

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030329.D
 Acq On : 01 Aug 2022 17:51
 Operator : JC/MD
 Sample : N3959-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW15811-TB-20220726

Quant Time: Aug 02 01:55:33 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)

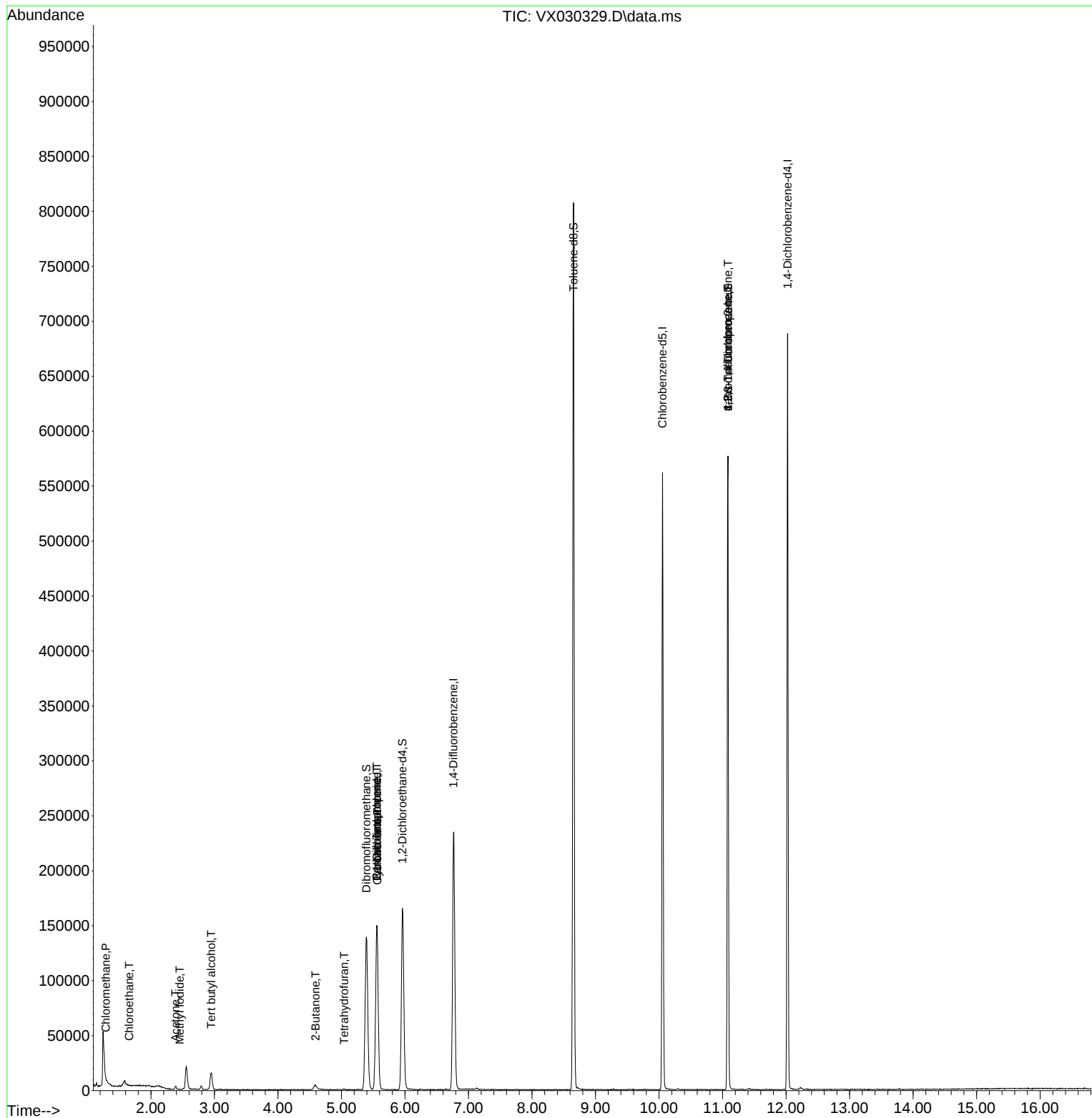
Internal Standards						
1) Pentafluorobenzene	5.556	168	140525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243518	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	134411	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155434	55.031	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.060%	
35) Dibromofluoromethane	5.391	113	123450	53.030	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.060%	
50) Toluene-d8	8.653	98	467383	51.844	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	11.085	95	161068	48.141	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	603	0.264	ug/l #	75
5) Bromomethane	1.611	94	255	Below Cal		84
6) Chloroethane	1.654	64	323	0.244	ug/l #	65
10) Methyl Iodide	2.453	142	205	1.616	ug/l #	72
11) Tert butyl alcohol	2.947	59	9806	14.233	ug/l #	76
16) Acetone	2.386	43	3066	2.120	ug/l #	81
20) Methylene Chloride	2.794	84	1504	Below Cal		93
25) 2-Butanone	4.593	43	688	0.283	ug/l #	48
29) Tetrahydrofuran	5.044	42	623	0.381	ug/l #	40
31) Cyclohexane	5.562	56	3191	0.778	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11918	3.557	ug/l #	48
38) Carbon Tetrachloride	5.556	117	14164	4.529	ug/l #	18
67) Ethyl Benzene	10.189	91	86	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	80888	22.830	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	80888	68.489	ug/l #	12

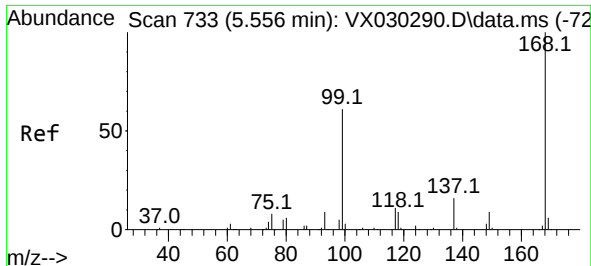
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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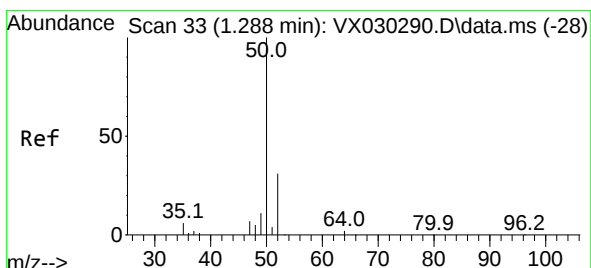
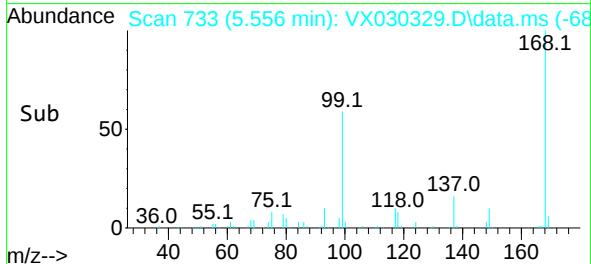
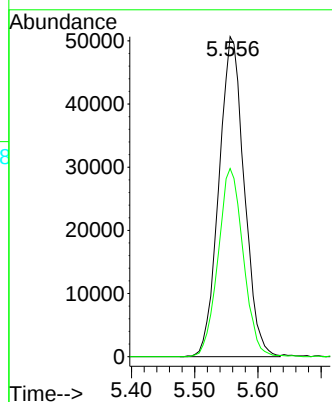
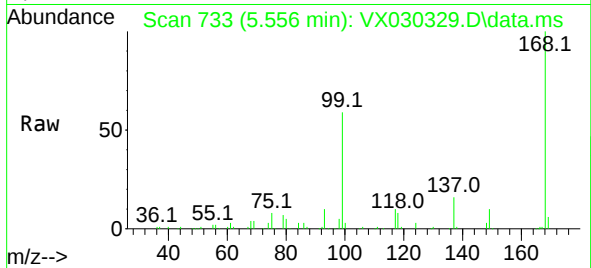




