

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025100.D
 Acq On : 18 Mar 2022 16:09
 Operator : SY/MD
 Sample : N2018-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QA6

Quant Time: Mar 19 00:56:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	171097	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	160976	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74609	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54240	4.015	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.571	69	43097	4.357	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.111	63	71052	3.255	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	3.892	46	83194	50.962	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.920%
24) Chloroform-d	4.352	84	95633	4.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.037	65	40909	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.053	84	206876	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.069	67	59151	4.405	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.317	98	182904	4.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.628	79	17421	3.722	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.088	63	74182	46.459	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37287	4.720	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	59515	4.712	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
8) Chloroethane	1.597	64	7072	0.775	ug/L #	54
13) Acetone	2.185	43	4270	3.911	ug/L	94
17) Methyl tert-butyl Ether	2.773	73	25748	1.084	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	6050	0.457	ug/L	96
25) Chloroform	4.378	83	2983	0.128	ug/L	81
27) 1,2-Dichloroethane	5.053	62	948	0.082	ug/L #	71
34) Trichloroethene	5.921	95	6894	0.495	ug/L	97
35) Methylcyclohexane	6.072	83	13956	0.632	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5825	0.484	ug/L #	86
47) Tetrachloroethene	7.976	164	1142	0.116	ug/L	96
49) Dibromochloromethane	7.982	129	1268	0.141	ug/L #	10
53) m,p-xylene	9.146	106	686	0.031	ug/L	84
61) 1,2,3-Trichloropropane	11.246	75	9841	1.568	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.541	105	1007	0.039	ug/L	87
63) 1,2,4-Trimethylbenzene	10.918	105	2898	0.064	ug/L	91
71) Naphthalene	13.503	128	38910	1.744	ug/L	98

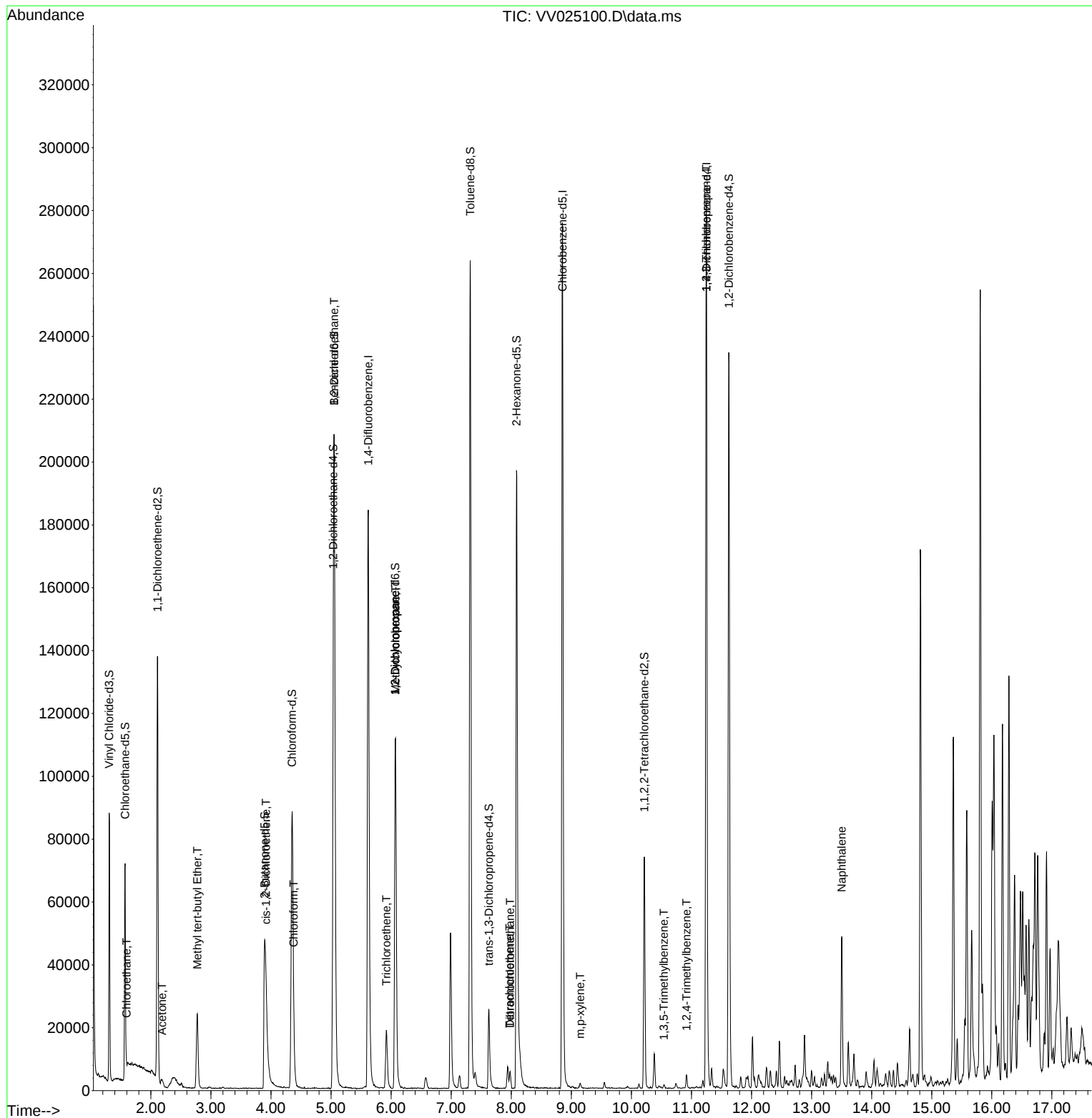
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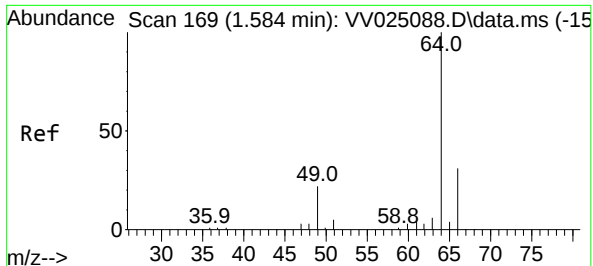
Instrument :
MSVOA_V
ClientSampleId :
C0QA6

