

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112522\
 Data File : VW029353.D
 Acq On : 25 Nov 2022 14:09
 Operator : SY/MD
 Sample : N5725-15DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB68DL

Quant Time: Nov 25 21:31:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 25 21:27:54 2022
 Response via : Initial Calibration

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

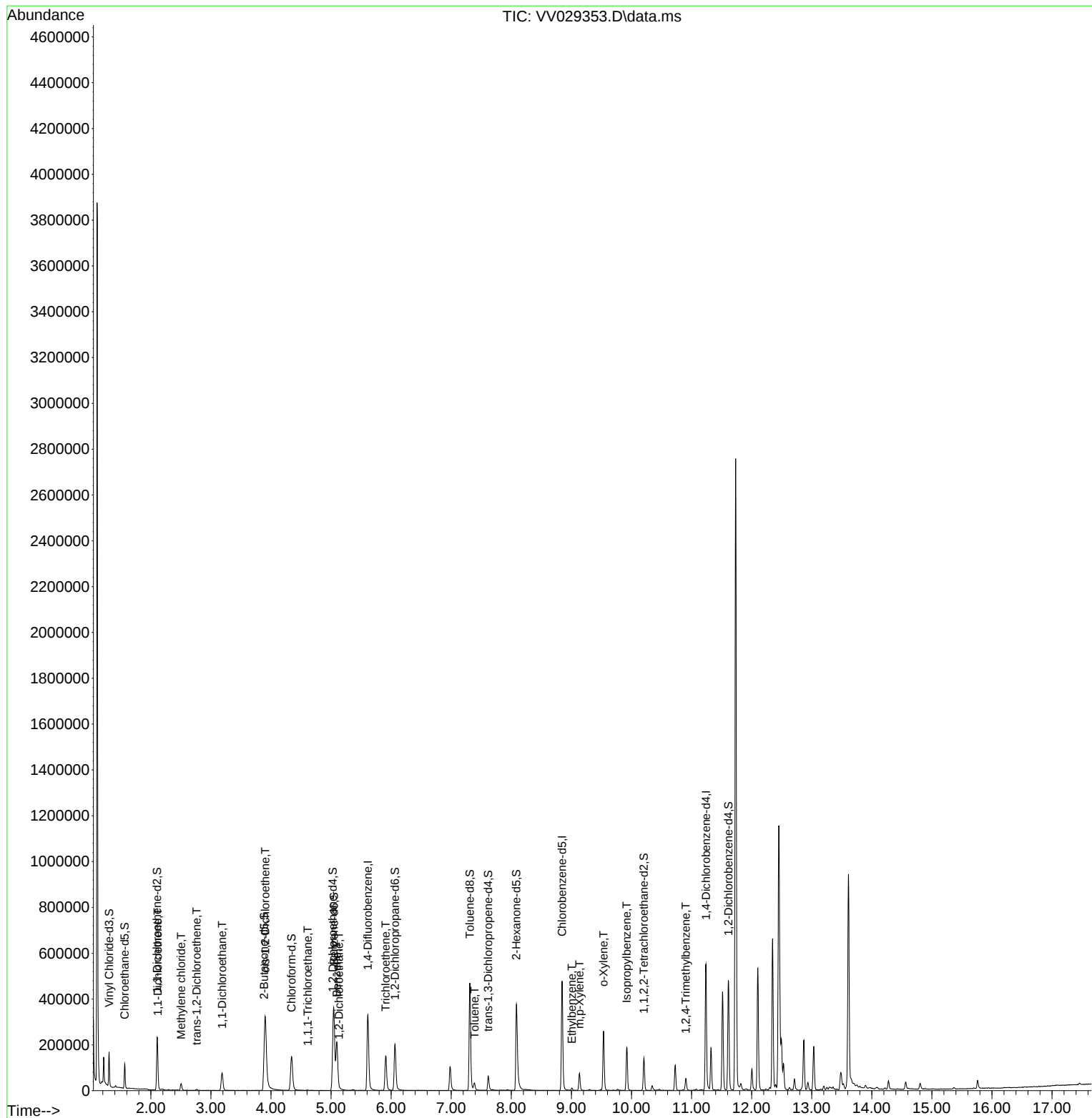
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	313092	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	277602	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	149339	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	90635	4.704	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.000%	
7) Chloroethane-d5	1.565	69	67947	4.817	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.105	63	114377	3.710	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.200%	
20) 2-Butanone-d5	3.886	46	175967	54.593	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.180%	
24) Chloroform-d	4.343	84	161101	4.684	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
26) 1,2-Dichloroethane-d4	5.027	65	76609	5.063	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.200%	
32) Benzene-d6	5.047	84	357344	4.658	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
36) 1,2-Dichloropropane-d6	6.063	67	106078	4.920	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.400%	
41) Toluene-d8	7.310	98	333855	4.610	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
43) trans-1,3-Dichloroprop...	7.616	79	37972	4.568	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.085	63	141723	47.834	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.660%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	70077	5.268	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.400%	
66) 1,2-Dichlorobenzene-d4	11.612	152	126701	4.857	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	13171	0.818	ug/L #	1
16) Methylene chloride	2.503	84	12827	0.521	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	1456	0.079	ug/L	93
19) 1,1-Dichloroethane	3.185	63	81657	2.456	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	145559	6.887	ug/L	99
27) 1,2-Dichloroethane	5.130	62	2768	0.147	ug/L #	72
29) 1,1,1-Trichloroethane	4.613	97	1454	0.046	ug/L #	91
33) Benzene	5.095	78	225521	2.716	ug/L	100
34) Trichloroethene	5.908	95	55487	2.620	ug/L	95
42) Toluene	7.388	91	23746	0.266	ug/L	93
52) Ethylbenzene	9.008	91	7233	0.078	ug/L	99
53) m,p-Xylene	9.133	106	21883	0.597	ug/L	98
54) o-Xylene	9.535	106	71422	1.984	ug/L	99
60) Isopropylbenzene	9.921	105	124733	1.292	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	28874	0.343	ug/L	100

