

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030327.D
 Acq On : 01 Aug 2022 17:04
 Operator : JC/MD
 Sample : N3959-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW15811-GW-305-307

Quant Time: Aug 02 01:54:58 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)

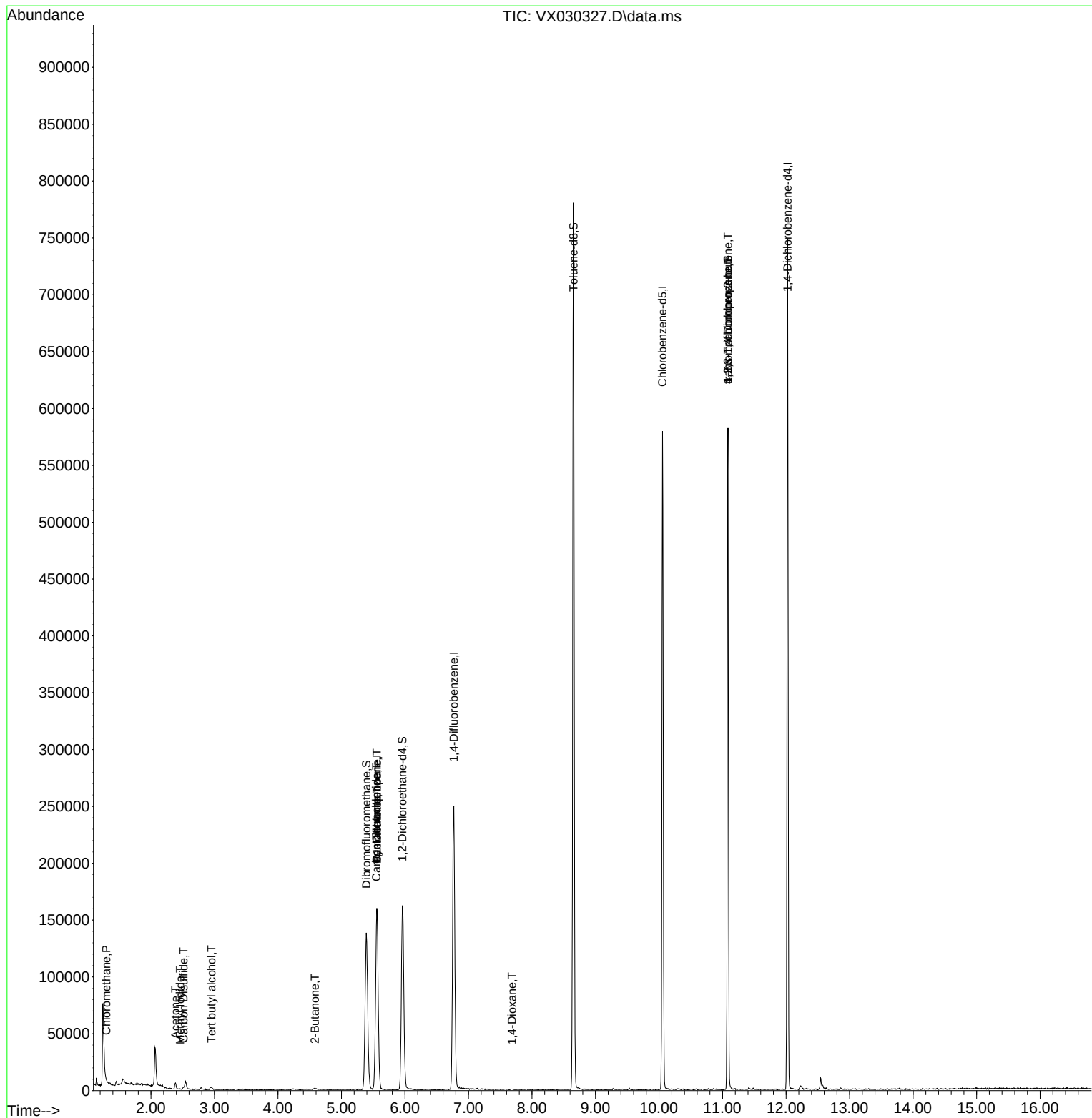
Internal Standards						
1) Pentafluorobenzene	5.556	168	147246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	262091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154471	52.194	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.380%	
35) Dibromofluoromethane	5.391	113	123354	49.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.460%	
50) Toluene-d8	8.653	98	454713	46.864	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.720%	
62) 4-Bromofluorobenzene	11.085	95	159644	44.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 88.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	879	0.368	ug/l	96
5) Bromomethane	1.599	94	259	Below Cal	#	2
10) Methyl Iodide	2.459	142	358	1.676	ug/l #	78
11) Tert butyl alcohol	2.953	59	1773	2.456	ug/l #	74
16) Acetone	2.386	43	5807	3.832	ug/l #	74
17) Carbon Disulfide	2.514	76	2157	0.347	ug/l	95
20) Methylene Chloride	2.794	84	654	Below Cal	#	72
25) 2-Butanone	4.580	43	1674	0.657	ug/l #	85
31) Cyclohexane	5.556	56	3615	0.841	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12592	3.492	ug/l #	48
38) Carbon Tetrachloride	5.550	117	15372	4.567	ug/l #	17
49) 1,4-Dioxane	7.684	88	463	5.441	ug/l	88
67) Ethyl Benzene	10.195	91	239	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.085	75	77714	20.324	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	77714	60.971	ug/l #	13

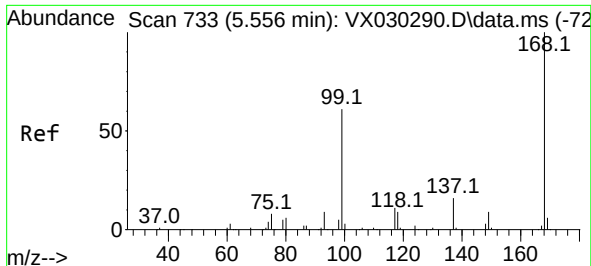
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

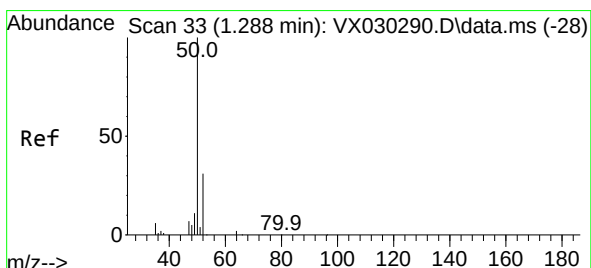
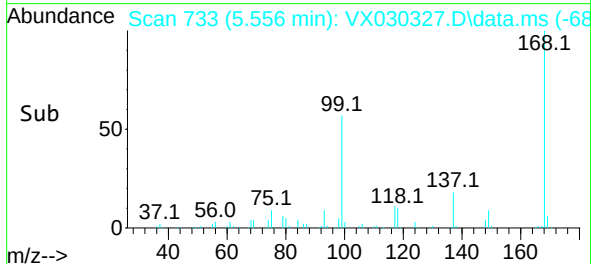
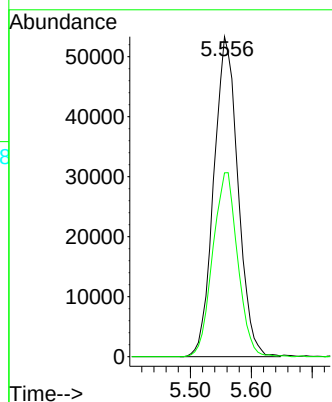
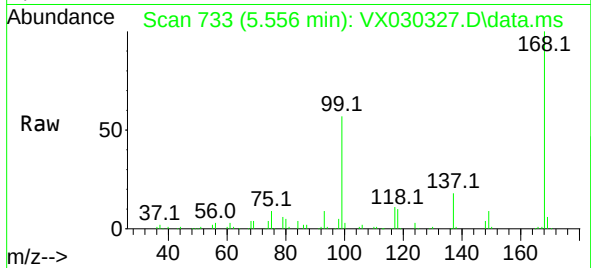




