

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030328.D
 Acq On : 01 Aug 2022 17:28
 Operator : JC/MD
 Sample : N3959-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW1581-GW-315-317

Quant Time: Aug 02 01:55:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

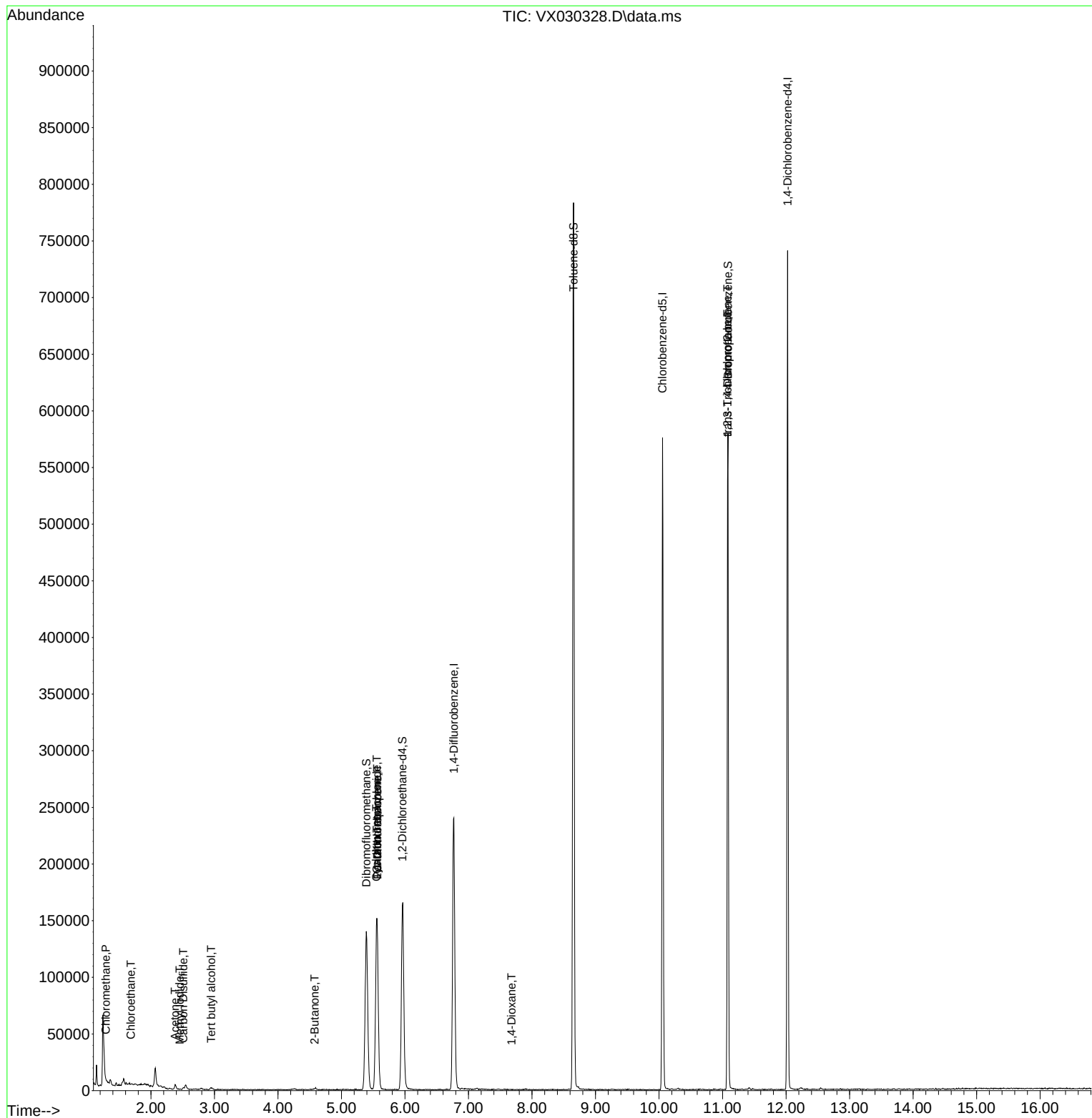
Internal Standards						
1) Pentafluorobenzene	5.562	168	144248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	249450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	152465	52.587	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.180%	
35) Dibromofluoromethane	5.391	113	123018	51.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.180%	
50) Toluene-d8	8.653	98	458854	49.688	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	11.085	95	160238	46.754	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.500%	
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	659	0.282	ug/l #	70
5) Bromomethane	1.605	94	228	Below Cal		99
6) Chloroethane	1.685	64	867	0.639	ug/l #	46
10) Methyl Iodide	2.453	142	388	1.692	ug/l #	62
11) Tert butyl alcohol	2.947	59	1332	1.883	ug/l #	74
16) Acetone	2.380	43	4557	3.070	ug/l #	86
17) Carbon Disulfide	2.508	76	1718	0.282	ug/l	95
20) Methylene Chloride	2.788	84	626	Below Cal	#	72
25) 2-Butanone	4.574	43	935	0.375	ug/l #	70
31) Cyclohexane	5.550	56	3372	0.801	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11669	3.400	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14622	4.564	ug/l #	17
49) 1,4-Dioxane	7.677	88	79	0.975	ug/l #	1
67) Ethyl Benzene	10.195	91	478	Below Cal	#	84
76) 1,2,3-Trichloropropane	11.079	75	80573	21.226	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	80573	63.676	ug/l #	13

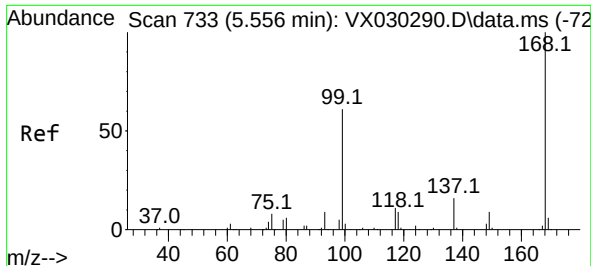
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-MW15811-GW-315-317

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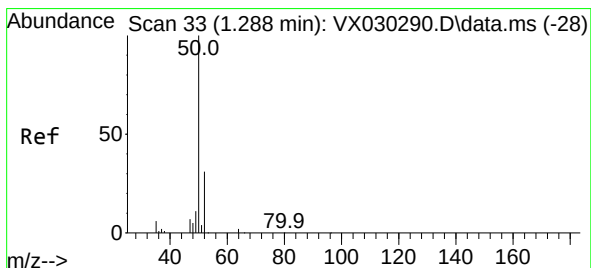
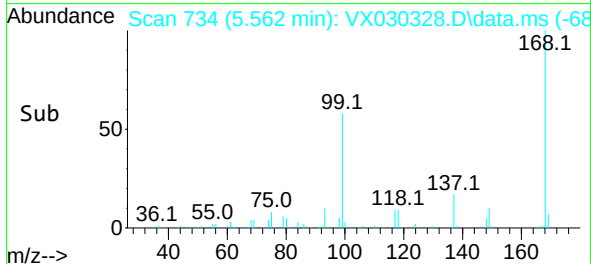
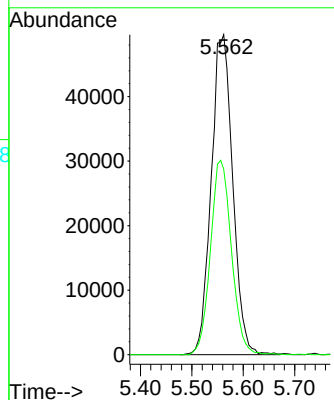
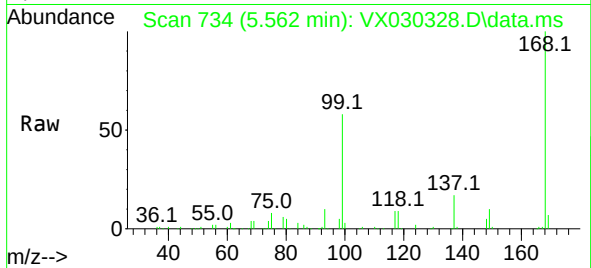