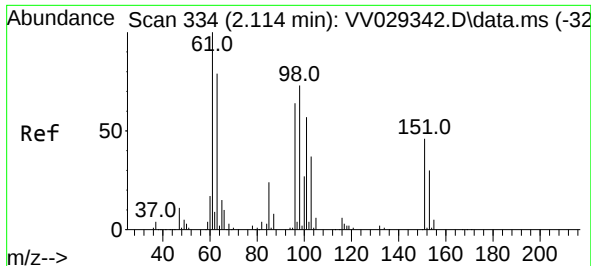
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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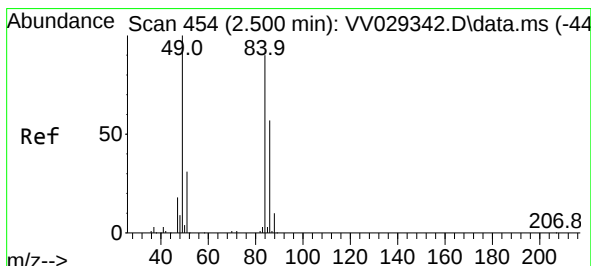
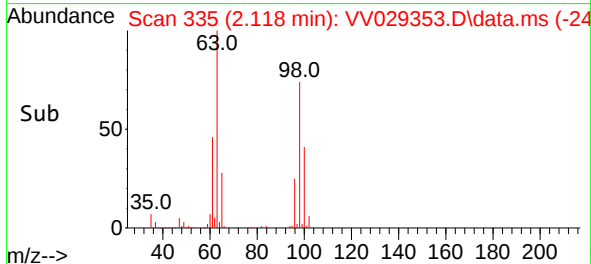
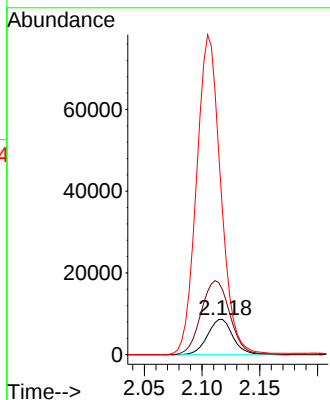
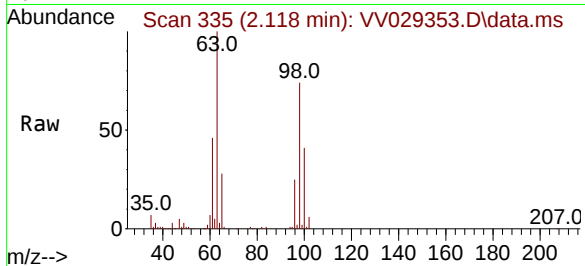




#12
1,1-Dichloroethene
Concen: 0.818 ug/L
RT: 2.118 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV029353.D
Acq: 25 Nov 2022 14:09

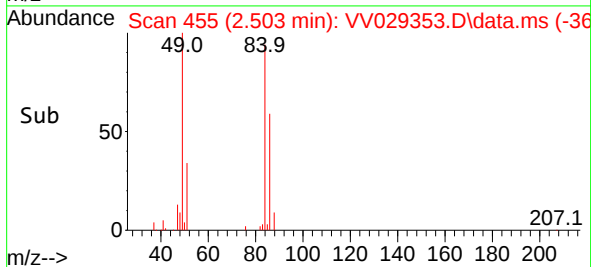
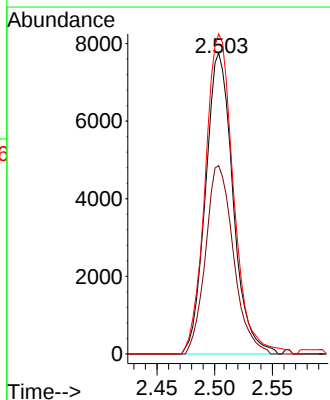
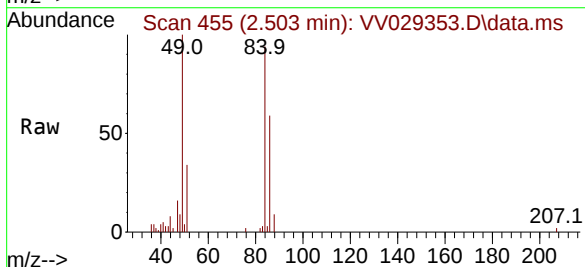
Instrument :
MSVOA_V
ClientSampleId :
BHB68DL

