

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017653.D
 Acq On : 24 Jul 2020 18:12
 Operator : SY/MD
 Sample : L3395-16DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAY24DL

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 11:25:22 AM

Quant Time: Jul 25 02:23:11 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	170580	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	165242	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	87513	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33500	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.58	69	27403	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.12	63	56906	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.96	46	74204	38.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.16%
24) Chloroform-d	4.37	84	87230	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.06	65	48487	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.07	84	158347	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	6.09	67	42693	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.40%
41) Toluene-d8	7.34	98	146196	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
45) trans-1,3-Dichloropropene-	7.65	79	18403	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
48) 2-Hexanone-d5	8.12	63	52981	37.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29815	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	62790	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.23	43	16254m	10.656	ug/L	
16) Methylene chloride	2.52	84	4516	0.442	ug/L	88
30) Cyclohexane	4.70	56	4652	0.254	ug/L #	90
33) Benzene	5.12	78	39701	0.849	ug/L	100
35) Methylcyclohexane	6.14	83	1682	0.085	ug/L #	84
42) Toluene	7.41	91	16611	0.326	ug/L	99
54) Ethylbenzene	9.03	91	20561	0.360	ug/L	98
55) m,p-xylene	9.16	106	76113	3.538	ug/L	97
56) o-xylene	9.57	106	4364	0.209	ug/L	89
58) Isopropylbenzene	9.95	105	7395	0.128	ug/L	97

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

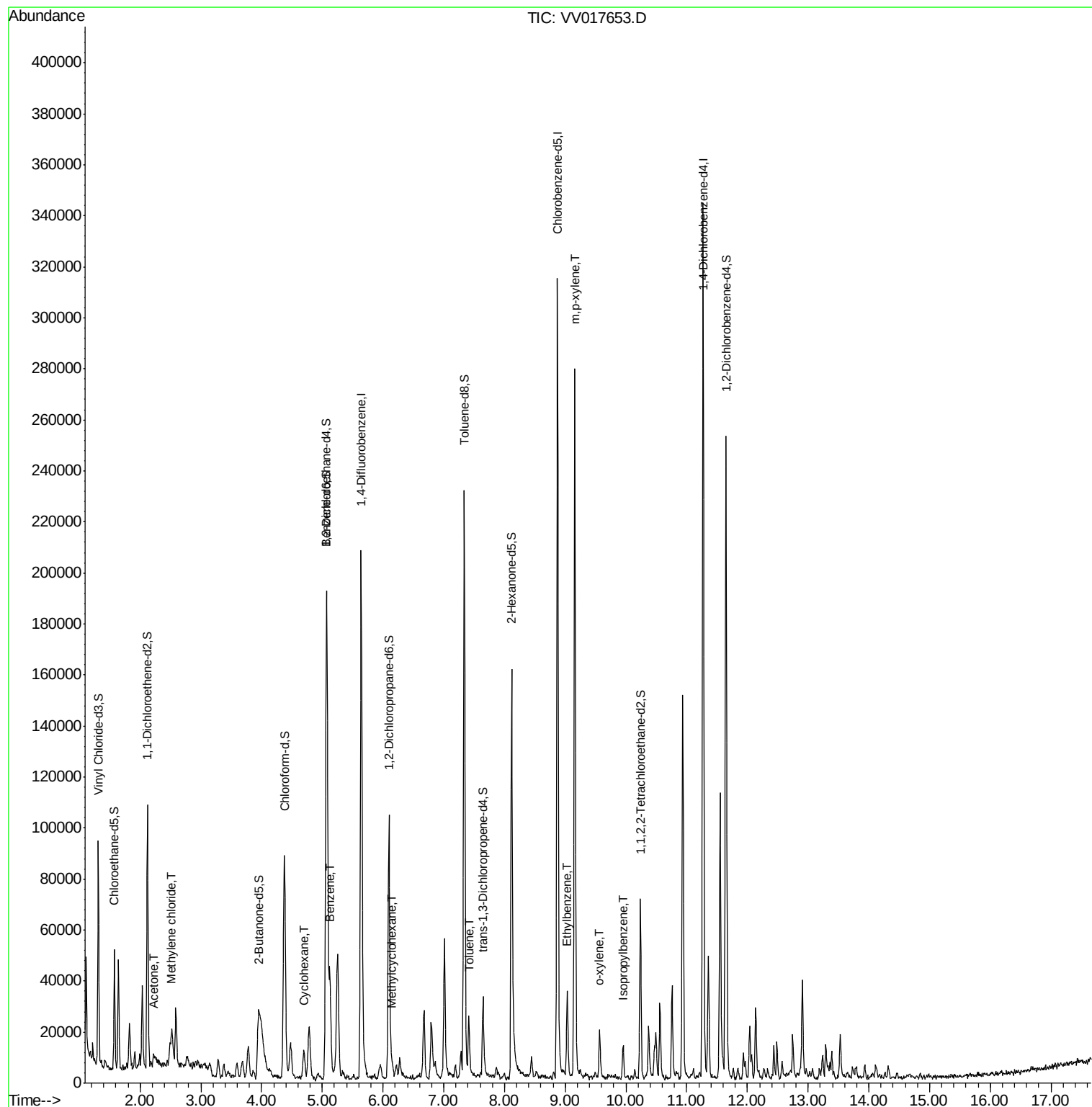
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072420\
Data File : VV017653.D
Acq On : 24 Jul 2020 18:12
Operator : SY/MD
Sample : L3395-16DL 5X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

