

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060622\
 Data File : VV025995.D
 Acq On : 06 Jun 2022 12:10
 Operator : SY/MD
 Sample : N3171-16
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBTY2

Quant Time: Jun 07 02:27:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 07 02:25:55 2022
 Response via : Initial Calibration

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

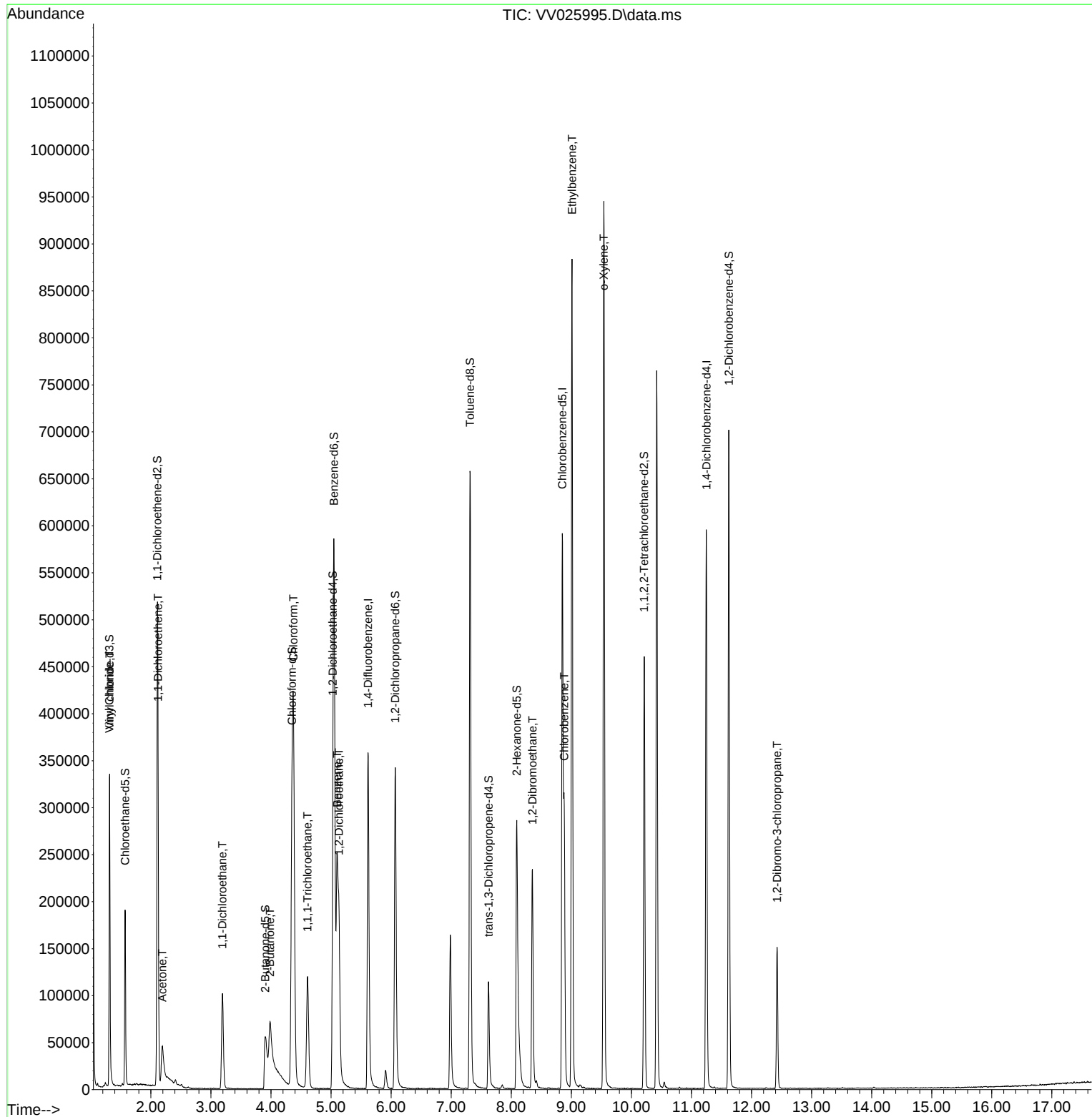
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	314095	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	321190	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	157839	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	139483	34.409	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	68.820%	
7) Chloroethane-d5	1.571	69	122127	34.307	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	68.620%#	
11) 1,1-Dichloroethene-d2	2.108	63	244489	34.485	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.960%	
21) 2-Butanone-d5	3.905	46	136885	78.785	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	78.780%	
24) Chloroform-d	4.349	84	278700	49.223	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	98.440%	
26) 1,2-Dichloroethane-d4	5.030	65	160220	46.822	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.640%	
32) Benzene-d6	5.050	84	519288	46.377	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.760%	
36) 1,2-Dichloropropane-d6	6.069	67	171408	49.841	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	99.680%	
41) Toluene-d8	7.313	98	446336	43.263	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.520%	
43) trans-1,3-Dichloroprop...	7.622	79	69365	45.184	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.360%	
47) 2-Hexanone-d5	8.091	63	120766	95.781	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	95.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	225932	49.263	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	98.520%	
66) 1,2-Dichlorobenzene-d4	11.622	152	181679	52.473	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	104.940%	
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	101059	25.309	ug/L	98
12) 1,1-Dichloroethene	2.121	96	54658	18.433	ug/L #	68
13) Acetone	2.191	43	89750	75.697	ug/L	96
19) 1,1-Dichloroethane	3.191	63	103242	21.697	ug/L	99
22) 2-Butanone	3.985	43	141299	89.364	ug/L	100
25) Chloroform	4.375	83	337713	66.976	ug/L	97
27) 1,2-Dichloroethane	5.130	62	149451	39.203	ug/L	96
30) 1,1,1-Trichloroethane	4.609	97	95024	21.784	ug/L	99
33) Benzene	5.101	78	246914	22.831	ug/L	100
50) 1,2-Dibromoethane	8.352	107	158827	56.580	ug/L	98
51) Chlorobenzene	8.882	112	162274	21.843	ug/L	99
52) Ethylbenzene	9.011	91	607150	50.725	ug/L	99
54) o-Xylene	9.542	106	250005	54.819	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	36597	50.739	ug/L	94