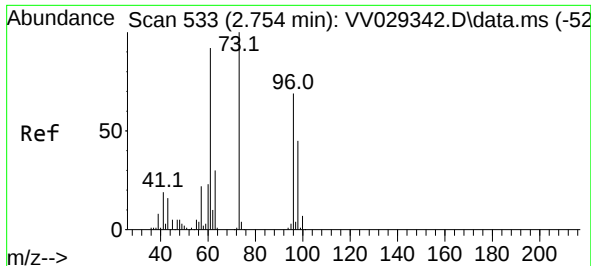
Tgt Ion: 96 Resp: 13171
Ion Ratio Lower Upper
96 100
61 184.9 110.3 204.9
63 405.9 84.4 156.8#



#16
Methylene chloride
Concen: 0.521 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029353.D
Acq: 25 Nov 2022 14:09

Tgt Ion: 84 Resp: 12827
Ion Ratio Lower Upper
84 100
86 62.5 45.6 84.6
49 106.2 77.8 144.4

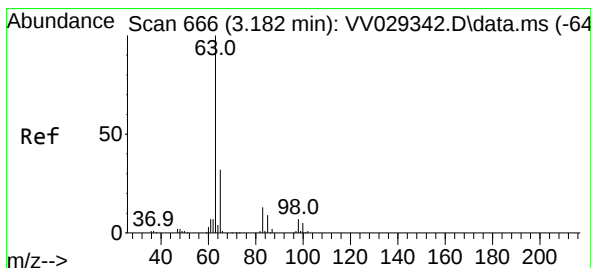
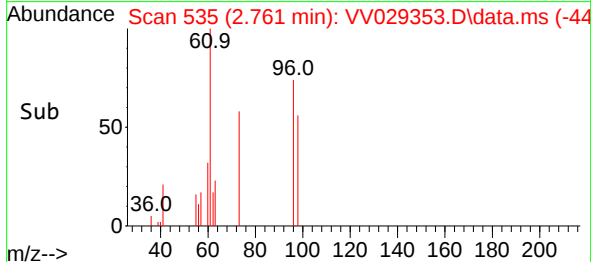
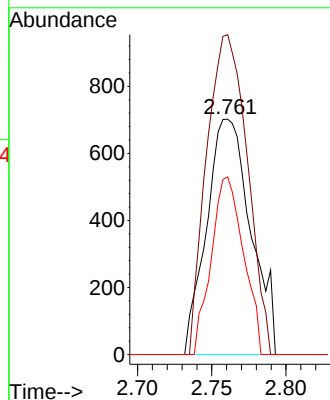
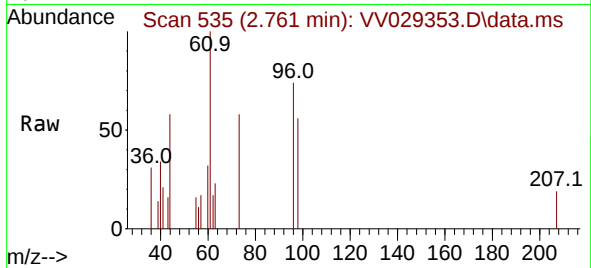




#18
trans-1,2-Dichloroethene
Concen: 0.079 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV029353.D
Acq: 25 Nov 2022 14:09

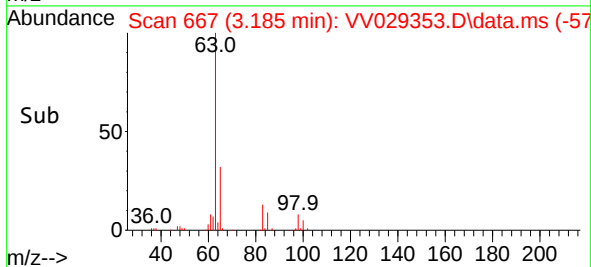
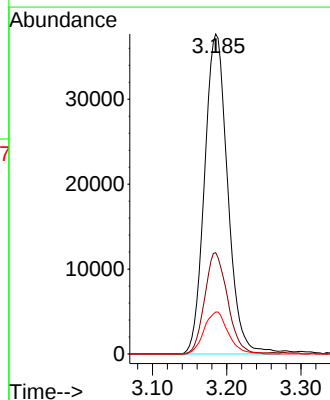
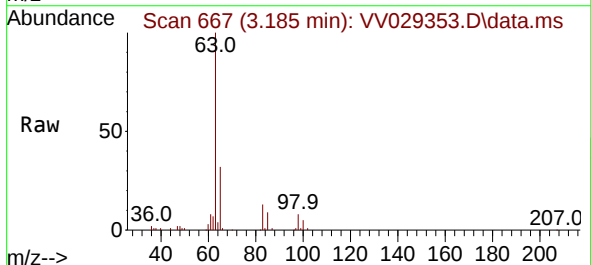
Instrument :
MSVOA_V
ClientSampleId :
BHB68DL