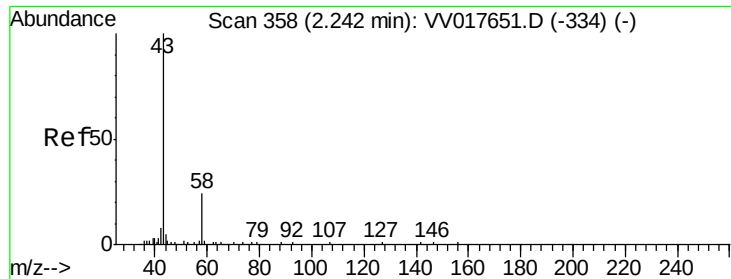
Instrument :
MSVOA_V
ClientSampleId :
GAY24DL

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Quant Time: Jul 25 02:23:11 2020
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 10.656 ug/L m

RT: 2.23 min Scan# 356

Delta R.T. -0.01 min

Lab File: VV017653.D

Acq: 24 Jul 2020 18:12

Instrument :

MSVOA_V

ClientSampleId :

GAY24DL

Tot Ion: 43 Resp: 16254

Ion Ratio Lower Upper

43 100

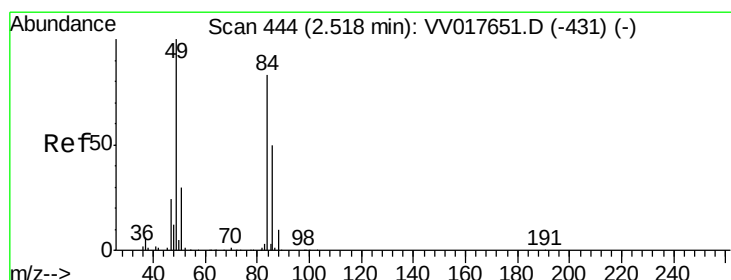
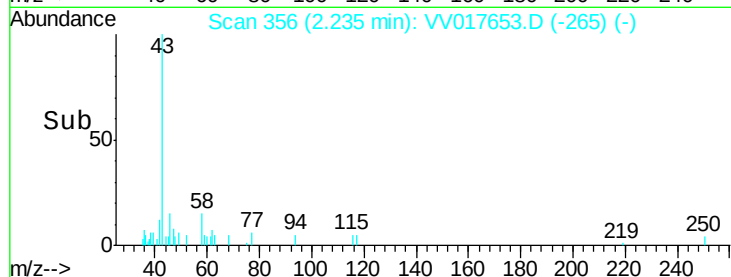
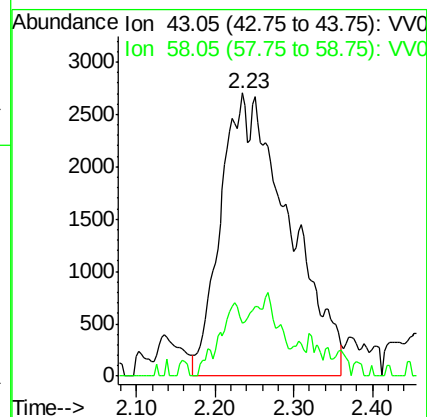
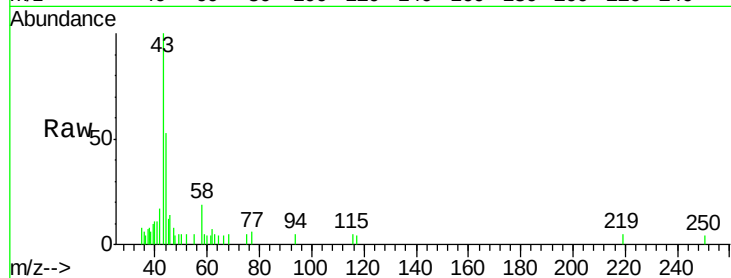
58 0.6 0.0 18.6