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

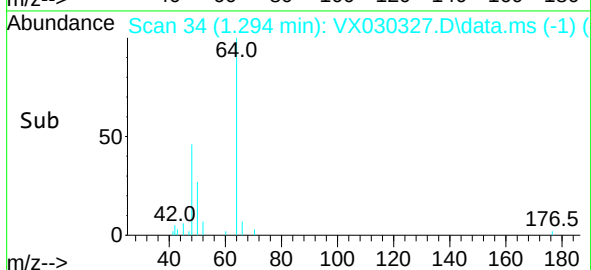
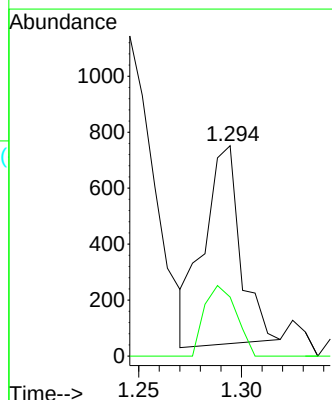
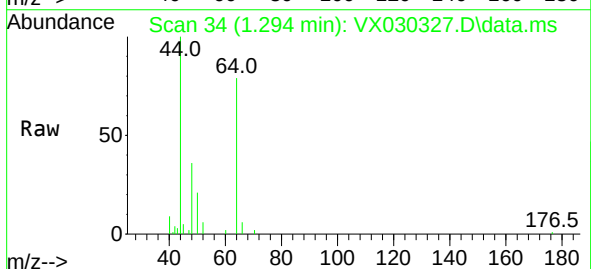
Instrument :
MSVOA_X
ClientSampleId :
BP-MW1581-GW-305-307

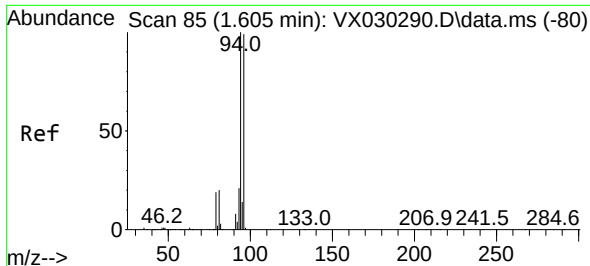
Tgt Ion:168 Resp: 147246
Ion Ratio Lower Upper
168 100
99 57.5 44.0 66.0



#3
Chloromethane
Concen: 0.368 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

Tgt Ion: 50 Resp: 879
Ion Ratio Lower Upper
50 100
52 30.4 26.3 39.5

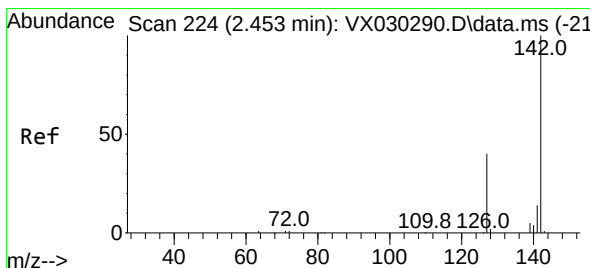
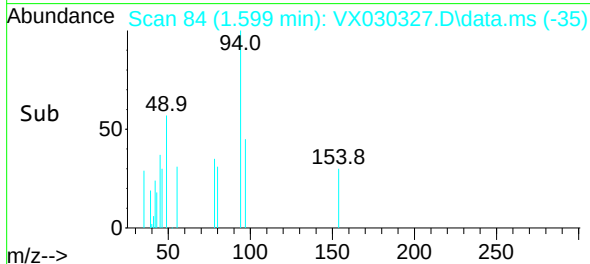
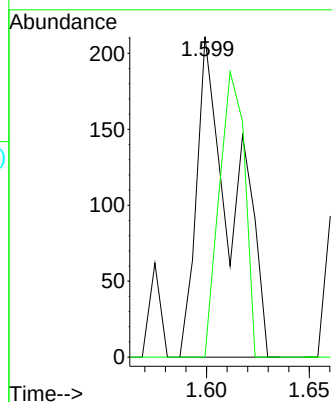
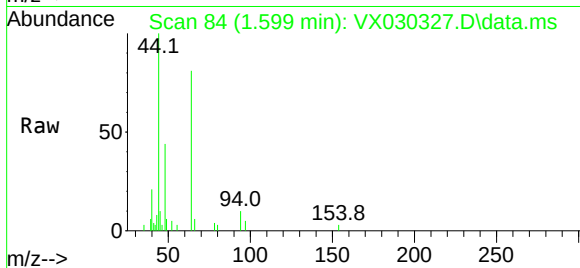




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

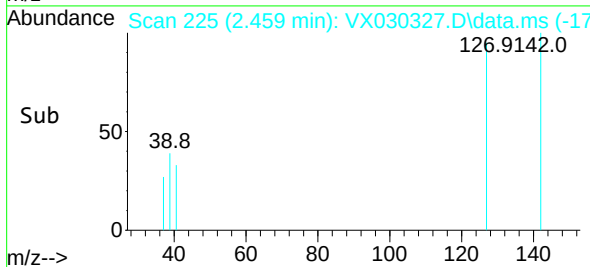
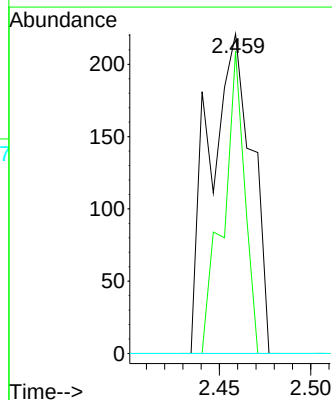
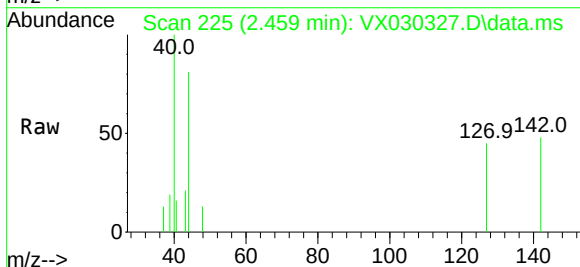
Instrument :
MSVOA_X
ClientSampleId :
BP-MW1581-GW-305-307