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QLast Update : Sat Mar 19 00:53:30 2022
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.775 ug/L

RT: 1.597 min Scan# 11

Delta R.T. 0.013 min

Lab File: VV025100.D

Acq: 18 Mar 2022 16:09

Instrument :

MSVOA_V

ClientSampleId :

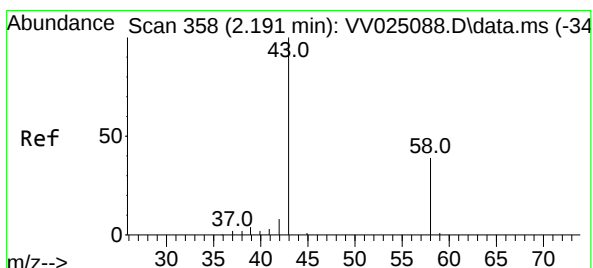
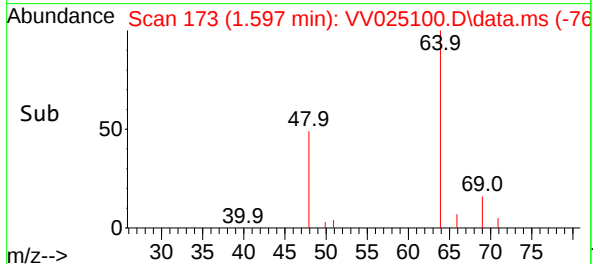
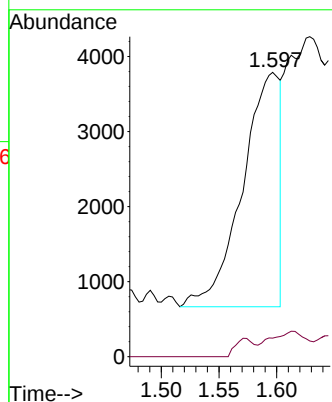
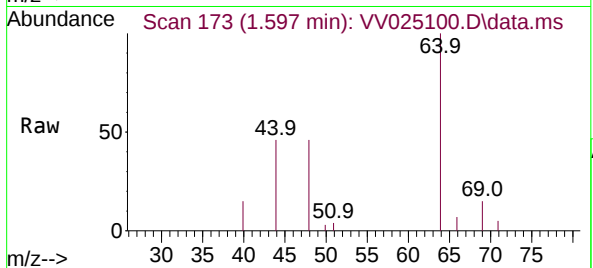
C0QA6

Tgt Ion: 64 Resp: 7072

Ion Ratio Lower Upper

64 100

66 6.5 22.5 41.7#



#13

Acetone

Concen: 3.911 ug/L

RT: 2.185 min Scan# 356

Delta R.T. -0.007 min

Lab File: VV025100.D

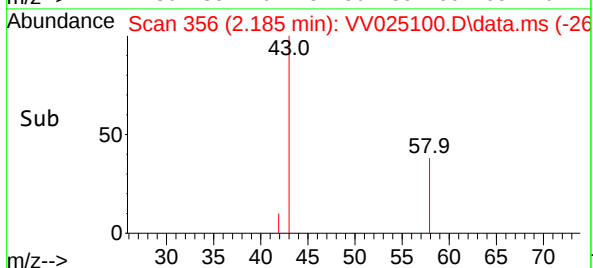
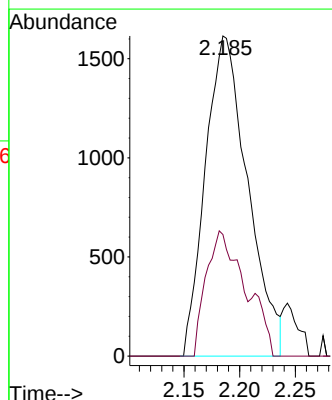
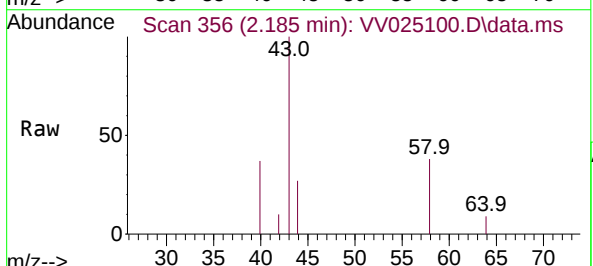
Acq: 18 Mar 2022 16:09