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#16

Methylene chloride

Concen: 0.442 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017653.D

Acq: 24 Jul 2020 18:12

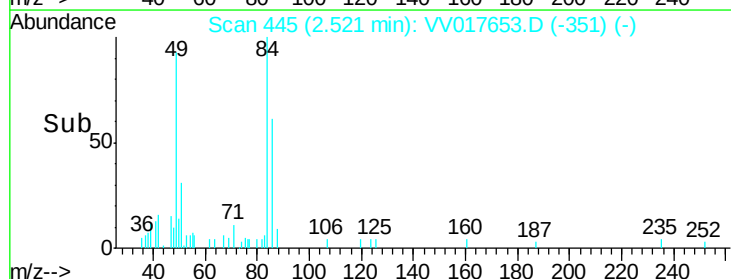
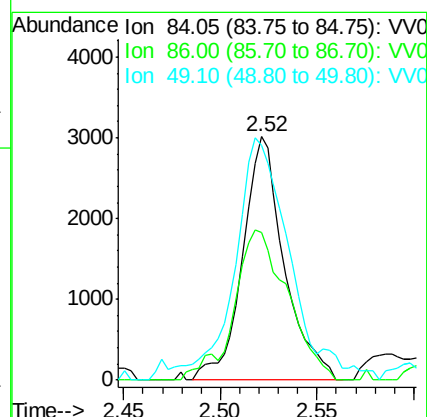
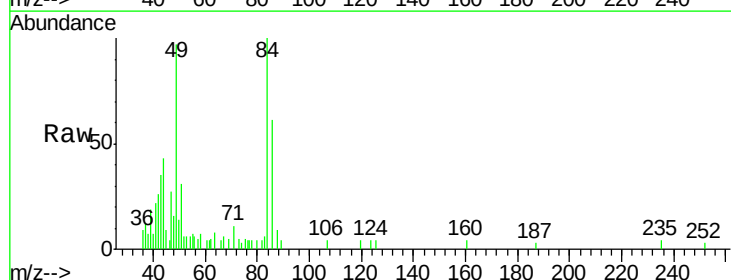
Tgt Ion: 84 Resp: 4516

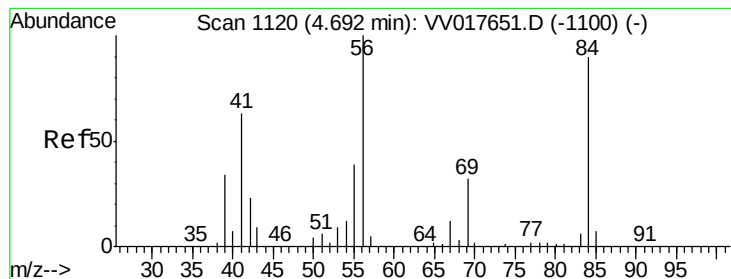
Ion Ratio Lower Upper

84 100

86 60.8 46.5 86.3

49 96.6 79.2 147.2





#30

Cyclohexane

Concen: 0.254 ug/L

RT: 4.70 min Scan# 1122

Delta R.T. 0.01 min

Lab File: VV017653.D

Acq: 24 Jul 2020 18:12

Instrument :