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

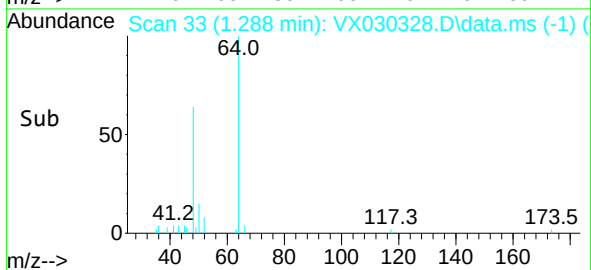
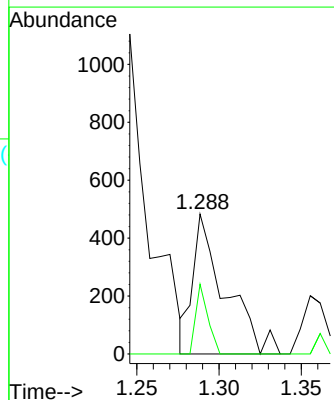
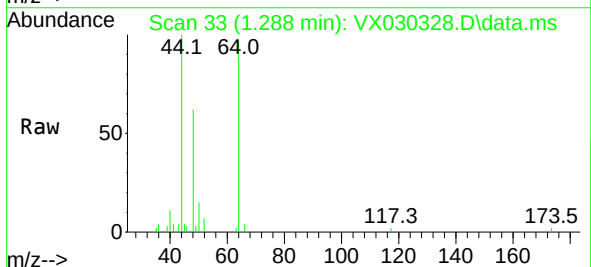
Instrument :
MSVOA_X
ClientSampleId :
BP-MW1581-GW-315-317

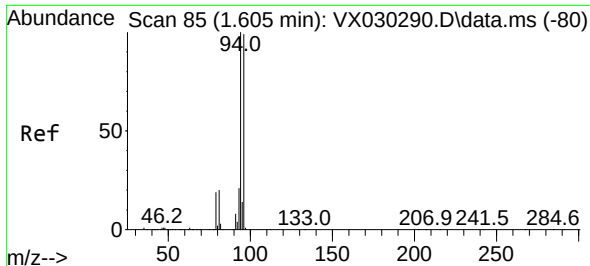
Tgt Ion:168 Resp: 144248
Ion Ratio Lower Upper
168 100
99 58.0 44.0 66.0



#3
Chloromethane
Concen: 0.282 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

Tgt Ion: 50 Resp: 659
Ion Ratio Lower Upper
50 100
52 49.9 26.3 39.5

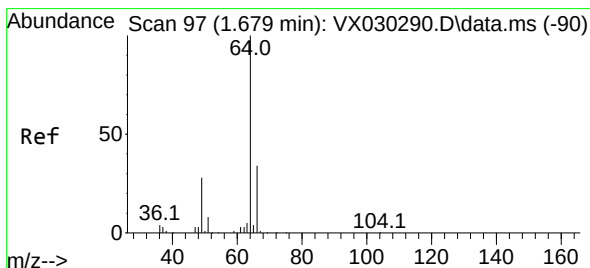
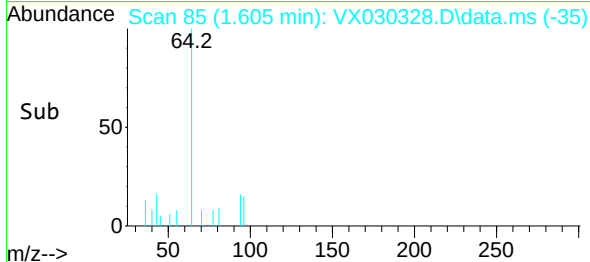
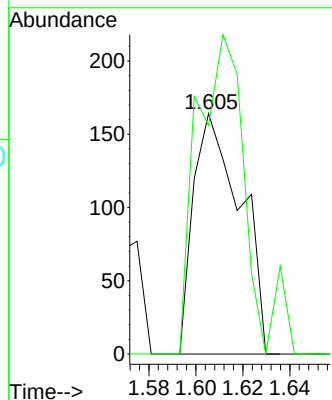
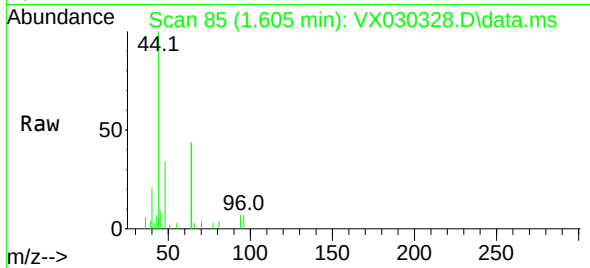




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

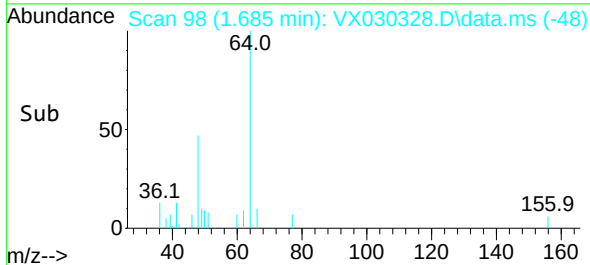
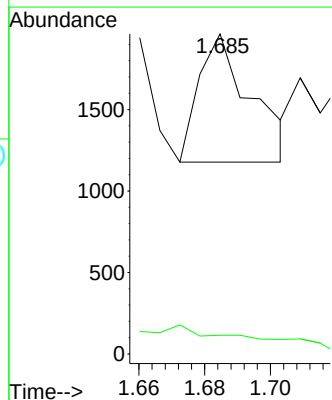
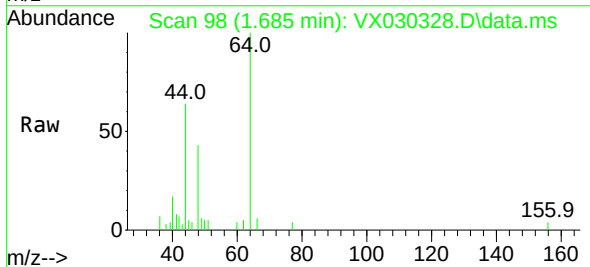
Instrument :
MSVOA_X
ClientSampleId :
BP-MW1581-GW-315-317

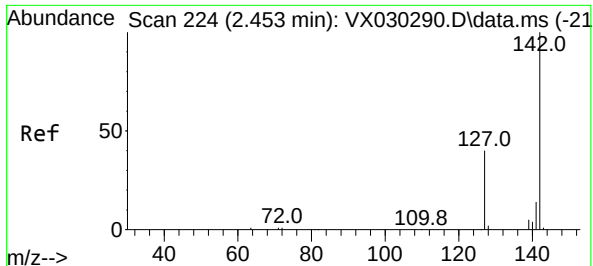
Tgt Ion: 94 Resp: 228
Ion Ratio Lower Upper
94 100
96 95.1 76.9 115.3



