

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029178.D
 Acq On : 19 Nov 2022 18:13
 Operator : SY/MD
 Sample : N5694-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB40

Quant Time: Nov 20 01:00:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

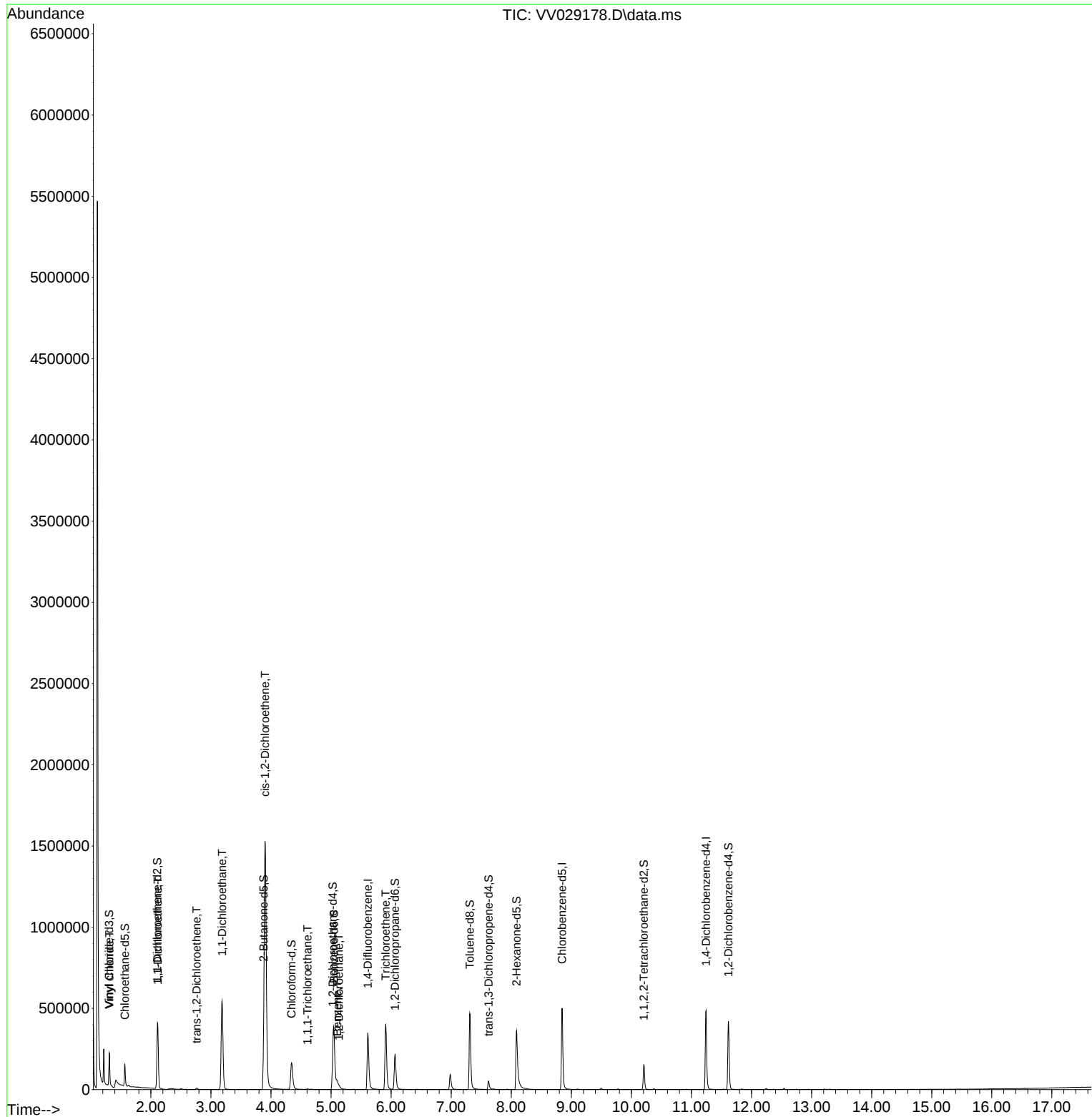
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	325016	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	300713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	137452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	103959	5.247	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.000%		
7) Chloroethane-d5	1.568	69	85818	4.927	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 98.600%		
11) 1,1-Dichloroethene-d2	2.108	63	165988	4.597	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 92.000%		
20) 2-Butanone-d5	3.879	46	187445	56.513	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 113.020%		
24) Chloroform-d	4.342	84	179751	4.419	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 88.400%		
26) 1,2-Dichloroethane-d4	5.027	65	83451	4.559	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 91.200%		
32) Benzene-d6	5.047	84	383610	4.274	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 85.400%		
36) 1,2-Dichloropropane-d6	6.063	67	112131	4.474	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 89.400%		
41) Toluene-d8	7.310	98	331836	4.107	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 82.200%		
43) trans-1,3-Dichloroprop...	7.622	79	33115	4.051	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 81.000%		
46) 2-Hexanone-d5	8.088	63	142340	40.793	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 81.580%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	78595	4.523	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 90.400%		
66) 1,2-Dichlorobenzene-d4	11.615	152	116662	4.744	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 94.800%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.310	62	43186	1.684	ug/L	# 78
12) 1,1-Dichloroethene	2.117	96	74509	3.787	ug/L	86
18) trans-1,2-Dichloroethene	2.764	96	2165	0.095	ug/L	96
19) 1,1-Dichloroethane	3.185	63	558071	14.960	ug/L	100
22) cis-1,2-Dichloroethene	3.902	96	891484	38.427	ug/L	99
27) 1,2-Dichloroethane	5.133	62	14907	0.740	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	2864	0.081	ug/L	# 90
33) Benzene	5.101	78	56908	0.619	ug/L	100
34) Trichloroethene	5.908	95	148185	6.299	ug/L	97