MSVOA_V

ClientSampled :

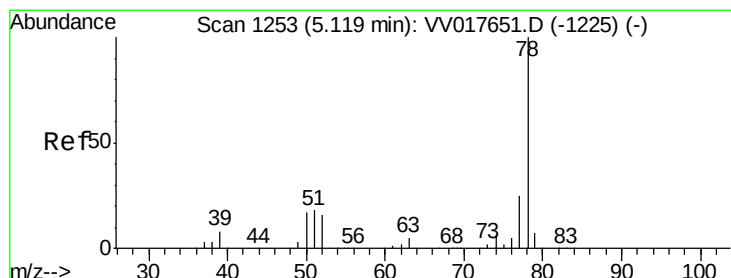
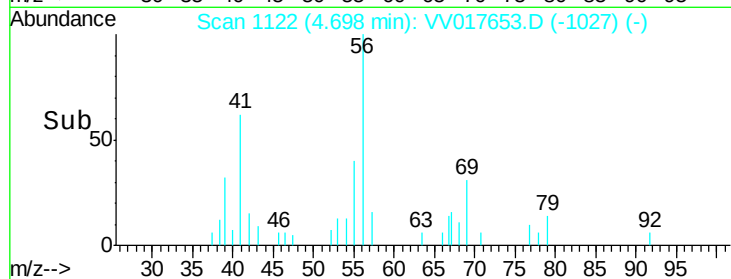
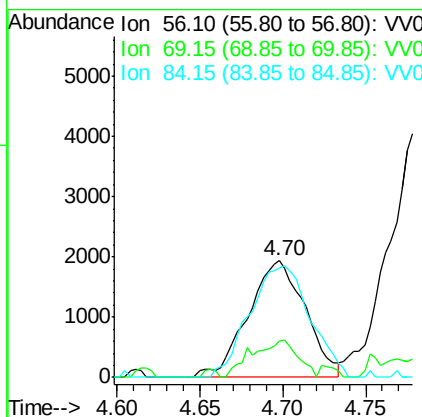
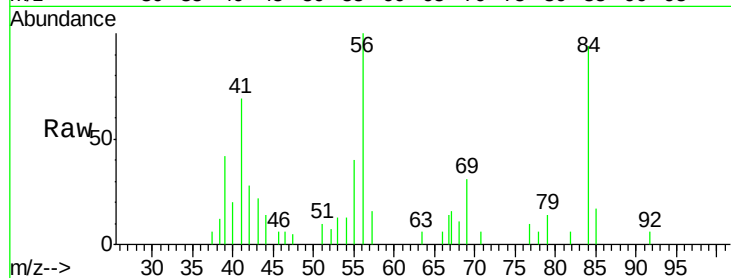
GAY24DL