#6
Chloroethane
Concen: 0.639 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

Tgt Ion: 64 Resp: 867
Ion Ratio Lower Upper
64 100
66 3.3 27.2 40.8#

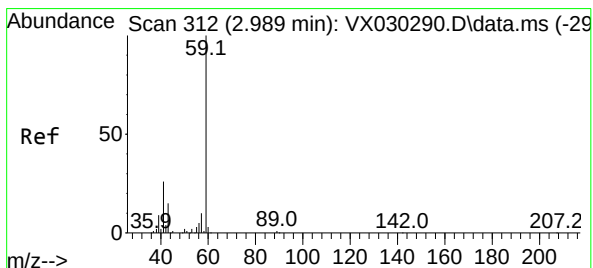
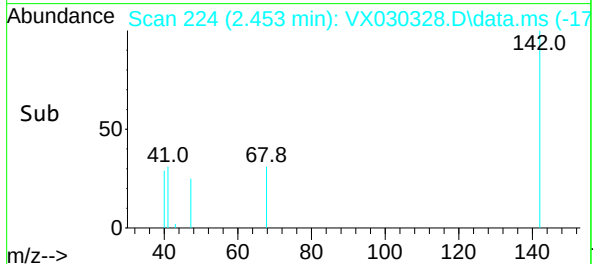
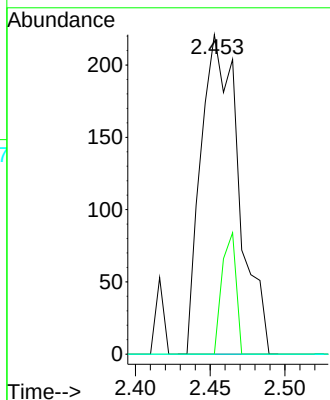
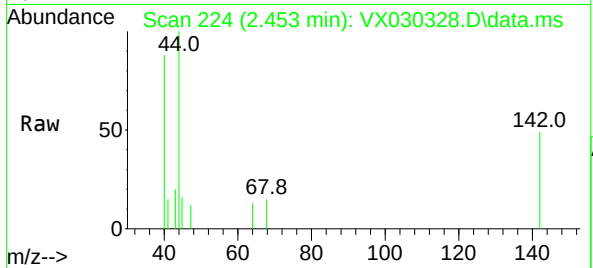




#10
Methyl Iodide
Concen: 1.692 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

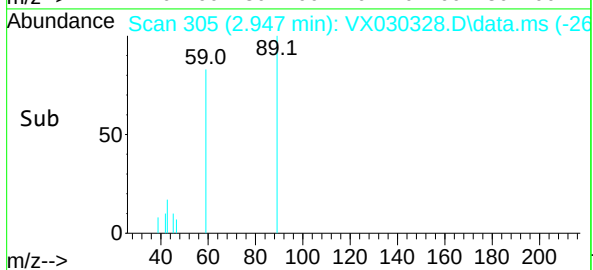
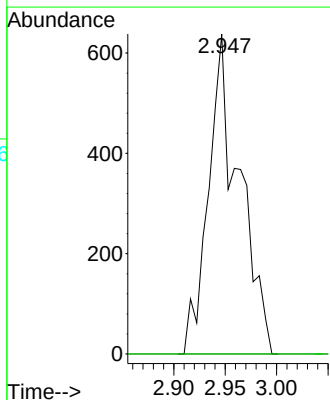
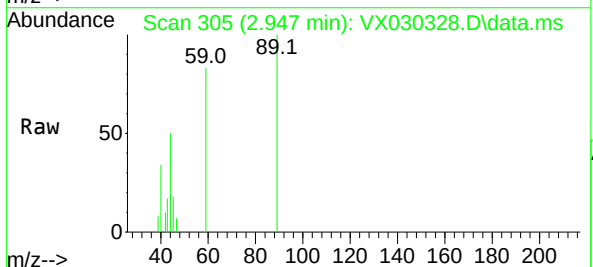
Instrument :
MSVOA_X
ClientSampleId :
BP-MW15811-GW-315-317

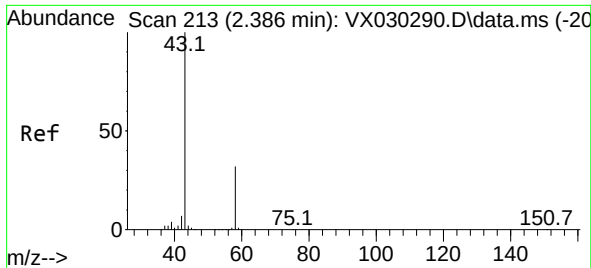
Tgt Ion:142 Resp: 388
Ion Ratio Lower Upper
142 100
127 14.2 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.883 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

Tgt Ion: 59 Resp: 1332
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 3.070 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.005 min

Lab File: VX030328.D

Acq: 01 Aug 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

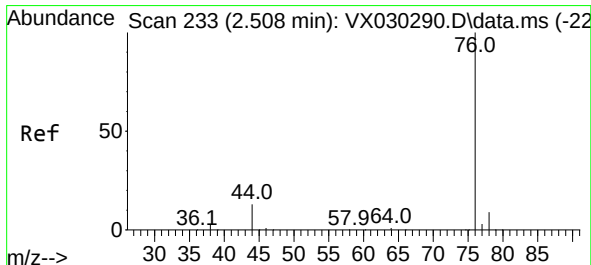
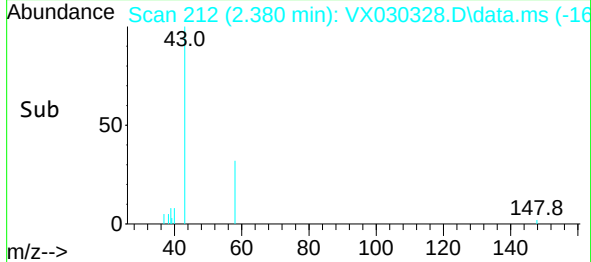
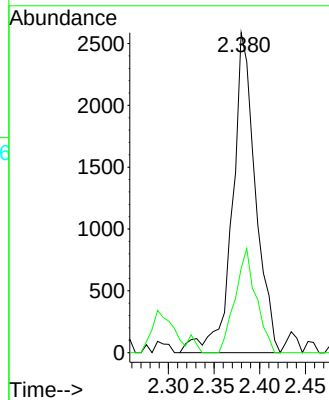
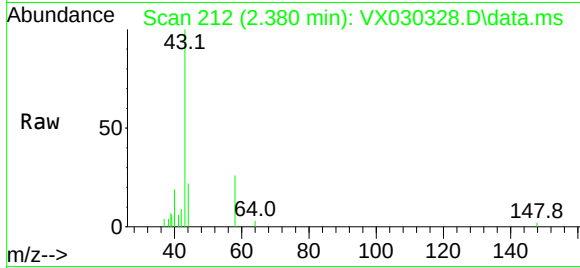
BP-MW15811-GW-315-317