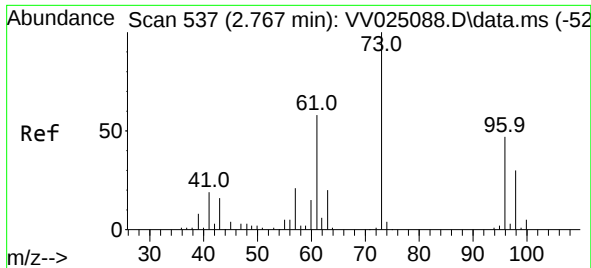
Tgt Ion: 43 Resp: 4270

Ion Ratio Lower Upper

43 100

58 30.0 0.0 54.2

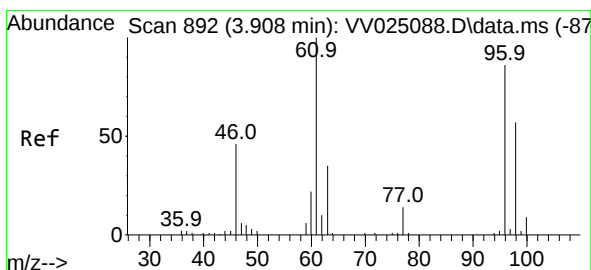
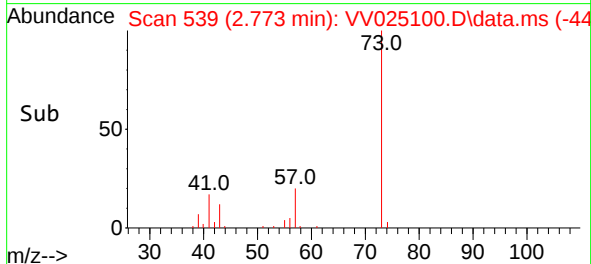
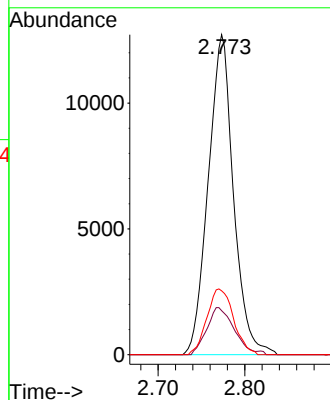
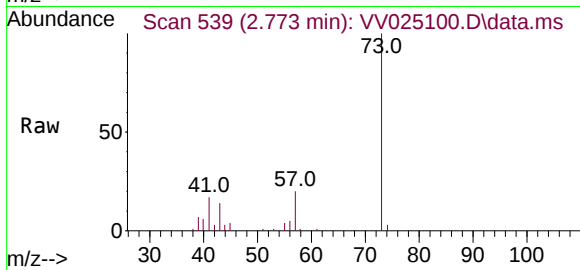




#17
Methyl tert-butyl Ether
Concen: 1.084 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025100.D
Acq: 18 Mar 2022 16:09

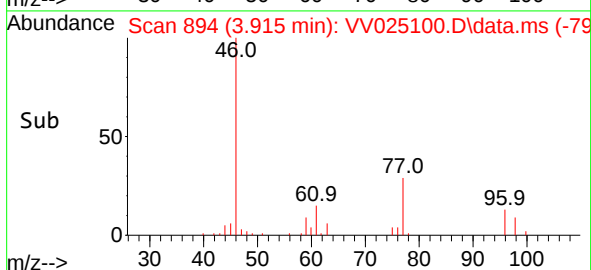
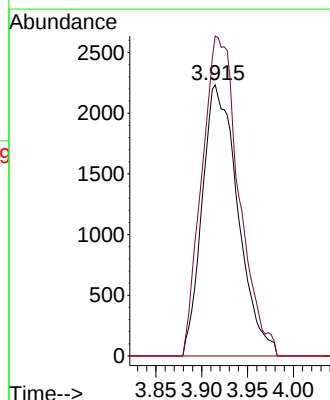
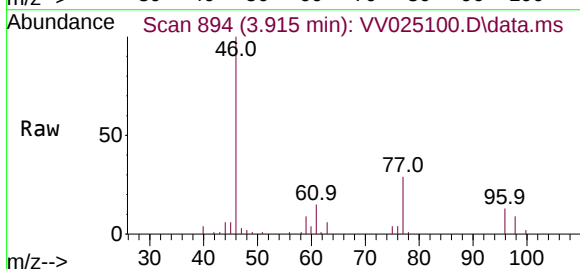
Instrument :
MSVOA_V
ClientSampleId :
C0QA6

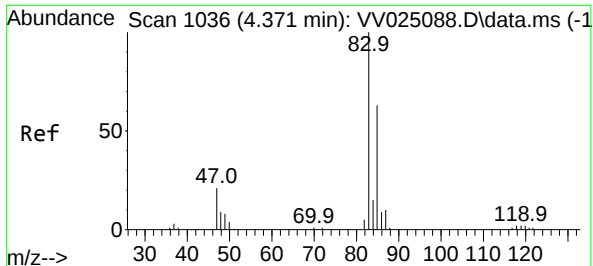
Tgt Ion: 73 Resp: 25748
Ion Ratio Lower Upper
73 100
43 16.1 13.2 19.8
57 21.7 16.7 25.1



#22
cis-1,2-Dichloroethene
Concen: 0.457 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV025100.D
Acq: 18 Mar 2022 16:09