Tot Ion: 56 Resp: 4652

Ion	Ratio	Lower	Upper
56	100		
69	25.4	25.4	38.2#
84	100.8	73.0	109.4

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#33

Benzene

Concen: 0.849 ug/L

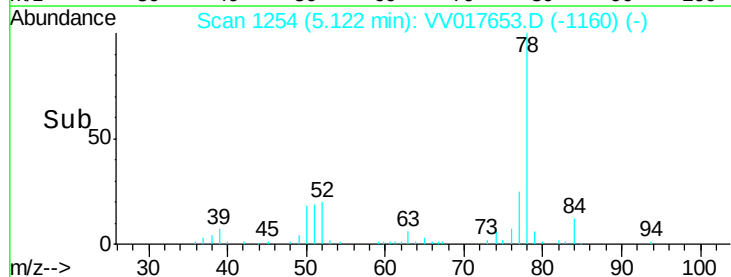
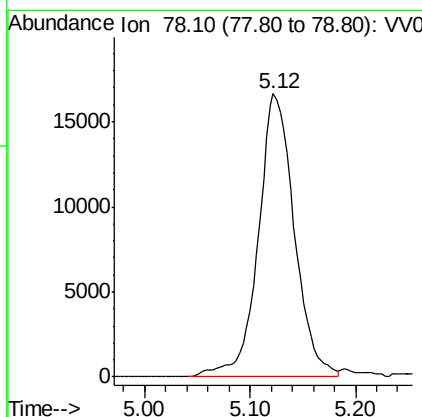
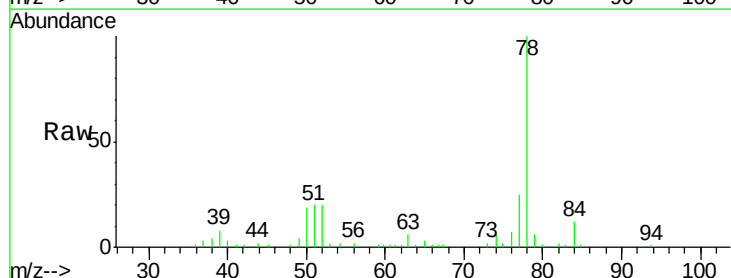
RT: 5.12 min Scan# 1254

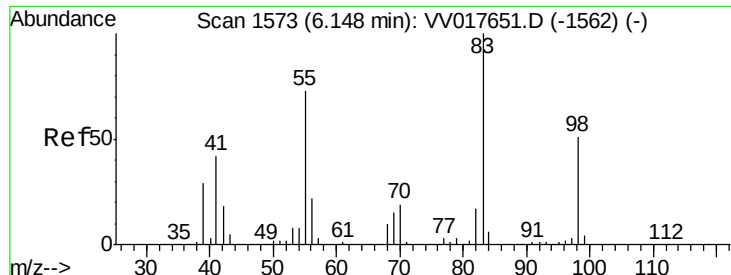
Delta R.T. 0.00 min

Lab File: VV017653.D

Acq: 24 Jul 2020 18:12

Tgt Ion: 78 Resp: 39701





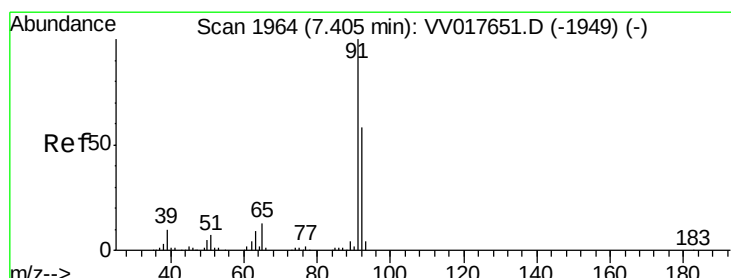
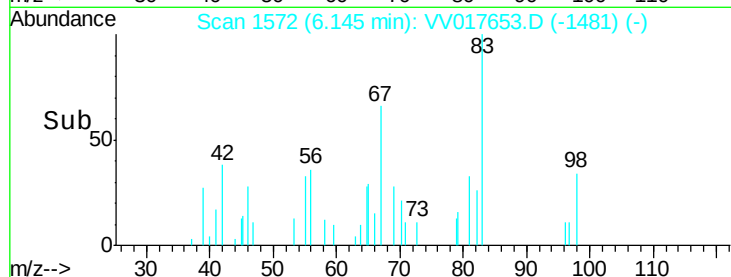
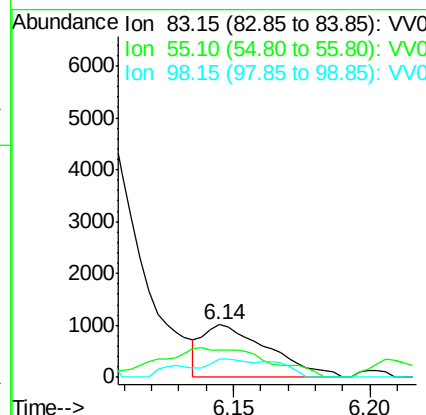
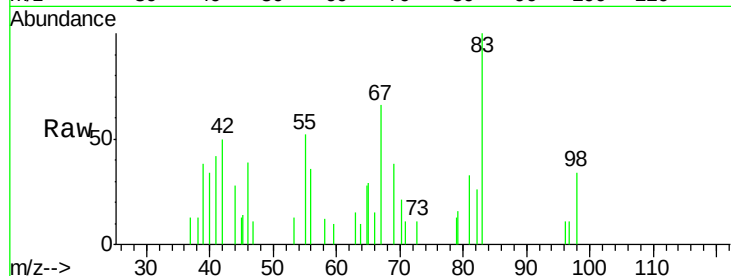
#35
Methylvlcyclohexane
Concen: 0.085 ug/L
RT: 6.14 min Scan# 1572
Delta R.T. -0.01 min
Lab File: VV017653.D
Acq: 24 Jul 2020 18:12