Tgt Ion: 43 Resp: 4557

Ion Ratio Lower Upper

43 100

58 26.4 27.7 41.5#



#17

Carbon Disulfide

Concen: 0.282 ug/l

RT: 2.508 min Scan# 233

Delta R.T. 0.001 min

Lab File: VX030328.D

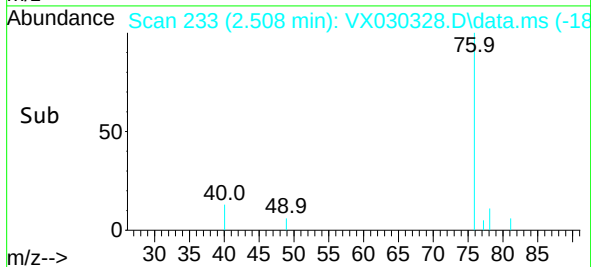
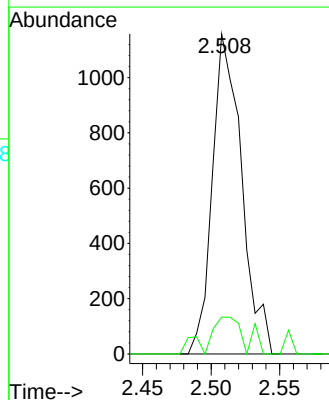
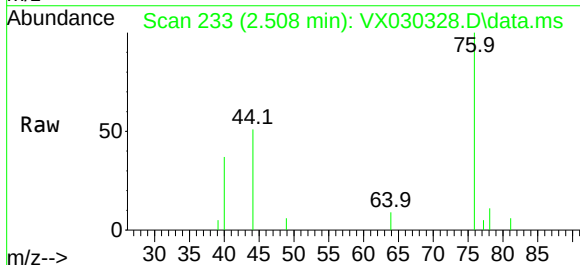
Acq: 01 Aug 2022 17:28

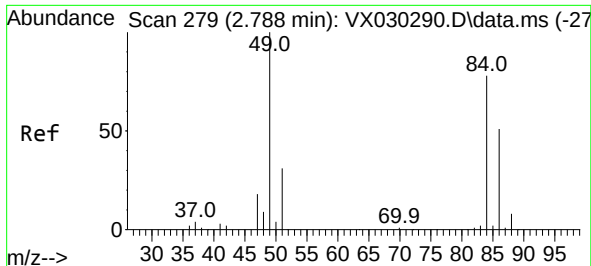
Tgt Ion: 76 Resp: 1718

Ion Ratio Lower Upper

76 100

78 11.5 7.8 11.6

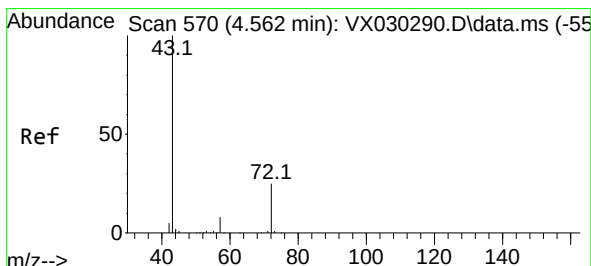
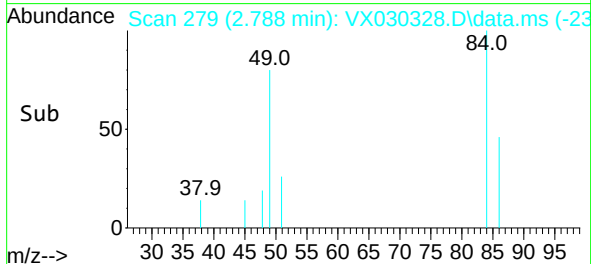
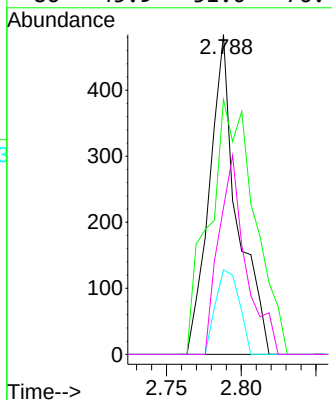
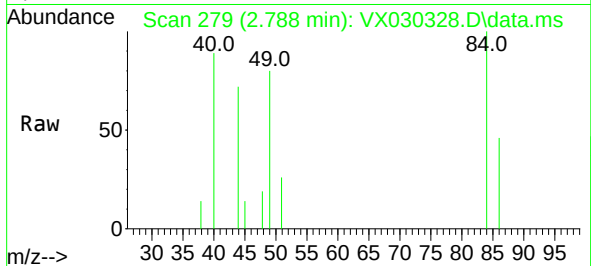




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

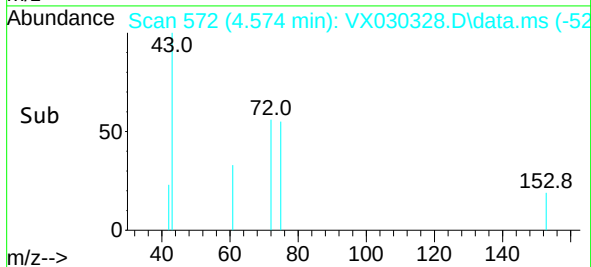
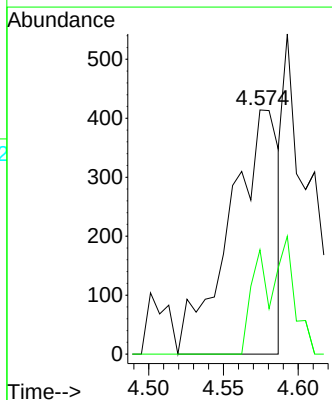
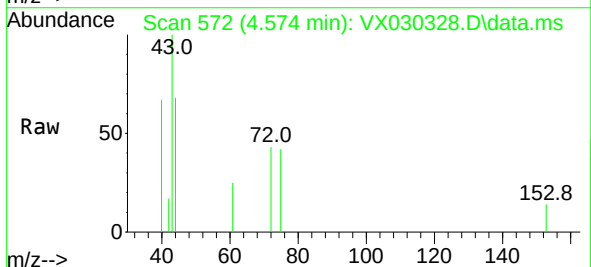
Instrument :
MSVOA_X
ClientSampleId :
BP-MW15811-GW-315-317

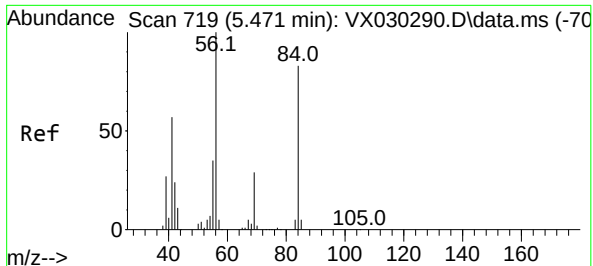
Tgt Ion: 84	Resp: 626
Ion Ratio	Lower Upper
84 100	
49 79.8	93.8 140.6#
51 26.4	29.4 44.0#
86 45.9	51.0 76.4#



#25
2-Butanone
Concen: 0.375 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

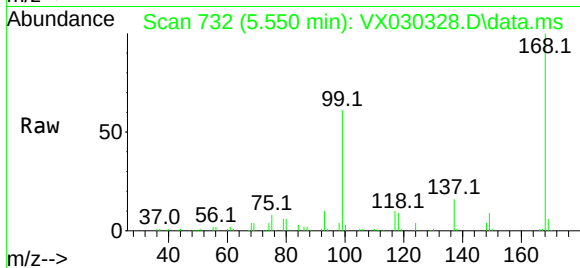
Tgt Ion: 43	Resp: 935		
Ion Ratio	Lower	Upper	
43 100			
72 42.8	21.7	32.5#	