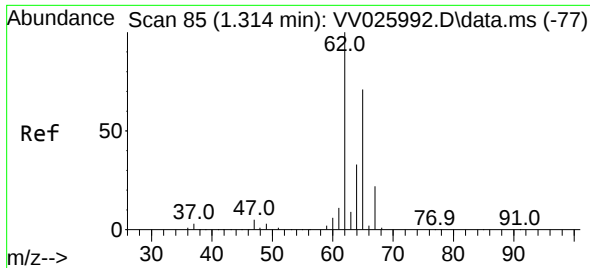
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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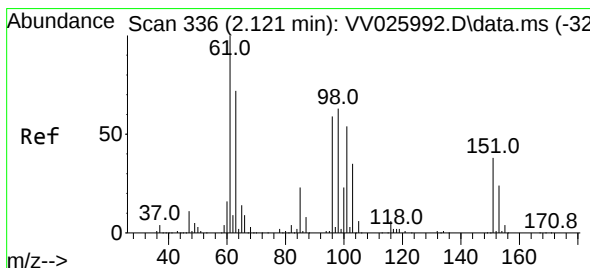
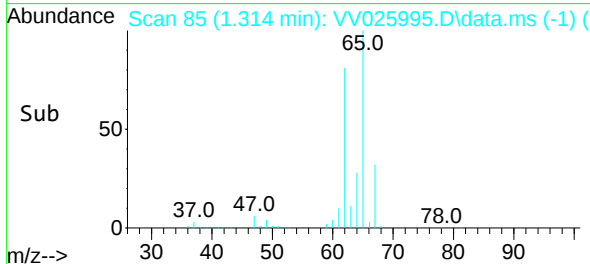
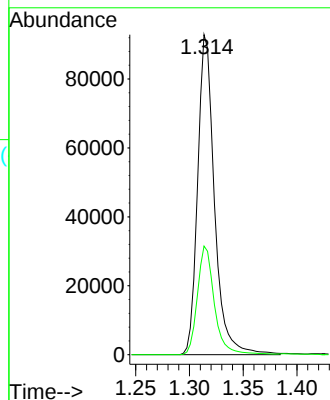
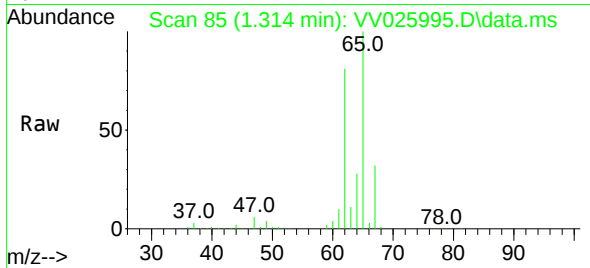




#5
 Vinyl chloride
 Concen: 25.309 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025995.D
 Acq: 06 Jun 2022 12:10

