

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029211.D
 Acq On : 20 Nov 2022 07:51
 Operator : SY/MD
 Sample : N5694-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHB47

Quant Time: Nov 21 00:24:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	312598	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	286192	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	132467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	96497	5.063	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.200%	
7) Chloroethane-d5	1.568	69	77456	4.623	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.108	63	133760	3.851	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.000%	
20) 2-Butanone-d5	3.889	46	182133	57.092	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.180%	
24) Chloroform-d	4.343	84	173892	4.444	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4	5.027	65	81092	4.606	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.047	84	365553	4.279	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.600%	
36) 1,2-Dichloropropane-d6	6.063	67	108444	4.546	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.000%	
41) Toluene-d8	7.310	98	318925	4.147	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.000%	
43) trans-1,3-Dichloroprop...	7.622	79	31430	4.040	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.800%	
46) 2-Hexanone-d5	8.088	63	144360	43.471	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.940%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	74424	4.500	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	11.616	152	111677	4.712	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.217	85	4351	0.167	ug/L	89
3) Chloromethane	1.240	50	1641	0.076	ug/L	98
5) Vinyl chloride	1.311	62	1735	0.070	ug/L #	1
8) Chloroethane	1.307	64	6402	0.442	ug/L	87
12) 1,1-Dichloroethene	2.118	96	25246	1.334	ug/L #	17
19) 1,1-Dichloroethane	3.185	63	156231	4.354	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	402177	18.024	ug/L	100
25) Chloroform	4.368	83	3143	0.084	ug/L #	57
27) 1,2-Dichloroethane	5.143	62	4626	0.239	ug/L #	93
29) 1,1,1-Trichloroethane	4.603	97	163914	4.881	ug/L	100
31) Carbon tetrachloride	4.606	117	22337	0.772	ug/L	97
34) Trichloroethene	5.908	95	119708	5.347	ug/L	97
35) Methylcyclohexane	6.066	83	26297	0.668	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11199	0.555	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2191	0.078	ug/L #	70
61) 1,2,3-Trichloropropane	11.239	75	13947	1.541	ug/L #	65
68) 1,2-Dibromo-3-chloropr...	12.246	75	309	0.173	ug/L #	23

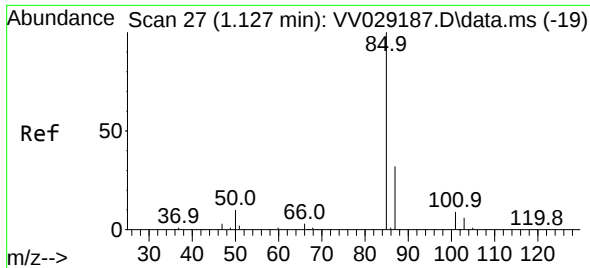
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029211.D
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

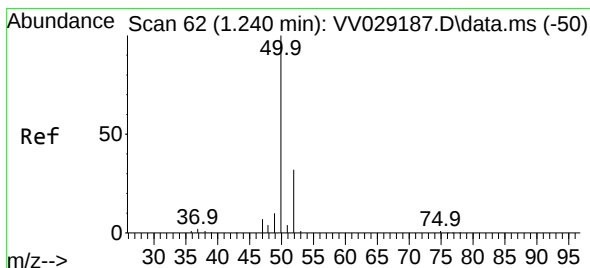
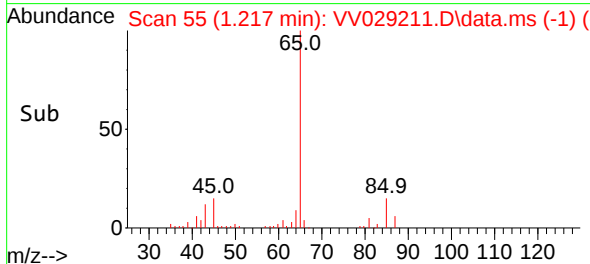
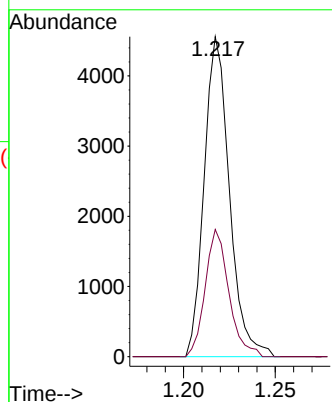
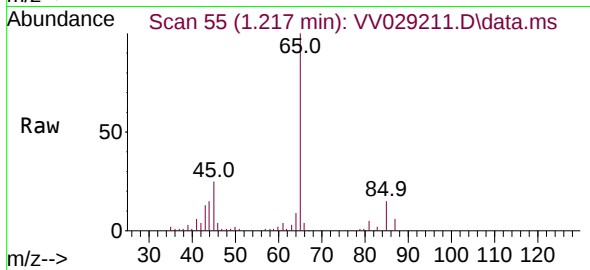
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#2
 Dichlorodifluoromethane
 Concen: 0.167 ug/L
 RT: 1.217 min Scan# 51
 Delta R.T. 0.090 min
 Lab File: VV029211.D
 Acq: 20 Nov 2022 07:51