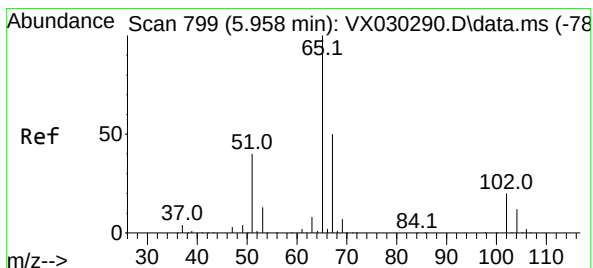
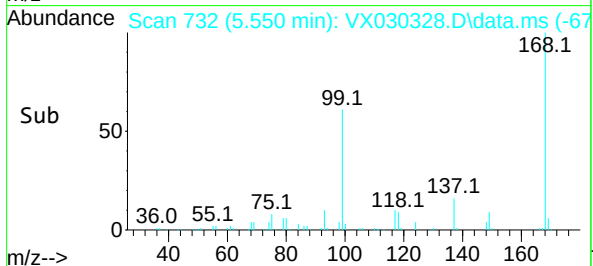
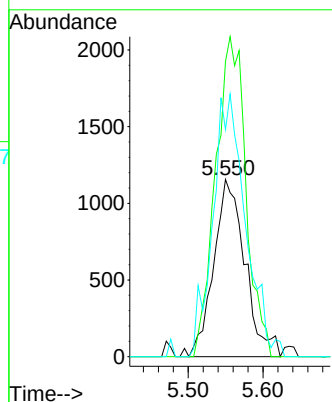


#31
Cyclohexane
Concen: 0.801 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

Instrument :
MSVOA_X
ClientSampleId :
BP-MW1581-GW-315-317

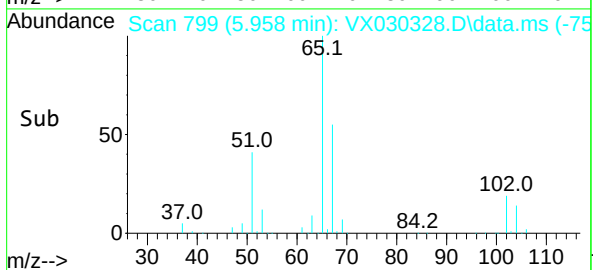
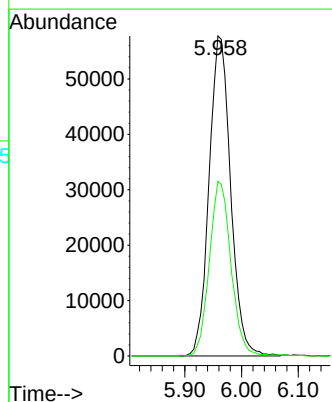
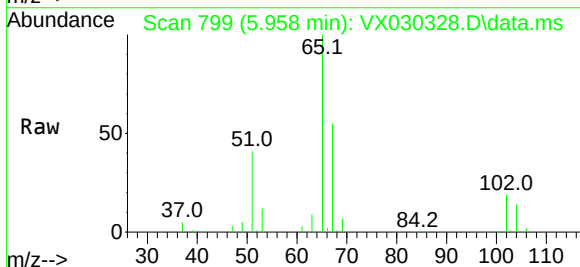


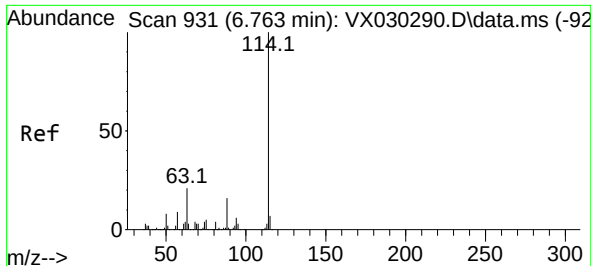
Tgt Ion: 56 Resp: 3372
Ion Ratio Lower Upper
56 100
69 166.5 25.4 38.0#
84 128.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.587 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

Tgt Ion: 65 Resp: 152465
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

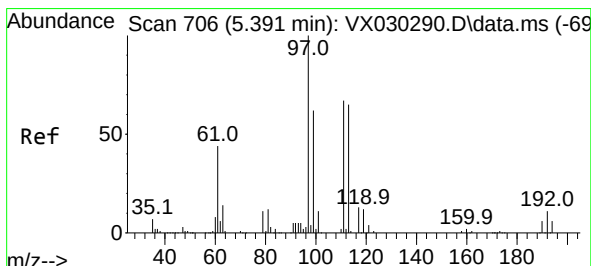
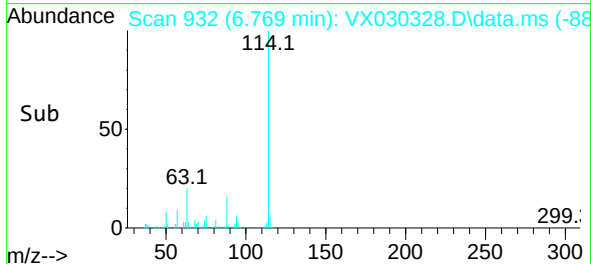
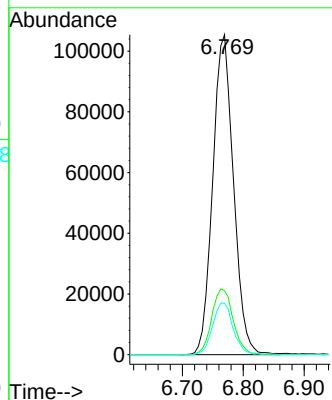
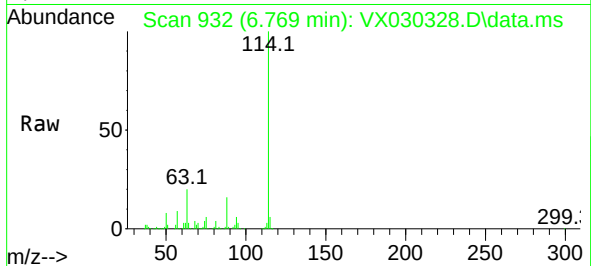




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

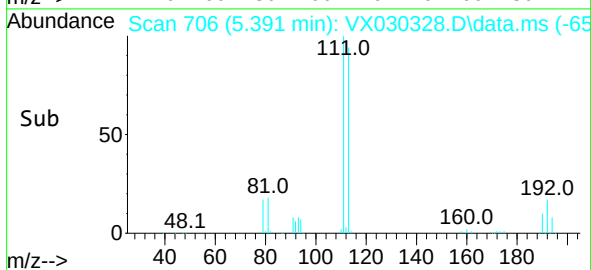
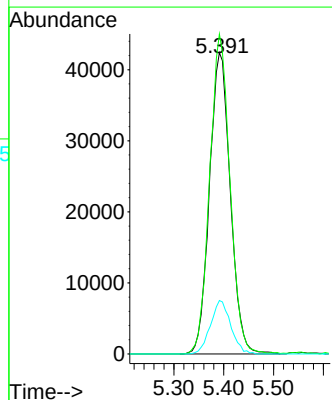
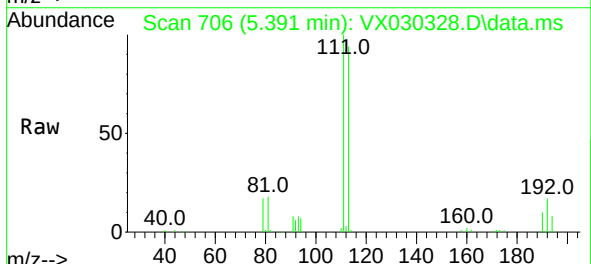
Instrument :
MSVOA_X
ClientSampleId :
BP-MW1581-GW-315-317