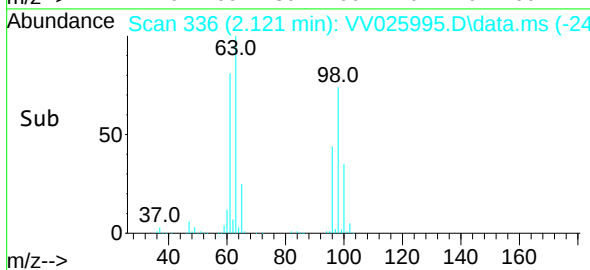
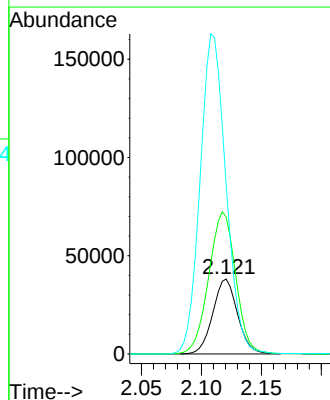
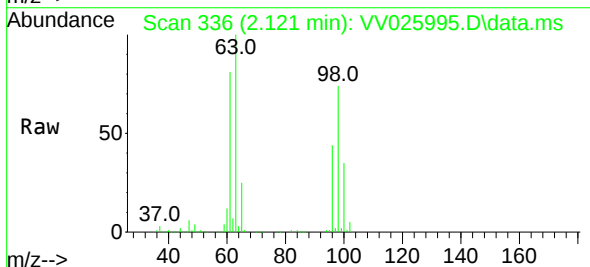
Instrument :
 MSVOA_V
 ClientSampleId :
 DBTY2

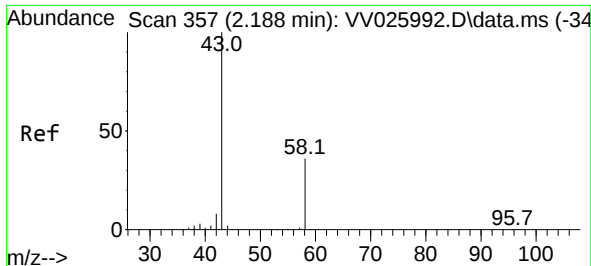
Tgt Ion: 62 Resp: 101059
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 18.433 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025995.D
 Acq: 06 Jun 2022 12:10

Tgt Ion: 96 Resp: 54658
 Ion Ratio Lower Upper
 96 100
 61 183.0 124.6 231.4
 63 227.2 101.6 188.6#





#13

Acetone

Concen: 75.697 ug/L

RT: 2.191 min Scan# 357

Delta R.T. 0.003 min

Lab File: VV025995.D

Acq: 06 Jun 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

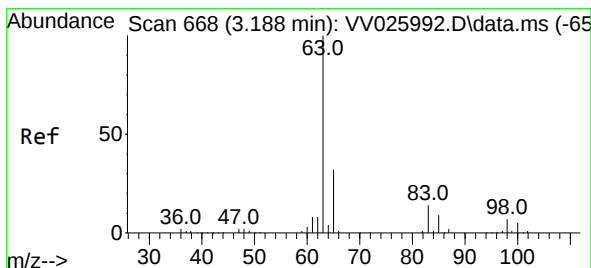
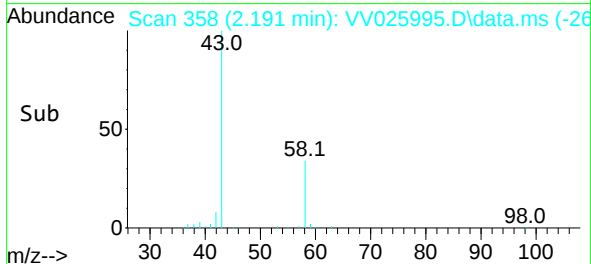
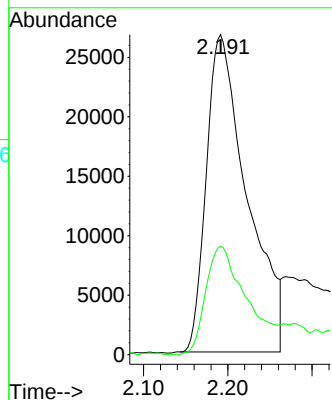
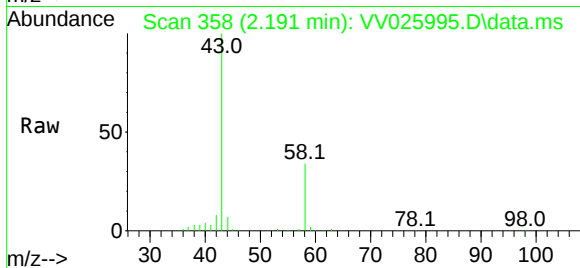
DBTY2