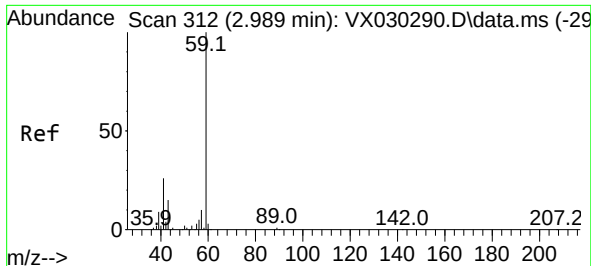
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#



#10
Methyl Iodide
Concen: 1.676 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.013 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

Tgt Ion: 142 Resp: 358
Ion Ratio Lower Upper
142 100
127 47.8 30.2 45.2#
141 0.0 11.3 16.9#

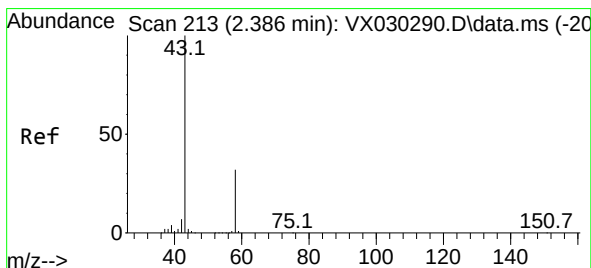
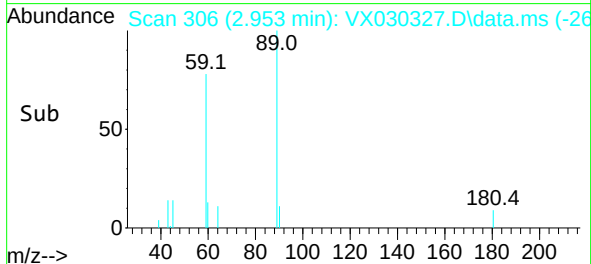
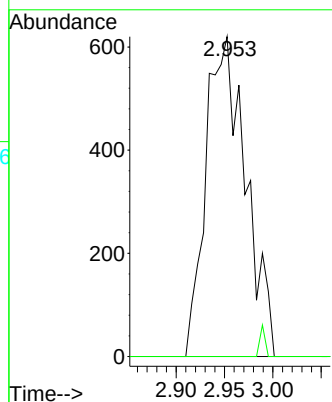
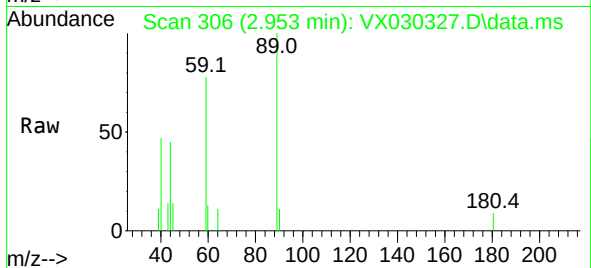




#11
Tert butyl alcohol
Concen: 2.456 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

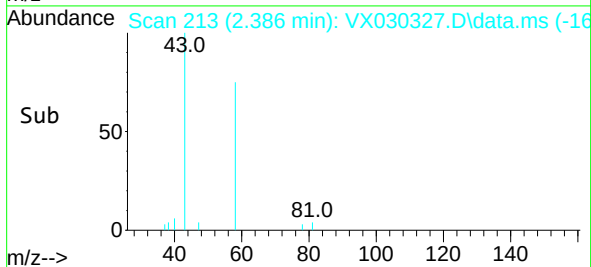
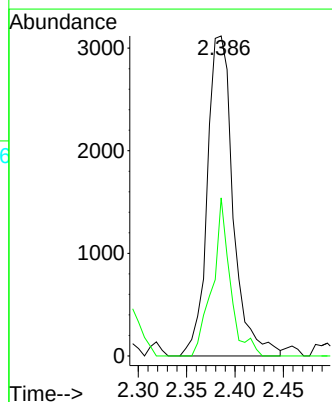
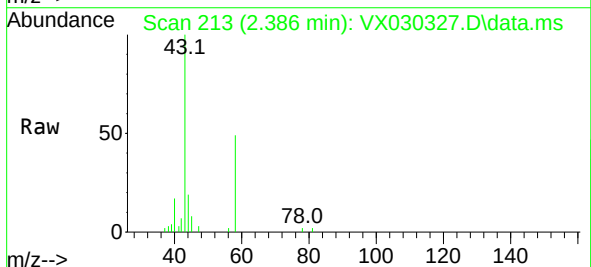
Instrument :
MSVOA_X
ClientSampleId :
BP-MW15811-GW-305-307

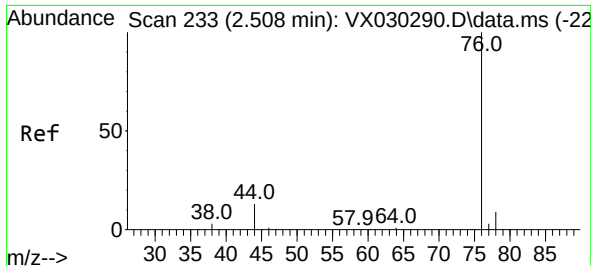
Tgt Ion: 59 Resp: 1773
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 3.832 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

Tgt Ion: 43 Resp: 5807
Ion Ratio Lower Upper
43 100
58 49.4 27.7 41.5#





#17

Carbon Disulfide

Concen: 0.347 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.007 min

Lab File: VX030327.D

Acq: 01 Aug 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

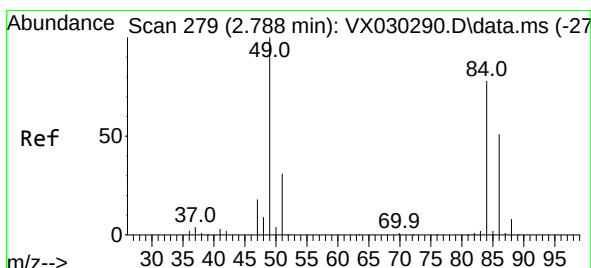
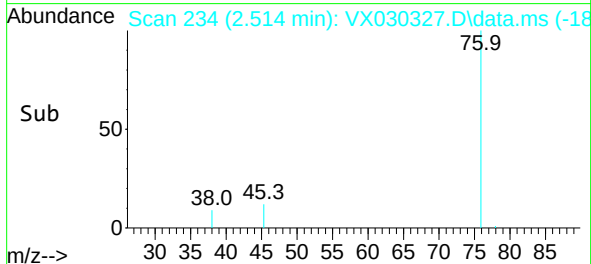
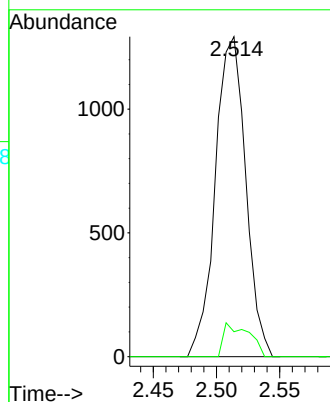
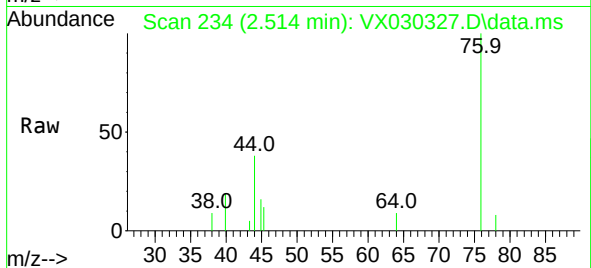
BP-MW15811-GW-305-307

