

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017645.D
 Acq On : 24 Jul 2020 13:39
 Operator : SY/MD
 Sample : L3395-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAY20

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 11:24:57 AM

Quant Time: Jul 25 00:43:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	159246	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160819	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34262	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	28420	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	57738	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.94	46	88917	48.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.76%
24) Chloroform-d	4.37	84	90391	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	53120	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.07	84	160504	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.09	67	45204	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.34	98	142126	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
45) trans-1,3-Dichloropropene-	7.65	79	20291	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
48) 2-Hexanone-d5	8.11	63	64019	46.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33397	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	62762	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

					Ovalue
13) Acetone	2.21	43	5280m	3.708	ug/L
14) Carbon disulfide	2.31	76	2987	0.115	ug/L # 65
33) Benzene	5.13	78	6600	0.145	ug/L 100
35) Methylcyclohexane	6.15	83	2018	0.105	ug/L # 61
42) Toluene	7.41	91	27517	0.554	ug/L 99
54) Ethylbenzene	9.03	91	25120	0.452	ug/L 100
55) m,p-xylene	9.16	106	20919	0.999	ug/L 93
56) o-xylene	9.57	106	6799	0.335	ug/L 96

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

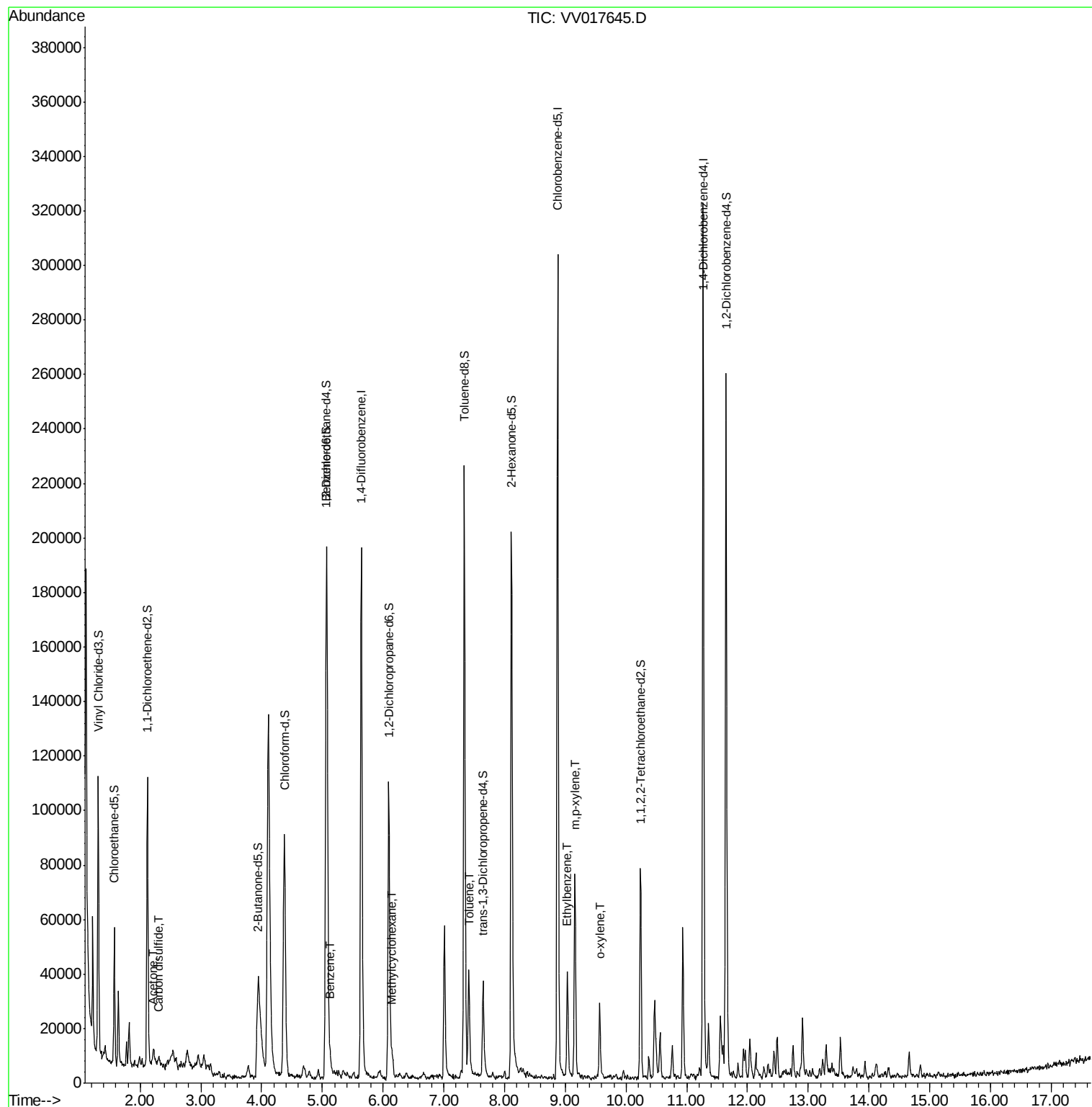
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017645.D
Acq On : 24 Jul 2020 13:39
Operator : SY/MD
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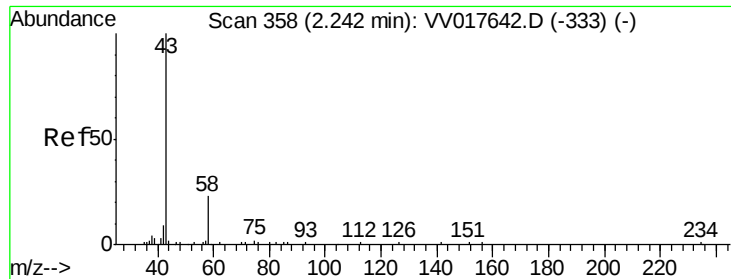
Instrument :
MSVOA_V
ClientSampleId :
GAY20