Tgt Ion: 43 Resp: 89750

Ion Ratio Lower Upper

43 100

58 34.7 0.0 65.0



#19

1,1-Dichloroethane

Concen: 21.697 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV025995.D

Acq: 06 Jun 2022 12:10

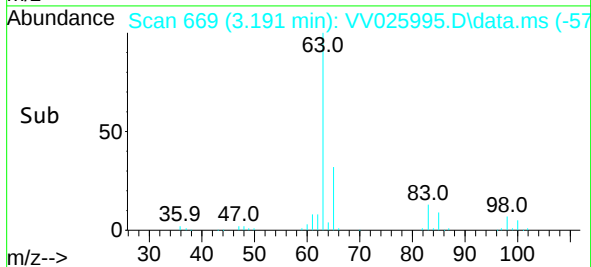
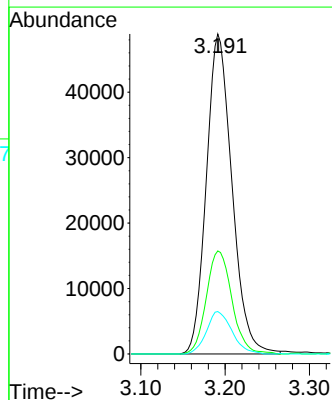
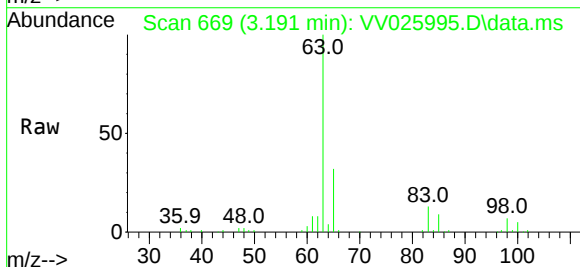
Tgt Ion: 63 Resp: 103242

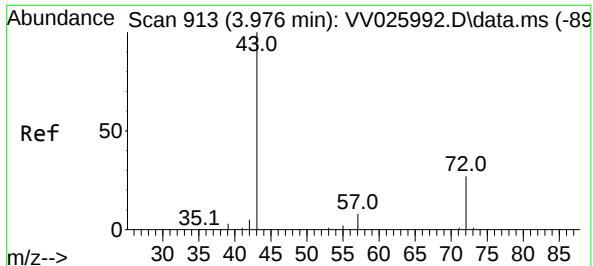
Ion Ratio Lower Upper

63 100

65 32.2 22.0 40.8

83 13.3 9.2 17.0





#22

2-Butanone

Concen: 89.364 ug/L

RT: 3.985 min Scan# 91

Delta R.T. 0.010 min

Lab File: VV025995.D

Acq: 06 Jun 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

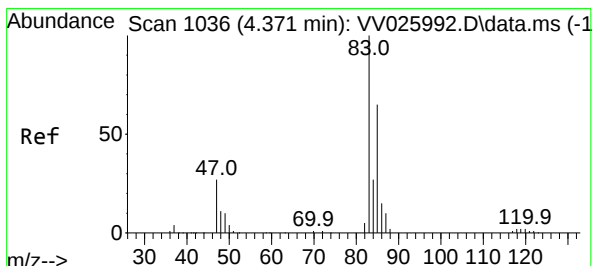
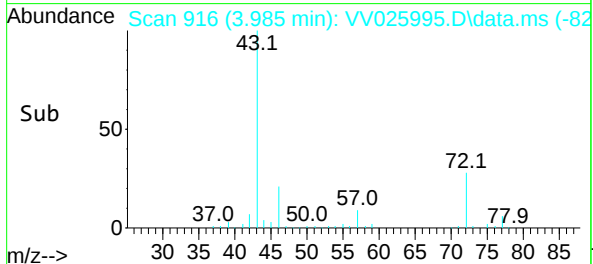
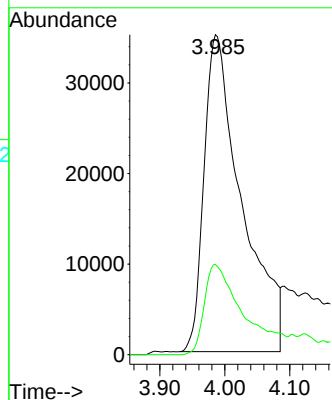
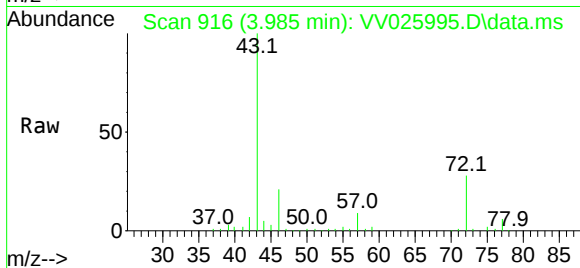
DBTY2