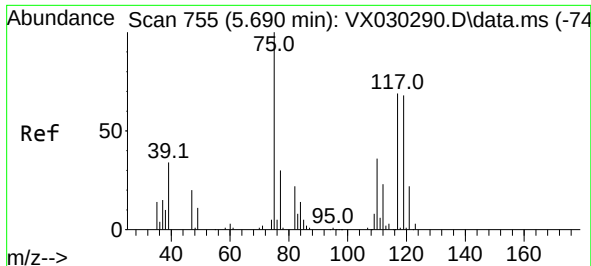
Tgt Ion:114 Resp: 249450
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.4
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.588 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

Tgt Ion:113 Resp: 123018
Ion Ratio Lower Upper
113 100
111 103.3 83.2 124.8
192 17.3 14.8 22.2

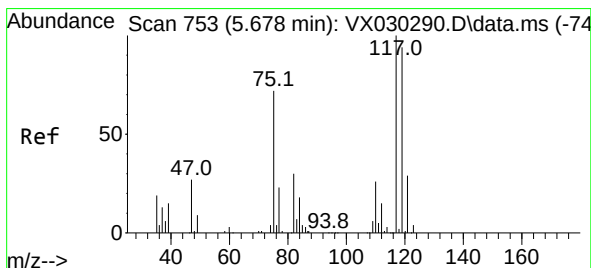
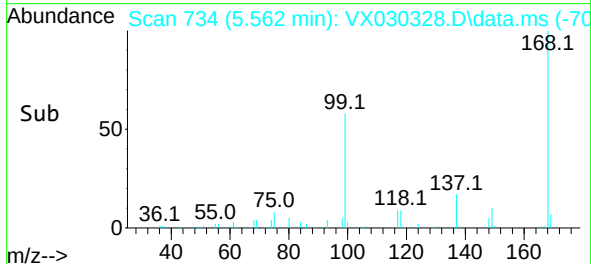
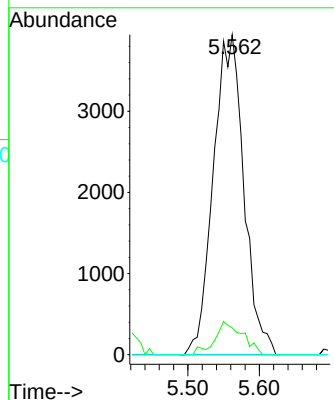
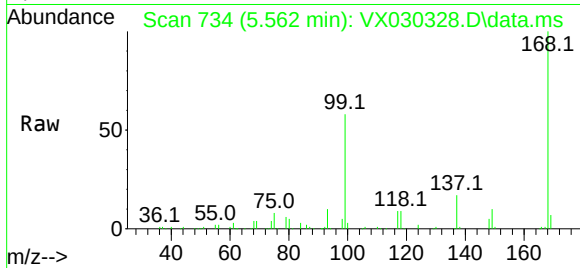




#36
1,1-Dichloropropene
Concen: 3.400 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

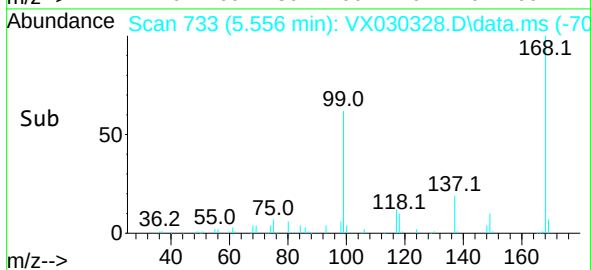
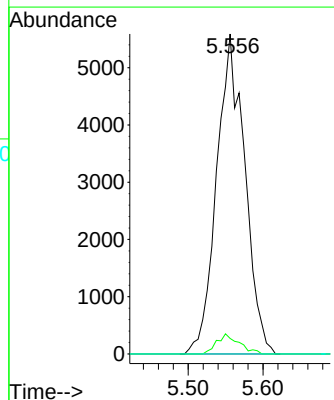
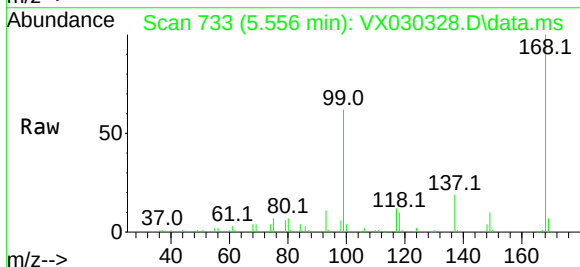
Instrument :
MSVOA_X
ClientSampleId :
BP-MW15811-GW-315-317

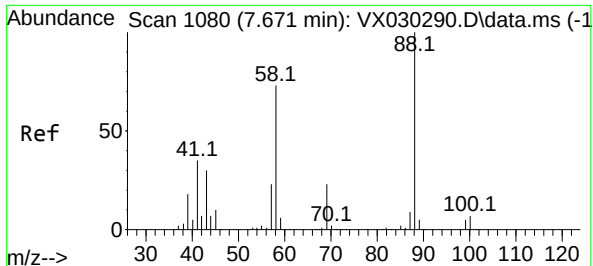
Tgt Ion: 75 Resp: 11669
Ion Ratio Lower Upper
75 100
110 9.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.564 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

Tgt Ion: 117 Resp: 14622
Ion Ratio Lower Upper
117 100
119 4.9 74.1 111.1#
121 0.0 25.8 38.8#





#49

1,4-Dioxane

Concen: 0.975 ug/l

RT: 7.677 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX030328.D

Acq: 01 Aug 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

BP-MW1581-GW-315-317

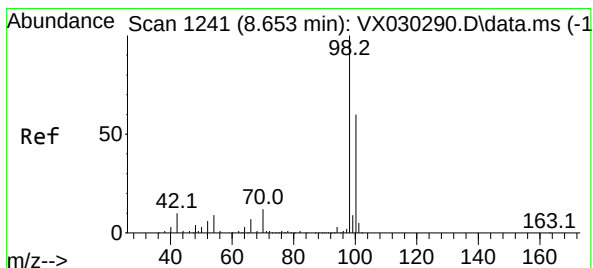
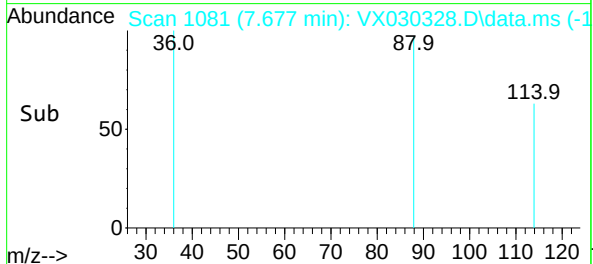
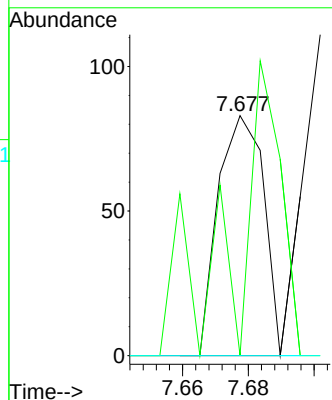
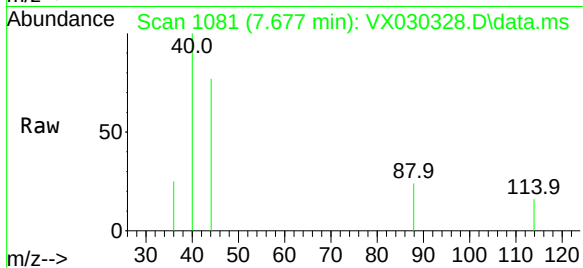
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