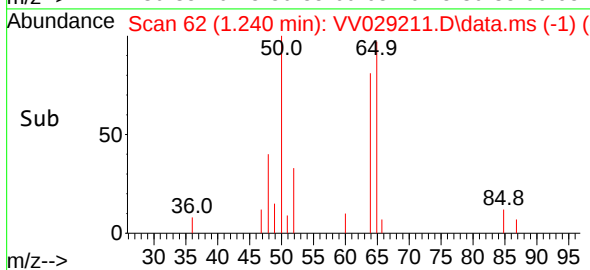
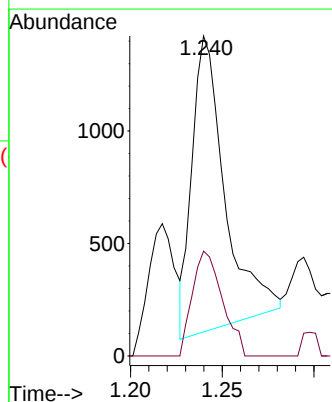
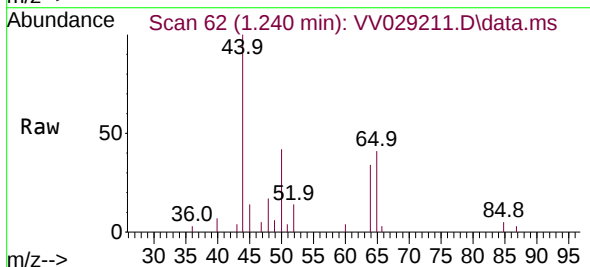
Instrument :
 MSVOA_V
 ClientSampleId :
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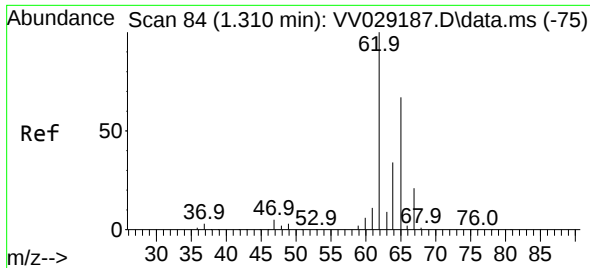
Tgt Ion: 85 Resp: 4351
 Ion Ratio Lower Upper
 85 100
 87 37.4 25.0 37.4



#3
 Chloromethane
 Concen: 0.076 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029211.D
 Acq: 20 Nov 2022 07:51

Tgt Ion: 50 Resp: 1641
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.7 43.9

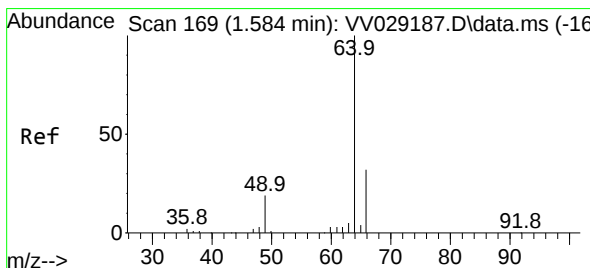
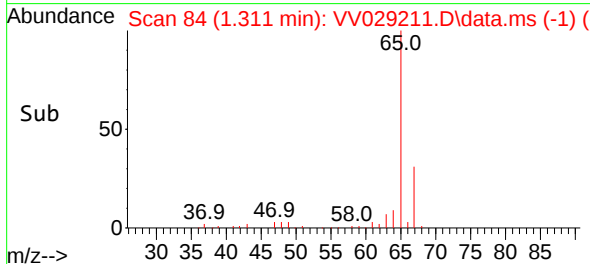
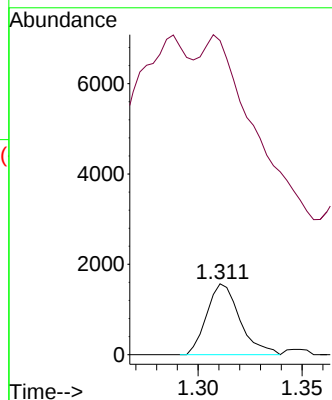
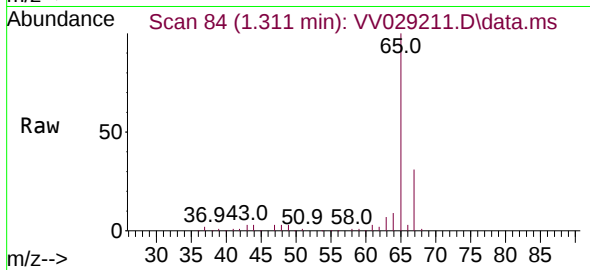




#5
 Vinyl chloride
 Concen: 0.070 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029211.D
 Acq: 20 Nov 2022 07:51