Tgt Ion: 76 Resp: 2157

Ion Ratio Lower Upper

76 100

78 7.8 7.8 11.6



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX030327.D

Acq: 01 Aug 2022 17:04

Tgt Ion: 84 Resp: 654

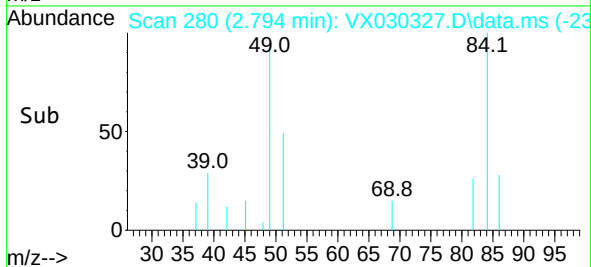
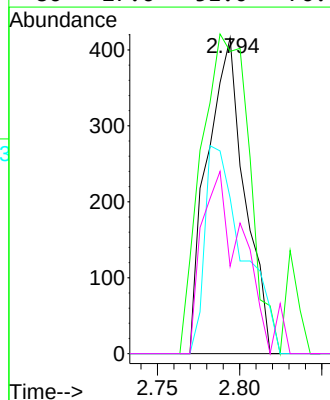
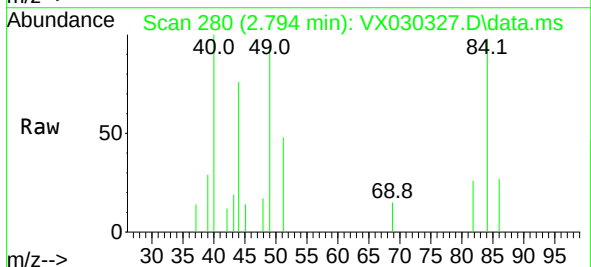
Ion Ratio Lower Upper

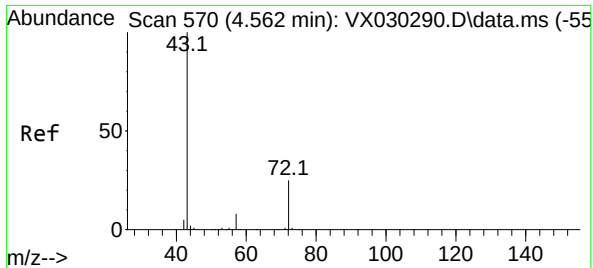
84 100

49 95.7 93.8 140.6

51 49.3 29.4 44.0#

86 27.6 51.0 76.4#

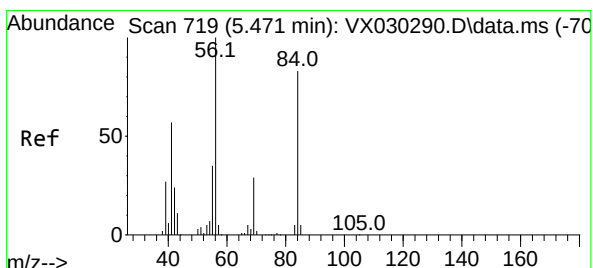
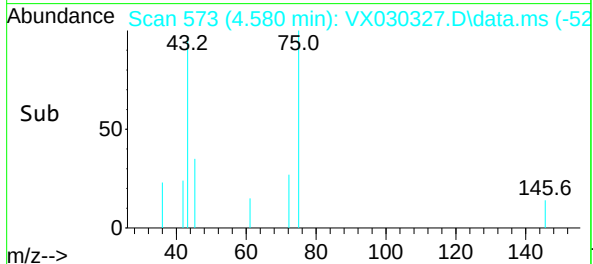
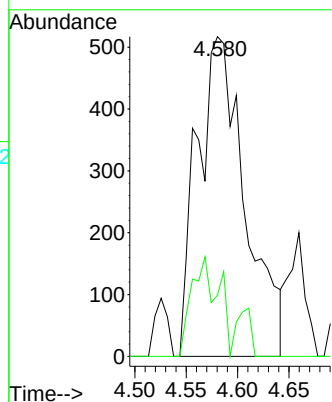
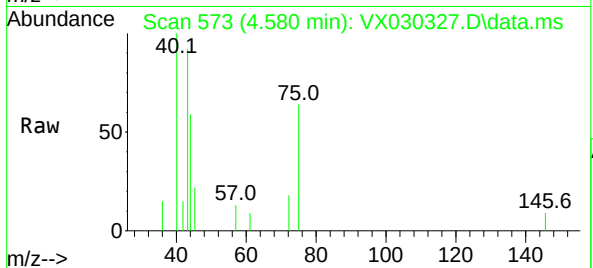




#25
2-Butanone
Concen: 0.657 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

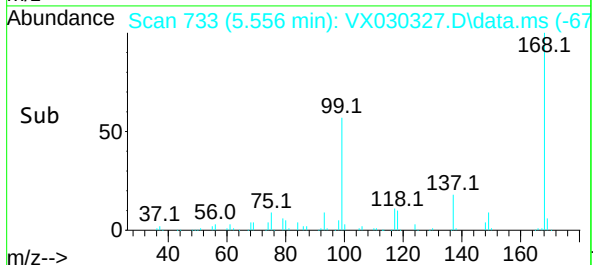
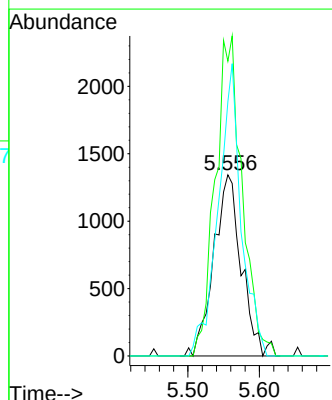
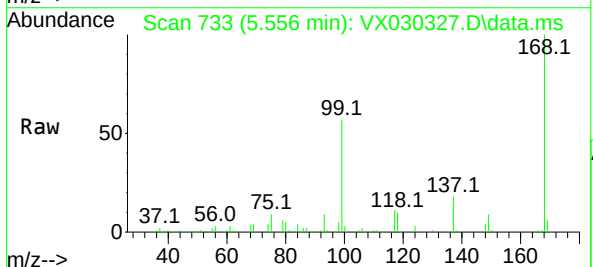
Instrument :
MSVOA_X
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BP-MW15811-GW-305-307

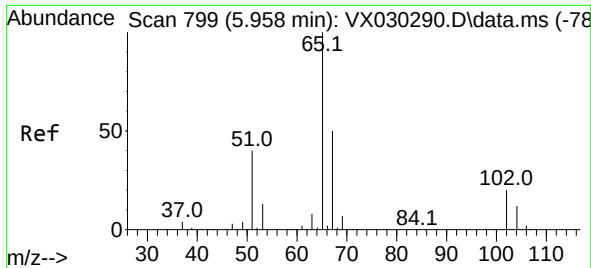
Tgt Ion: 43 Resp: 1674
Ion Ratio Lower Upper
43 100
72 19.1 21.7 32.5#