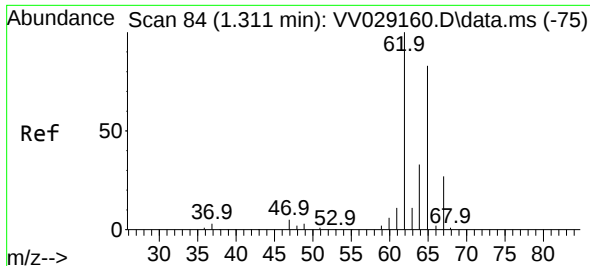
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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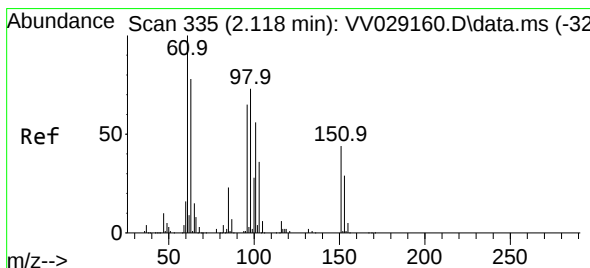
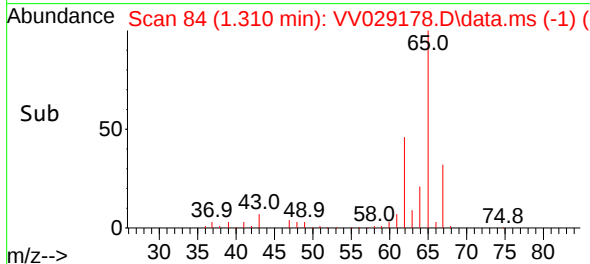
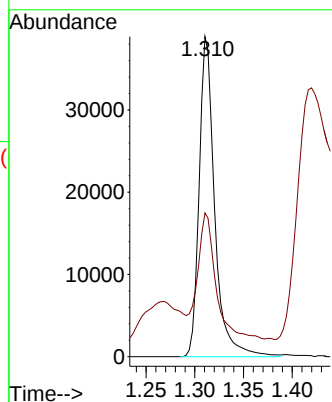
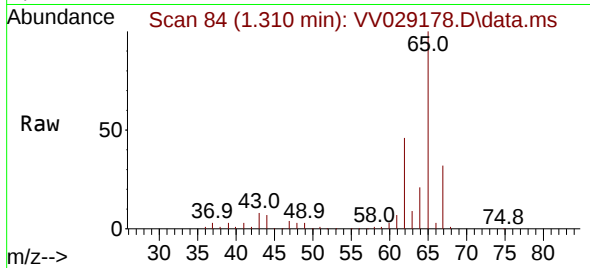




#5
 Vinyl chloride
 Concen: 1.684 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029178.D
 Acq: 19 Nov 2022 18:13