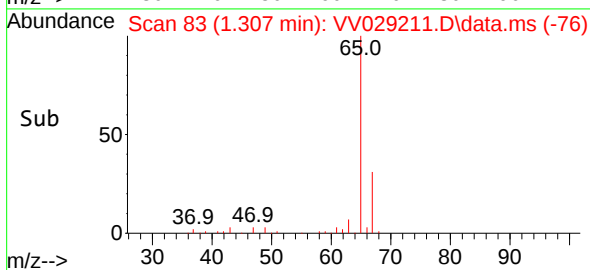
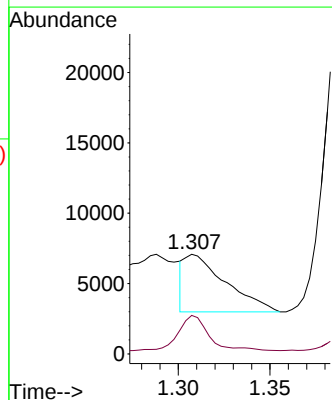
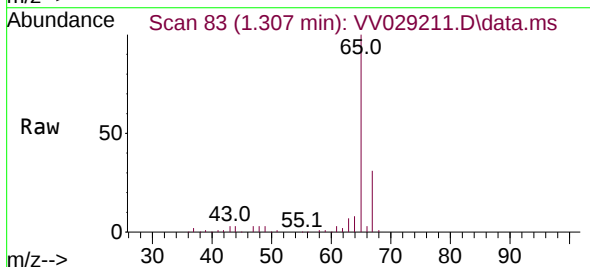
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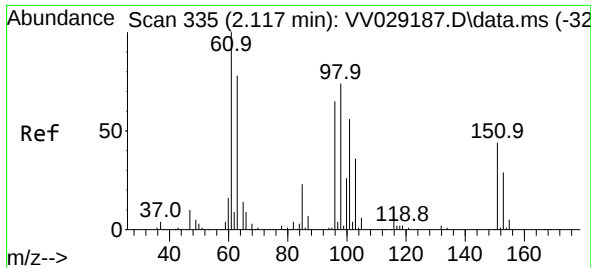
Tgt Ion: 62 Resp: 1735
 Ion Ratio Lower Upper
 62 100
 64 443.3 22.8 42.4#



#8
 Chloroethane
 Concen: 0.442 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.276 min
 Lab File: VV029211.D
 Acq: 20 Nov 2022 07:51

Tgt Ion: 64 Resp: 6402
 Ion Ratio Lower Upper
 64 100
 66 38.7 22.0 40.8

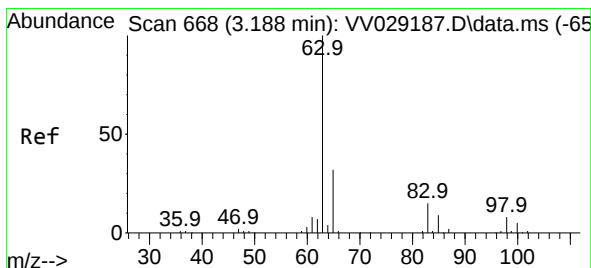
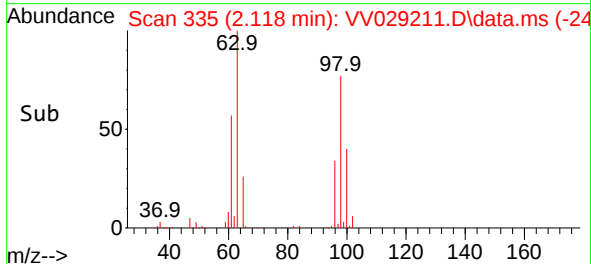
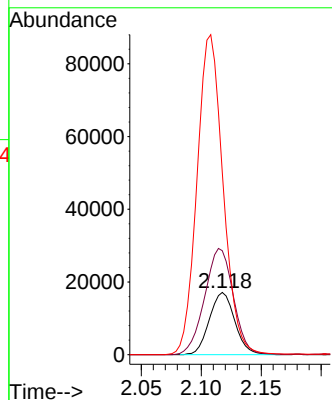
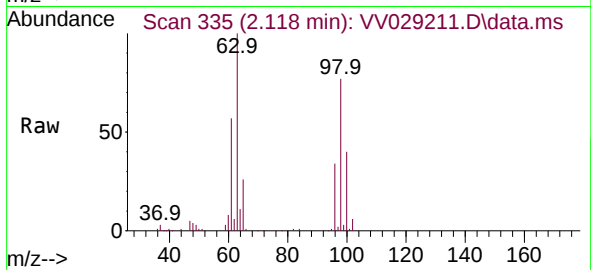




#12
 1,1-Dichloroethene
 Concen: 1.334 ug/L
 RT: 2.118 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV029211.D
 Acq: 20 Nov 2022 07:51

