

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060322\
 Data File : VX029215.D
 Acq On : 04 Jun 2022 01:20
 Operator : JC/MD
 Sample : N3165-11 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 64BR-20220531

Quant Time: Jun 06 02:39:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

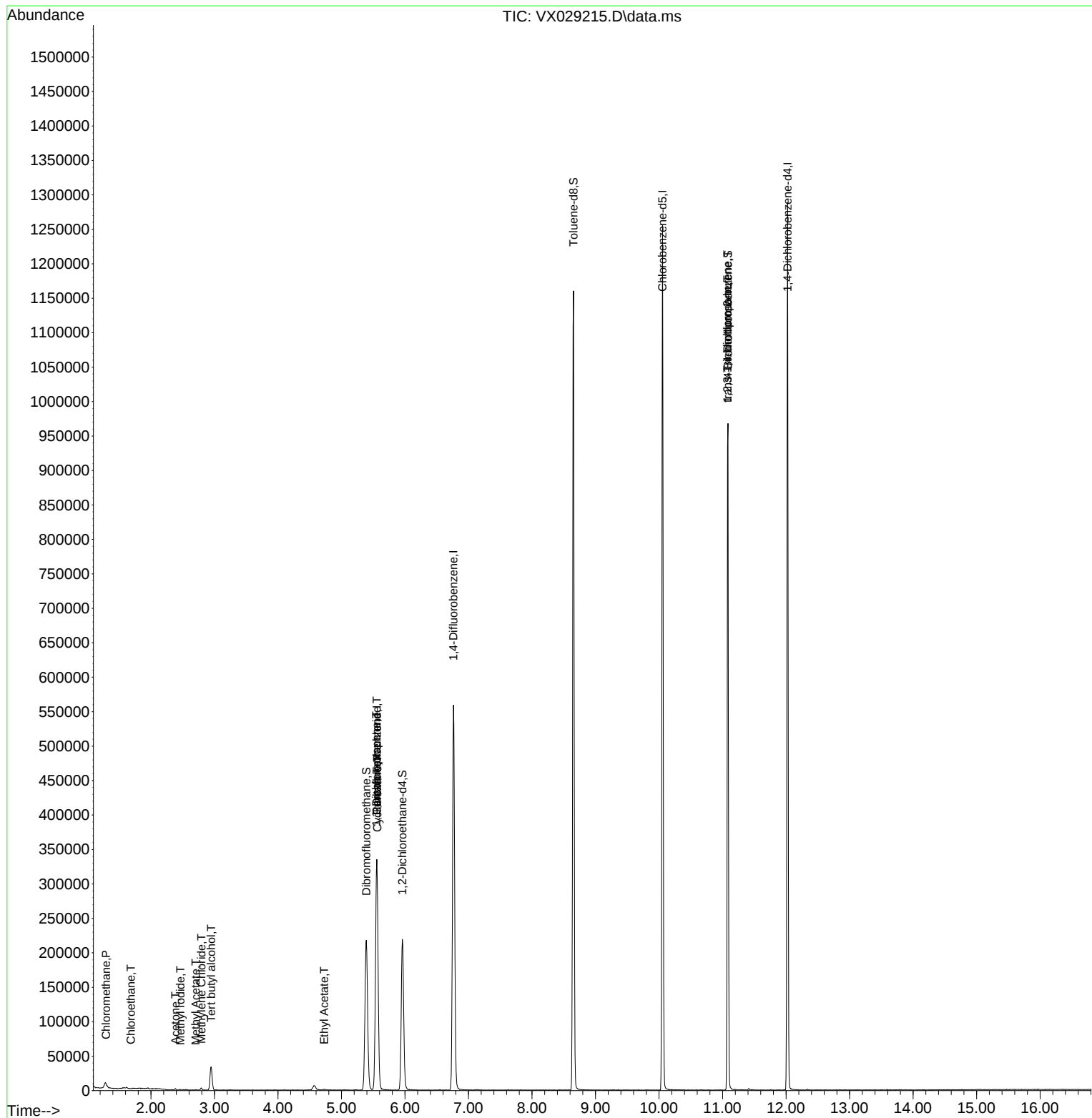
Internal Standards						
1) Pentafluorobenzene	5.556	168	317317	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	592352	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	580263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	269588	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	211678	59.158	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 118.320%	
35) Dibromofluoromethane	5.391	113	197486	50.193	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.380%	
50) Toluene-d8	8.653	98	700060	48.648	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	11.085	95	279097	50.174	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	726	0.251	ug/l	98
5) Bromomethane	1.617	94	828	Below Cal	#	63
6) Chloroethane	1.685	64	256	1.495	ug/l	# 43
10) Methyl Iodide	2.465	142	781	4.426	ug/l	# 86
11) Tert butyl alcohol	2.946	59	19723	23.794	ug/l	# 75
16) Acetone	2.386	43	1928	1.368	ug/l	# 87
18) Methyl Acetate	2.703	43	769	0.211	ug/l	# 79
20) Methylene Chloride	2.794	84	1425	0.434	ug/l	# 88
31) Cyclohexane	5.562	56	5925	1.274	ug/l	# 8
36) 1,1-Dichloropropene	5.550	75	23971	4.735	ug/l	# 50
37) Ethyl Acetate	4.727	43	1731	0.353	ug/l	# 87
38) Carbon Tetrachloride	5.556	117	33467	5.784	ug/l	# 15
44) Trichloroethene	7.129	130	395	Below Cal		58
76) 1,2,3-Trichloropropane	11.079	75	136108	24.905	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	136108	73.067	ug/l	# 15
94) Hexachlorobutadiene	13.731	225	57	Below Cal	#	41