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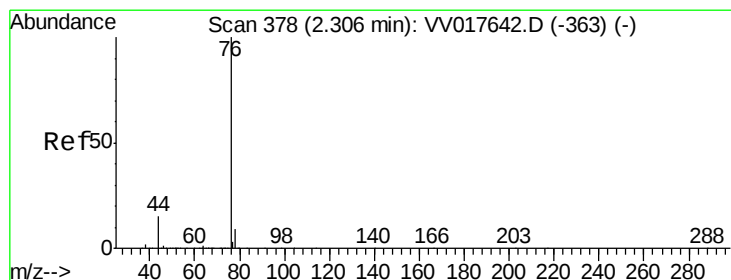
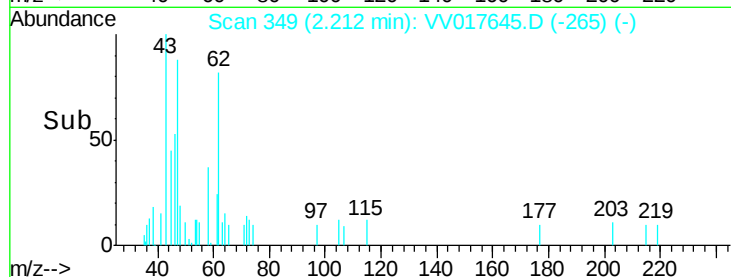
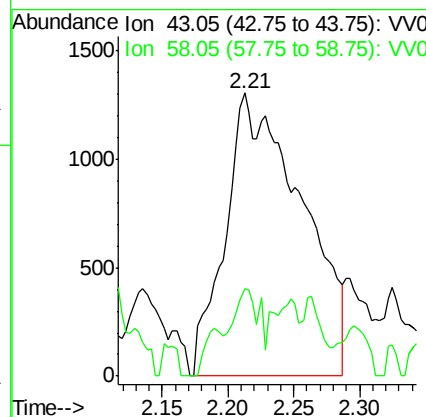
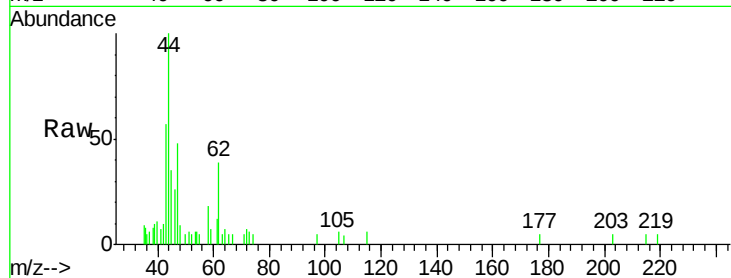
#13
Acetone
Concen: 3.708 ug/L m
RT: 2.21 min Scan# 349
Delta R.T. -0.03 min
Lab File: VV017645.D
Acq: 24 Jul 2020 13:39