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

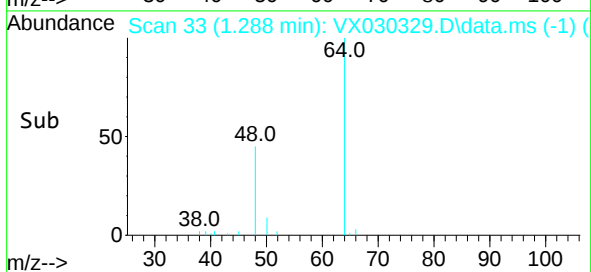
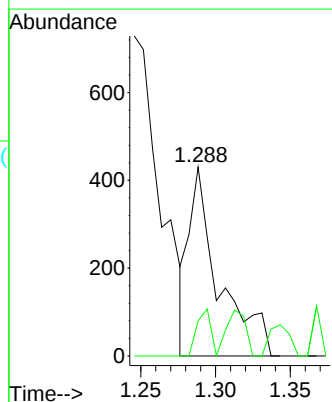
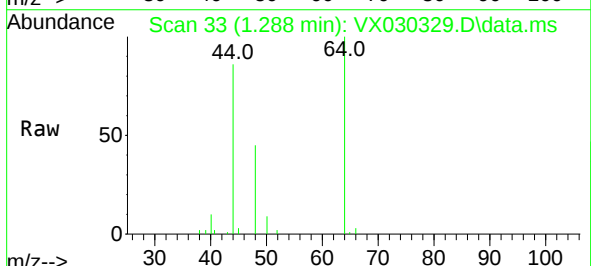
Instrument :
MSVOA_X
ClientSampleId :
BP-MW15811-TB-20220726

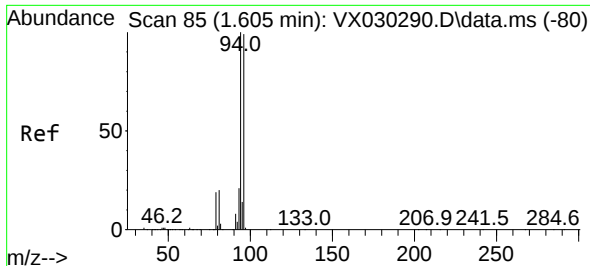
Tgt Ion:168 Resp: 140525
Ion Ratio Lower Upper
168 100
99 58.8 44.0 66.0



#3
Chloromethane
Concen: 0.264 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

Tgt Ion: 50 Resp: 603
Ion Ratio Lower Upper
50 100
52 18.6 26.3 39.5#

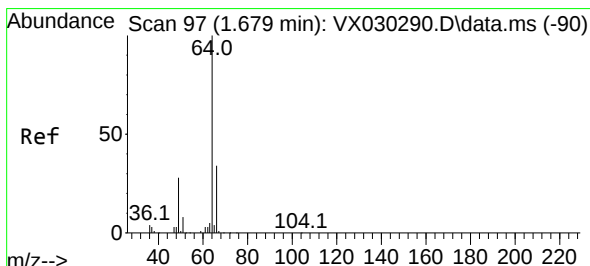
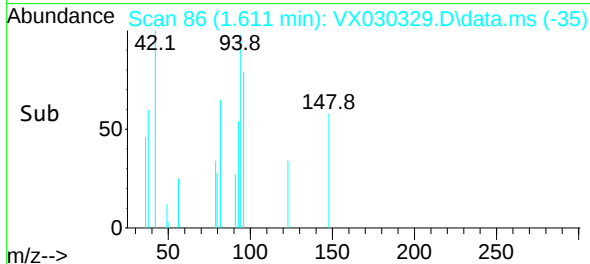
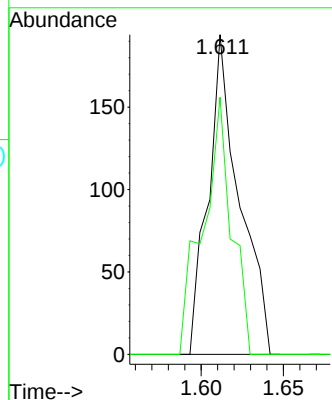
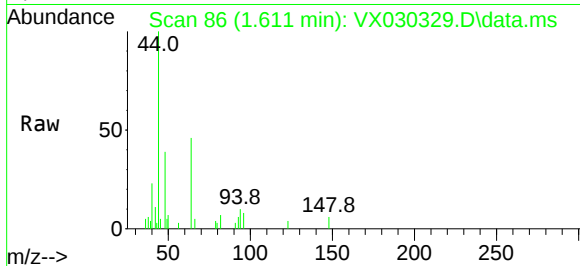




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

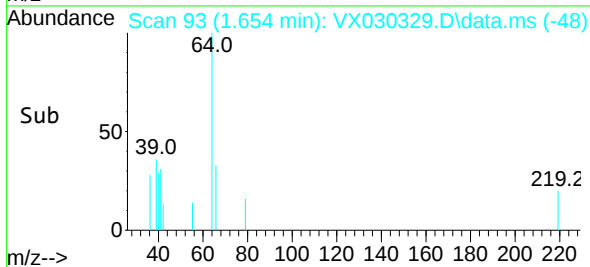
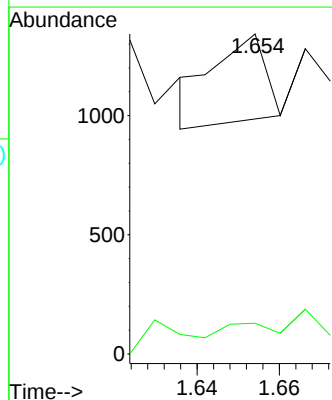
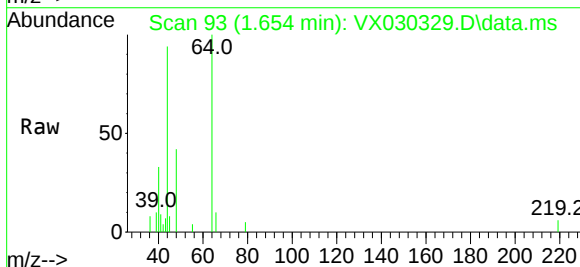
Instrument :
MSVOA_X
ClientSampleId :
BP-MW15811-TB-20220726