Tgt Ion: 96 Resp: 6050
Ion Ratio Lower Upper
96 100
61 118.0 79.7 147.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.128 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025100.D

Acq: 18 Mar 2022 16:09

Instrument :

MSVOA_V

ClientSampleId :

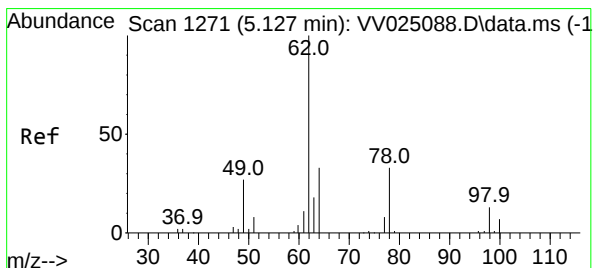
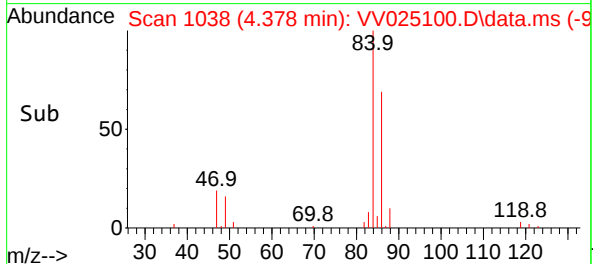
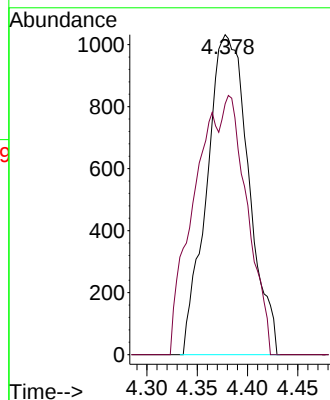
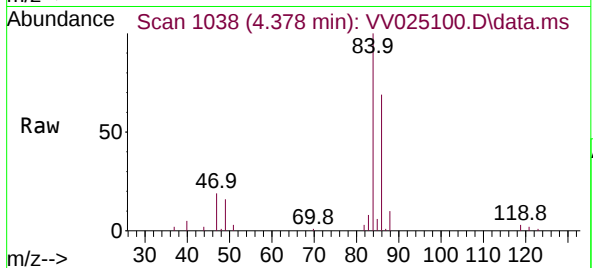
C0QA6

Tgt Ion: 83 Resp: 2983

Ion Ratio Lower Upper

83 100

85 78.4 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.082 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV025100.D

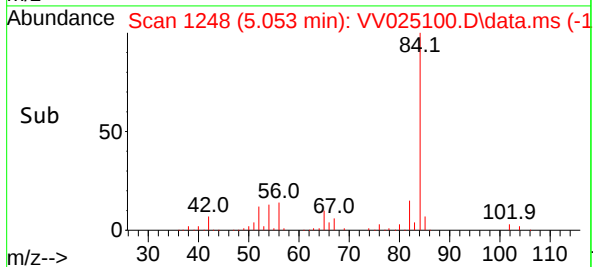
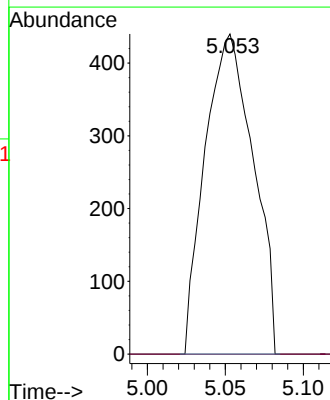
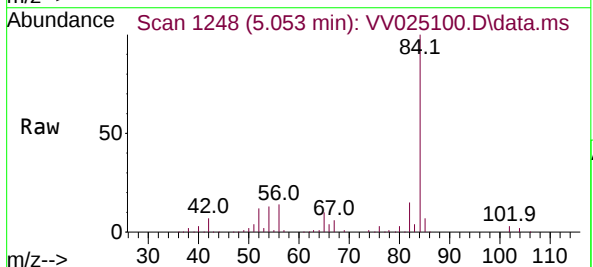
Acq: 18 Mar 2022 16:09

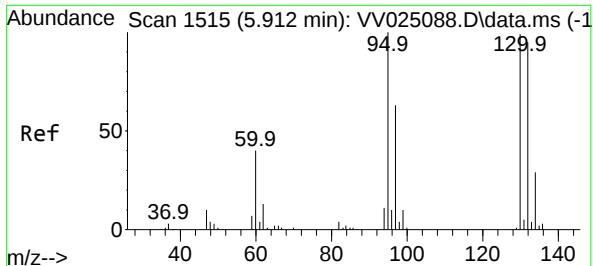
Tgt Ion: 62 Resp: 948

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#34

Trichloroethene

Concen: 0.495 ug/L

RT: 5.921 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV025100.D

Acq: 18 Mar 2022 16:09

Instrument :

MSVOA_V

ClientSampleId :