#31
Cyclohexane
Concen: 0.841 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

Tgt Ion: 56 Resp: 3615
Ion Ratio Lower Upper
56 100
69 162.7 25.4 38.0#
84 140.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 52.194 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030327.D

Acq: 01 Aug 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

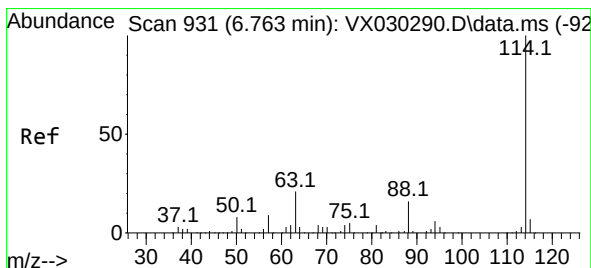
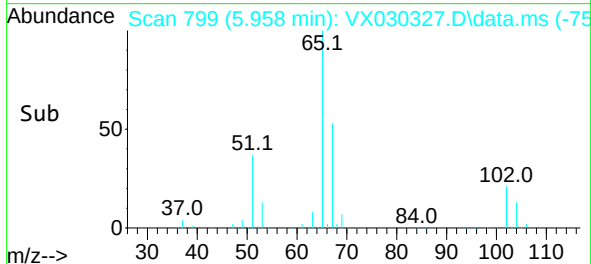
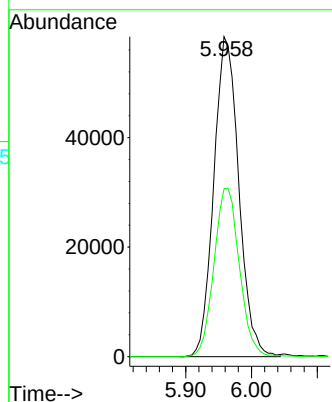
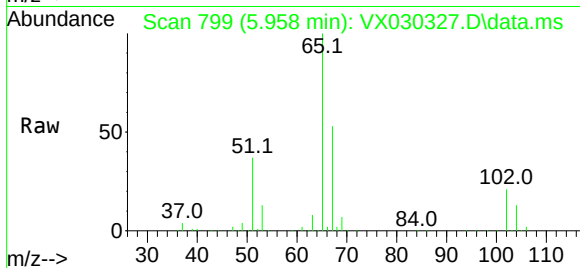
BP-MW15811-GW-305-307

Tgt Ion: 65 Resp: 154471

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX030327.D

Acq: 01 Aug 2022 17:04

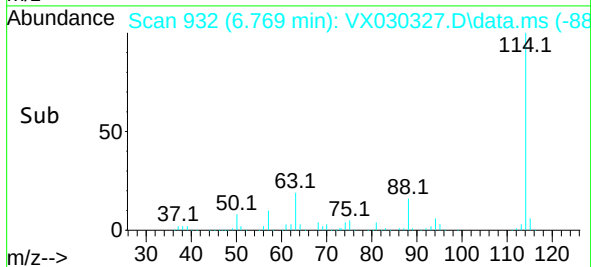
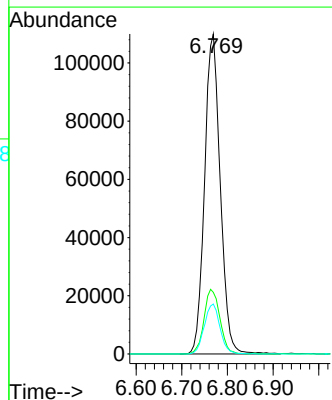
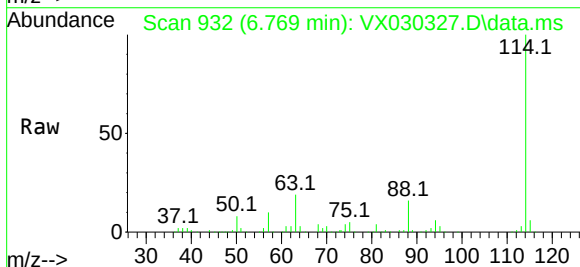
Tgt Ion: 114 Resp: 262091

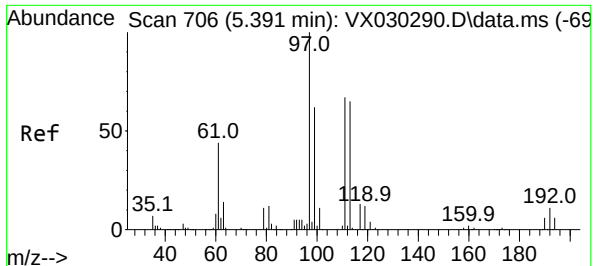
Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.234 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030327.D

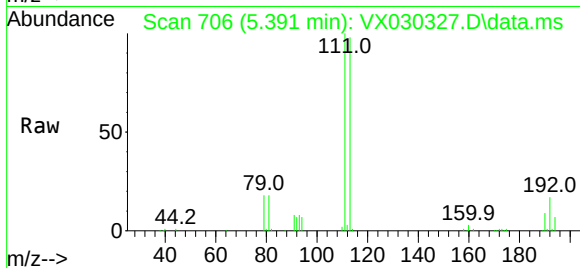
Acq: 01 Aug 2022 17:04

Instrument :

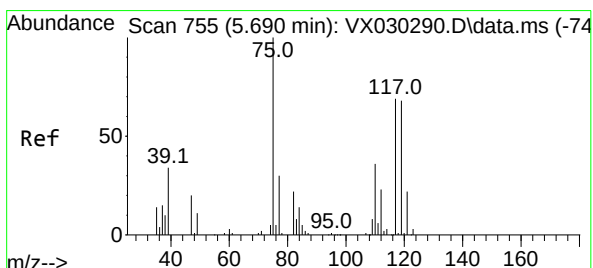
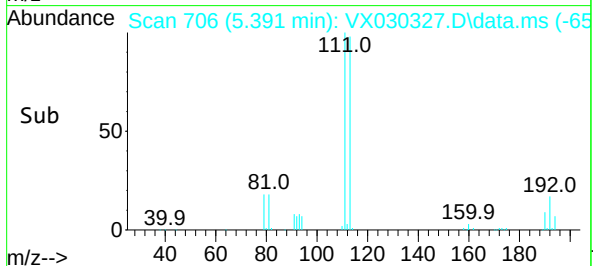
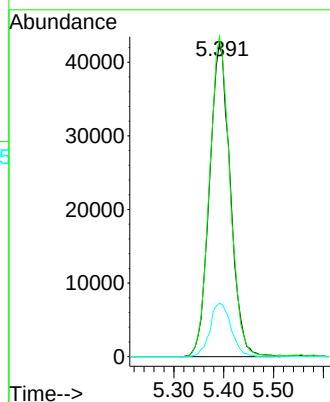
MSVOA_X

ClientSampleId :

BP-MW15811-GW-305-307



Tgt Ion:	113	Resp:	123354
Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.2	124.8
192	17.3	14.8	22.2