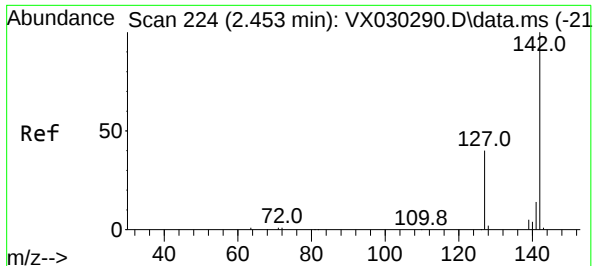
Tgt Ion: 94 Resp: 255
Ion Ratio Lower Upper
94 100
96 80.4 76.9 115.3



#6
Chloroethane
Concen: 0.244 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.024 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

Tgt Ion: 64 Resp: 323
Ion Ratio Lower Upper
64 100
66 13.7 27.2 40.8#

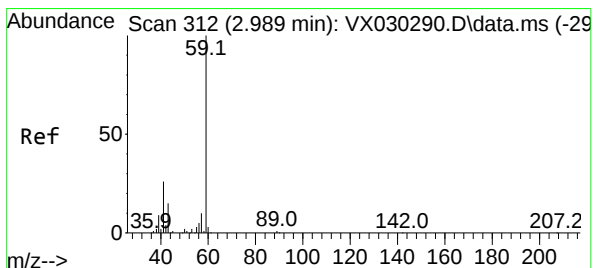
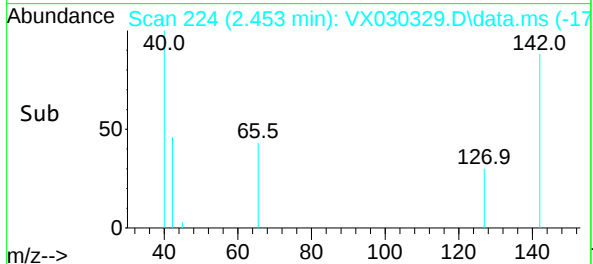
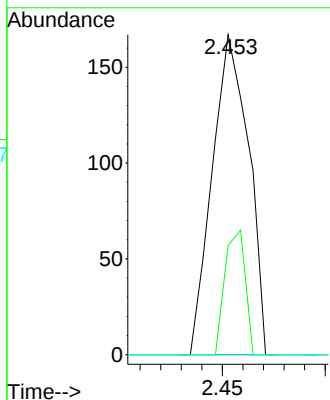
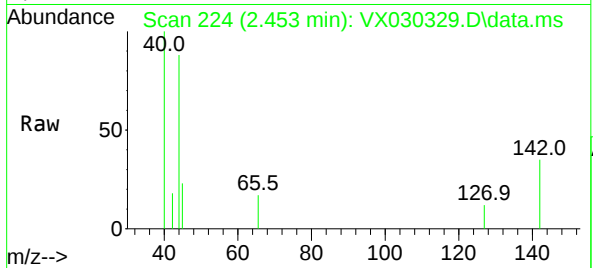




#10
Methyl Iodide
Concen: 1.616 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

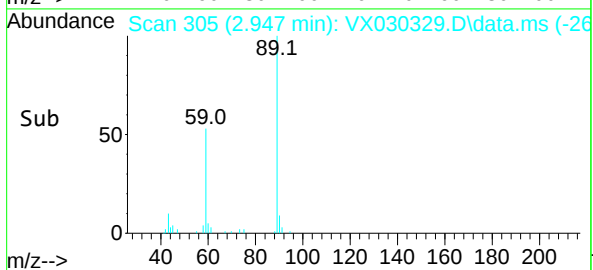
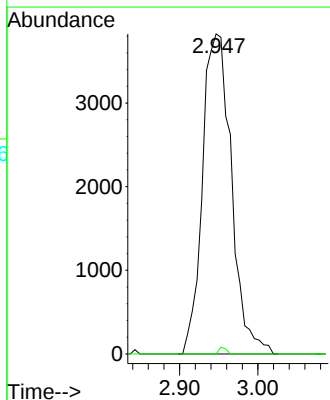
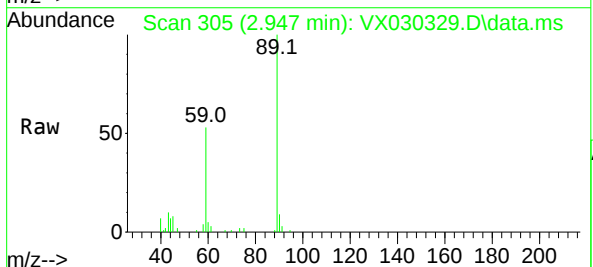
Instrument :
MSVOA_X
ClientSampleId :
BP-MW15811-TB-20220726

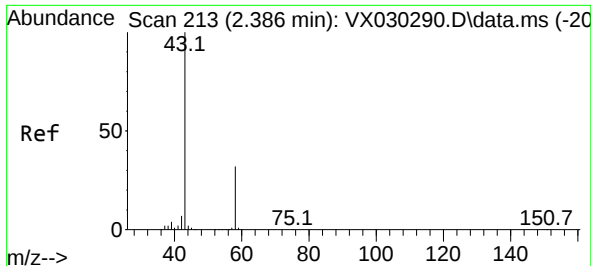
Tgt Ion:142 Resp: 205
Ion Ratio Lower Upper
142 100
127 22.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 14.233 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

Tgt Ion: 59 Resp: 9806
Ion Ratio Lower Upper
59 100
57 0.5 7.4 11.2#

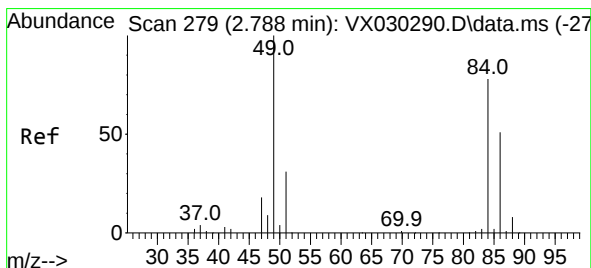
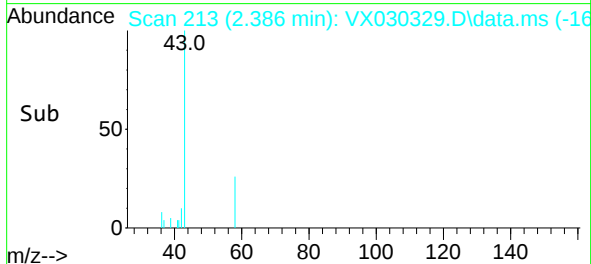
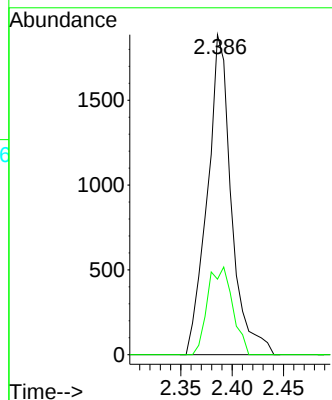
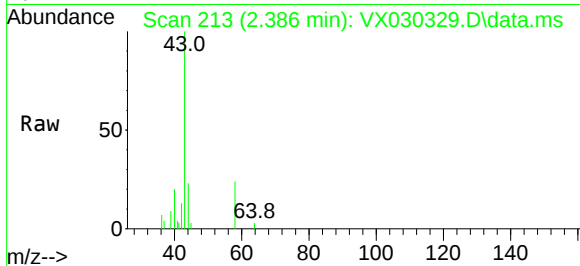