Instrument :
MSVOA_V
ClientSampled :
GAY20

Tot Ion	Ratio	Lower	Upper
43	100		
58	2.0	0.0	18.6

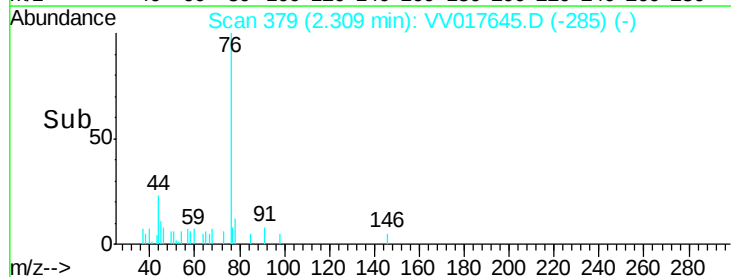
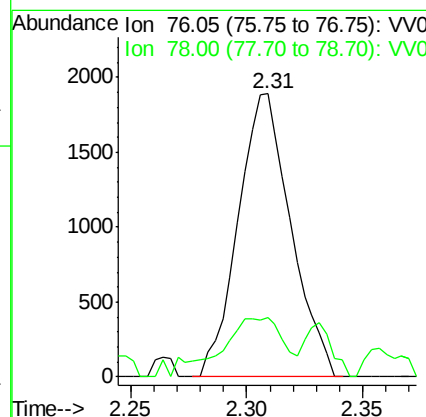
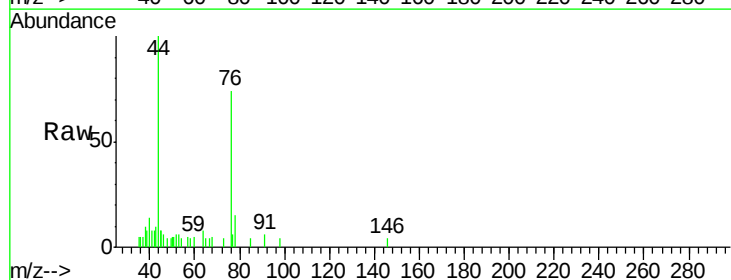
Manual Integrations
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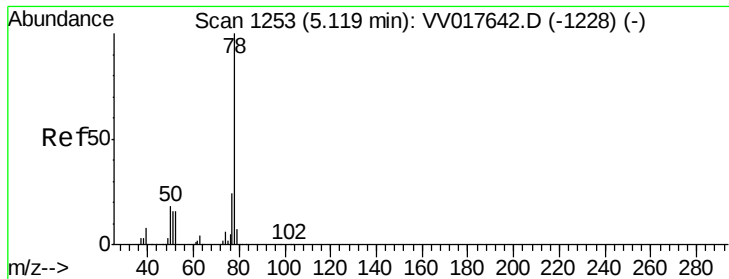
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#14
Carbon disulfide
Concen: 0.115 ug/L
RT: 2.31 min Scan# 379
Delta R.T. 0.00 min
Lab File: VV017645.D
Acq: 24 Jul 2020 13:39

Tgt Ion	Ratio	Lower	Upper
76	100		
78	20.8	6.6	10.0#





#33

Benzene

Concen: 0.145 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV017645.D

Acq: 24 Jul 2020 13:39

Instrument :

MSVOA_V

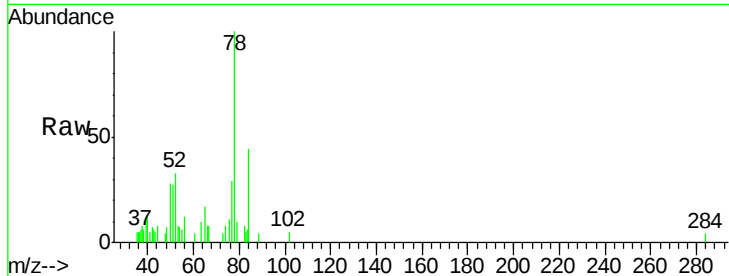
ClientSampled :