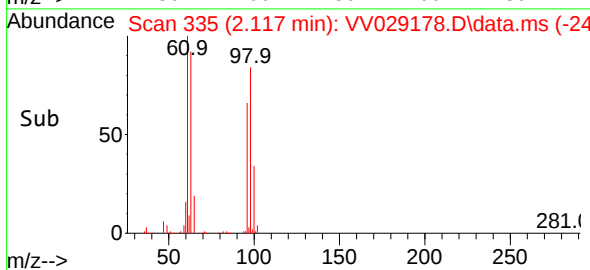
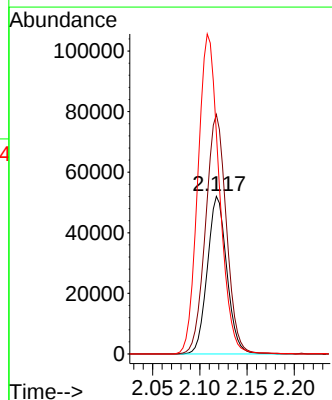
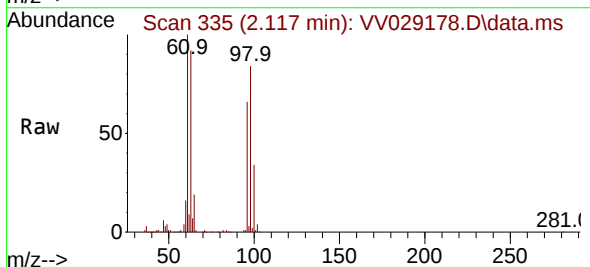
Instrument :
 MSVOA_V
 ClientSampleId :
 BHB40

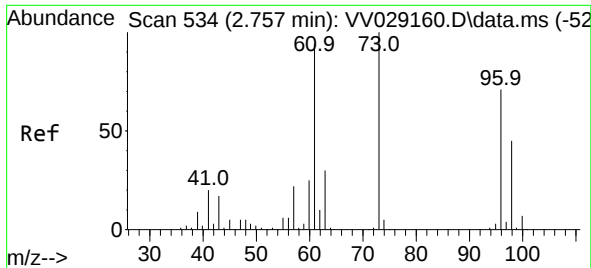
Tgt Ion: 62 Resp: 43186
 Ion Ratio Lower Upper
 62 100
 64 44.9 22.8 42.4#



#12
 1,1-Dichloroethene
 Concen: 3.787 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV029178.D
 Acq: 19 Nov 2022 18:13

Tgt Ion: 96 Resp: 74509
 Ion Ratio Lower Upper
 96 100
 61 151.9 104.2 193.4
 63 140.0 75.9 140.9

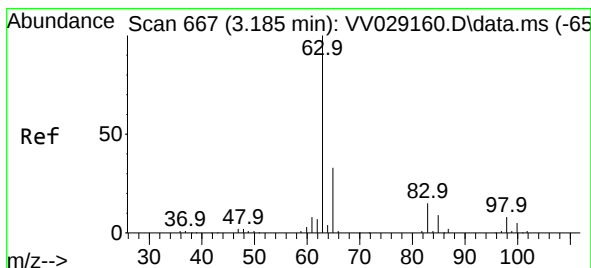
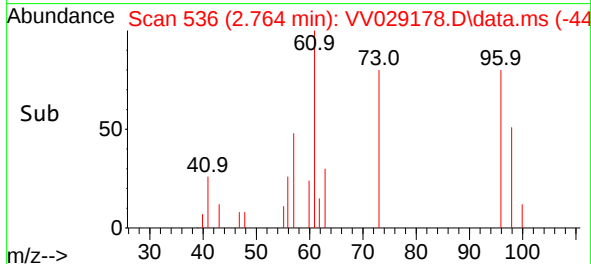
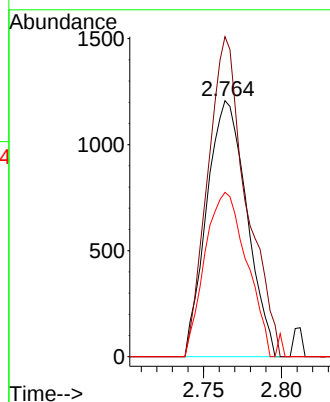
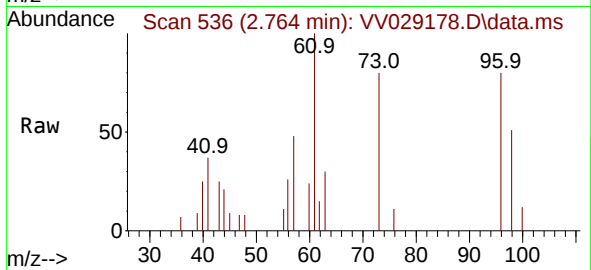