#16
Acetone
Concen: 2.120 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

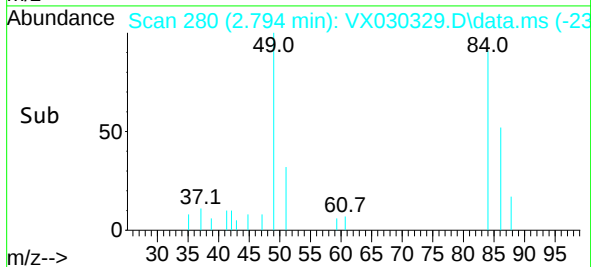
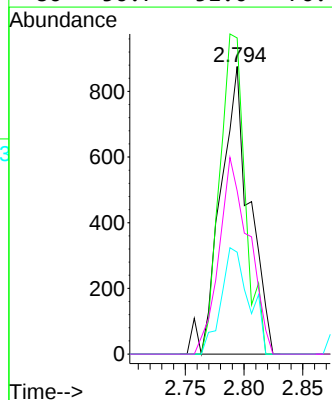
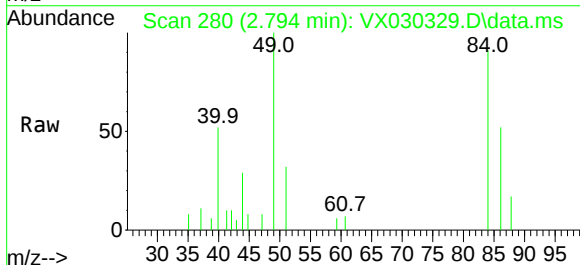
Instrument :
MSVOA_X
ClientSampleId :
BP-MW15811-TB-20220726

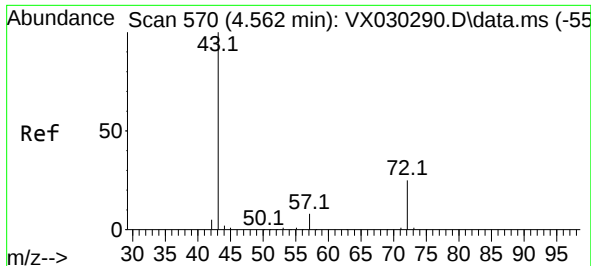
Tgt Ion: 43 Resp: 3066
Ion Ratio Lower Upper
43 100
58 23.6 27.7 41.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

Tgt Ion: 84 Resp: 1504
Ion Ratio Lower Upper
84 100
49 109.9 93.8 140.6
51 35.4 29.4 44.0
86 56.7 51.0 76.4

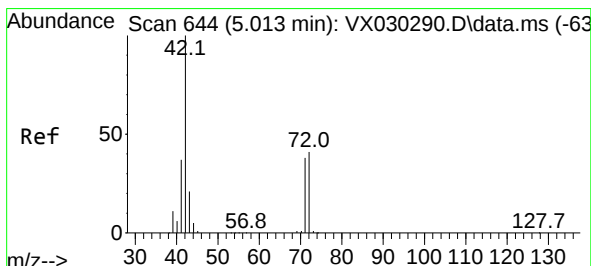
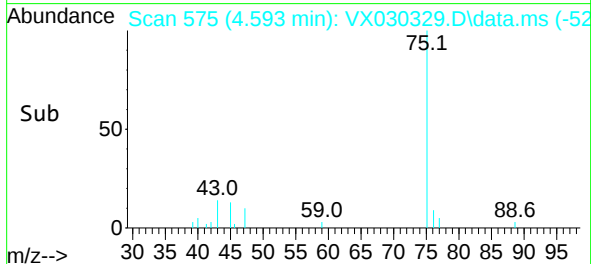
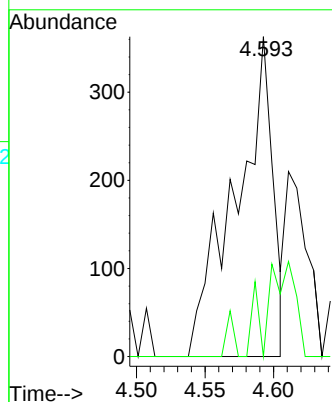
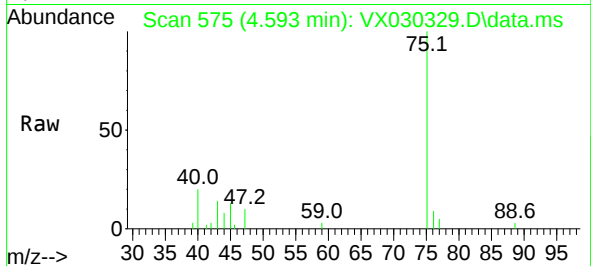




#25
2-Butanone
Concen: 0.283 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

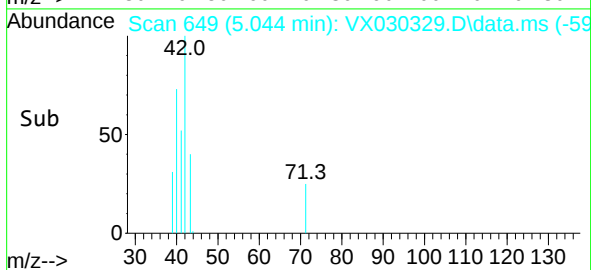
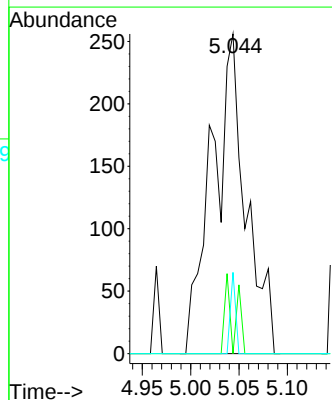
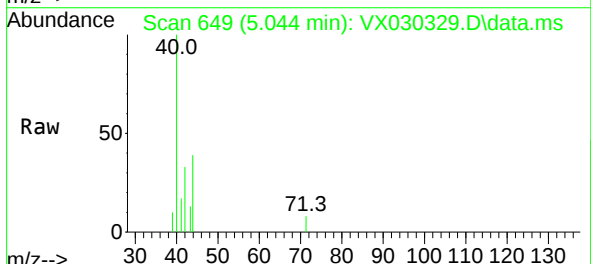
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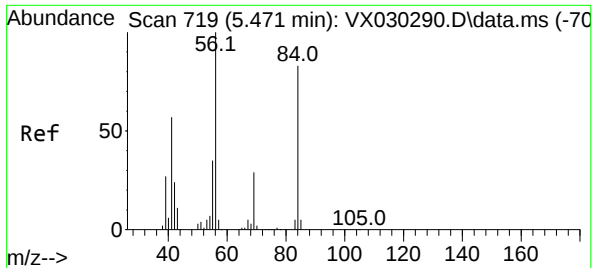
Tgt Ion: 43 Resp: 688
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#29
Tetrahydrofuran
Concen: 0.381 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.031 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