#36

1,1-Dichloropropene

Concen: 3.492 ug/l

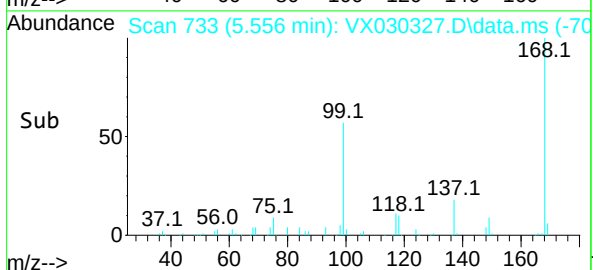
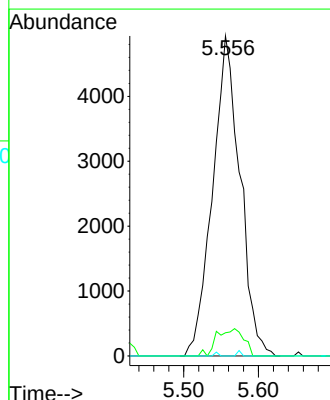
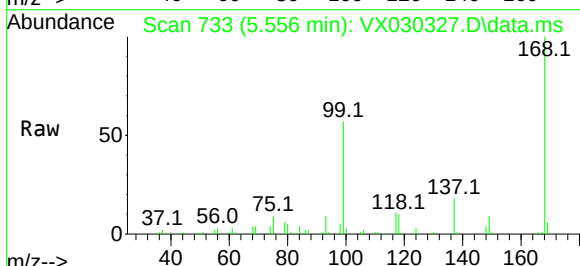
RT: 5.556 min Scan# 733

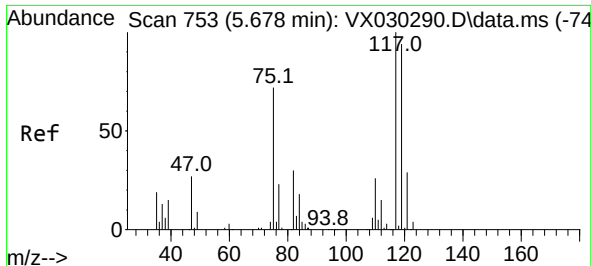
Delta R.T. -0.140 min

Lab File: VX030327.D

Acq: 01 Aug 2022 17:04

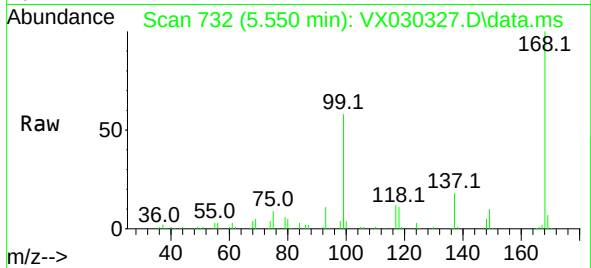
Tgt Ion:	75	Resp:	12592
Ion	Ratio	Lower	Upper
75	100		
110	8.4	19.3	57.9#
77	0.2	24.4	36.6#



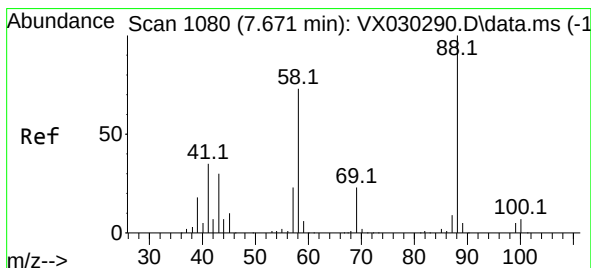
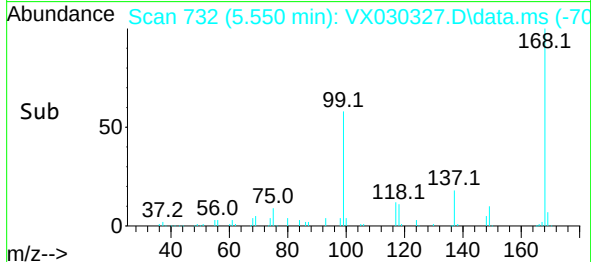
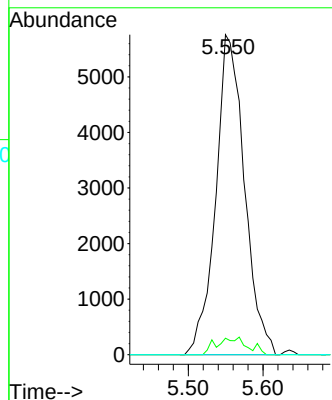


#38
Carbon Tetrachloride
Concen: 4.567 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.133 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

Instrument :
MSVOA_X
ClientSampleId :
BP-MW1581-GW-305-307

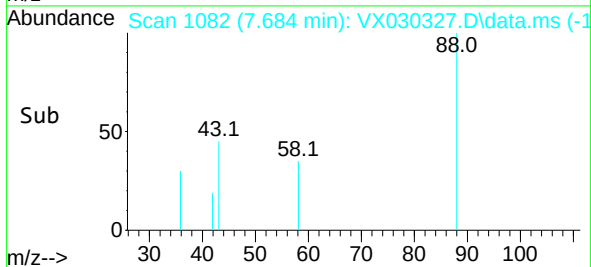
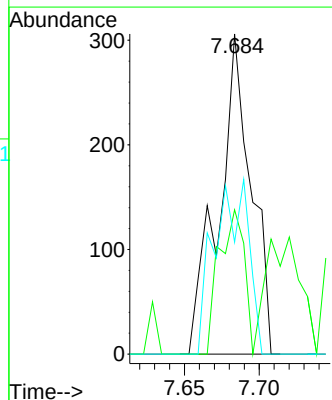
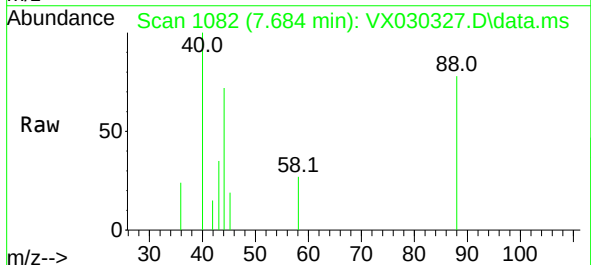


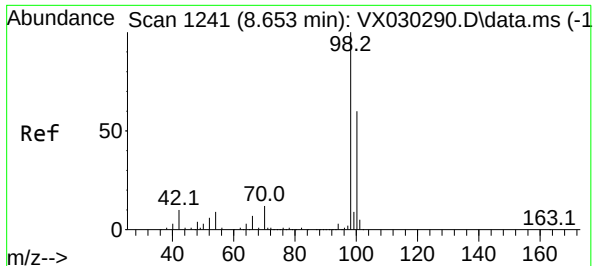
Tgt Ion:117 Resp: 15372
Ion Ratio Lower Upper
117 100
119 5.1 74.1 111.1#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 5.441 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.019 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

Tgt Ion: 88 Resp: 463
Ion Ratio Lower Upper
88 100
43 35.0 23.8 35.8
58 56.6 53.8 80.6





#50

Toluene-d8

Concen: 46.864 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030327.D

Acq: 01 Aug 2022 17:04

Instrument :

MSVOA_X

ClientSampleId :