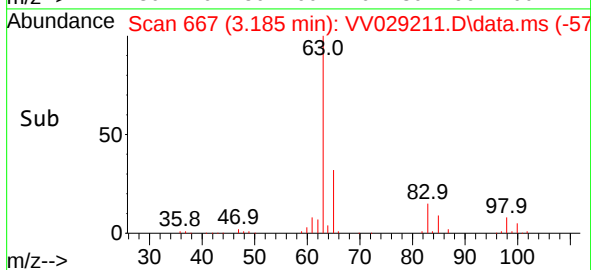
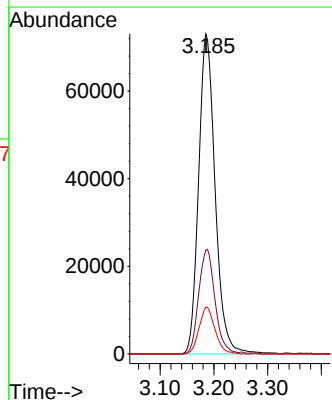
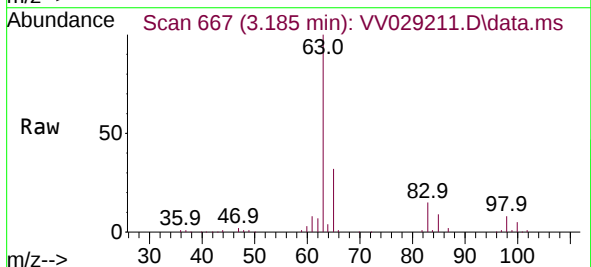
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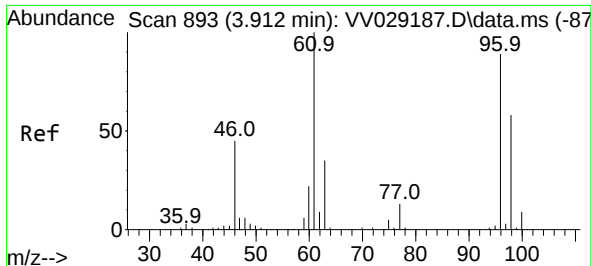
Tgt Ion: 96 Resp: 25246
 Ion Ratio Lower Upper
 96 100
 61 167.2 104.2 193.4
 63 293.2 75.9 140.9#



#19
 1,1-Dichloroethane
 Concen: 4.354 ug/L
 RT: 3.185 min Scan# 667
 Delta R.T. -0.003 min
 Lab File: VV029211.D
 Acq: 20 Nov 2022 07:51

Tgt Ion: 63 Resp: 156231
 Ion Ratio Lower Upper
 63 100
 65 32.4 23.0 42.6
 83 14.7 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 18.024 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.006 min

Lab File: VV029211.D

Acq: 20 Nov 2022 07:51

Instrument :

MSVOA_V

ClientSampleId :

BHB47

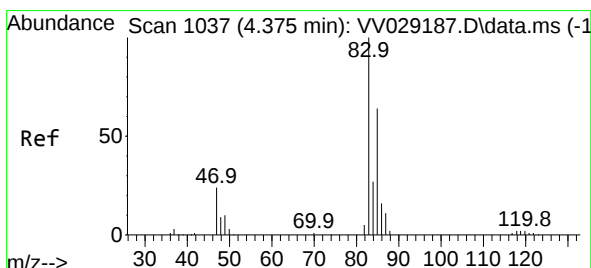
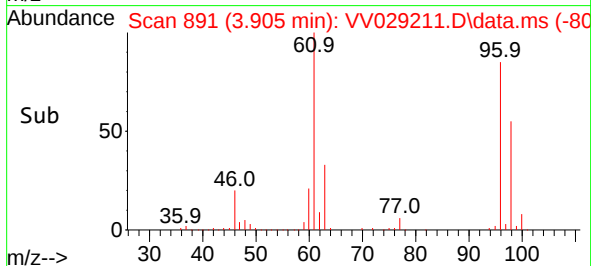
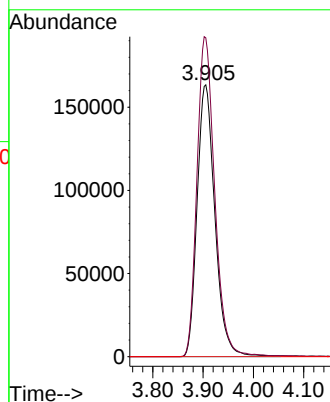
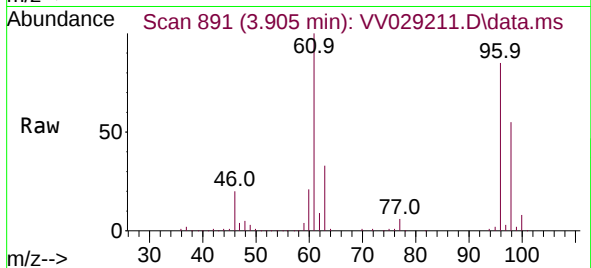
Tgt Ion: 96 Resp: 402177

Ion Ratio Lower Upper

96 100

61 117.3 82.3 152.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.084 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VV029211.D

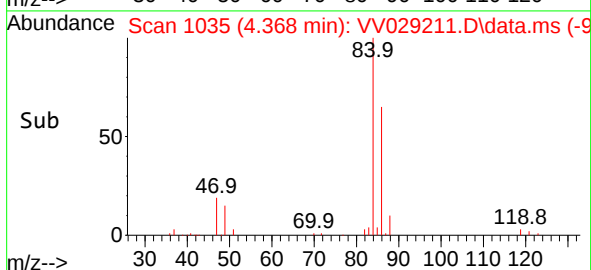
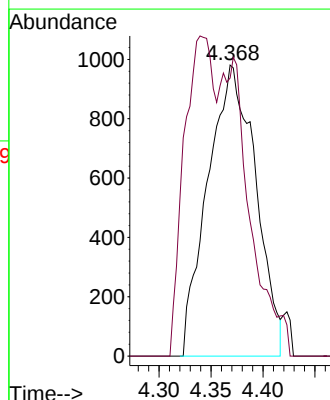
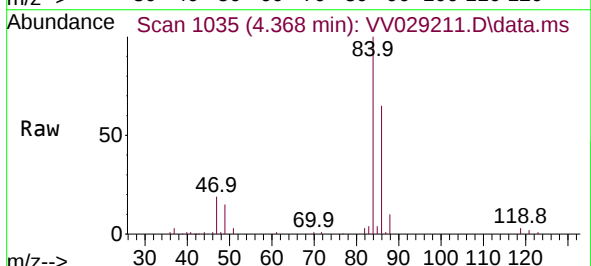
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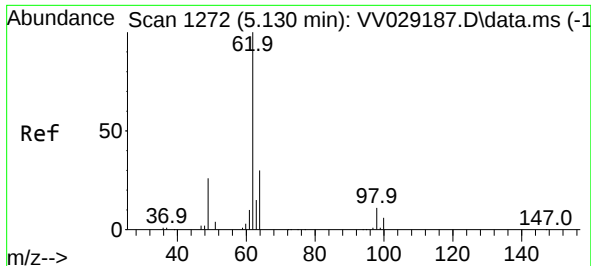
Tgt Ion: 83 Resp: 3143