Tgt Ion: 42 Resp: 623
Ion Ratio Lower Upper
42 100
72 7.1 36.5 54.7#
71 3.9 33.9 50.9#

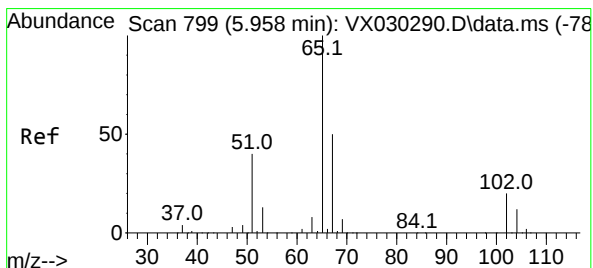
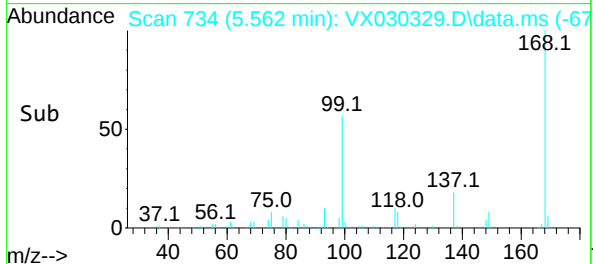
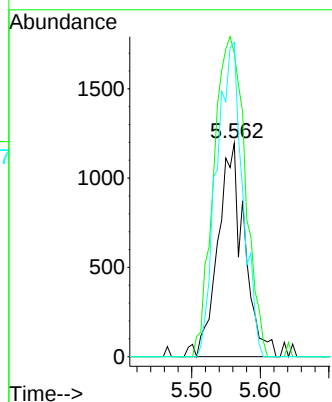
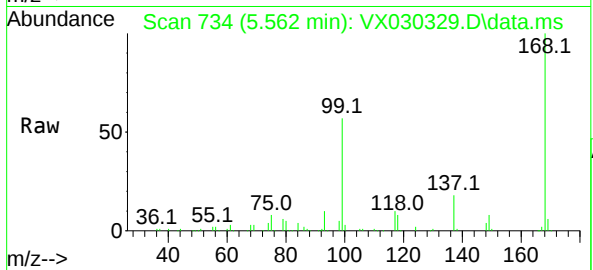




#31
Cyclohexane
Concen: 0.778 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

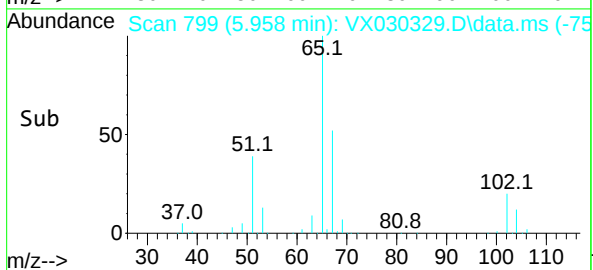
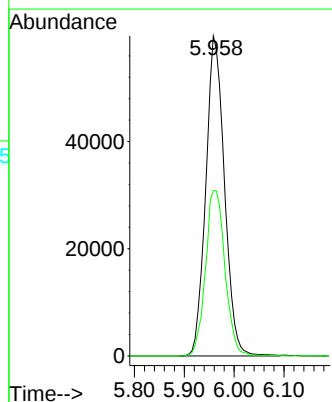
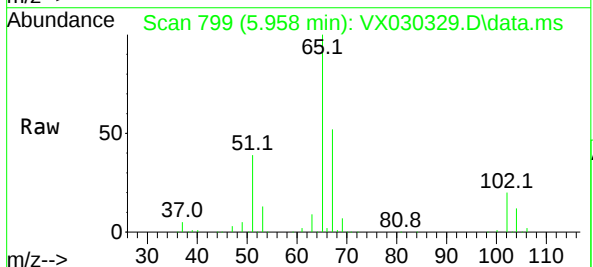
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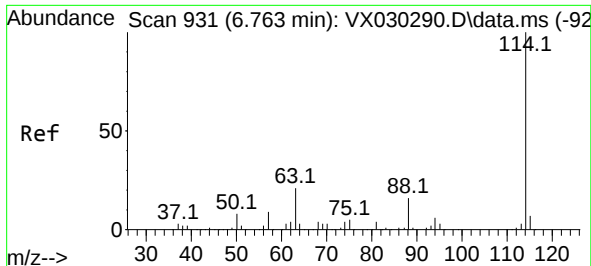
Tgt Ion: 56 Resp: 3191
Ion Ratio Lower Upper
56 100
69 142.3 25.4 38.0#
84 147.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 55.031 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

Tgt Ion: 65 Resp: 155434
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6

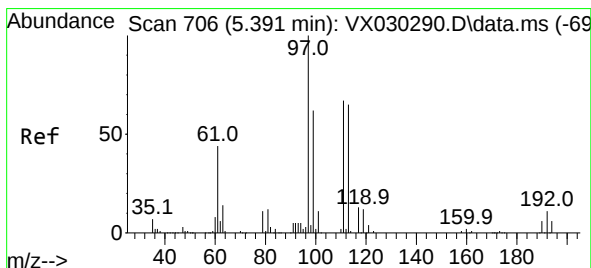
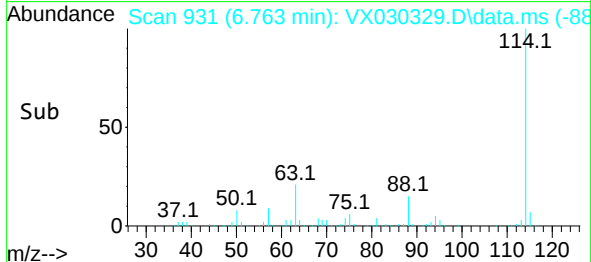
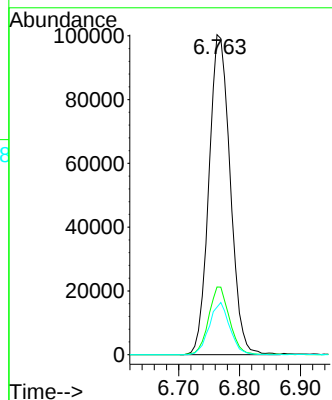
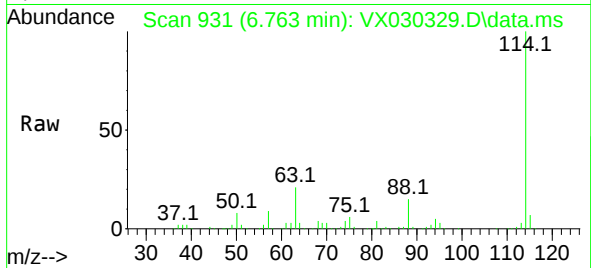