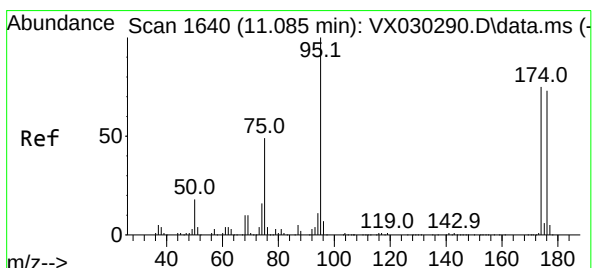
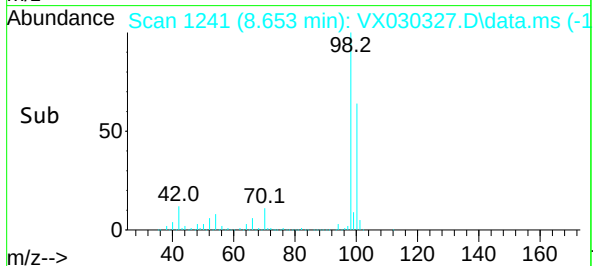
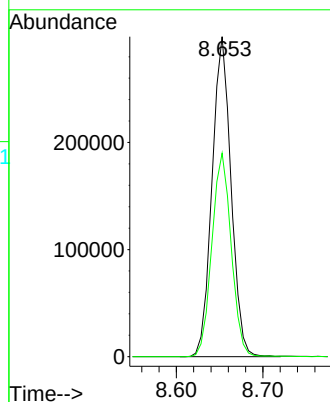
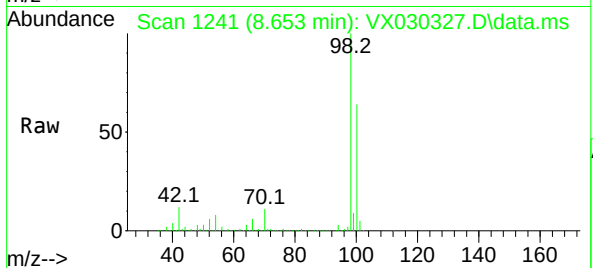
BP-MW15811-GW-305-307

Tgt Ion: 98 Resp: 454713

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 44.334 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030327.D

Acq: 01 Aug 2022 17:04

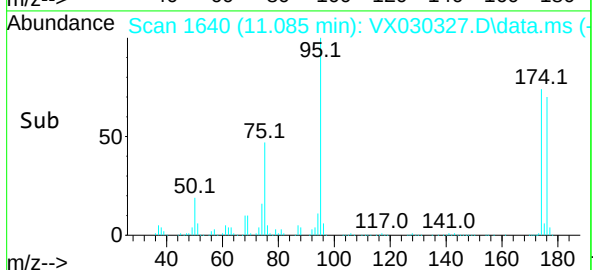
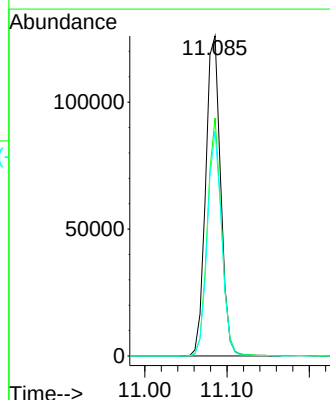
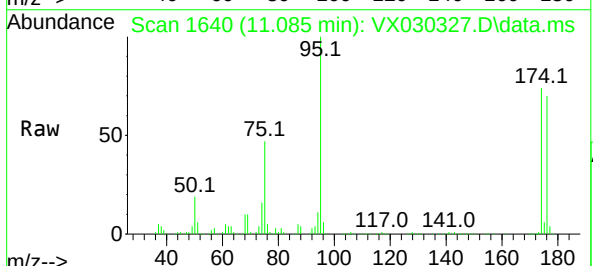
Tgt Ion: 95 Resp: 159644

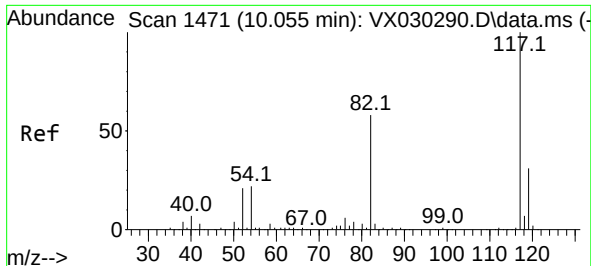
Ion Ratio Lower Upper

95 100

174 70.4 0.0 149.0

176 67.0 0.0 146.0

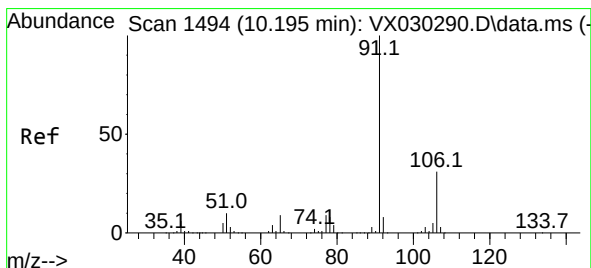
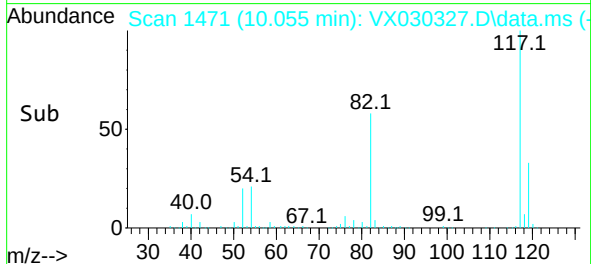
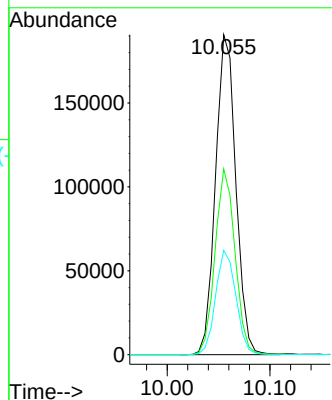
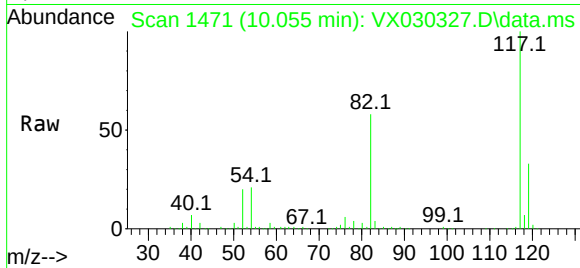