Ion Ratio Lower Upper

83 100

85 95.5 43.7 81.1#





#27

1,2-Dichloroethane

Concen: 0.239 ug/L

RT: 5.143 min Scan# 1108

Delta R.T. 0.013 min

Lab File: VV029211.D

Acq: 20 Nov 2022 07:51

Instrument :

MSVOA_V

ClientSampleId :

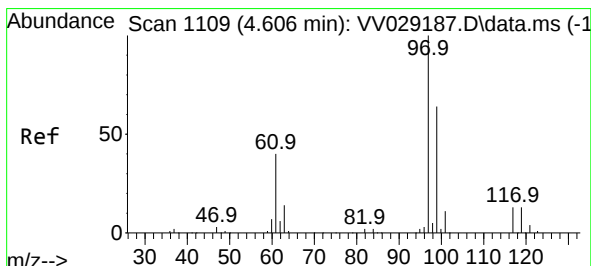
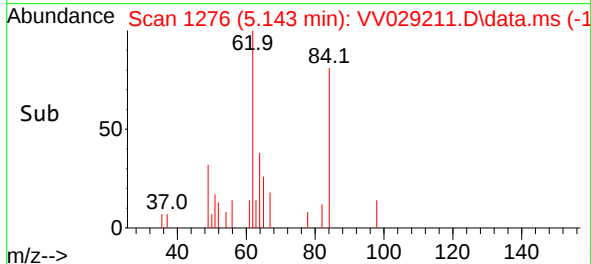
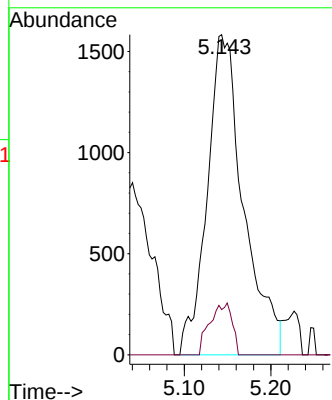
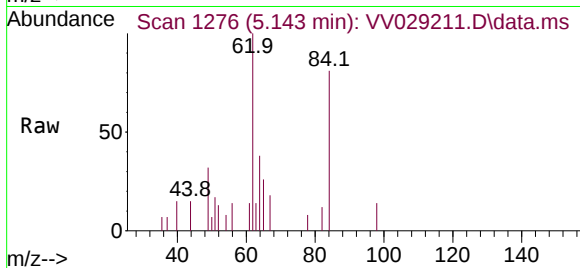
BHB47

Tgt Ion: 62 Resp: 4626

Ion Ratio Lower Upper

62 100

98 14.2 9.0 13.6#



#29

1,1,1-Trichloroethane

Concen: 4.881 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV029211.D

Acq: 20 Nov 2022 07:51

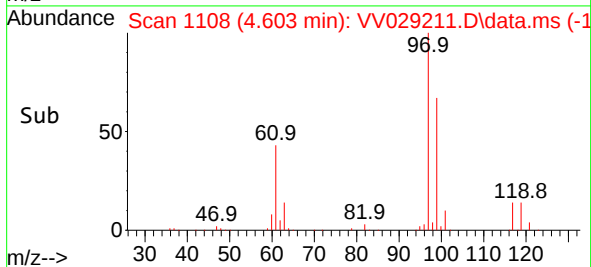
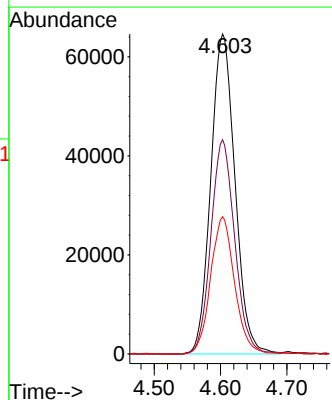
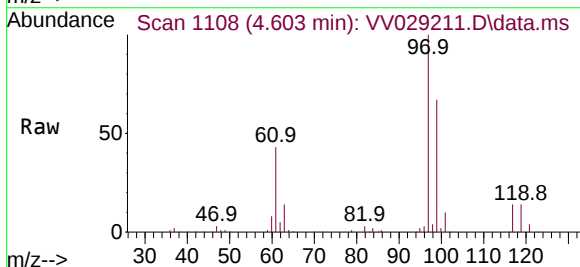
Tgt Ion: 97 Resp: 163914

