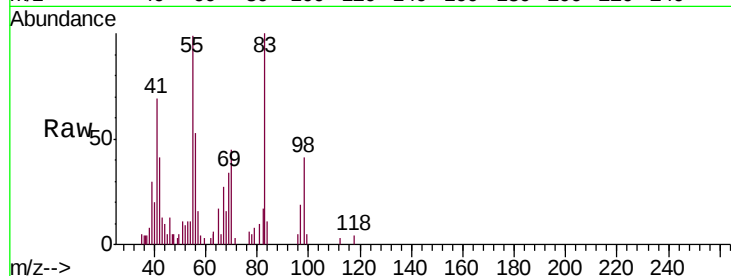
#35
Methylcyclohexane
Concen: 1.959 ug/L m
RT: 6.15 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VV016557.D
Acq: 06 Jun 2020 00:29

Instrument :
MSVOA_V
ClientSampled :
F9D73

Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.8	63.4	95.0#
98	9.3	39.4	59.0#

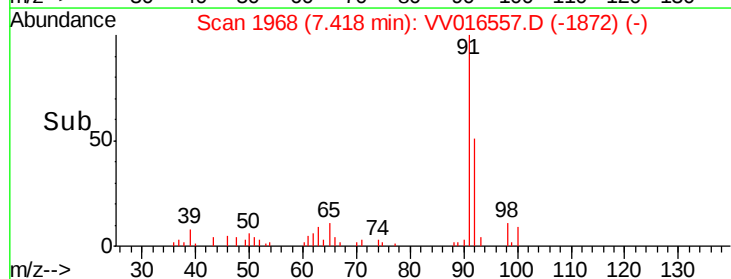
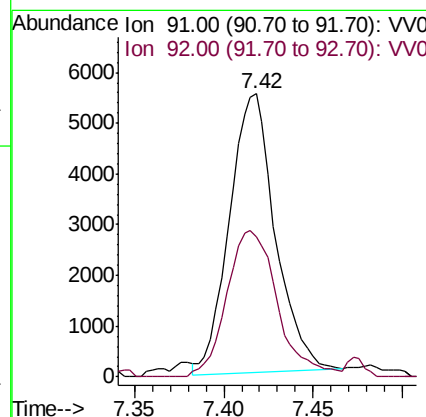
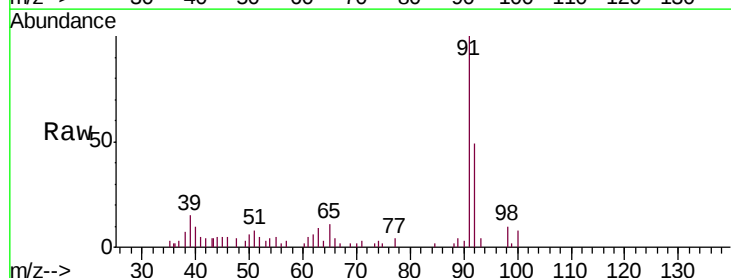
Manual Integrations
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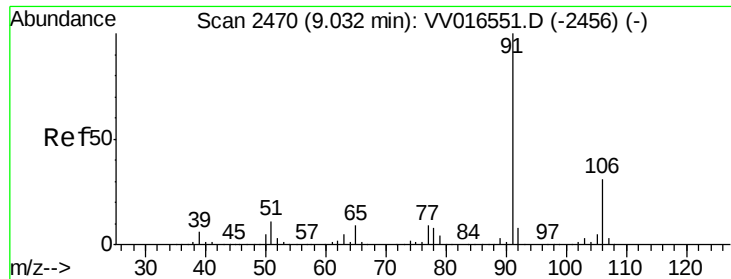
sam
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#42
Toluene
Concen: 0.863 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV016557.D
Acq: 06 Jun 2020 00:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.5	40.9	75.9





#52

Ethylbenzene

Concen: 7.957 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV016557.D

Acq: 06 Jun 2020 00:29

Instrument :

MSVOA_V

ClientSampleId :

F9D73

Tgt Ion: 91 Resp: 97994

Ion Ratio Lower Upper

91 100

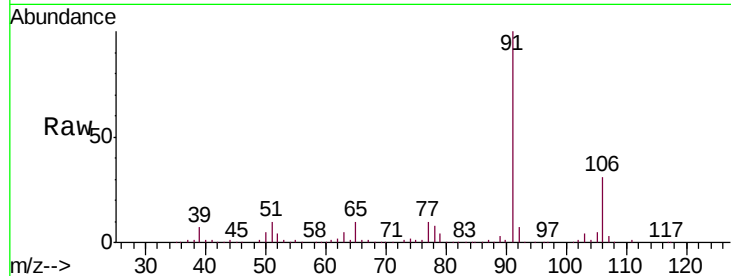
106 30.6 21.8 40.4

Manual Integrations

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sam

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Abundance Ion 91.00 (90.70 to 91.70): VV016557.D (-2377) (-)