GAY20

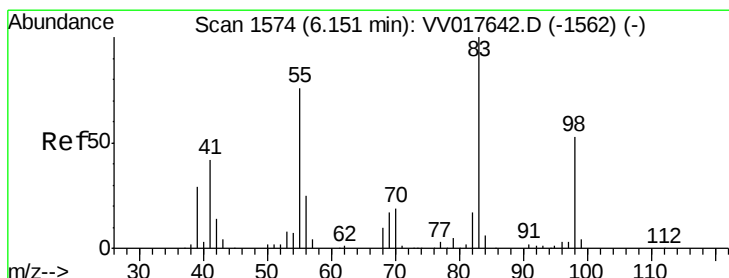
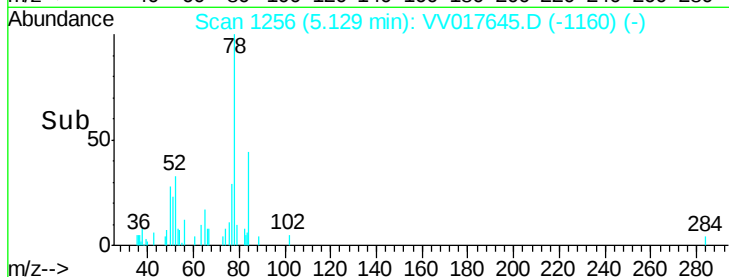
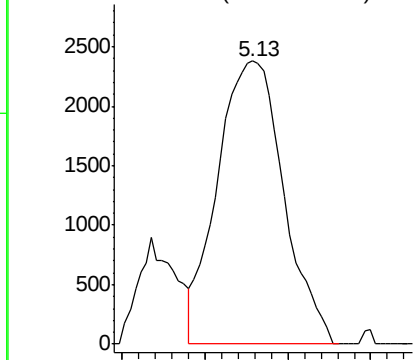
Tgt Ion: 78 Resp: 6600

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Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.105 ug/L

RT: 6.15 min Scan# 1575

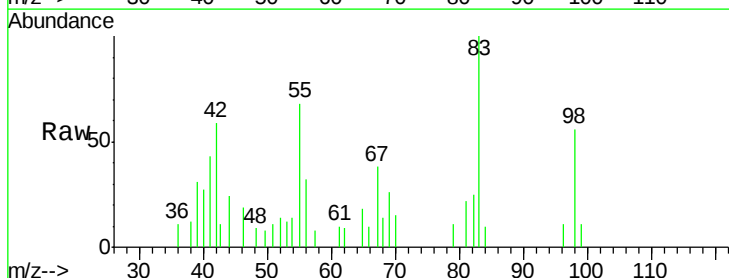
Delta R.T. 0.00 min

Lab File: VV017645.D

Acq: 24 Jul 2020 13:39

Tgt Ion: 83 Resp: 2018

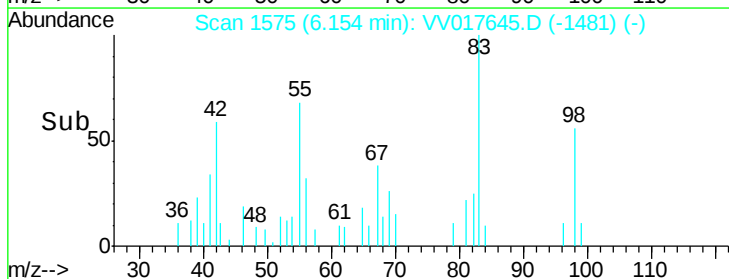
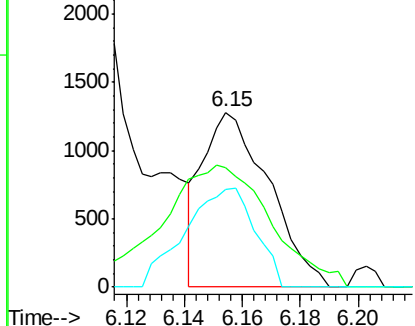
Ion	Ratio	Lower	Upper
83	100		
55	123.3	61.8	92.8#
98	60.2	39.0	58.6#

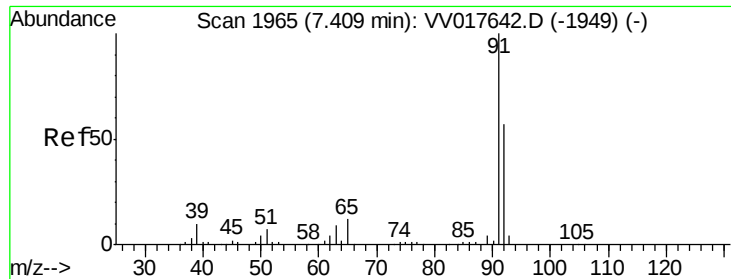


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#42

Toluene

Concen: 0.554 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV017645.D

Acq: 24 Jul 2020 13:39

Instrument :