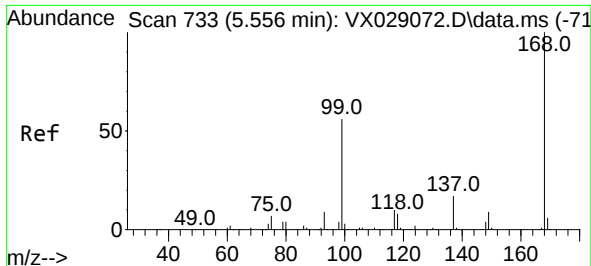
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 02:39:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
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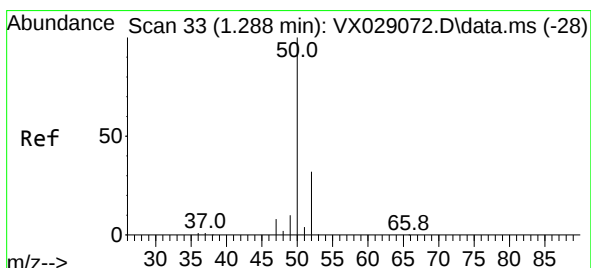
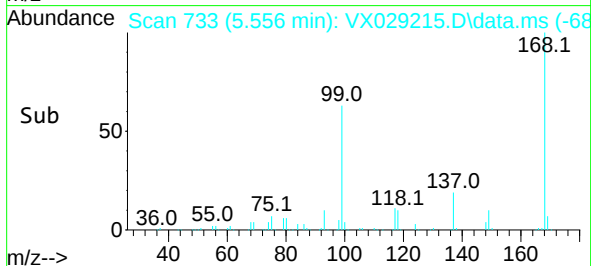
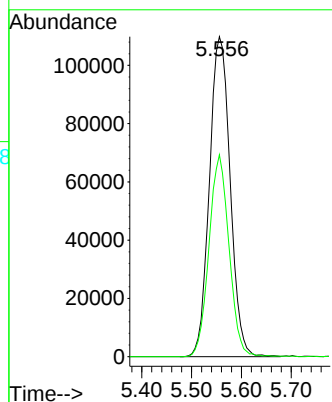
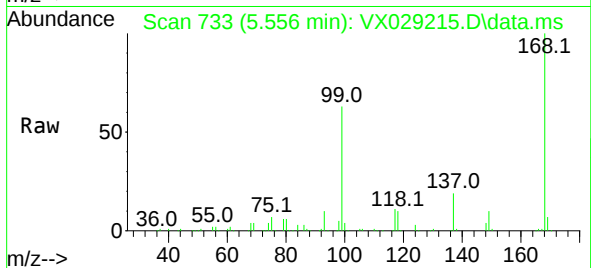