Instrument :
MSVOA_V
ClientSampleId :
GAY24DL

Tot Ion	Ratio	Lower	Upper
83	100		
55	91.4	61.8	92.8
98	37.5	39.0	58.6

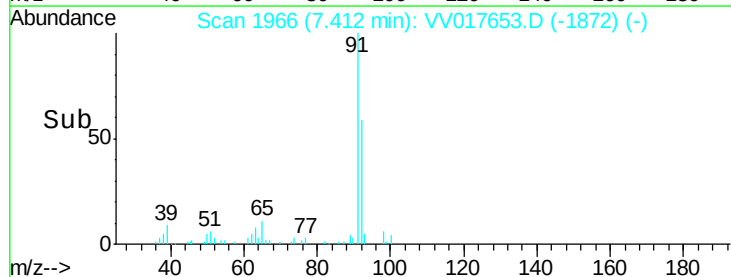
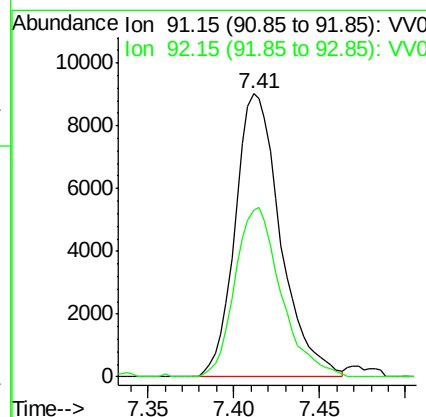
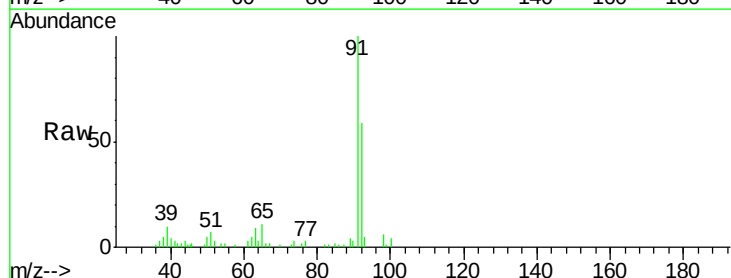
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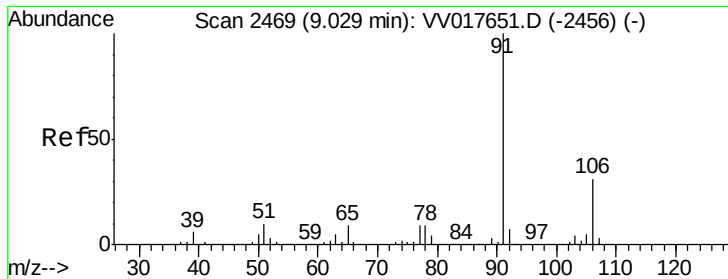
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7/29/2020 11:25:22 AM



#42
Toluene
Concen: 0.326 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV017653.D
Acq: 24 Jul 2020 18:12

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.8	75.8





#54

Ethylbenzene

Concen: 0.360 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV017653.D

Acq: 24 Jul 2020 18:12

Instrument :

MSVOA_V

ClientSampleId :