MSVOA_V

ClientSampleId :

GAY20

Tot Ion: 91 Resp: 27517

Ion Ratio Lower Upper

91 100

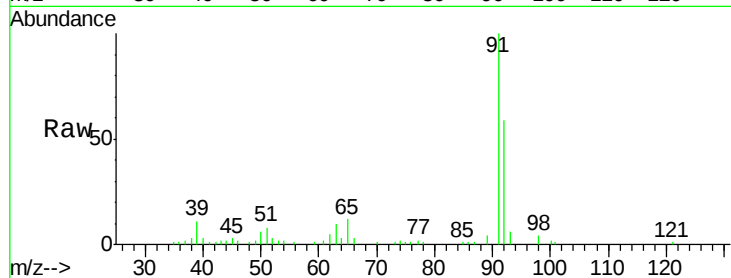
92 59.3 40.8 75.8

Manual Integrations

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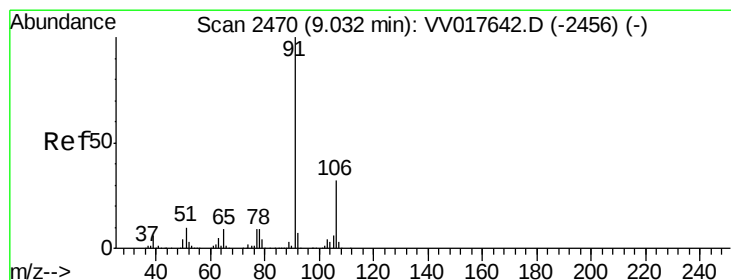
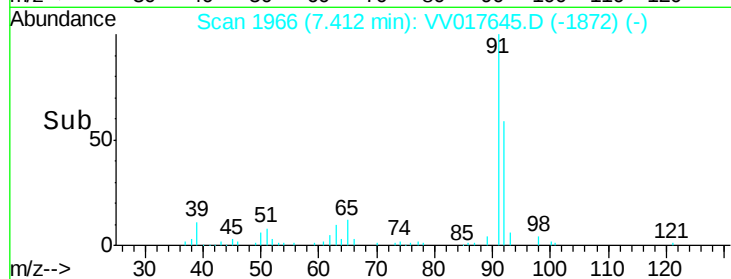
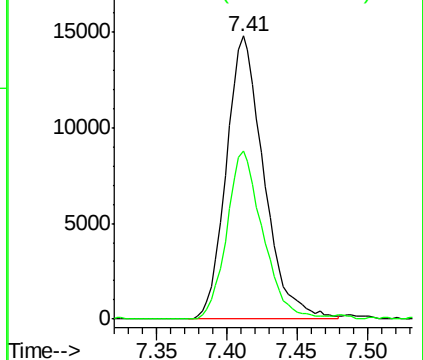
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Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#54

Ethylbenzene

Concen: 0.452 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV017645.D

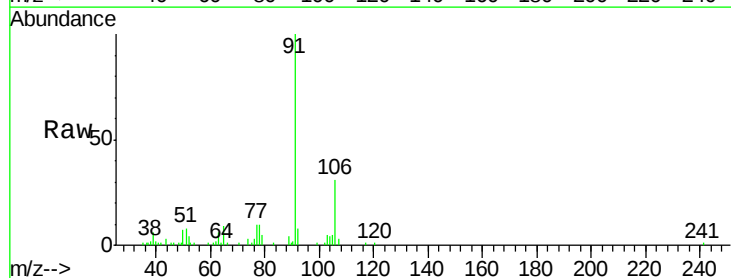
Acq: 24 Jul 2020 13:39

Tgt Ion: 91 Resp: 25120

Ion Ratio Lower Upper

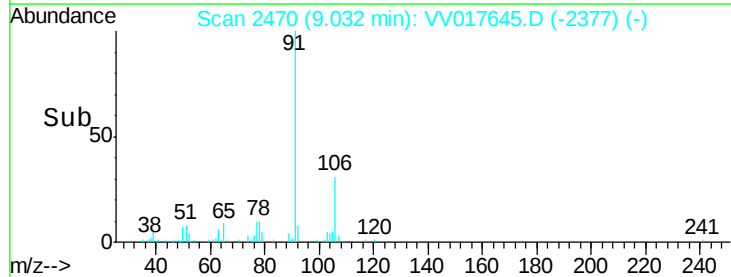
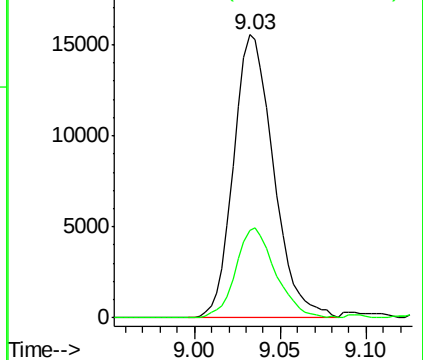
91 100