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

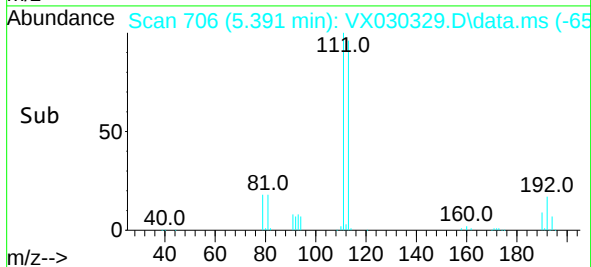
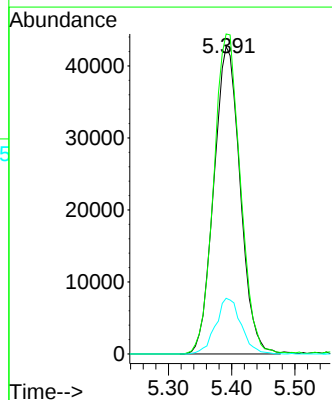
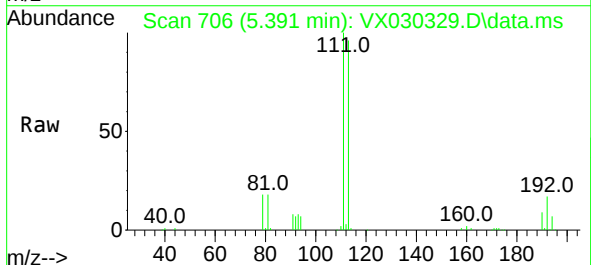
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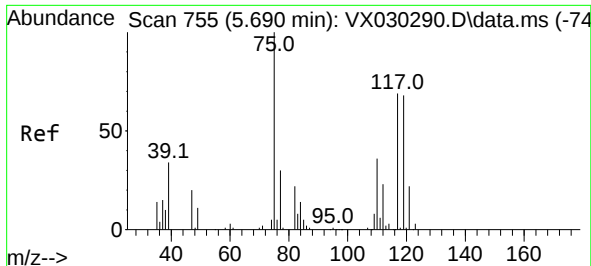
Tgt Ion:114 Resp: 243518
Ion Ratio Lower Upper
114 100
63 21.1 0.0 38.4
88 14.8 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.030 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

Tgt Ion:113 Resp: 123450
Ion Ratio Lower Upper
113 100
111 105.0 83.2 124.8
192 17.4 14.8 22.2

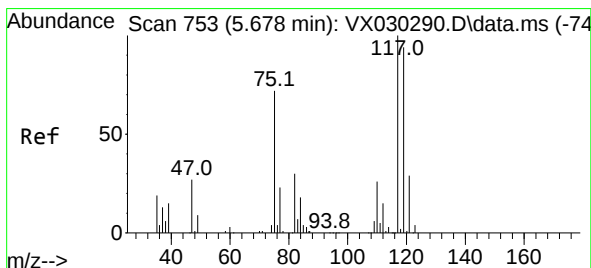
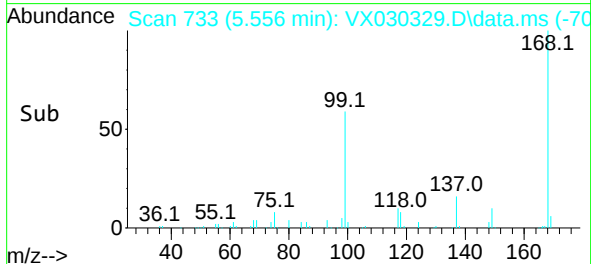
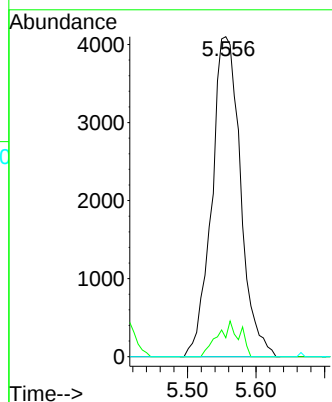
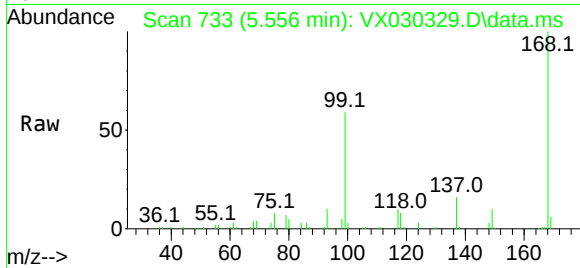




#36
1,1-Dichloropropene
Concen: 3.557 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

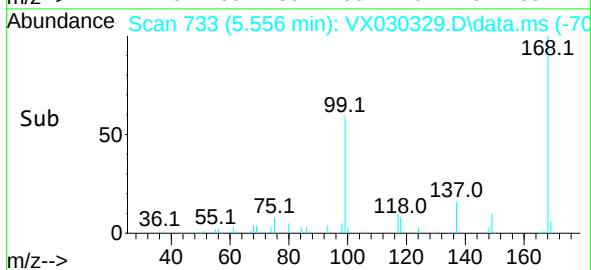
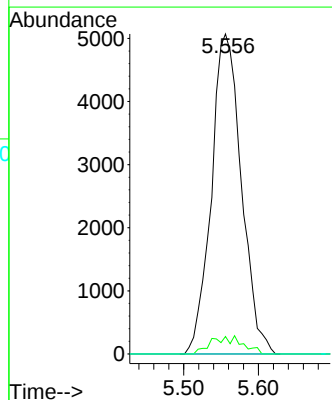
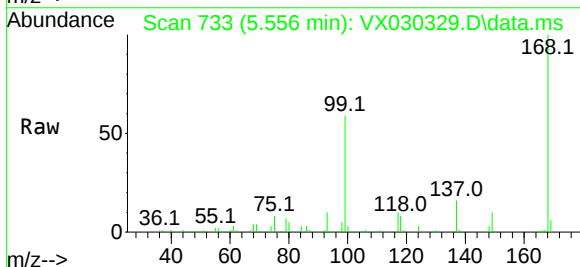
Instrument :
MSVOA_X
ClientSampleId :
BP-MW15811-TB-20220726

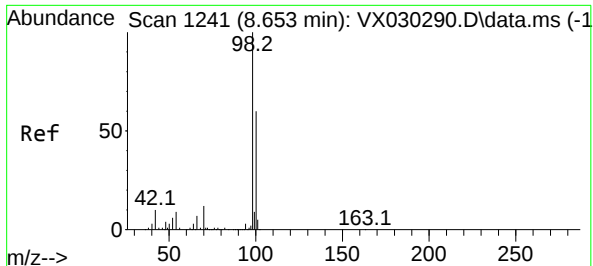
Tgt Ion: 75 Resp: 11918
Ion Ratio Lower Upper
75 100
110 8.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.529 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

Tgt Ion: 117 Resp: 14164
Ion Ratio Lower Upper
117 100
119 5.4 74.1 111.1#
121 0.0 25.8 38.8#