GAY24DL

Tot Ion: 91 Resp: 20561

Ion Ratio Lower Upper

91 100

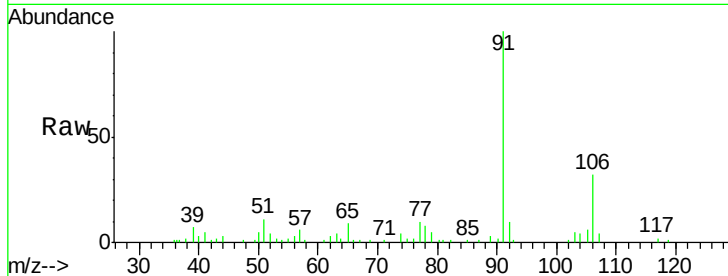
106 32.1 21.6 40.2

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Abundance Ion 91.15 (90.85 to 91.85): VV017653.D (-2456) (-)

Ion 106.15 (105.85 to 106.85): VV017653.D (-2456) (-)

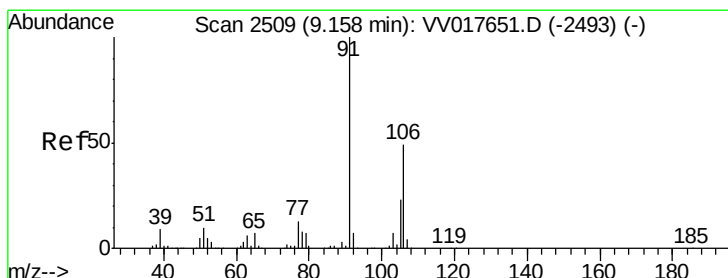
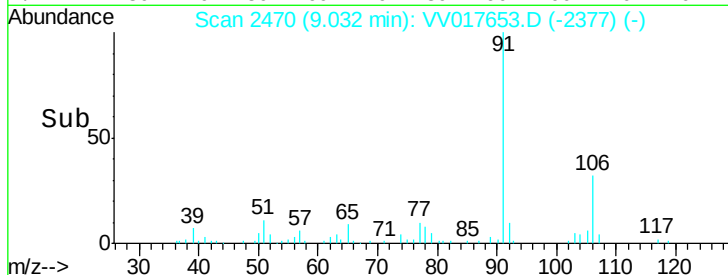
9.03

10000

5000

0

Time-->



#55

m,p-xylene

Concen: 3.538 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV017653.D

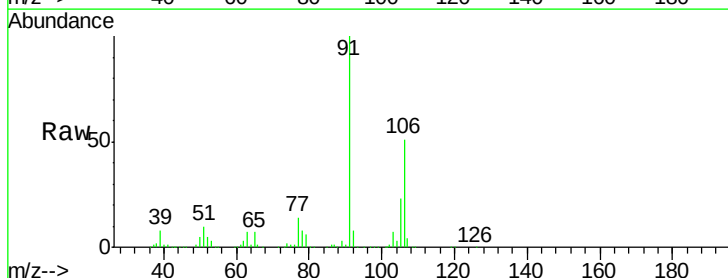
Acq: 24 Jul 2020 18:12

Tgt Ion: 106 Resp: 76113

Ion Ratio Lower Upper

106 100

91 196.8 141.3 262.3



Abundance Ion 106.15 (105.85 to 106.85): VV017653.D (-2493) (-)

Ion 91.15 (90.85 to 91.85): VV017653.D (-2493) (-)