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

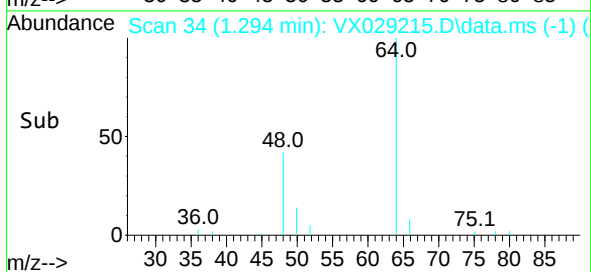
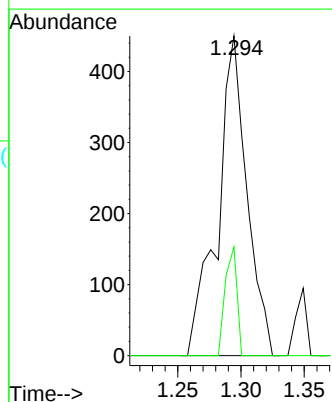
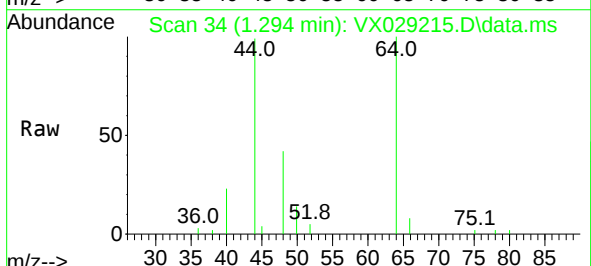
Instrument :
MSVOA_X
ClientSampleId :
64BR-20220531

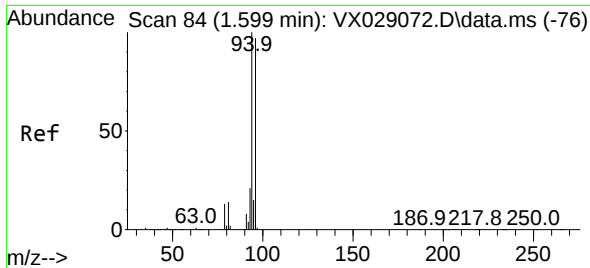
Tgt Ion:168 Resp: 317317
Ion Ratio Lower Upper
168 100
99 63.1 41.7 62.5#



#3
Chloromethane
Concen: 0.251 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