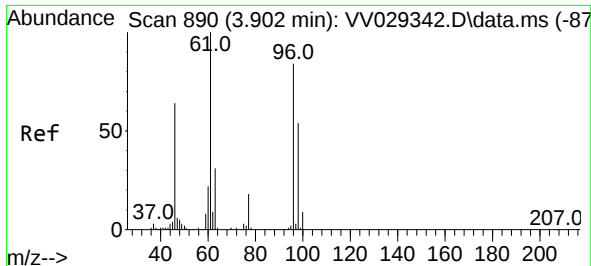
Tgt Ion: 96 Resp: 1456
Ion Ratio Lower Upper
96 100
61 135.9 93.0 172.6
98 75.5 44.0 81.8



#19
1,1-Dichloroethane
Concen: 2.456 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV029353.D
Acq: 25 Nov 2022 14:09

Tgt Ion: 63 Resp: 81657
Ion Ratio Lower Upper
63 100
65 31.7 21.6 40.2
83 13.1 10.3 19.1

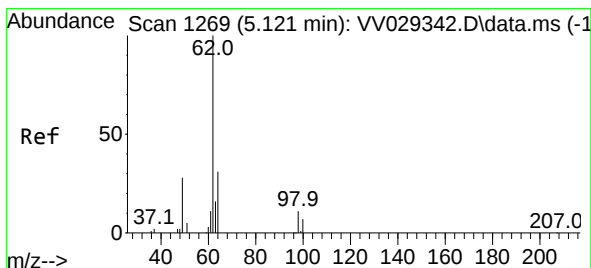
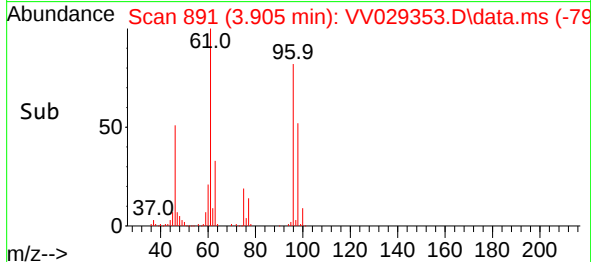
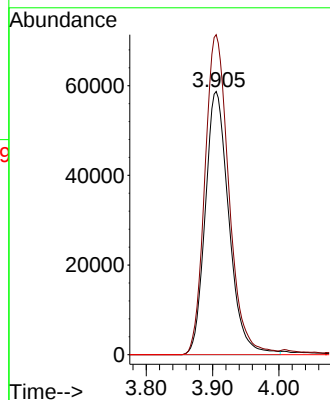
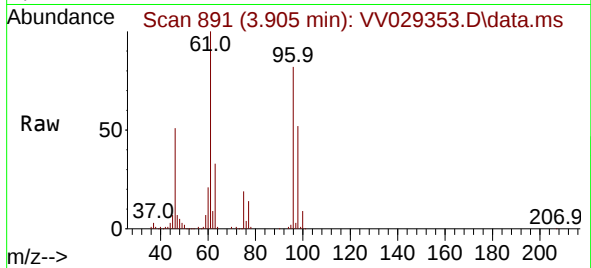




#22
 cis-1,2-Dichloroethene
 Concen: 6.887 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029353.D
 Acq: 25 Nov 2022 14:09

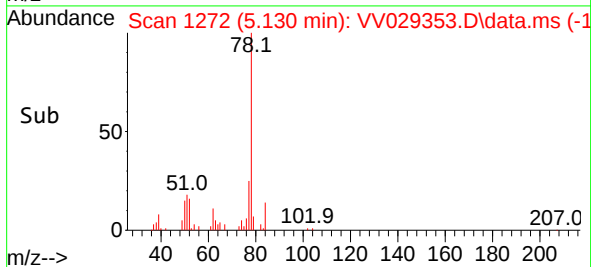
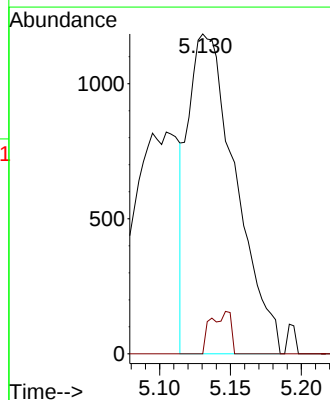
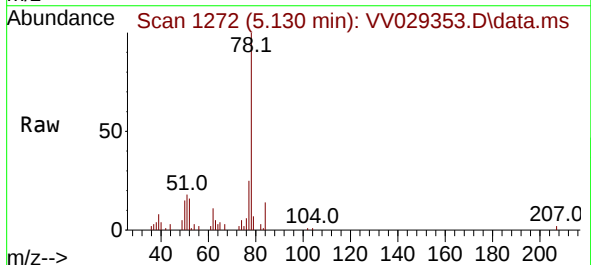
Instrument :
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 ClientSampleId :
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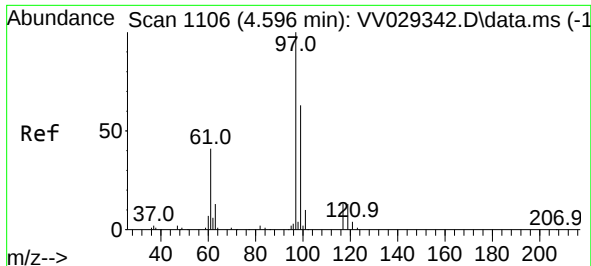
Tgt Ion: 96 Resp: 145559
 Ion Ratio Lower Upper
 96 100
 61 121.6 85.8 159.3
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.147 ug/L
 RT: 5.130 min Scan# 1272
 Delta R.T. 0.010 min
 Lab File: VV029353.D
 Acq: 25 Nov 2022 14:09