9.16

100000

80000

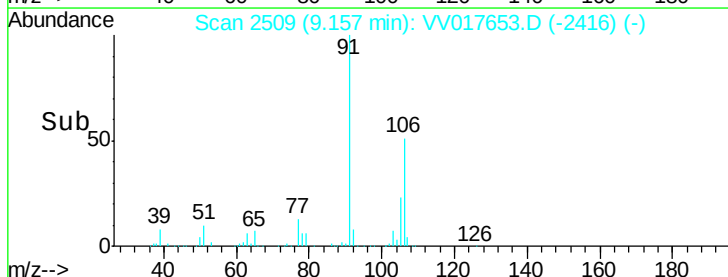
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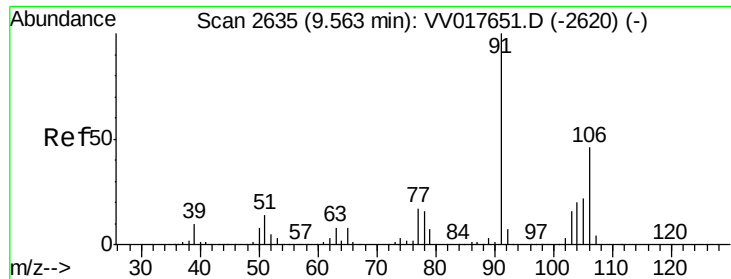
40000

20000

0

Time-->





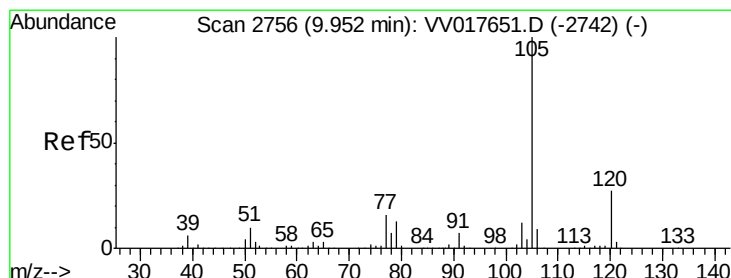
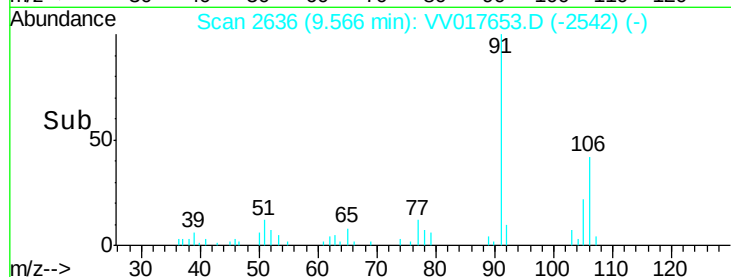
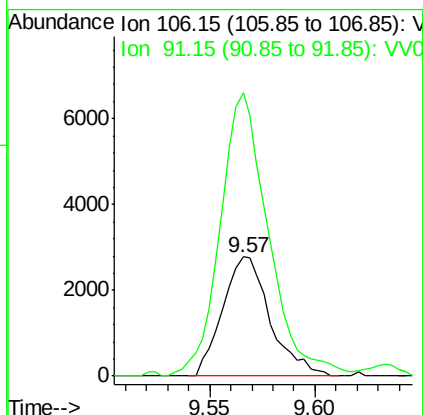
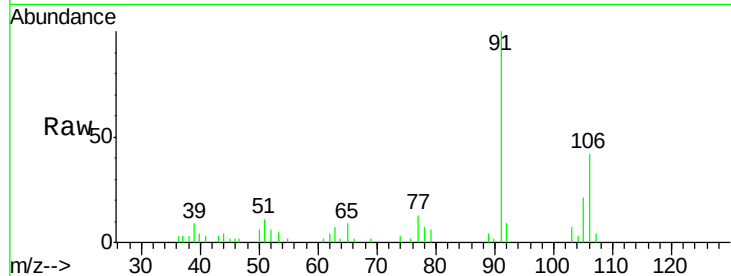
#56
o-xylene
Concen: 0.209 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017653.D
Acq: 24 Jul 2020 18:12

Instrument :
MSVOA_V
ClientSampled :
GAY24DL

Tot Ion:106 Resp: 4364
Ion Ratio Lower Upper
106 100
91 237.2 153.9 285.7

Manual Integrations
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#58
Isopropylbenzene
Concen: 0.128 ug/L
RT: 9.95 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VV017653.D
Acq: 24 Jul 2020 18:12

Tgt Ion:105 Resp: 7395
Ion Ratio Lower Upper
105 100
120 24.3 21.1 31.7
77 16.5 13.0 19.6