Tgt Ion: 50 Resp: 726
Ion Ratio Lower Upper
50 100
52 34.0 26.4 39.6

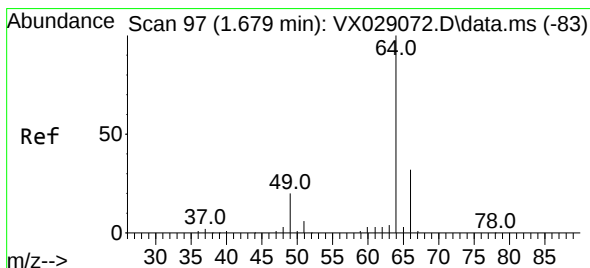
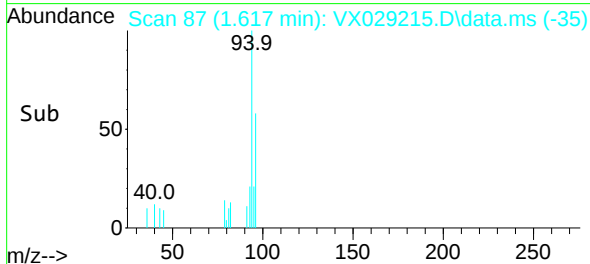
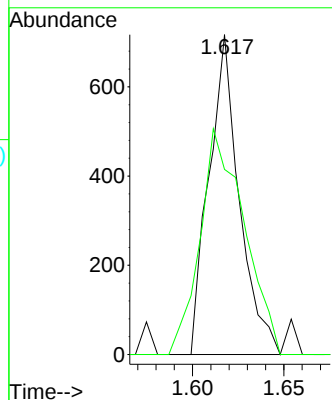
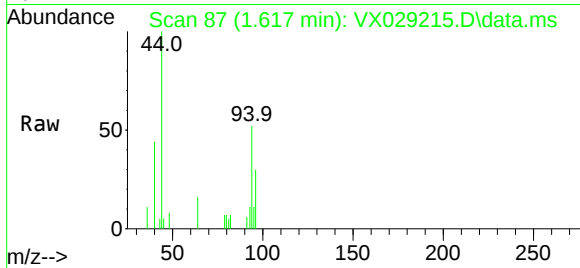




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

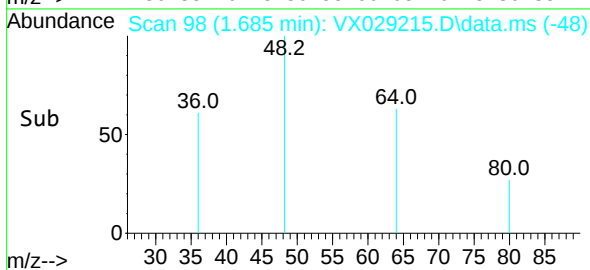
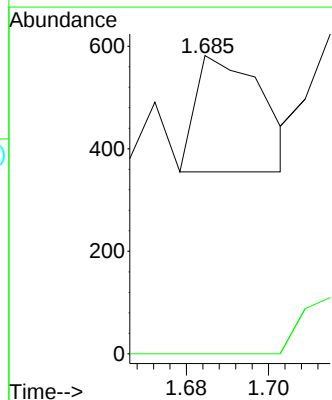
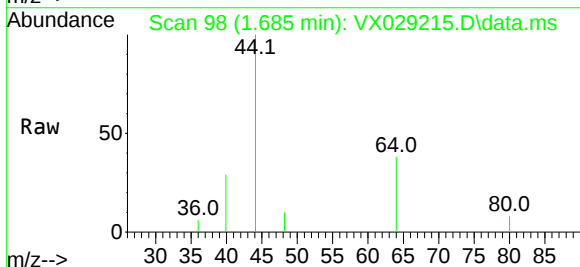
Instrument :
MSVOA_X
ClientSampleId :
64BR-20220531

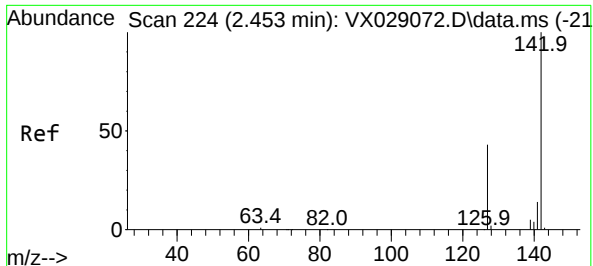
Tgt Ion: 94 Resp: 828
Ion Ratio Lower Upper
94 100
96 57.9 75.3 112.9#



#6
Chloroethane
Concen: 1.495 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