C0QA6

Tgt Ion: 95 Resp: 6894

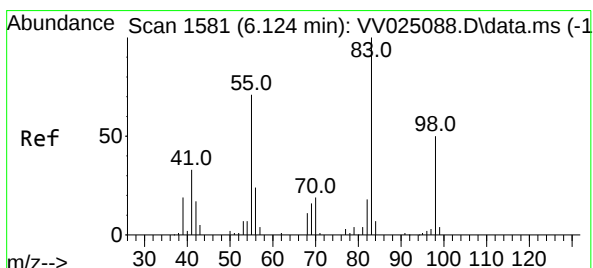
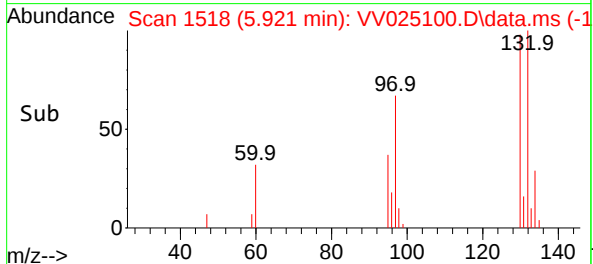
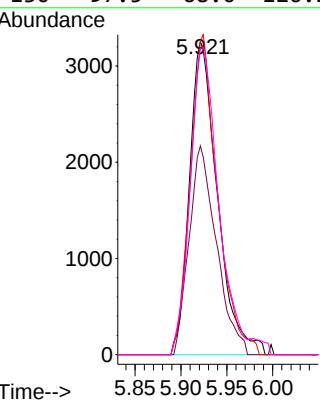
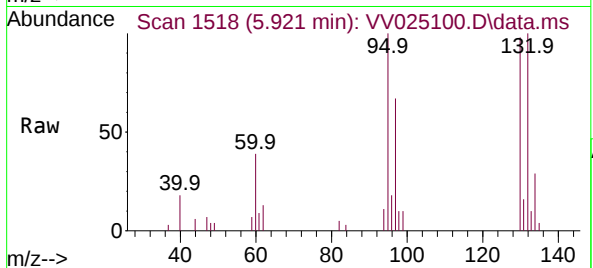
Ion Ratio Lower Upper

95 100

97 66.6 44.5 82.7

132 99.9 66.5 123.5

130 97.5 68.0 126.2



#35

Methylcyclohexane

Concen: 0.632 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.052 min

Lab File: VV025100.D

Acq: 18 Mar 2022 16:09

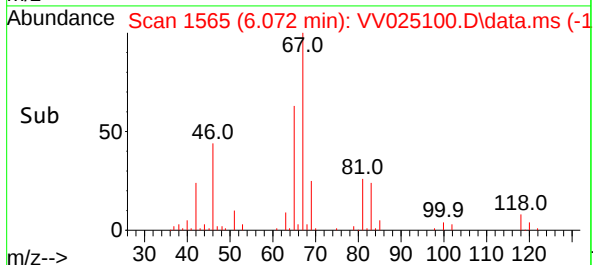
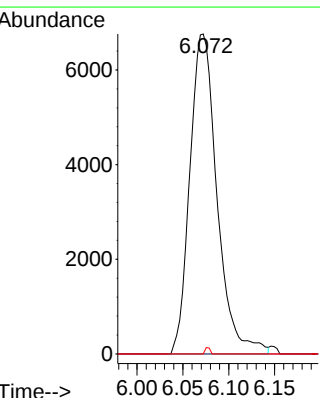
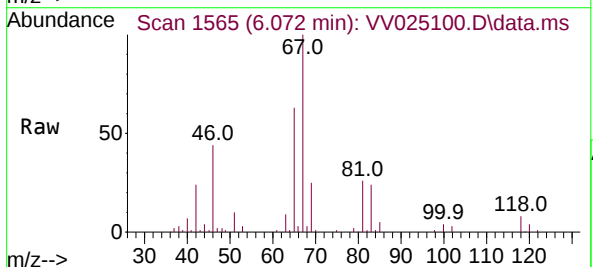
Tgt Ion: 83 Resp: 13956

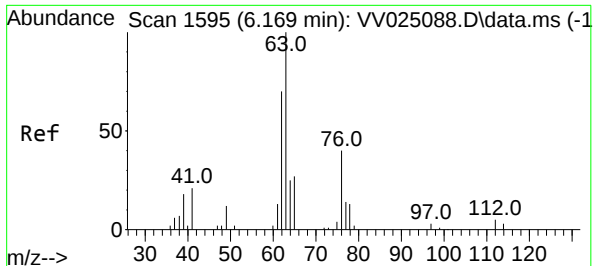
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.4 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.484 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025100.D

Acq: 18 Mar 2022 16:09

Instrument :

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ClientSampleId :