43 106.3 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 49.688 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030328.D

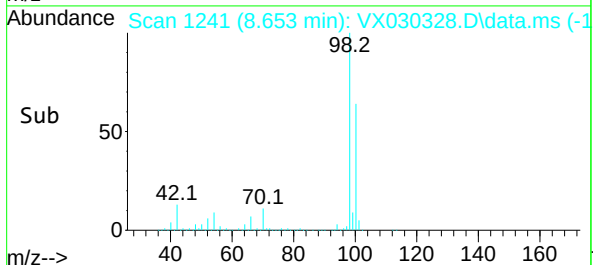
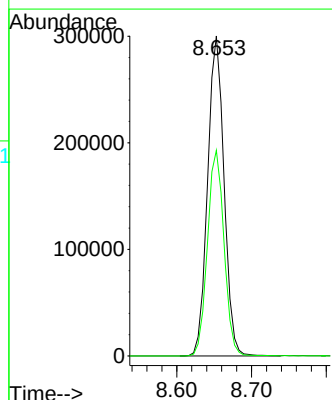
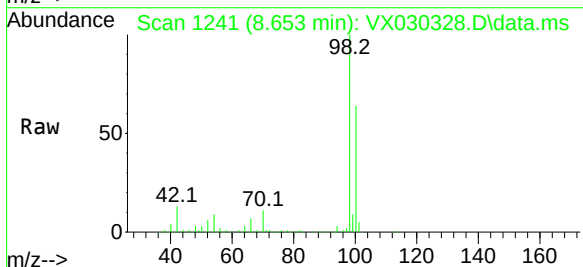
Acq: 01 Aug 2022 17:28

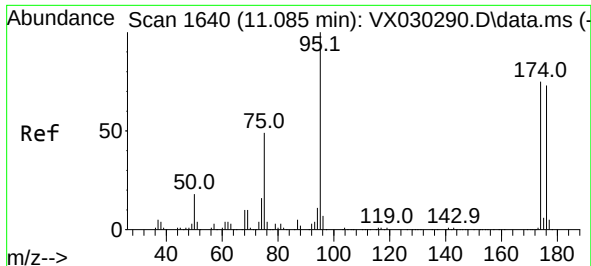
Tgt Ion: 98 Resp: 458854

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 46.754 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030328.D

Acq: 01 Aug 2022 17:28

Instrument :

MSVOA_X

ClientSampleId :

BP-MW1581-GW-315-317

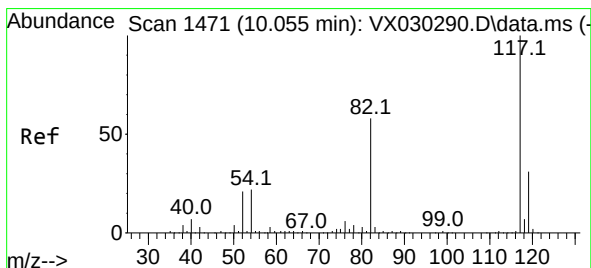
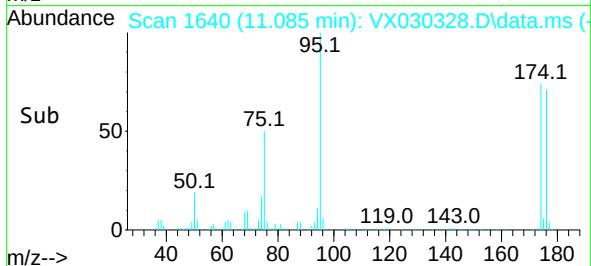
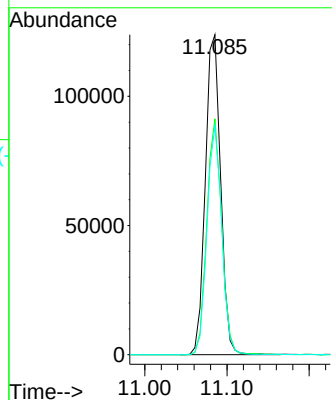
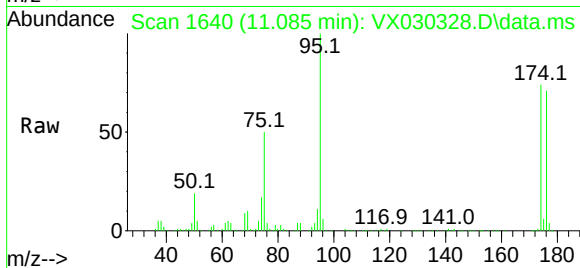
Tgt Ion: 95 Resp: 160238

Ion Ratio Lower Upper

95 100

174 71.9 0.0 149.0

176 69.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030328.D

Acq: 01 Aug 2022 17:28

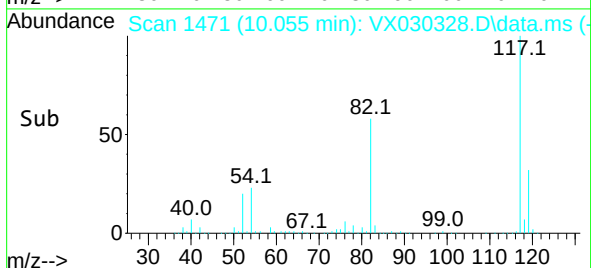
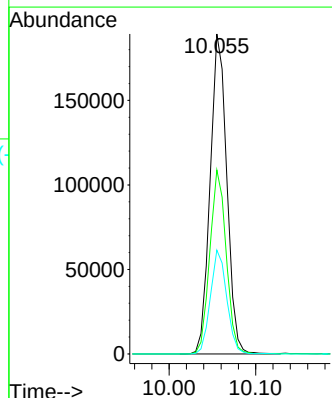
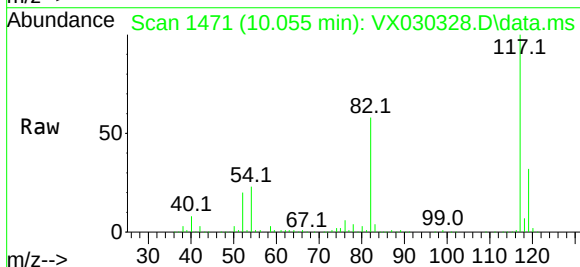
Tgt Ion: 117 Resp: 252894