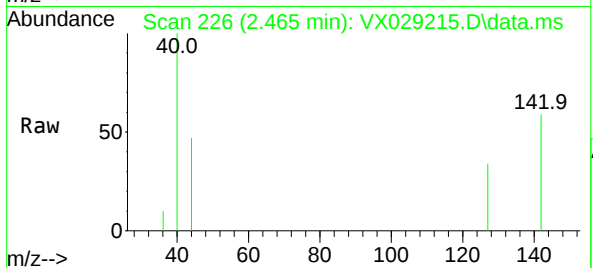
Tgt Ion: 64 Resp: 256
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



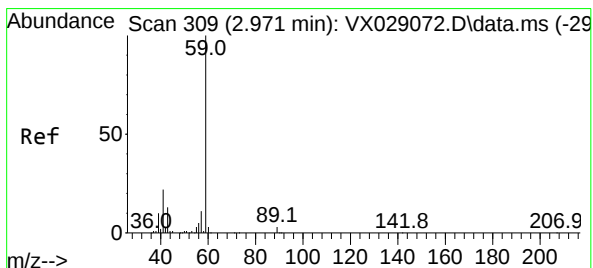
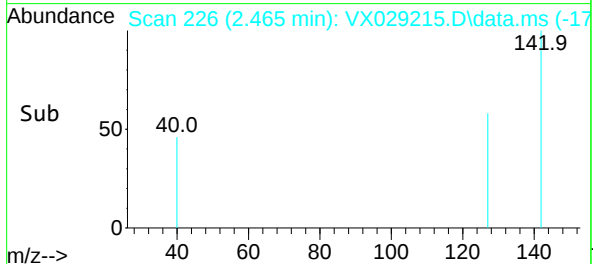
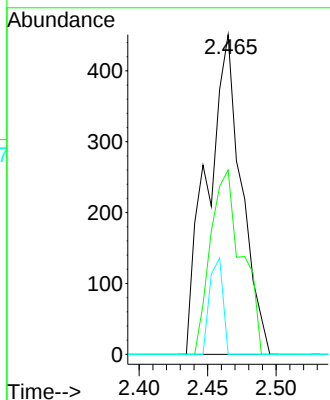


#10
Methyl Iodide
Concen: 4.426 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

Instrument :
MSVOA_X
ClientSampleId :
64BR-20220531

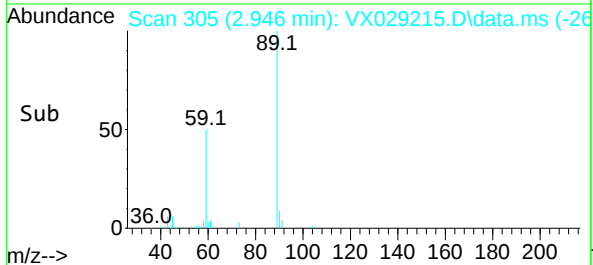
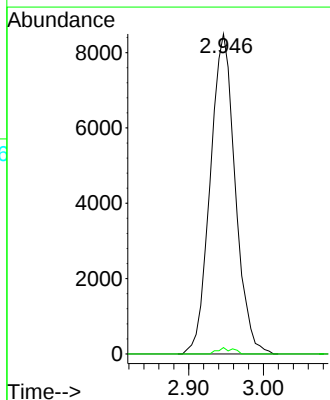
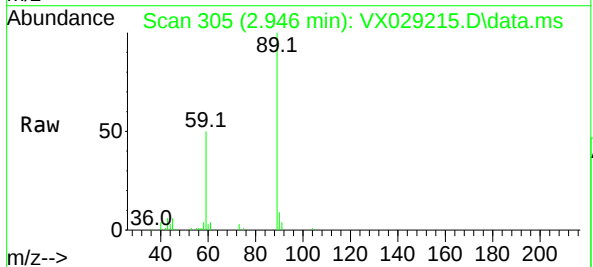