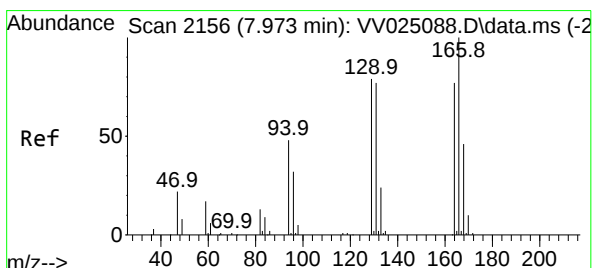
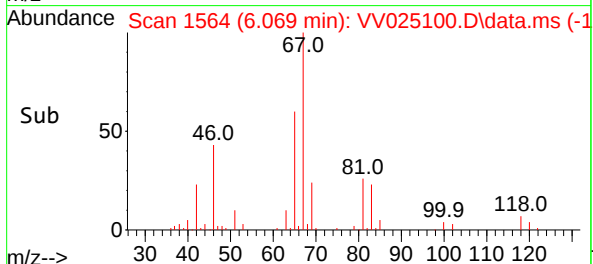
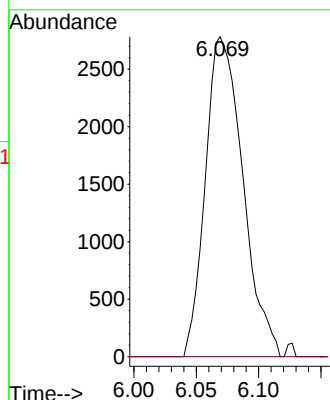
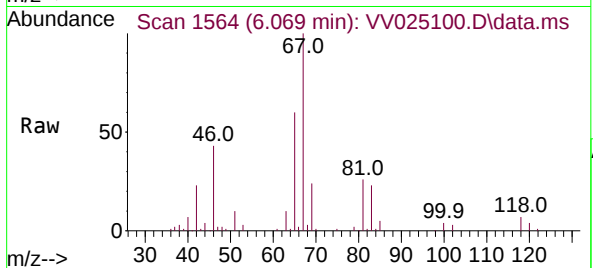
C0QA6

Tgt Ion: 63 Resp: 5825

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#47

Tetrachloroethene

Concen: 0.116 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025100.D

Acq: 18 Mar 2022 16:09

Tgt Ion:164 Resp: 1142

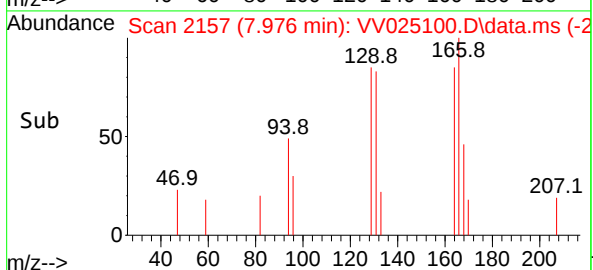
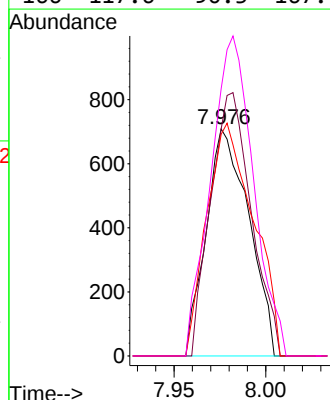
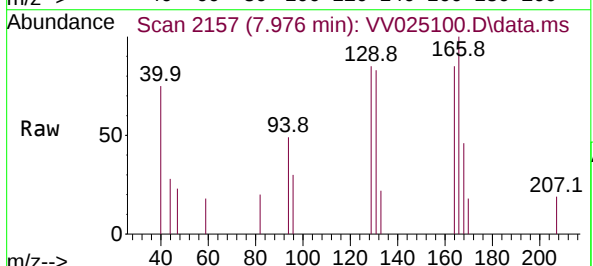
Ion Ratio Lower Upper

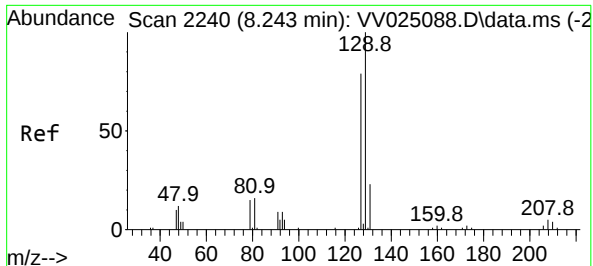
164 100

129 100.0 70.3 130.7

131 97.6 69.4 129.0

166 117.6 90.3 167.7





#49

Dibromochloromethane

Concen: 0.141 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.261 min

Lab File: VV025100.D

Acq: 18 Mar 2022 16:09

Instrument :

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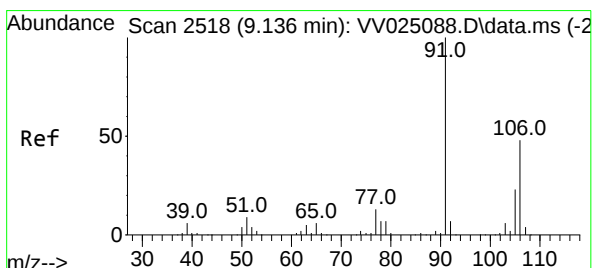
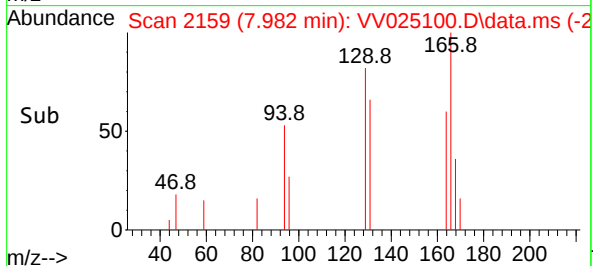
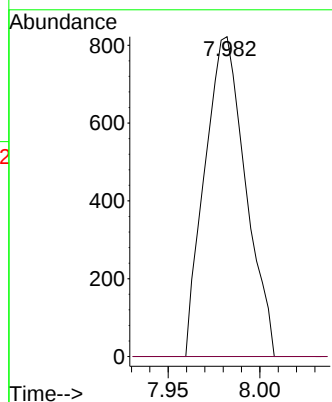
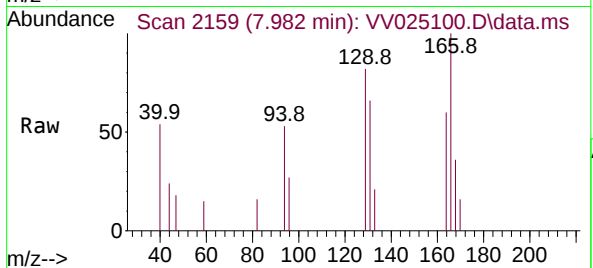
C0QA6