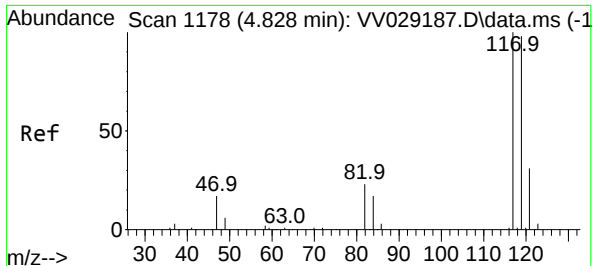
Ion Ratio Lower Upper

97 100

99 65.9 52.7 79.1

61 42.4 33.8 50.6

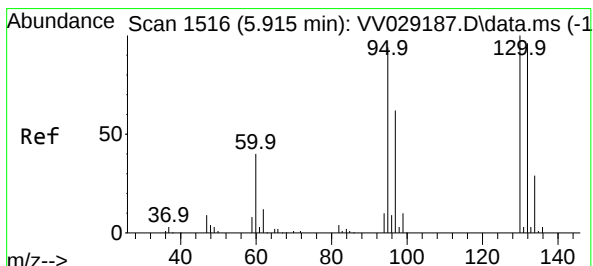
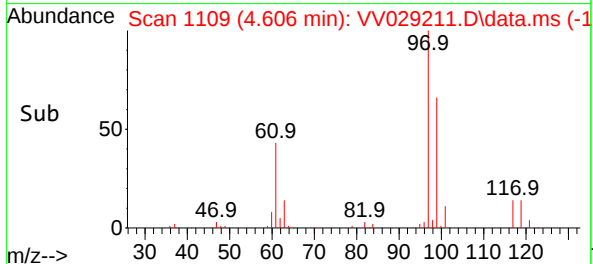
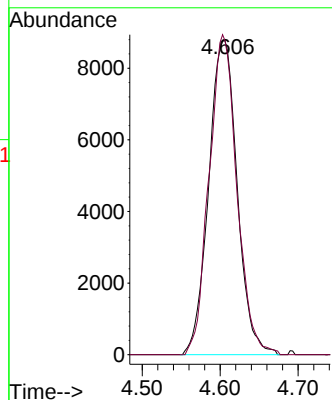
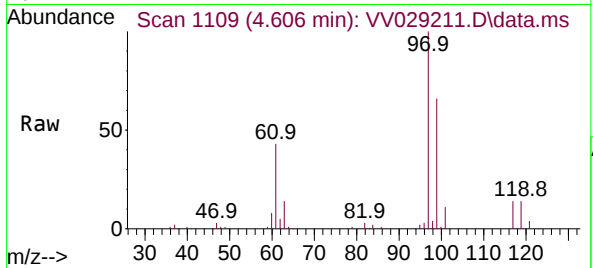




#31
Carbon tetrachloride
Concen: 0.772 ug/L
RT: 4.606 min Scan# 1178
Delta R.T. -0.222 min
Lab File: VV029211.D
Acq: 20 Nov 2022 07:51

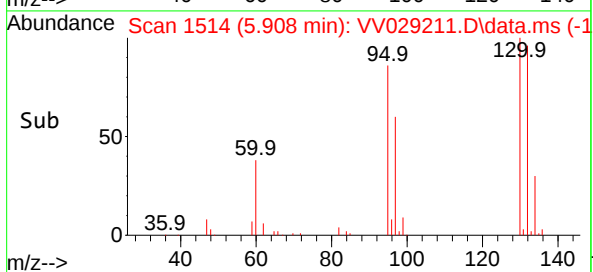
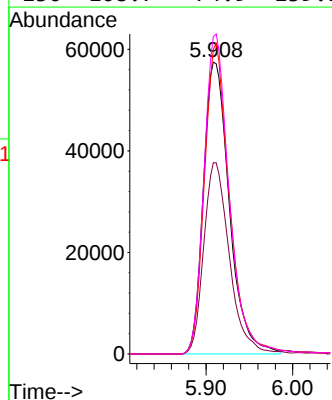
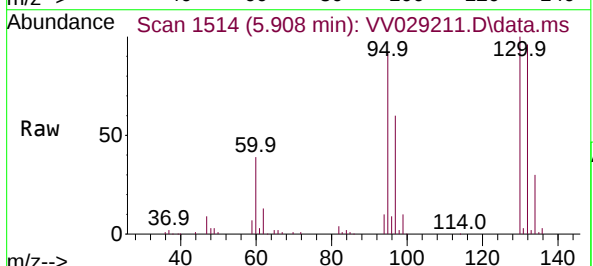
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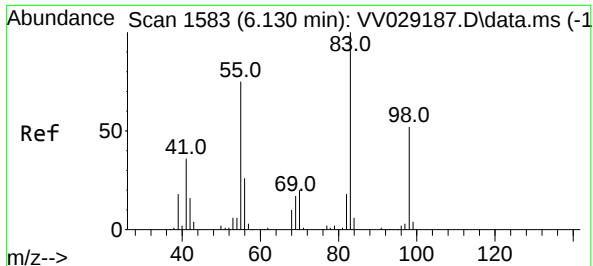
Tgt Ion:117 Resp: 22337
Ion Ratio Lower Upper
117 100
119 99.3 77.0 115.6