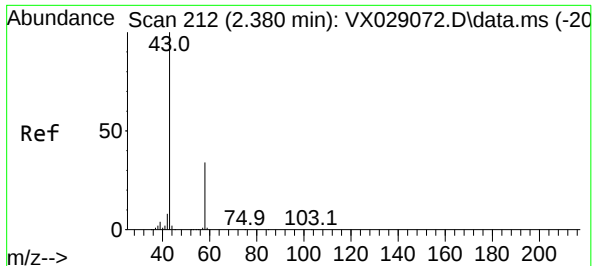
Tgt Ion:142 Resp: 781
Ion Ratio Lower Upper
142 100
127 53.0 33.9 50.9#
141 11.7 11.4 17.2



#11
Tert butyl alcohol
Concen: 23.794 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

Tgt Ion: 59 Resp: 19723
Ion Ratio Lower Upper
59 100
57 1.2 8.3 12.5#

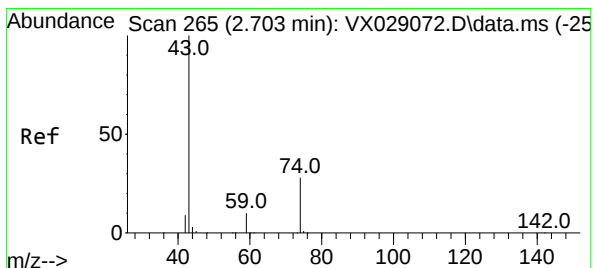
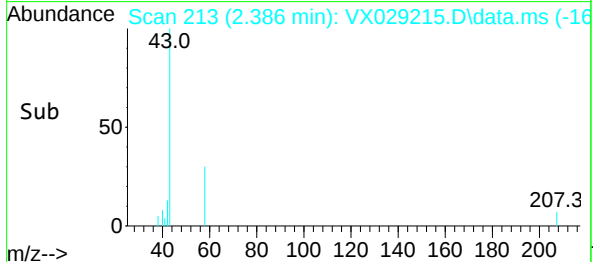
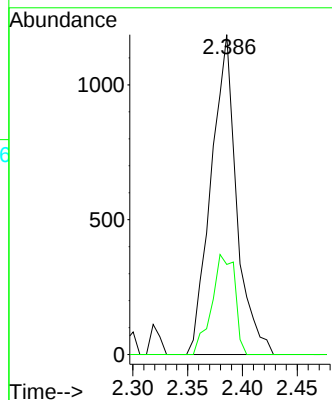
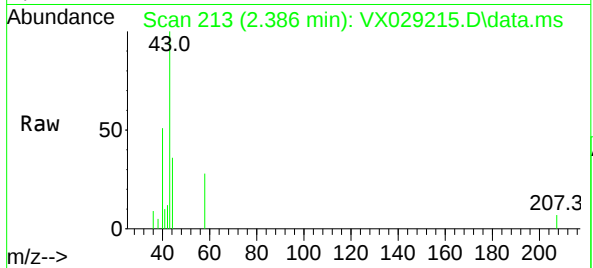




#16
Acetone
Concen: 1.368 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

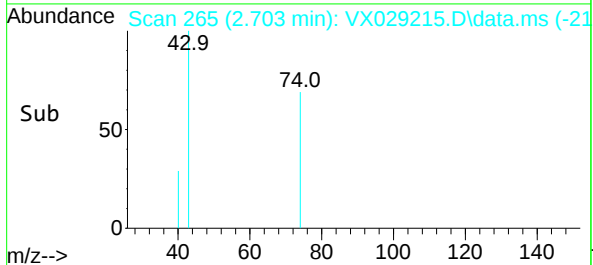
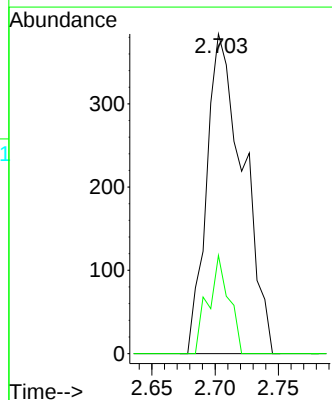
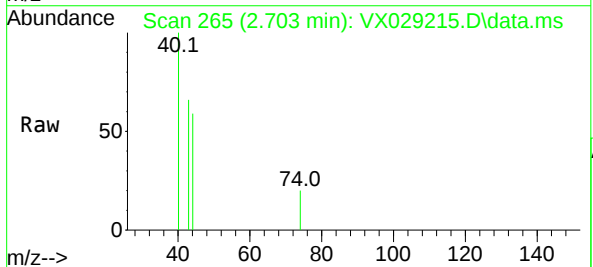
Instrument :
MSVOA_X
ClientSampleId :
64BR-20220531