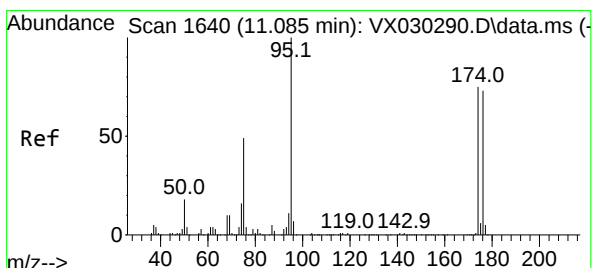
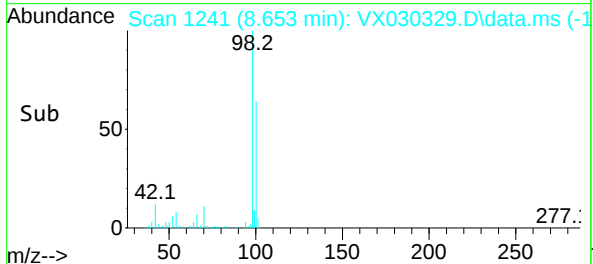
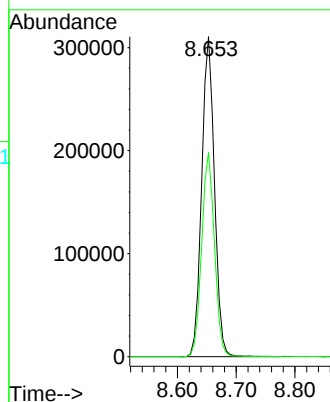
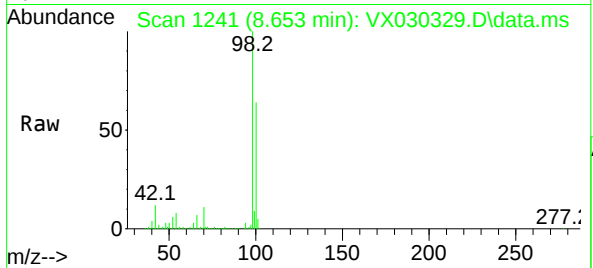




#50
Toluene-d8
Concen: 51.844 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

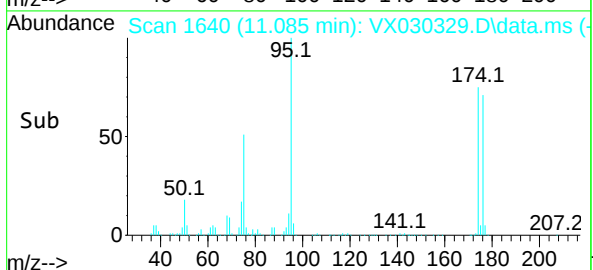
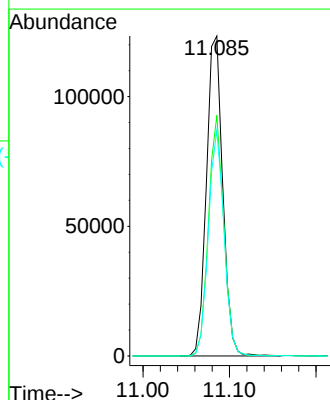
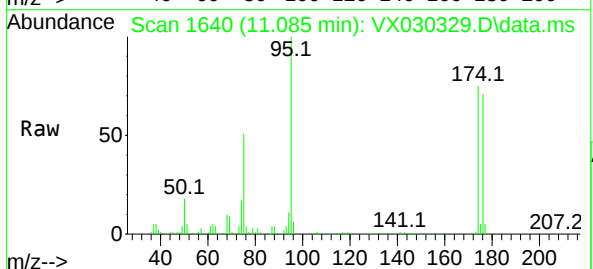
Instrument :
MSVOA_X
ClientSampleId :
BP-MW15811-TB-20220726

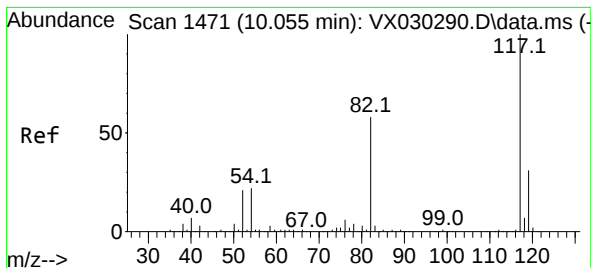
Tgt Ion: 98 Resp: 467383
Ion Ratio Lower Upper
98 100
100 64.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.141 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030329.D
Acq: 01 Aug 2022 17:51

Tgt Ion: 95 Resp: 161068
Ion Ratio Lower Upper
95 100
174 71.2 0.0 149.0
176 67.6 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: VX030329.D

Acq: 01 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

BP-MW15811-TB-20220726

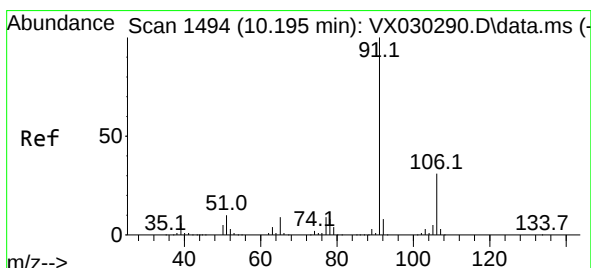
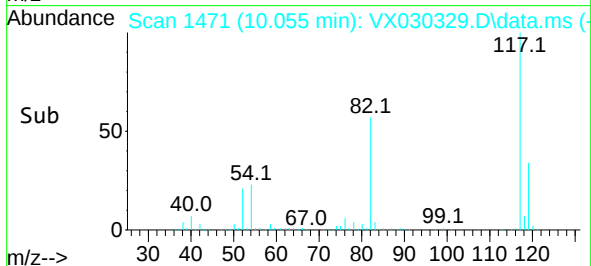
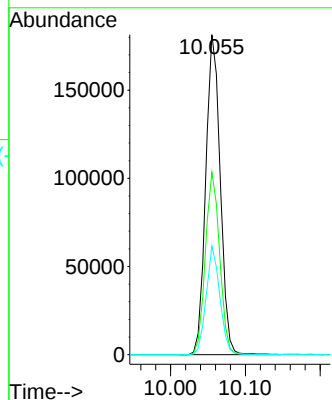
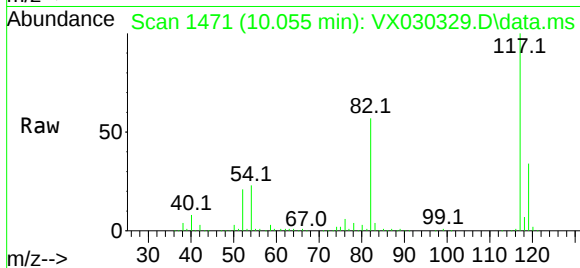
Tgt Ion:117 Resp: 244613