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

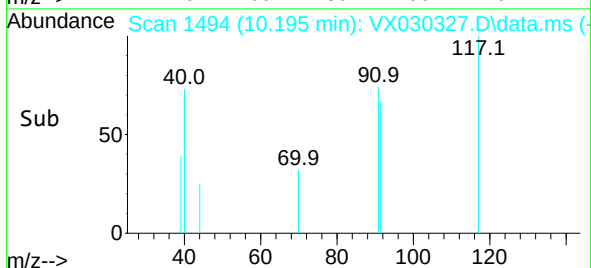
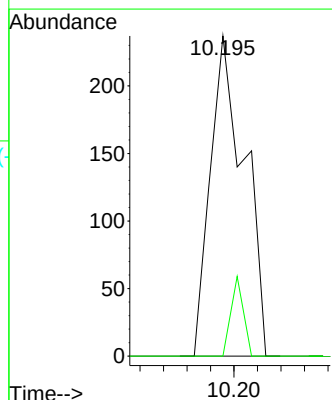
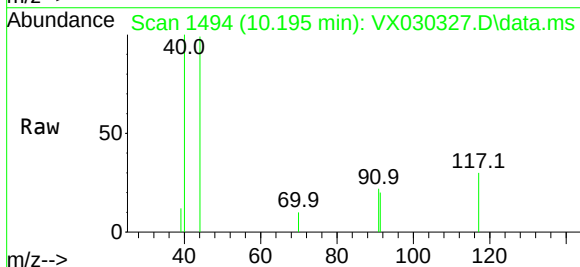
Instrument :
MSVOA_X
ClientSampleId :
BP-MW1581-GW-305-307

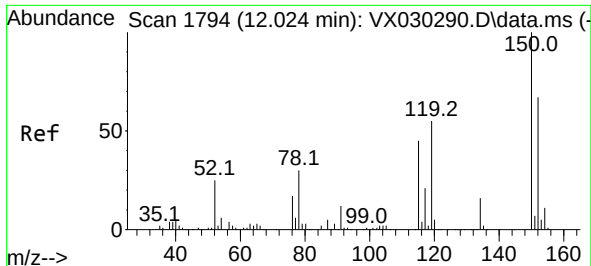
Tgt Ion:117 Resp: 262214
Ion Ratio Lower Upper
117 100
82 58.1 42.7 64.1
119 32.6 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030327.D
Acq: 01 Aug 2022 17:04

Tgt Ion: 91 Resp: 239
Ion Ratio Lower Upper
91 100
106 0.0 25.5 38.3#

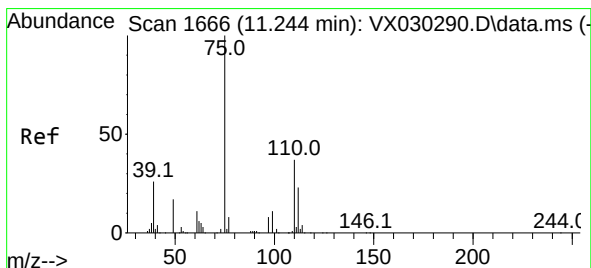
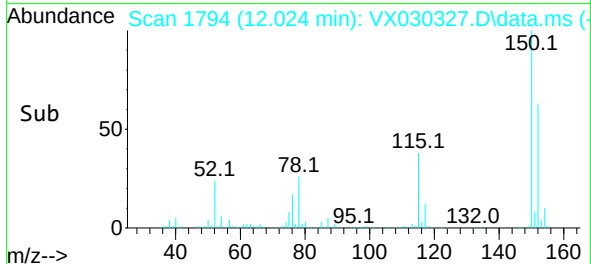
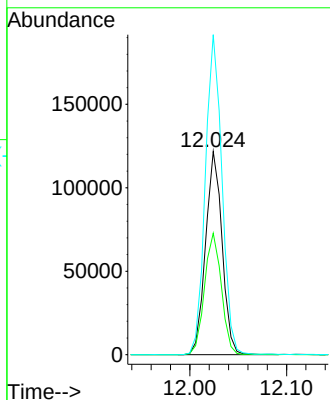
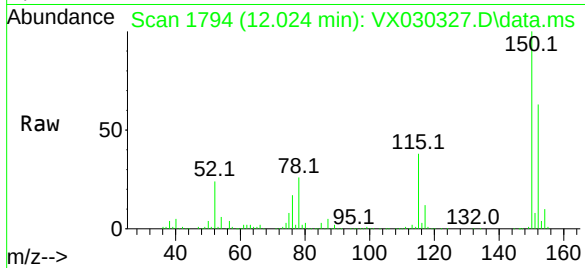




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030327.D
 Acq: 01 Aug 2022 17:04

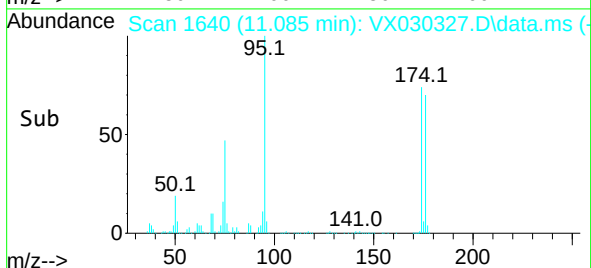
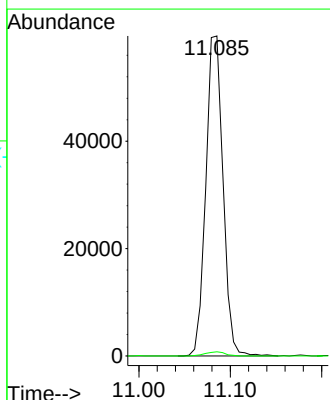
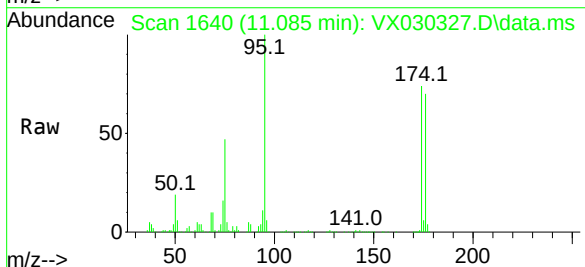
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW1581-GW-305-307

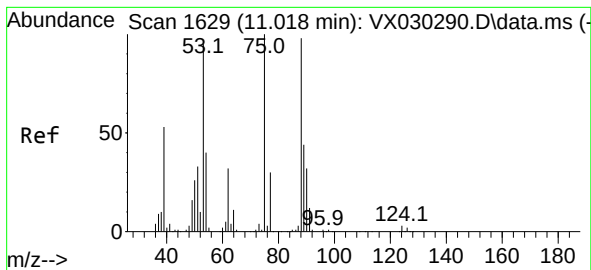
Tgt Ion:152 Resp: 145061
 Ion Ratio Lower Upper
 152 100
 115 61.0 40.5 121.5
 150 158.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 20.324 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX030327.D
 Acq: 01 Aug 2022 17:04

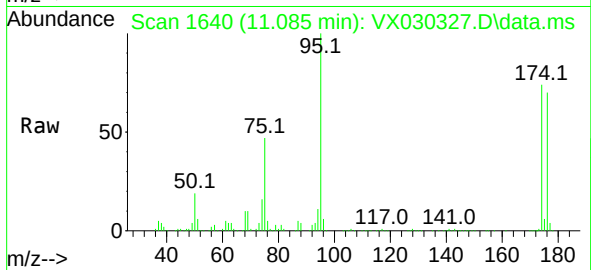
Tgt Ion: 75 Resp: 77714
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.971 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030327.D
 Acq: 01 Aug 2022 17:04

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MW15811-GW-305-307



Tgt Ion: 75 Resp: 77714
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.8 52.2#