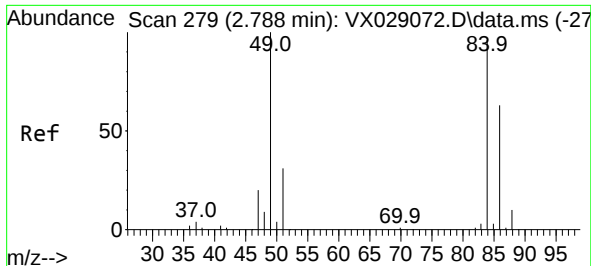
Tgt Ion: 43 Resp: 1928
Ion Ratio Lower Upper
43 100
58 28.2 28.8 43.2#



#18
Methyl Acetate
Concen: 0.211 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
74 17.4 22.8 34.2#

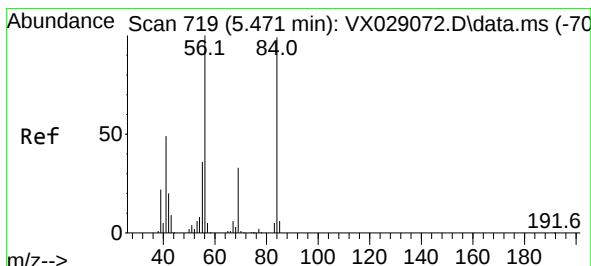
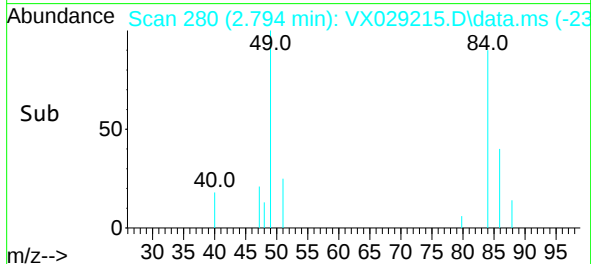
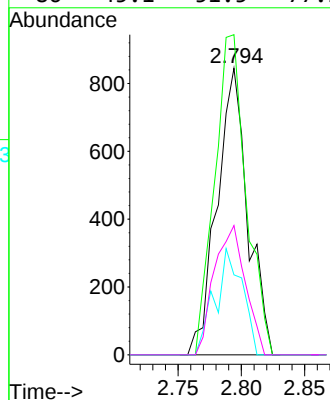
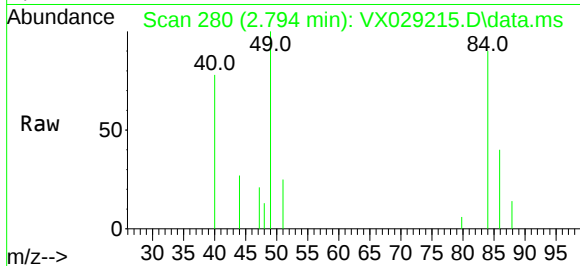