Tgt Ion: 43 Resp: 141299

Ion Ratio Lower Upper

43 100

72 27.3 13.8 41.4



#25

Chloroform

Concen: 66.976 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV025995.D

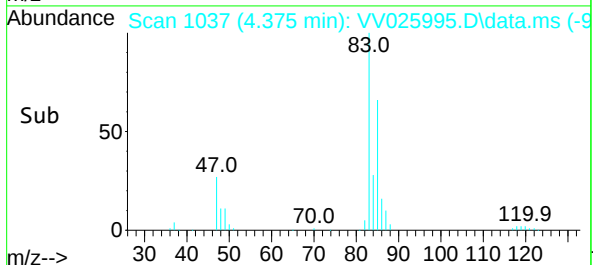
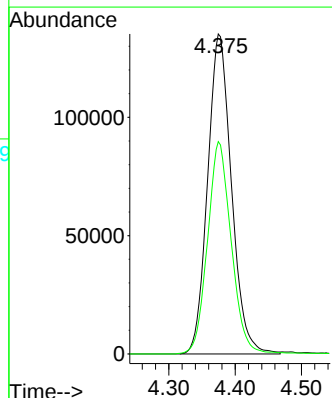
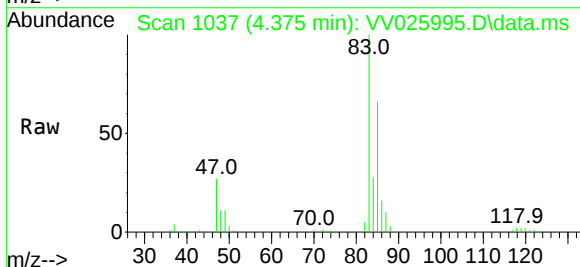
Acq: 06 Jun 2022 12:10

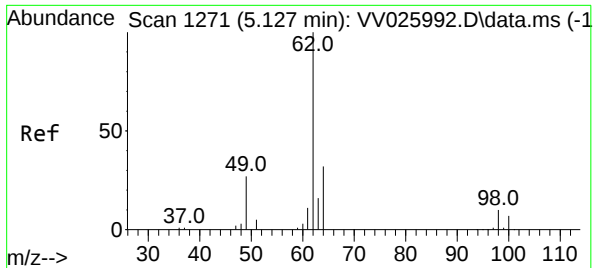
Tgt Ion: 83 Resp: 337713

Ion Ratio Lower Upper

83 100

85 66.3 44.9 83.3





#27

1,2-Dichloroethane

Concen: 39.203 ug/L

RT: 5.130 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV025995.D

Acq: 06 Jun 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

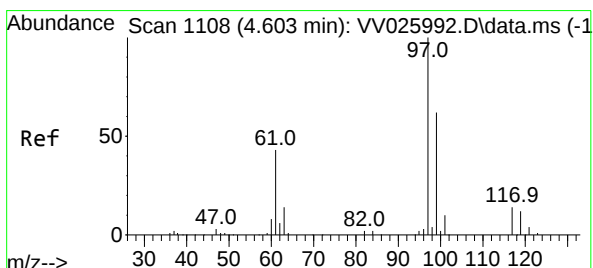
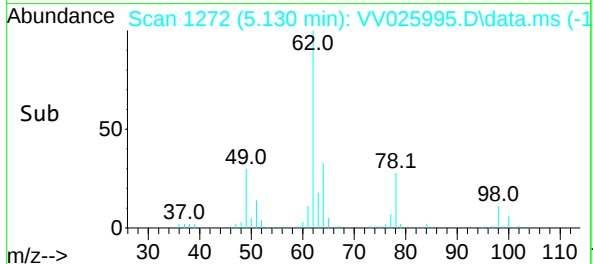
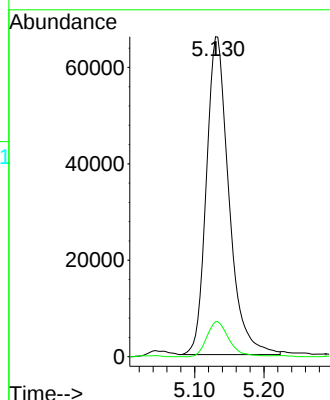
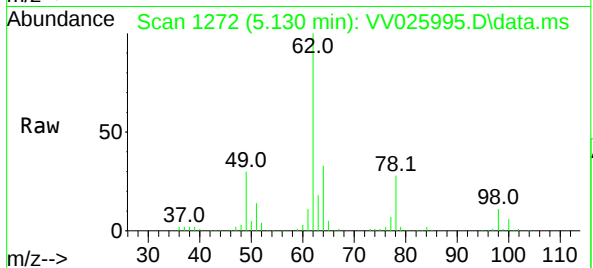
DBTY2