Tgt Ion: 62 Resp: 2768
 Ion Ratio Lower Upper
 62 100
 98 0.0 8.4 12.6#





#29

1,1,1-Trichloroethane

Concen: 0.046 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.016 min

Lab File: VV029353.D

Acq: 25 Nov 2022 14:09

Instrument :

MSVOA_V

ClientSampleId :

BHB68DL

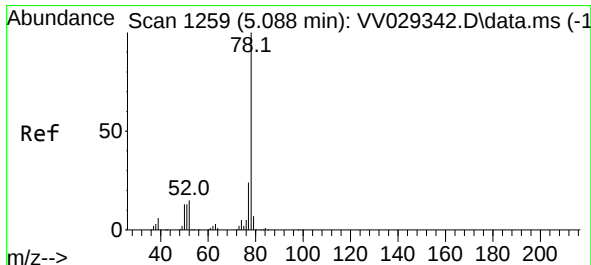
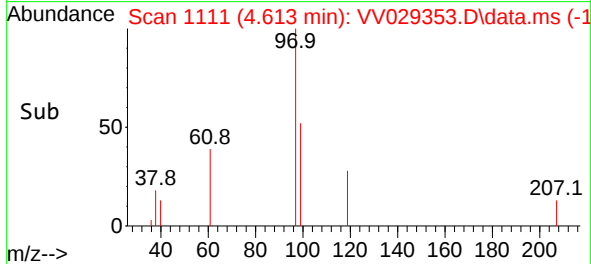
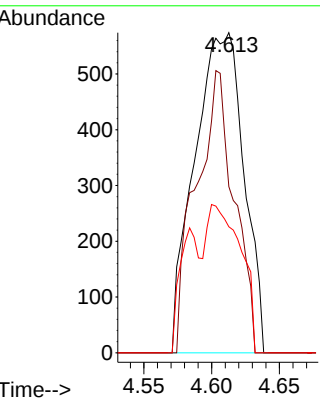
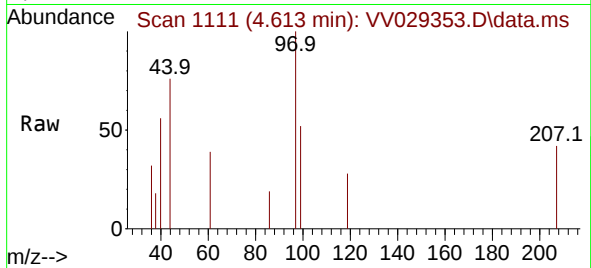
Tgt Ion: 97 Resp: 1454

Ion Ratio Lower Upper

97 100

99 68.0 51.2 76.8

61 31.6 33.3 49.9#



#33

Benzene

Concen: 2.716 ug/L

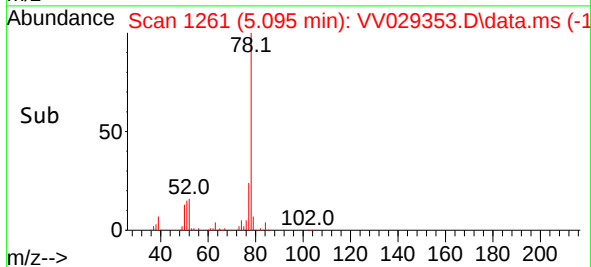
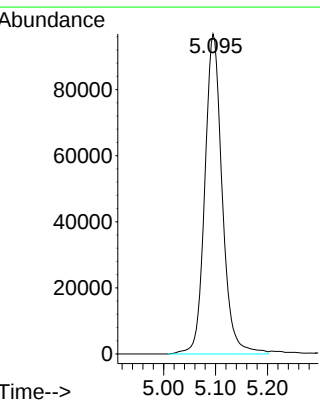
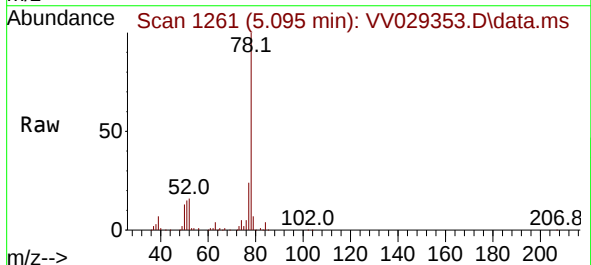
RT: 5.095 min Scan# 1261

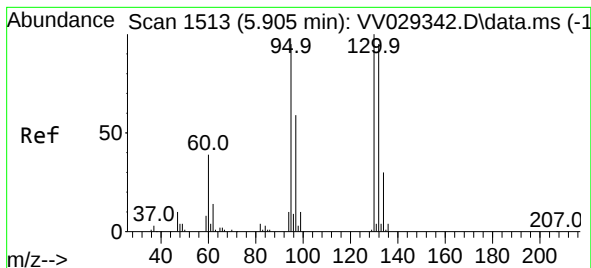
Delta R.T. 0.007 min

Lab File: VV029353.D

Acq: 25 Nov 2022 14:09

Tgt Ion: 78 Resp: 225521





#34

Trichloroethene

Concen: 2.620 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029353.D

Acq: 25 Nov 2022 14:09

Instrument :