#34
Trichloroethene
Concen: 5.347 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VV029211.D
Acq: 20 Nov 2022 07:51

Tgt Ion: 95 Resp: 119708
Ion Ratio Lower Upper
95 100
97 65.5 45.6 84.8
132 104.4 69.1 128.3
130 108.7 74.9 139.1





#35

Methylcyclohexane

Concen: 0.668 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV029211.D

Acq: 20 Nov 2022 07:51

Instrument :

MSVOA_V

ClientSampleId :

BHB47

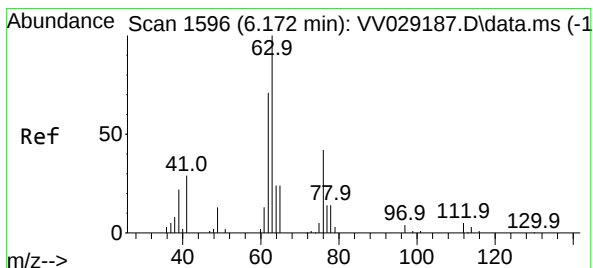
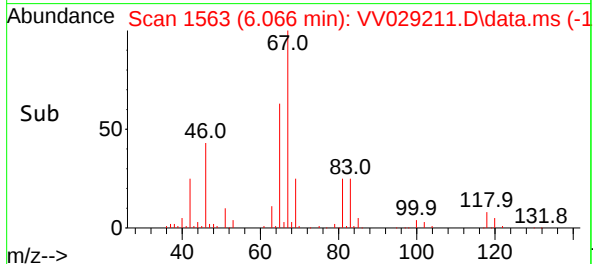
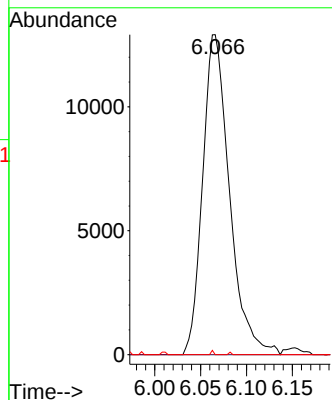
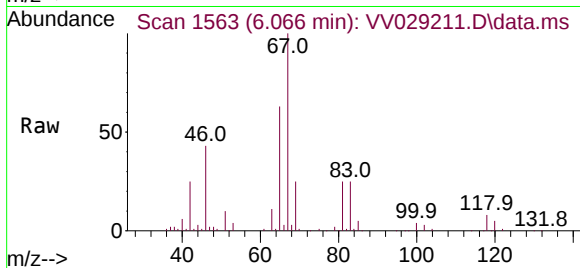
Tgt Ion: 83 Resp: 26297

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.3 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.555 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV029211.D

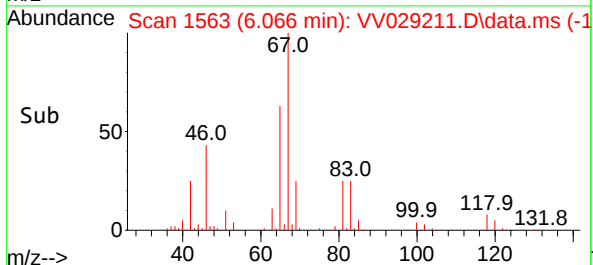
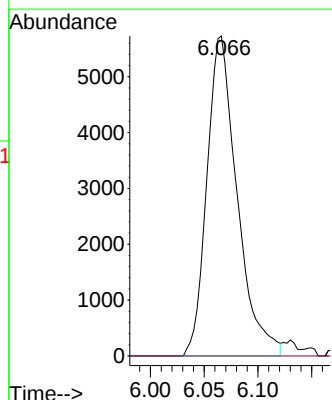
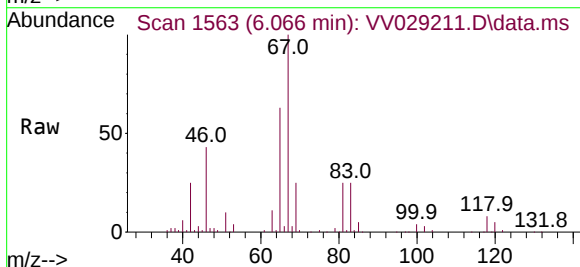
Acq: 20 Nov 2022 07:51

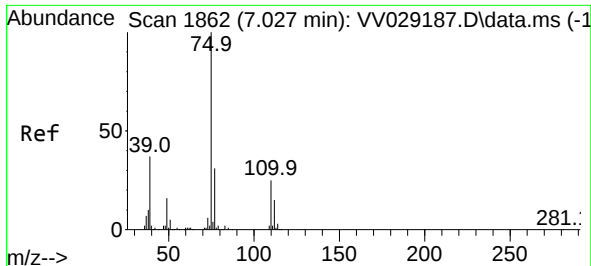
Tgt Ion: 63 Resp: 11199

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV029211.D

Acq: 20 Nov 2022 07:51

Instrument :

MSVOA_V

ClientSampleId :