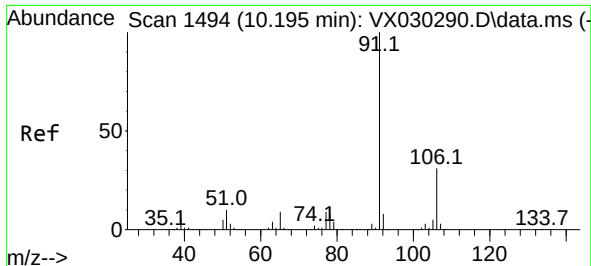
Ion Ratio Lower Upper

117 100

82 57.5 42.7 64.1

119 32.5 25.4 38.2

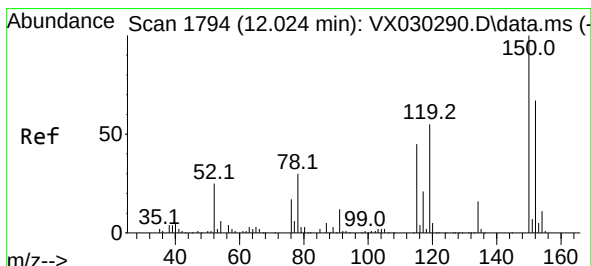
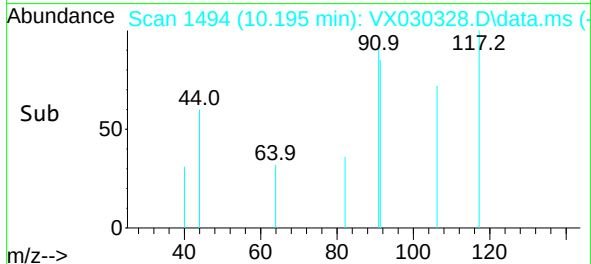
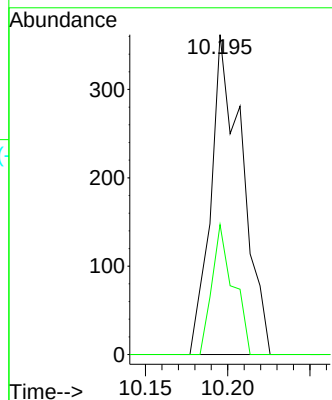
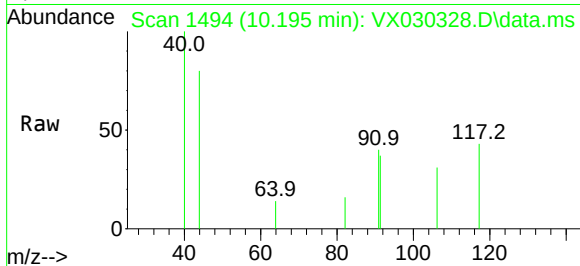




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

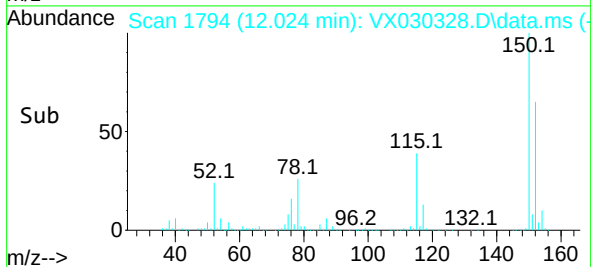
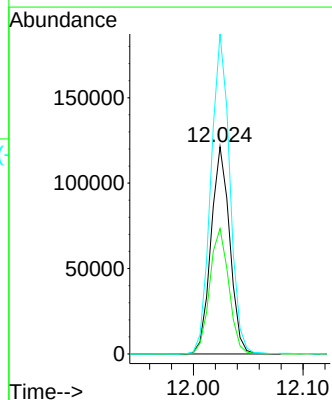
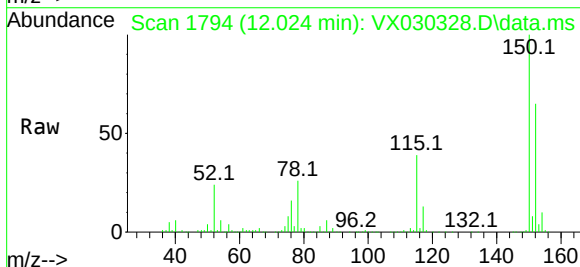
Instrument :
MSVOA_X
ClientSampleId :
BP-MW1581-GW-315-317

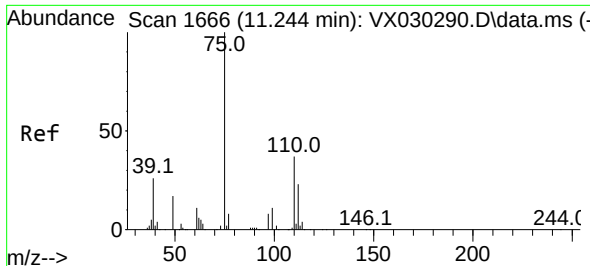
Tgt Ion: 91 Resp: 478
Ion Ratio Lower Upper
91 100
106 40.6 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

Tgt Ion: 152 Resp: 144008
Ion Ratio Lower Upper
152 100
115 61.7 40.5 121.5
150 155.3 0.0 347.0

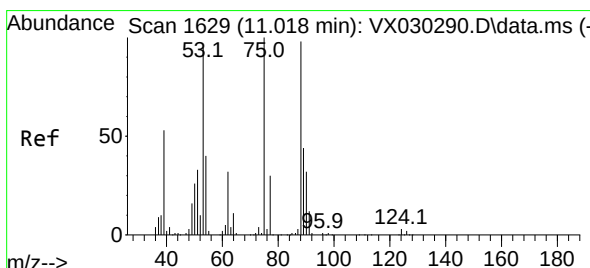
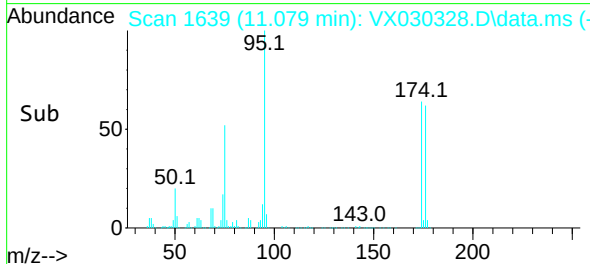
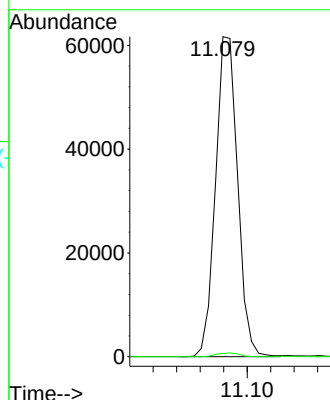
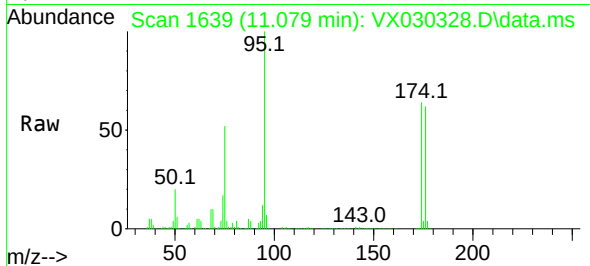




#76
1,2,3-Trichloropropane
Concen: 21.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

Instrument :
MSVOA_X
ClientSampleId :
BP-MW1581-GW-315-317

Tgt Ion: 75 Resp: 80573
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030328.D
Acq: 01 Aug 2022 17:28

Tgt Ion: 75 Resp: 80573
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