MSVOA_V

ClientSampleId :

BHB68DL

Tgt Ion: 95 Resp: 55487

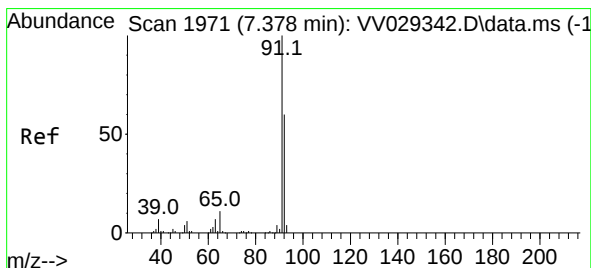
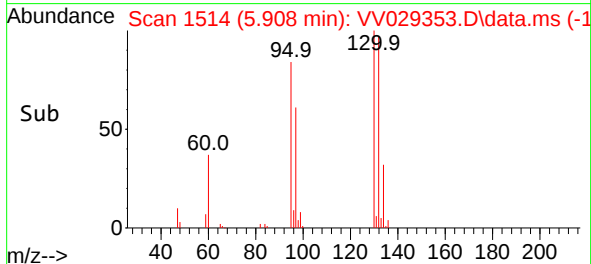
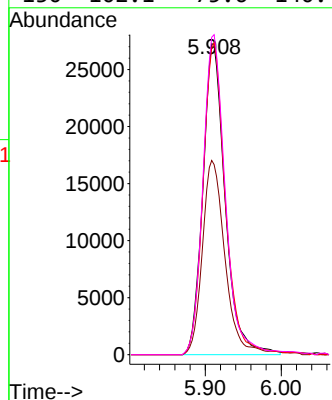
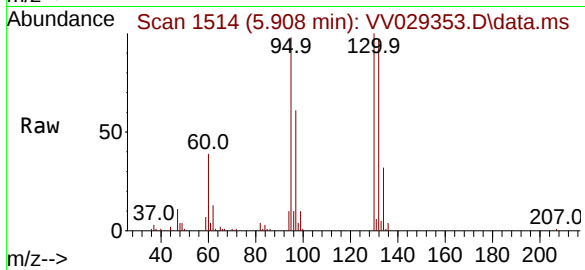
Ion Ratio Lower Upper

95 100

97 62.5 45.4 84.4

132 98.6 73.3 136.1

130 102.1 75.6 140.4



#42

Toluene

Concen: 0.266 ug/L

RT: 7.388 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV029353.D

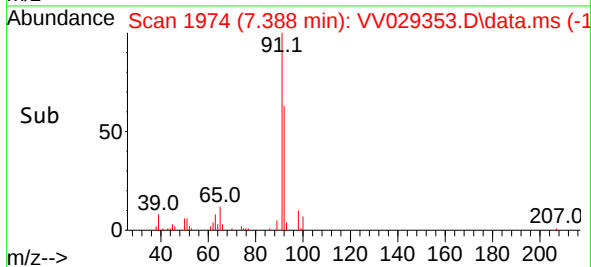
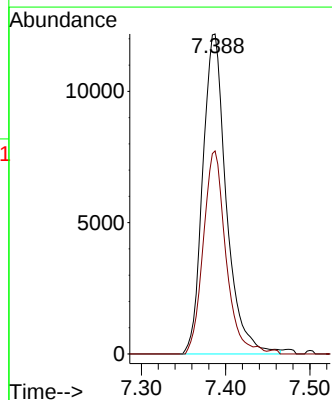
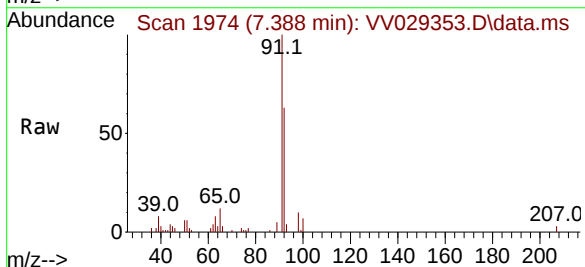
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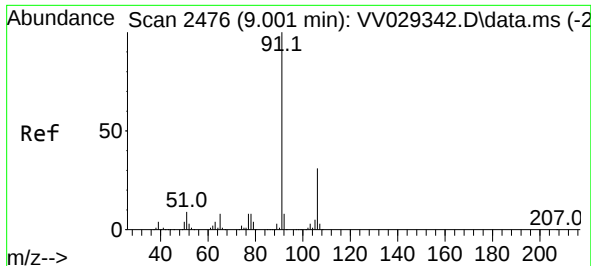
Tgt Ion: 91 Resp: 23746