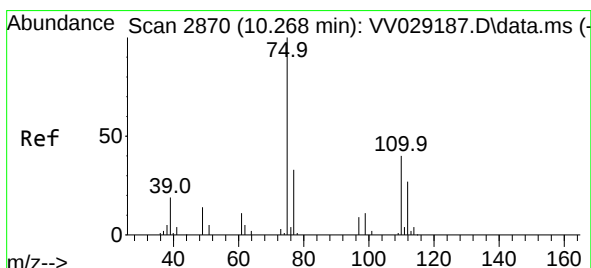
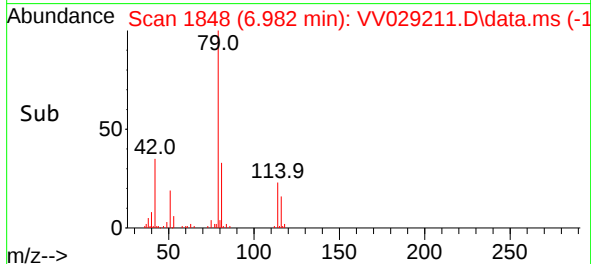
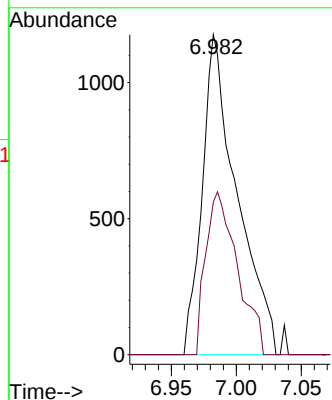
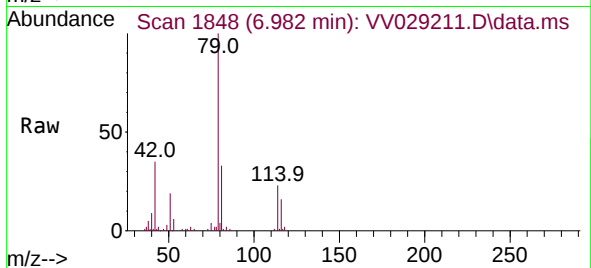
BHB47

Tgt Ion: 75 Resp: 2191

Ion Ratio Lower Upper

75 100

77 47.7 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.541 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029211.D

Acq: 20 Nov 2022 07:51

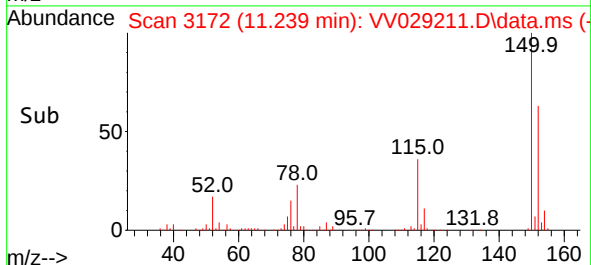
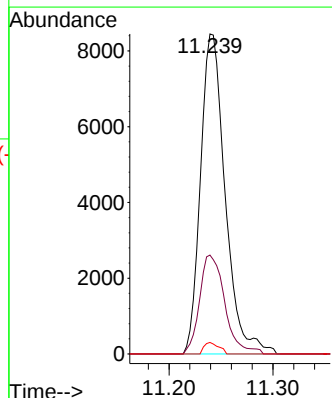
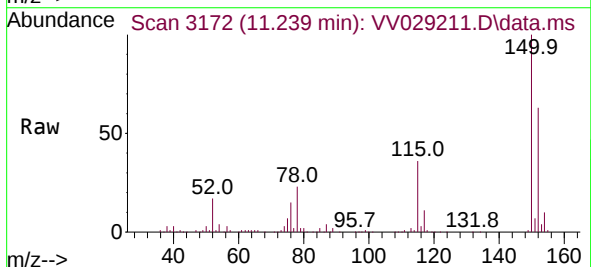
Tgt Ion: 75 Resp: 13947

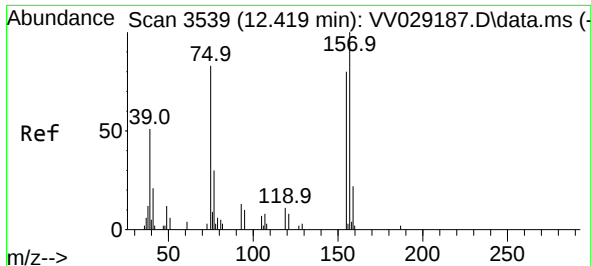
Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

110 2.1 32.6 48.8#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.173 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.173 min

Lab File: VV029211.D

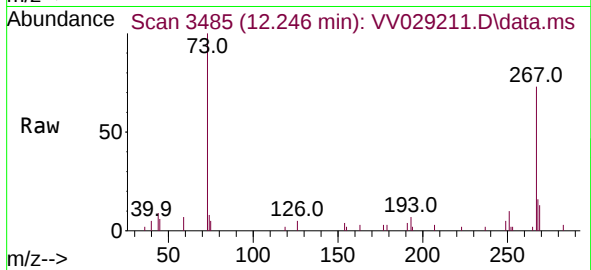
Acq: 20 Nov 2022 07:51

Instrument :

MSVOA_V

ClientSampleId :

BHB47



Tgt Ion: 75 Resp: 309

Ion Ratio Lower Upper

75 100

155 43.9 64.8 97.2#

157 0.0 86.3 129.5#