#18
trans-1,2-Dichloroethene
Concen: 0.095 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

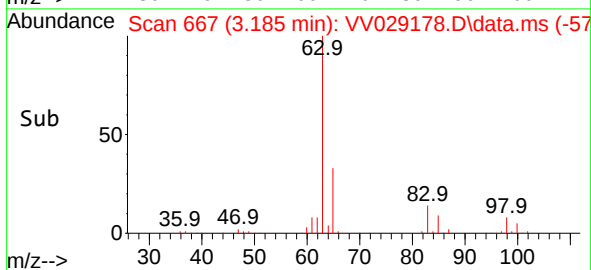
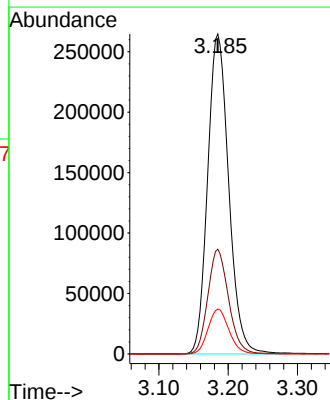
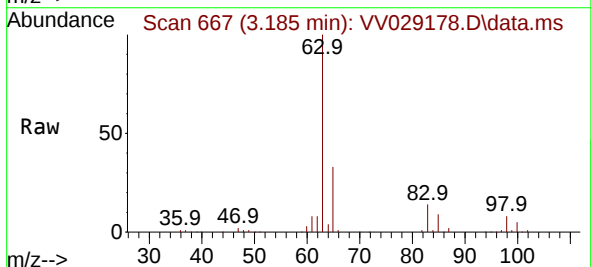
Instrument :
MSVOA_V
ClientSampleId :
BHB40

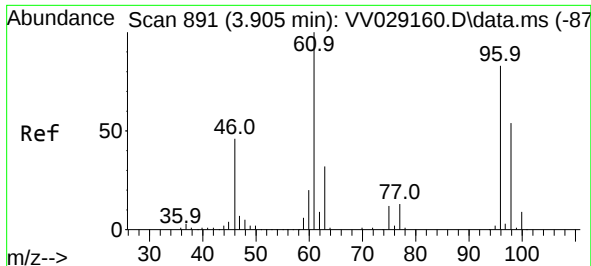
Tgt Ion: 96 Resp: 2165
Ion Ratio Lower Upper
96 100
61 125.0 91.8 170.6
98 64.2 46.4 86.2



#19
1,1-Dichloroethane
Concen: 14.960 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.000 min
Lab File: VV029178.D
Acq: 19 Nov 2022 18:13

Tgt Ion: 63 Resp: 558071
Ion Ratio Lower Upper
63 100
65 32.7 23.0 42.6
83 14.0 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 38.427 ug/L