Ion Ratio Lower Upper

91 100

92 63.5 40.8 75.8





#52

Ethylbenzene

Concen: 0.078 ug/L

RT: 9.008 min Scan# 24

Delta R.T. 0.007 min

Lab File: VV029353.D

Acq: 25 Nov 2022 14:09

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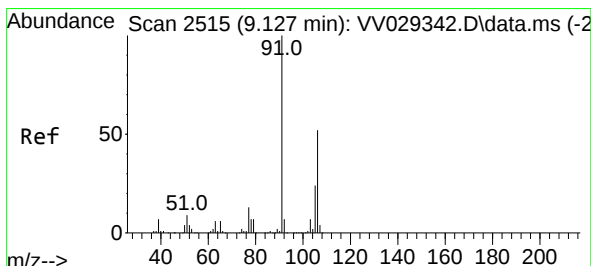
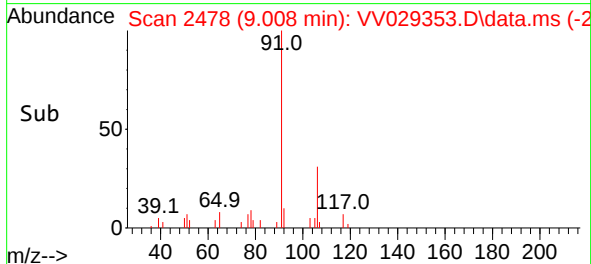
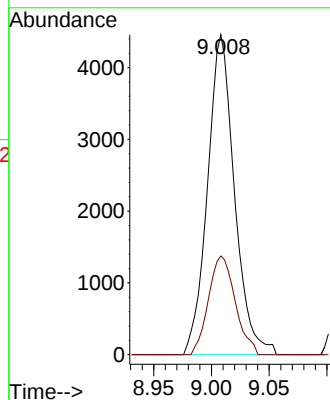
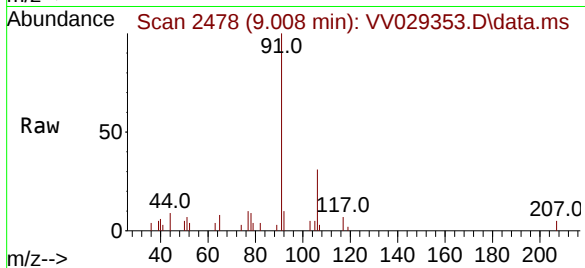
BHB68DL

Tgt Ion: 91 Resp: 7233

Ion Ratio Lower Upper

91 100

106 30.8 21.9 40.7



#53

m,p-Xylene

Concen: 0.597 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.007 min

Lab File: VV029353.D

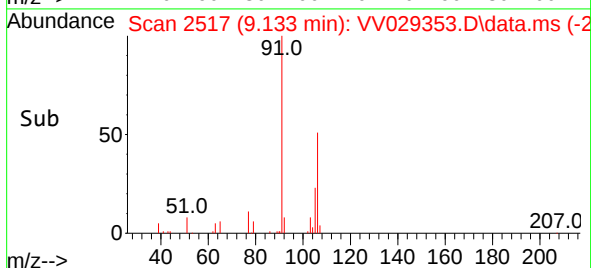
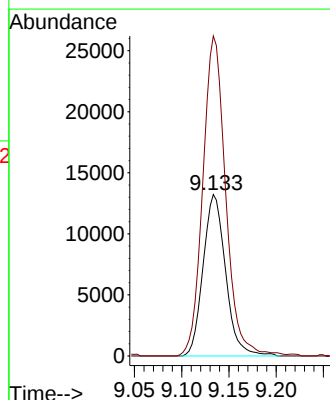
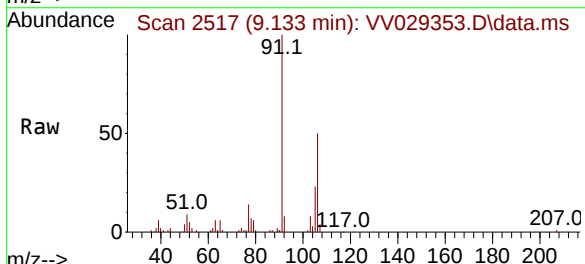
Acq: 25 Nov 2022 14:09