Tgt Ion: 62 Resp: 149451

Ion Ratio Lower Upper

62 100

98 11.0 7.7 11.5



#30

1,1,1-Trichloroethane

Concen: 21.784 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV025995.D

Acq: 06 Jun 2022 12:10

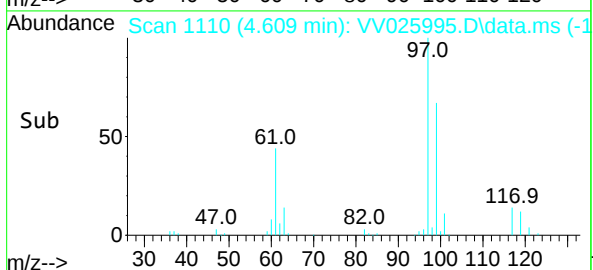
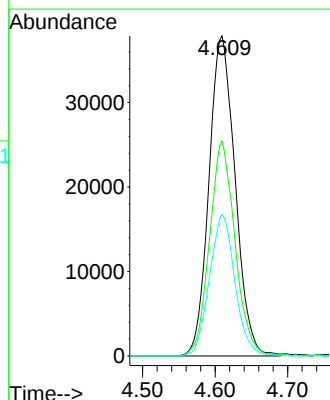
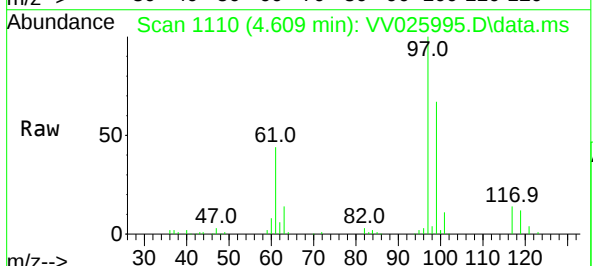
Tgt Ion: 97 Resp: 95024

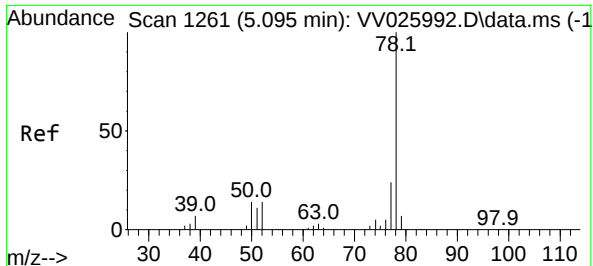
Ion Ratio Lower Upper

97 100

99 65.1 52.6 78.8

61 43.1 35.6 53.4

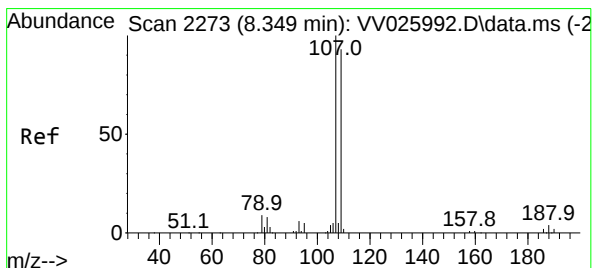
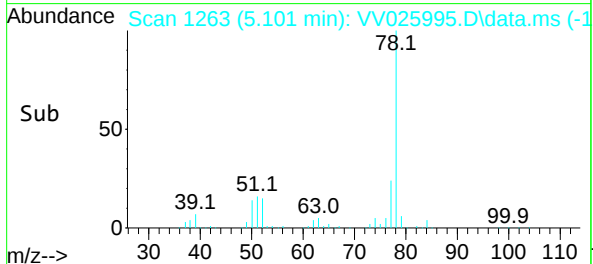
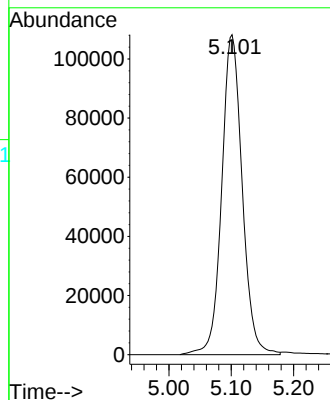
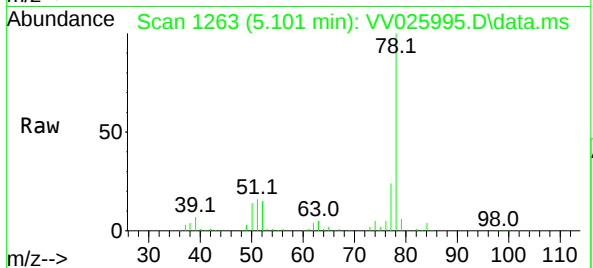




#33
Benzene
Concen: 22.831 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025995.D
Acq: 06 Jun 2022 12:10