Ion Ratio Lower Upper

117 100

82 57.0 42.7 64.1

119 34.0 25.4 38.2



#67

Ethyl Benzene

Concen: Below Cal

RT: 10.189 min Scan# 1493

Delta R.T. -0.006 min

Lab File: VX030329.D

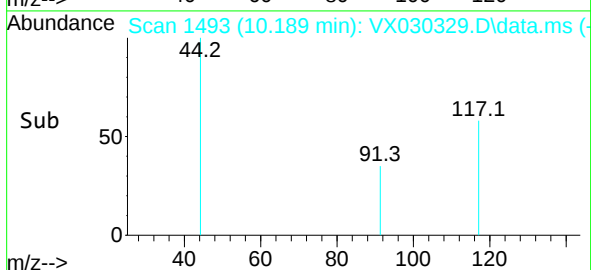
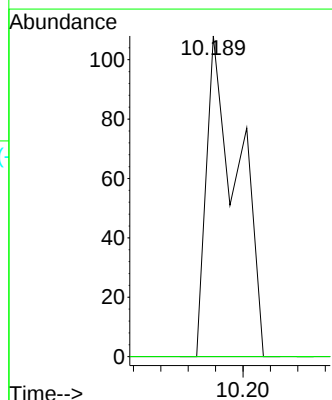
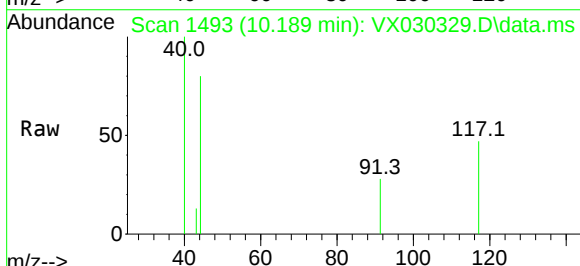
Acq: 01 Aug 2022 17:51

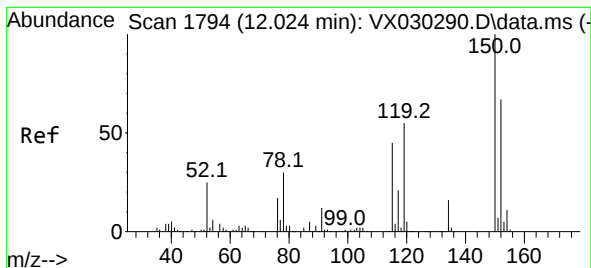
Tgt Ion: 91 Resp: 86

Ion Ratio Lower Upper

91 100

106 0.0 25.5 38.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030329.D

Acq: 01 Aug 2022 17:51

Instrument :

MSVOA_X

ClientSampleId :

BP-MW15811-TB-20220726

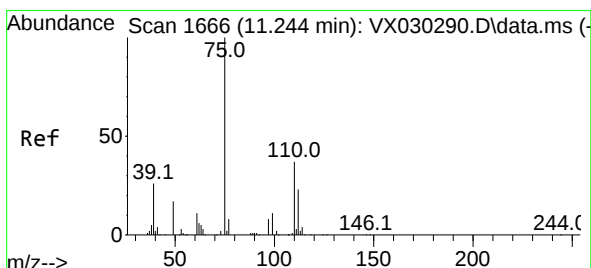
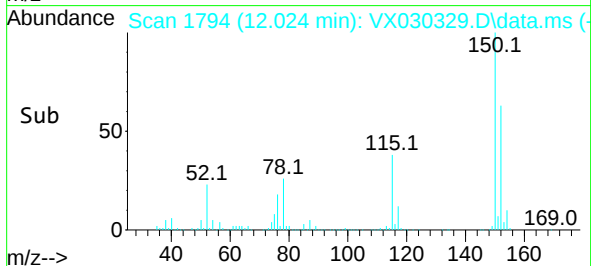
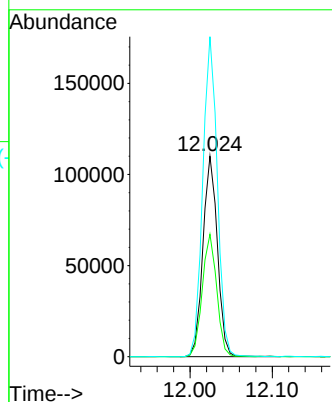
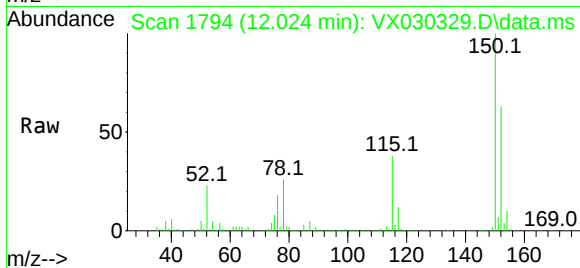
Tgt Ion:152 Resp: 134411

Ion Ratio Lower Upper

152 100

115 60.9 40.5 121.5

150 160.2 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 22.830 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX030329.D

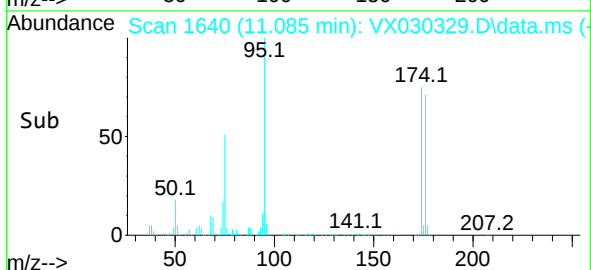
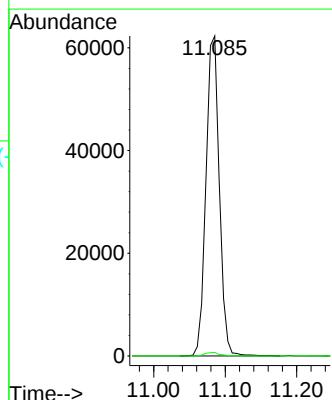
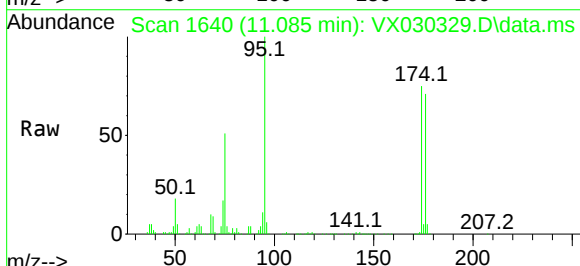
Acq: 01 Aug 2022 17:51

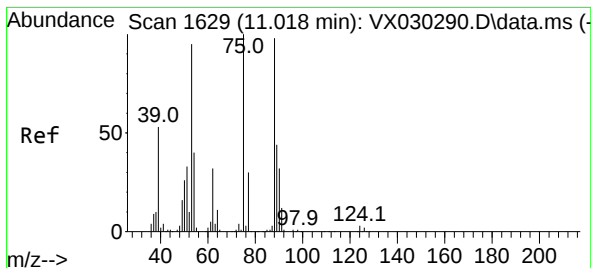
Tgt Ion: 75 Resp: 80888

Ion Ratio Lower Upper

75 100

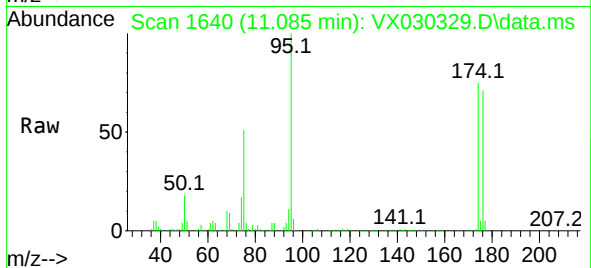
77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.489 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030329.D
 Acq: 01 Aug 2022 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW15811-TB-20220726



Tgt Ion: 75 Resp: 80888
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