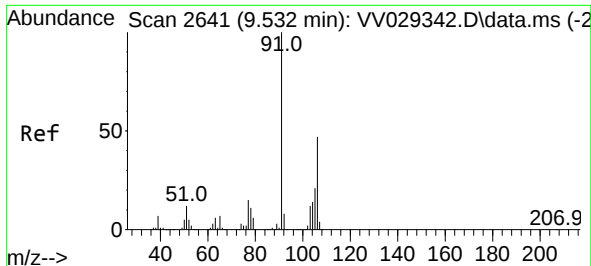
Tgt Ion: 106 Resp: 21883

Ion Ratio Lower Upper

106 100

91 198.2 140.6 261.2

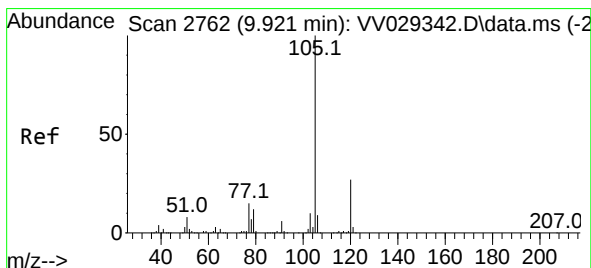
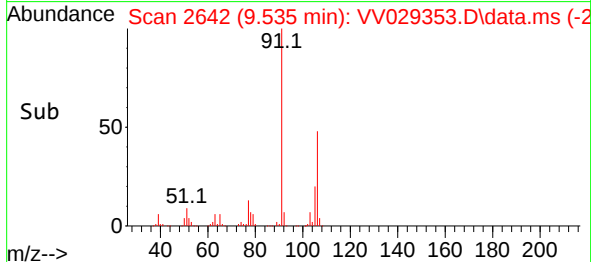
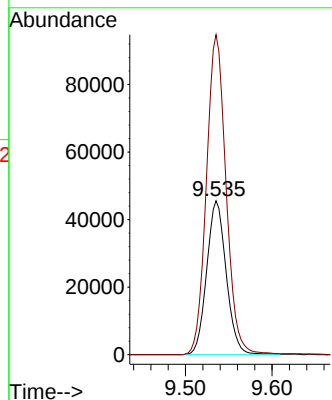
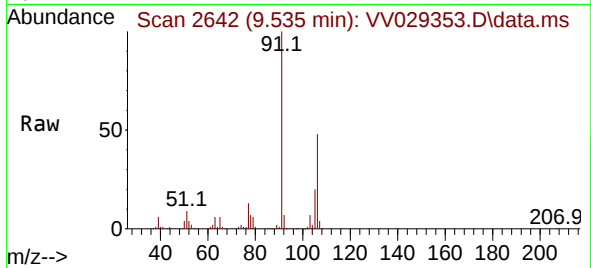




#54
o-Xylene
Concen: 1.984 ug/L
RT: 9.535 min Scan# 206
Delta R.T. 0.003 min
Lab File: VV029353.D
Acq: 25 Nov 2022 14:09

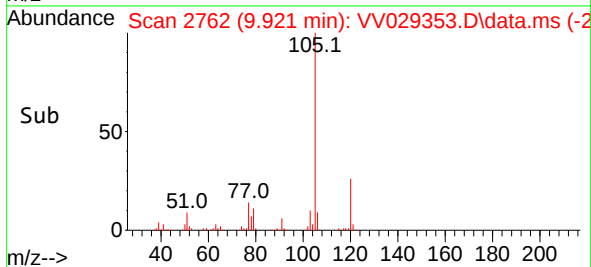
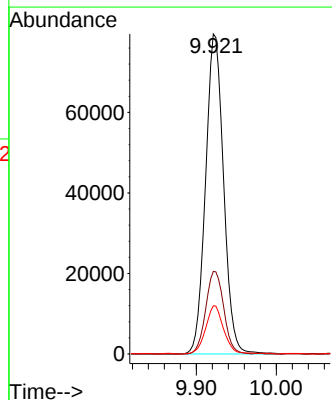
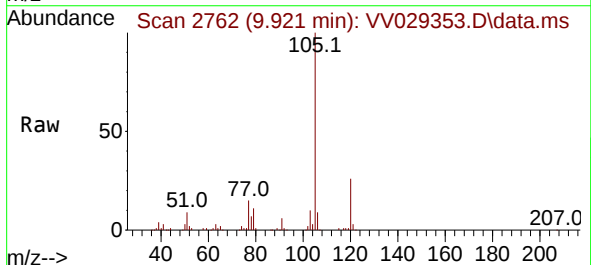
Instrument :
MSVOA_V
ClientSampleId :
BHB68DL

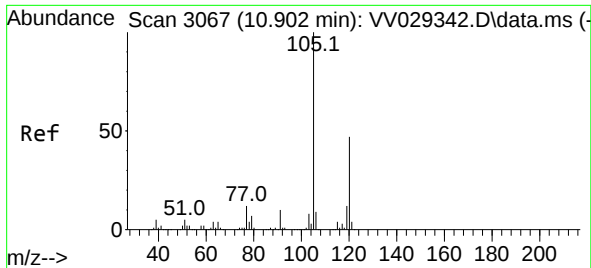
Tgt Ion:106 Resp: 71422
Ion Ratio Lower Upper
106 100
91 207.8 146.9 272.9



#60
Isopropylbenzene
Concen: 1.292 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VV029353.D
Acq: 25 Nov 2022 14:09

Tgt Ion:105 Resp: 124733
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.2
77 15.1 11.8 17.8





#63

1,2,4-Trimethylbenzene

Concen: 0.343 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.003 min

Lab File: VV029353.D

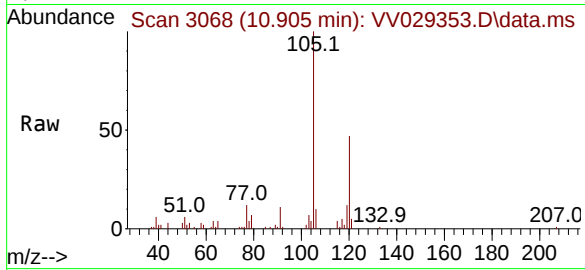
Acq: 25 Nov 2022 14:09

Instrument :

MSVOA_V

ClientSampleId :

BHB68DL



Tgt Ion:105 Resp: 28874

Ion Ratio Lower Upper

105 100

120 46.4 37.2 55.8