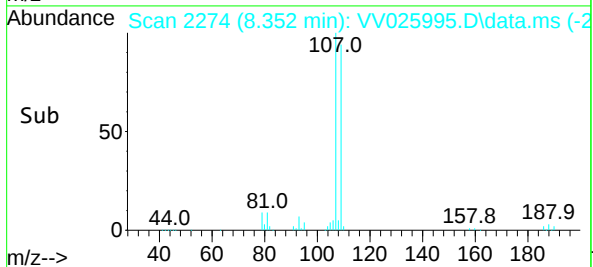
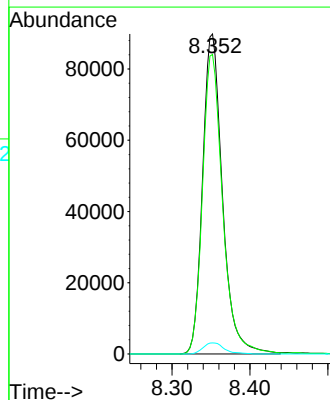
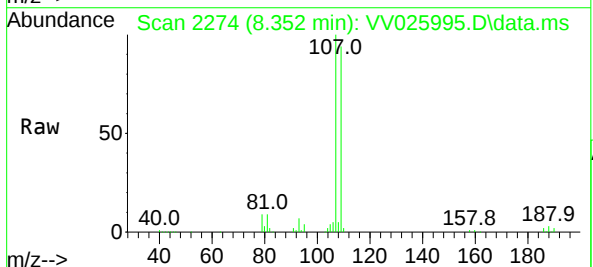
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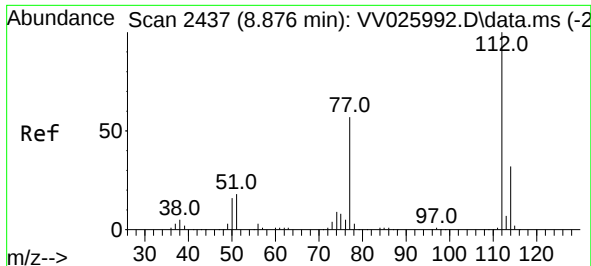
Tgt Ion: 78 Resp: 246914



#50
1,2-Dibromoethane
Concen: 56.580 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.003 min
Lab File: VV025995.D
Acq: 06 Jun 2022 12:10

Tgt Ion: 107 Resp: 158827
Ion Ratio Lower Upper
107 100
109 93.6 64.1 119.1
188 3.4 2.6 3.8

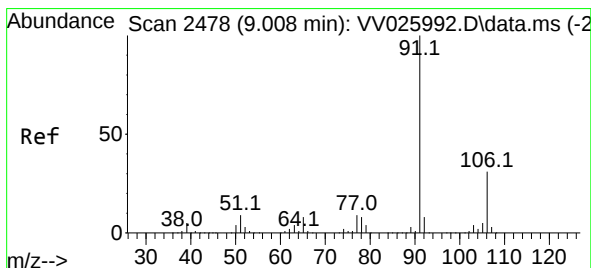
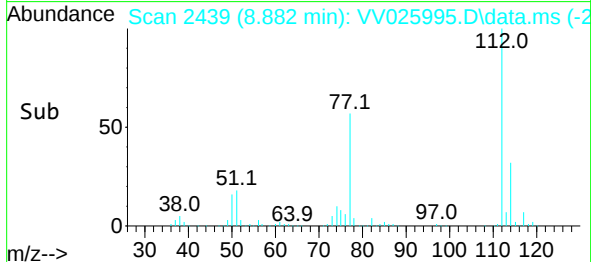
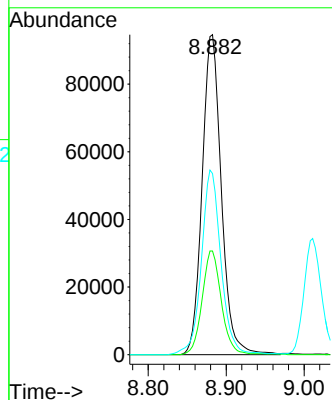
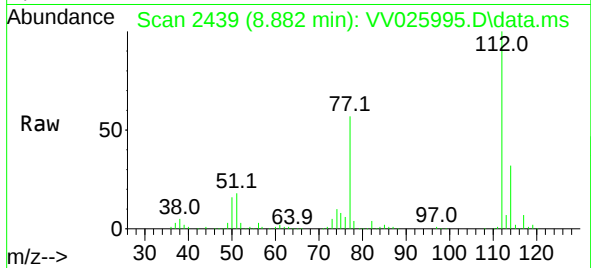




#51
Chlorobenzene
Concen: 21.843 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.006 min
Lab File: VV025995.D
Acq: 06 Jun 2022 12:10