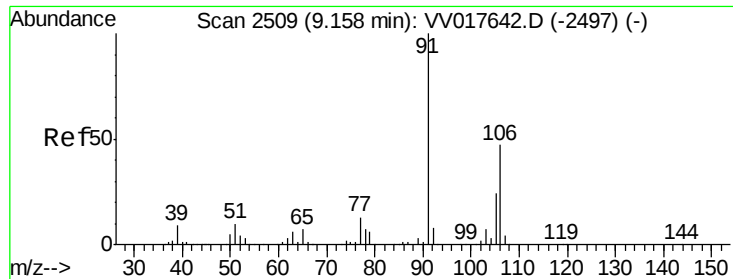
106 31.0 21.6 40.2



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 0.999 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV017645.D

Acq: 24 Jul 2020 13:39

Instrument :
MSVOA_V
ClientSampled :
GAY20

Tot Ion:106 Resp: 20919

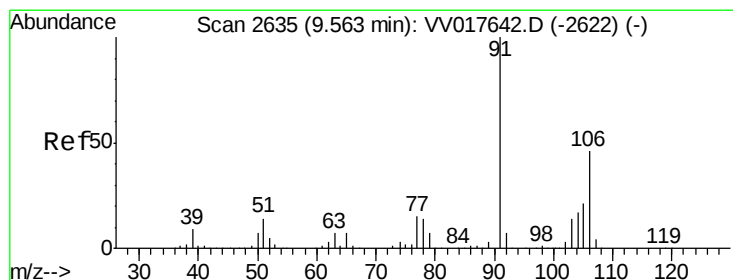
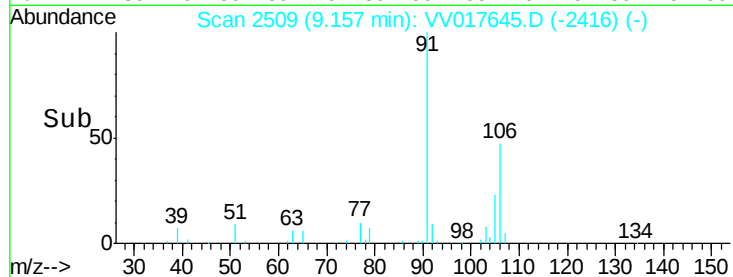
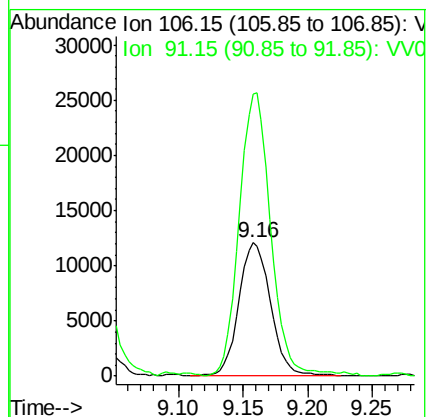
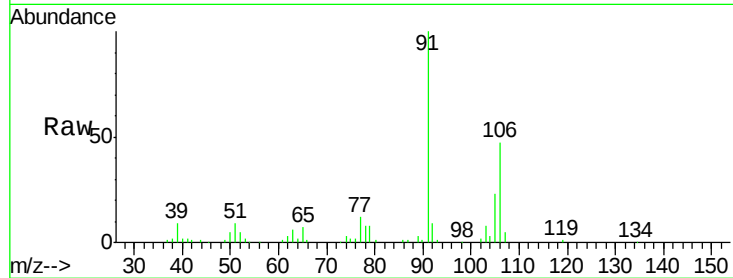
Ion Ratio Lower Upper

106 100

91 211.8 141.3 262.3

Manual Integrations
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#56

o-xylene

Concen: 0.335 ug/L

RT: 9.57 min Scan# 2637

Delta R.T. 0.01 min

Lab File: VV017645.D

Acq: 24 Jul 2020 13:39

Tgt Ion:106 Resp: 6799

Ion Ratio Lower Upper

106 100

91 225.6 153.9 285.7