Tgt Ion:129 Resp: 1268

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#53

m,p-xylene

Concen: 0.031 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV025100.D

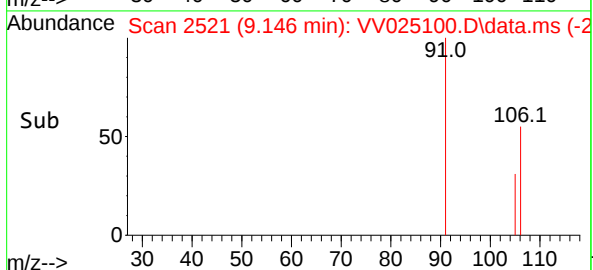
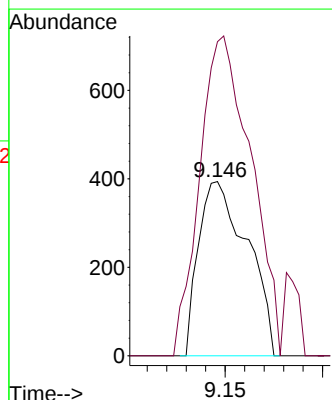
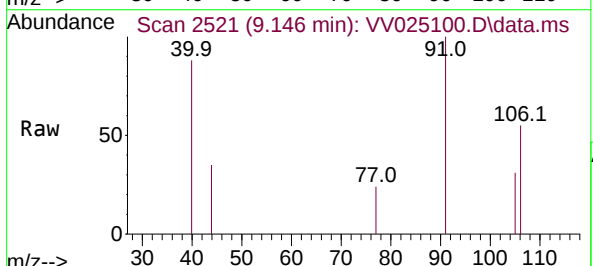
Acq: 18 Mar 2022 16:09

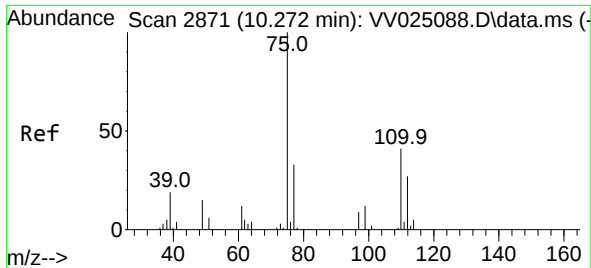
Tgt Ion:106 Resp: 686

Ion Ratio Lower Upper

106 100

91 180.2 143.4 266.4

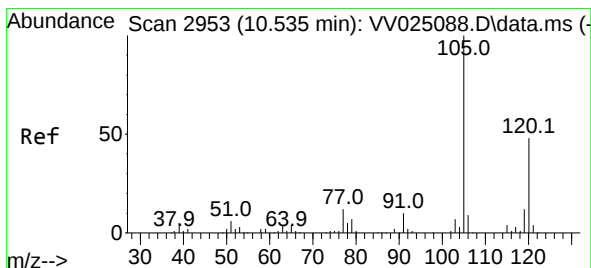
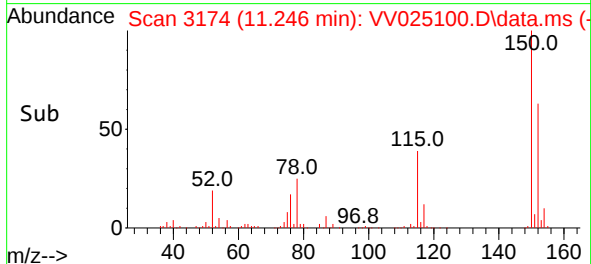
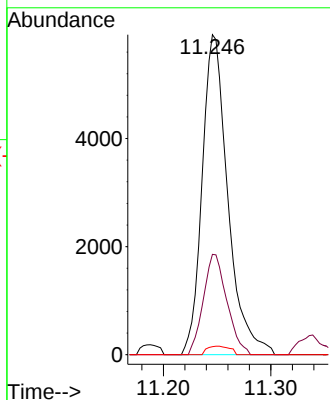
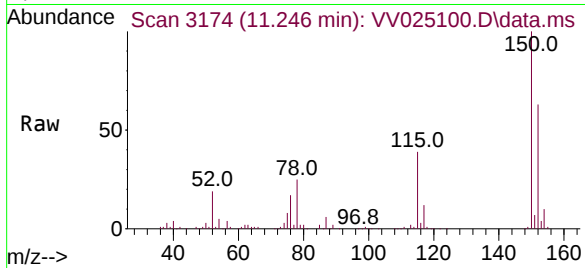




#61
 1,2,3-Trichloropropane
 Concen: 1.568 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025100.D
 Acq: 18 Mar 2022 16:09