RT: 3.902 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV029178.D

Acq: 19 Nov 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

BHB40

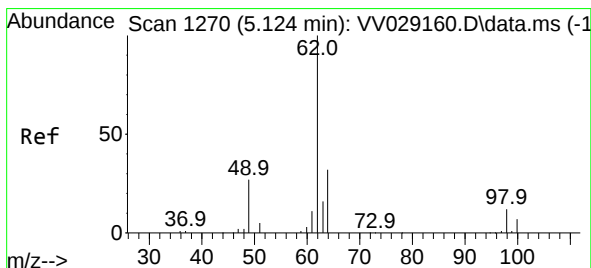
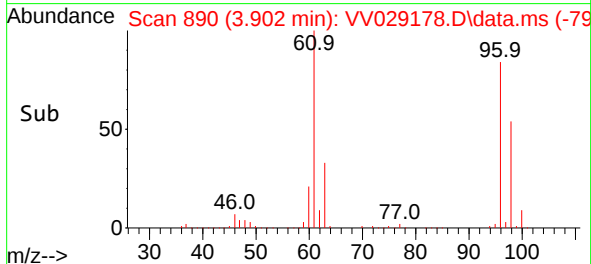
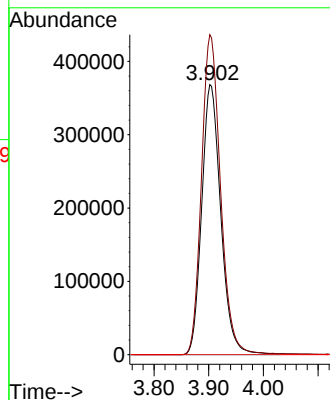
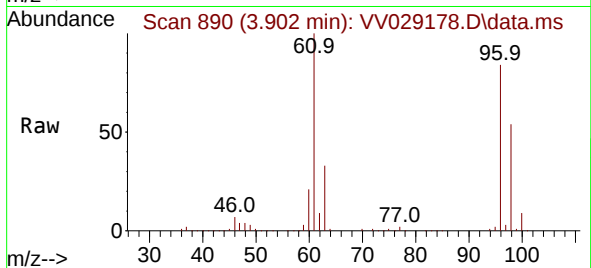
Tgt Ion: 96 Resp: 891484

Ion Ratio Lower Upper

96 100

61 118.5 82.3 152.9

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.740 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.010 min

Lab File: VV029178.D

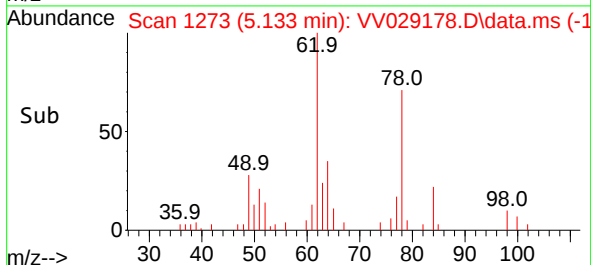
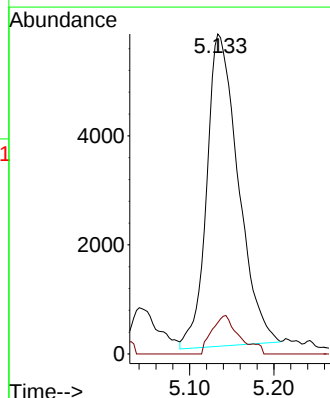
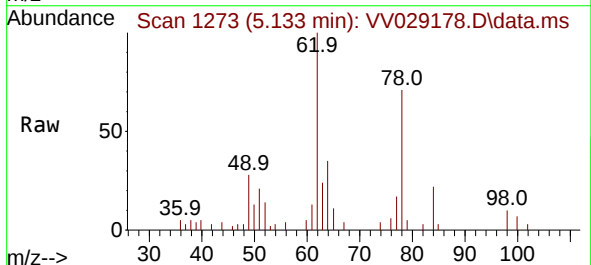
Acq: 19 Nov 2022 18:13

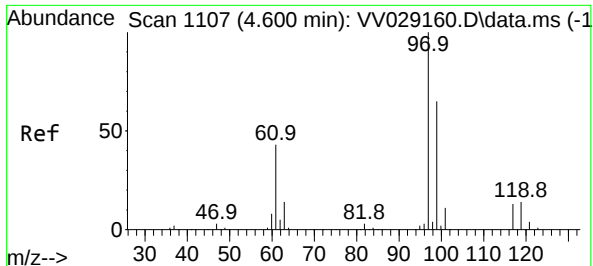
Tgt Ion: 62 Resp: 14907

Ion Ratio Lower Upper

62 100

98 9.8 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 0.081 ug/L

RT: 4.609 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV029178.D

Acq: 19 Nov 2022 18:13

Instrument :

MSVOA_V

ClientSampleId :