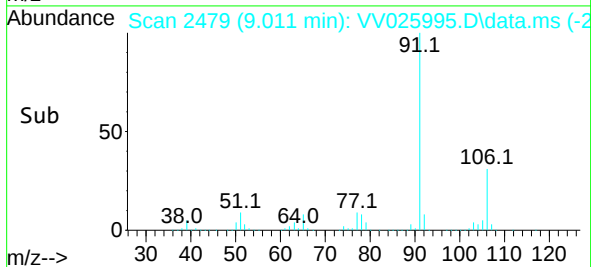
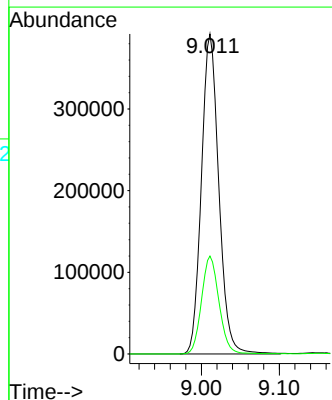
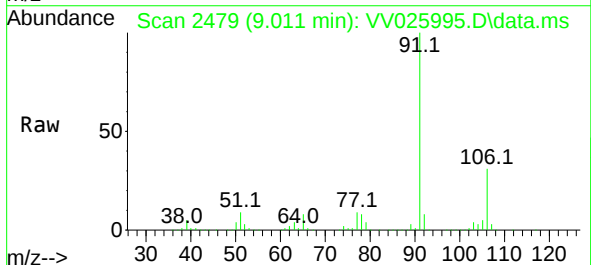
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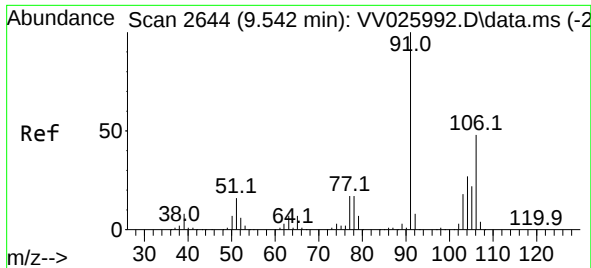
Tgt Ion:112 Resp: 162274
Ion Ratio Lower Upper
112 100
114 32.4 22.0 40.8
77 56.6 45.3 67.9



#52
Ethylbenzene
Concen: 50.725 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV025995.D
Acq: 06 Jun 2022 12:10

Tgt Ion: 91 Resp: 607150
Ion Ratio Lower Upper
91 100
106 30.6 21.8 40.6

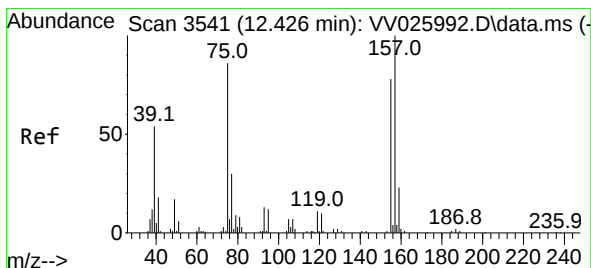
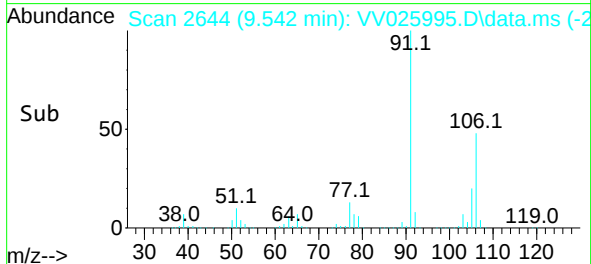
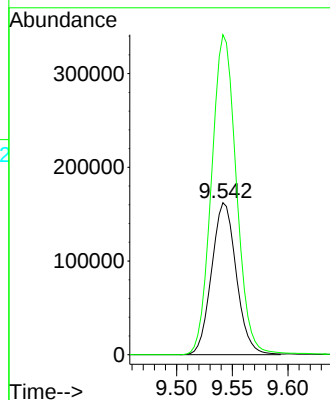
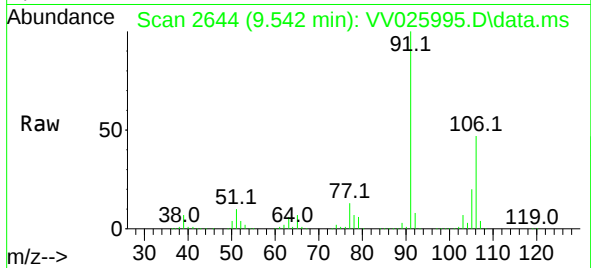




#54
o-Xylene
Concen: 54.819 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025995.D
Acq: 06 Jun 2022 12:10

Instrument :
MSVOA_V
ClientSampleId :
DBTY2

Tgt Ion:106 Resp: 250005
Ion Ratio Lower Upper
106 100
91 210.6 147.4 273.8



#68
1,2-Dibromo-3-chloropropane
Concen: 50.739 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025995.D
Acq: 06 Jun 2022 12:10

Tgt Ion: 75 Resp: 36597
Ion Ratio Lower Upper
75 100
155 86.9 66.8 100.2
157 111.7 82.5 123.7