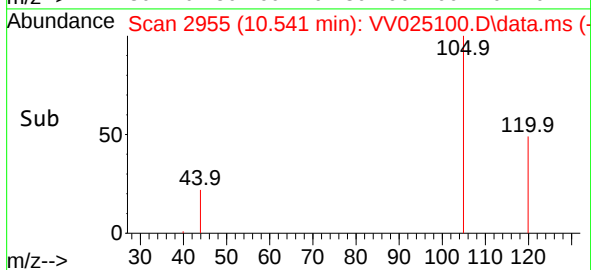
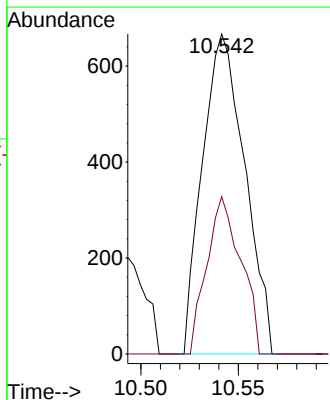
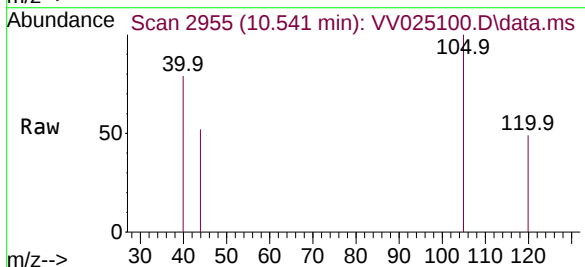
Instrument :
 MSVOA_V
 ClientSampleId :
 C0QA6

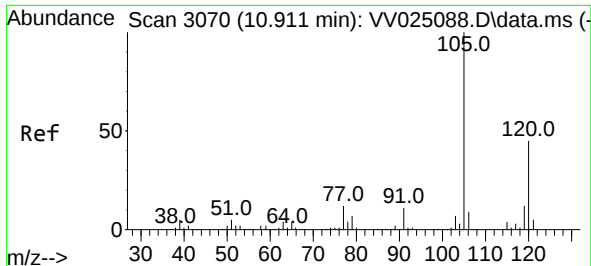
Tgt Ion: 75 Resp: 9841
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.7 38.5
 110 2.3 31.2 46.8#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.039 ug/L
 RT: 10.541 min Scan# 2955
 Delta R.T. 0.006 min
 Lab File: VV025100.D
 Acq: 18 Mar 2022 16:09

Tgt Ion: 105 Resp: 1007
 Ion Ratio Lower Upper
 105 100
 120 39.5 38.5 57.7

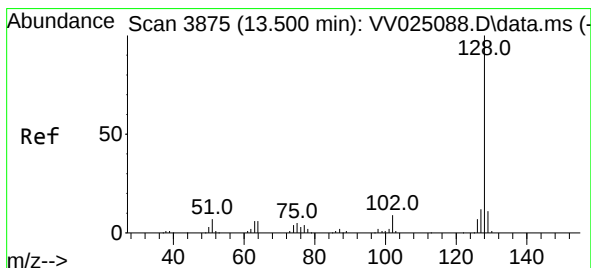
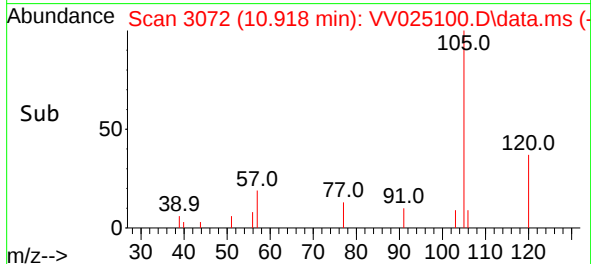
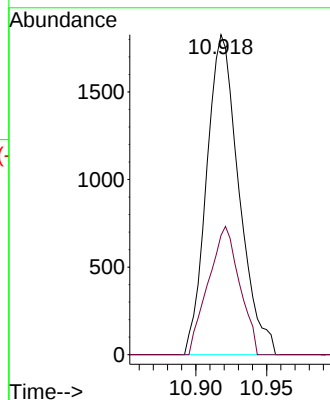
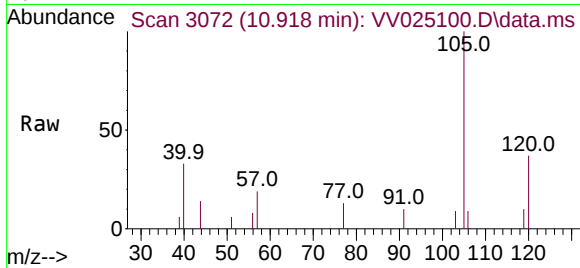




#63
1,2,4-Trimethylbenzene
Concen: 0.064 ug/L
RT: 10.918 min Scan# 3070
Delta R.T. 0.006 min
Lab File: VV025100.D
Acq: 18 Mar 2022 16:09

Instrument :
MSVOA_V
ClientSampleId :
C0QA6

Tgt Ion:105 Resp: 2898
Ion Ratio Lower Upper
105 100
120 38.7 35.8 53.8



#71
Naphthalene
Concen: 1.744 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.003 min
Lab File: VV025100.D
Acq: 18 Mar 2022 16:09

Tgt Ion:128 Resp: 38910
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 12.8 9.8 14.8