BHB40

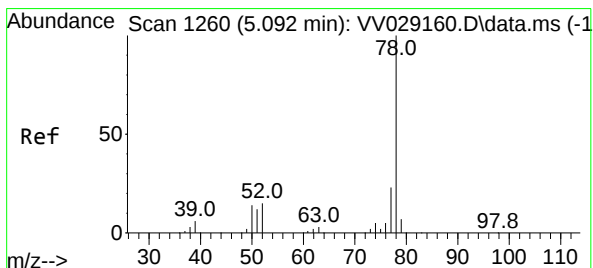
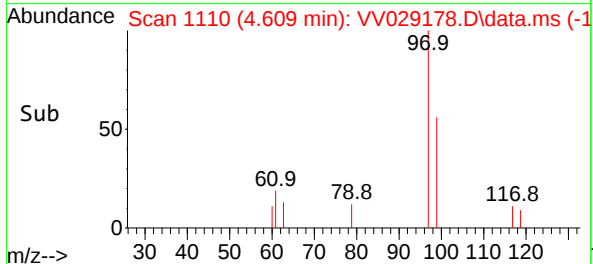
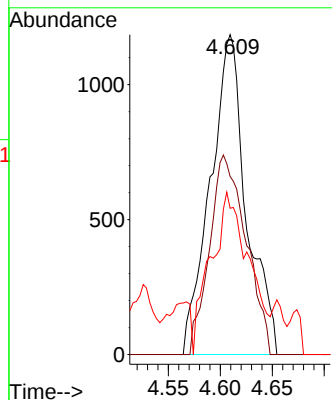
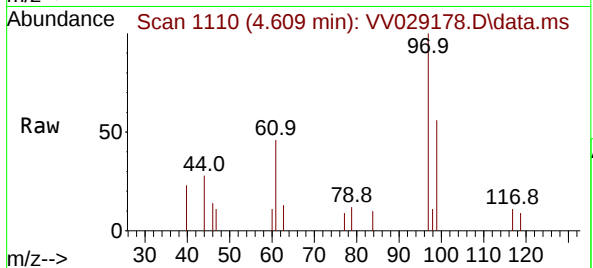
Tgt Ion: 97 Resp: 2864

Ion Ratio Lower Upper

97 100

99 63.2 52.7 79.1

61 54.3 33.8 50.6#



#33

Benzene

Concen: 0.619 ug/L

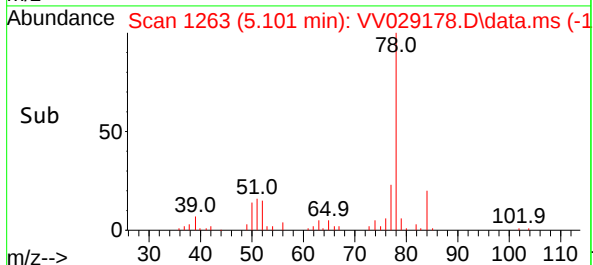
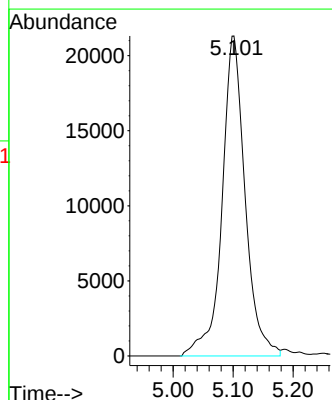
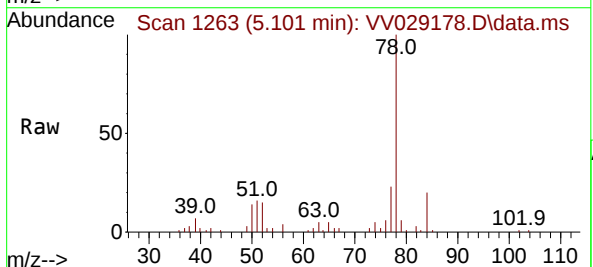
RT: 5.101 min Scan# 1263

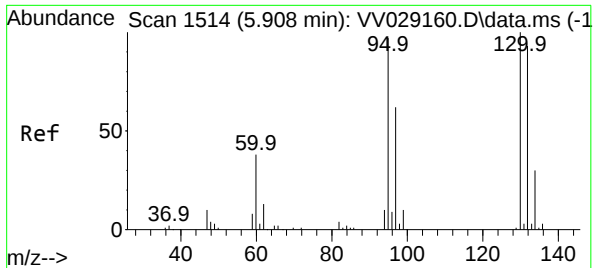
Delta R.T. 0.010 min

Lab File: VV029178.D

Acq: 19 Nov 2022 18:13

Tgt Ion: 78 Resp: 56908





#34
 Trichloroethene
 Concen: 6.299 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. -0.000 min
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Tgt Ion: 95 Resp: 148185
 Ion Ratio Lower Upper
 95 100
 97 65.9 45.6 84.8
 132 102.2 69.1 128.3
 130 102.7 74.9 139.1