Ion 106.00 (105.70 to 106.70): VV016557.D (-2377) (-)

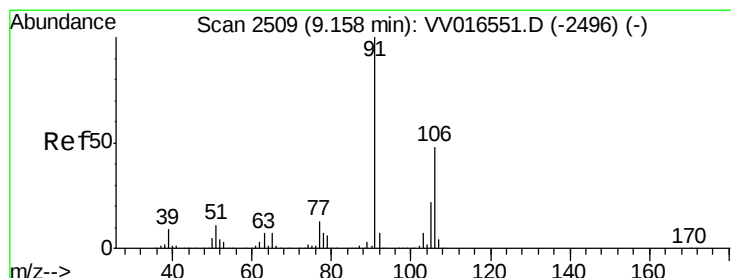
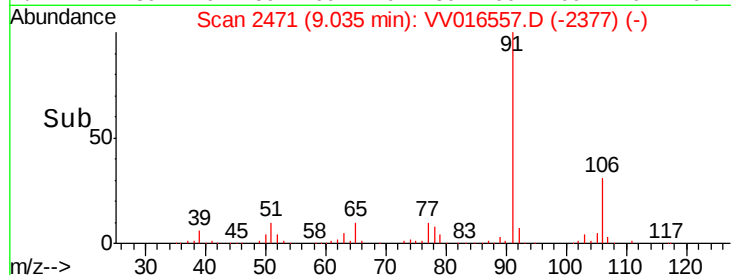
60000

40000

20000

0

Time-->



#53

m,p-Xylene

Concen: 0.602 ug/L

RT: 9.16 min Scan# 2511

Delta R.T. 0.01 min

Lab File: VV016557.D

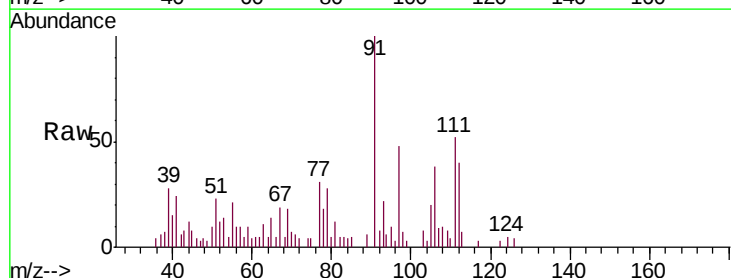
Acq: 06 Jun 2020 00:29

Tgt Ion: 106 Resp: 2795

Ion Ratio Lower Upper

106 100

91 263.0 142.5 264.6



Abundance Ion 106.00 (105.70 to 106.70): VV016557.D (-2416) (-)

Ion 91.00 (90.70 to 91.70): VV016557.D (-2416) (-)

4000

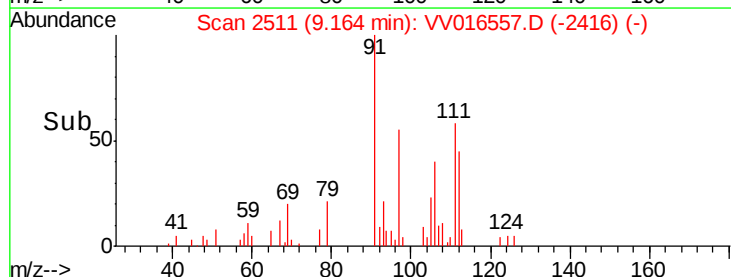
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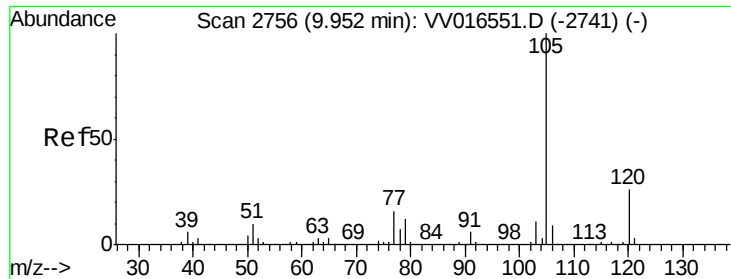
2000

1000

0

Time-->





#56
Isopropylbenzene
Concen: 1.684 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV016557.D
Acq: 06 Jun 2020 00:29

Instrument :
MSVOA_V
ClientSampleId :
F9D73

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	27.2	21.0	31.6
77	17.5	13.0	19.4

Manual Integrations
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sam
6/6/2020 11:32:44 AM