#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

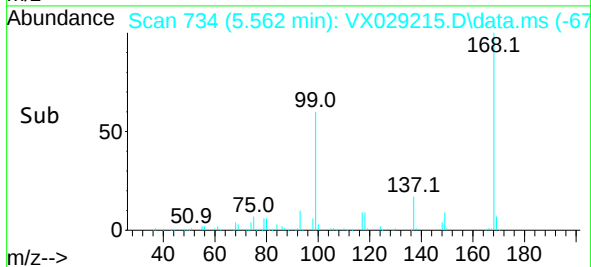
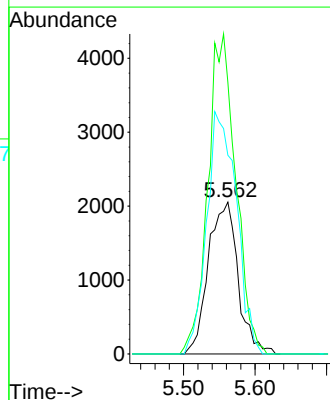
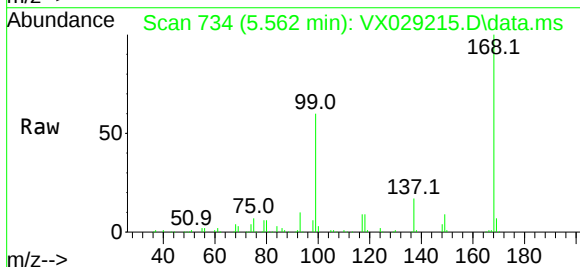
Instrument :
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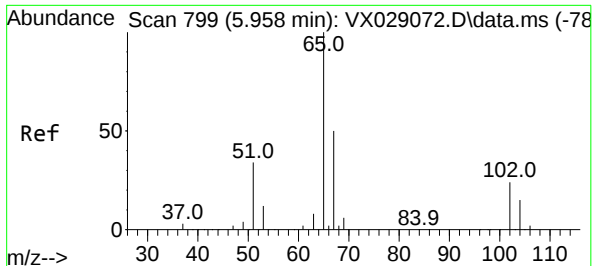
Tgt Ion:	84	Resp:	1425
Ion	Ratio	Lower	Upper
84	100		
49	111.7	85.5	128.3
51	27.9	26.6	39.8
86	45.1	51.5	77.3



#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

Tgt Ion:	56	Resp:	5925
Ion	Ratio	Lower	Upper
56	100		
69	178.7	26.7	40.1
84	130.9	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 59.158 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029215.D

Acq: 04 Jun 2022 01:20

Instrument :

MSVOA_X

ClientSampleId :

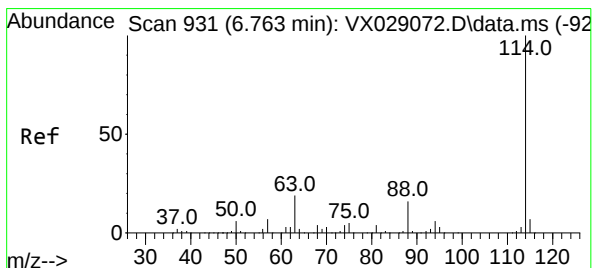
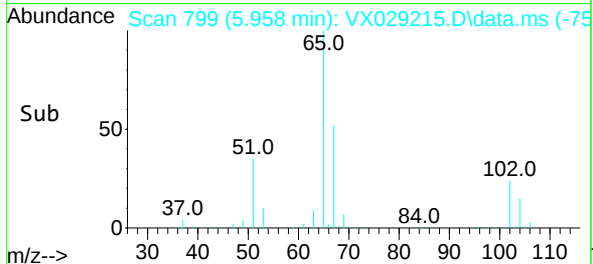
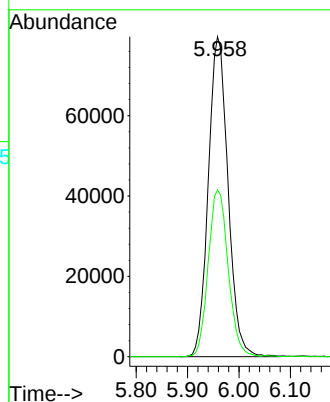
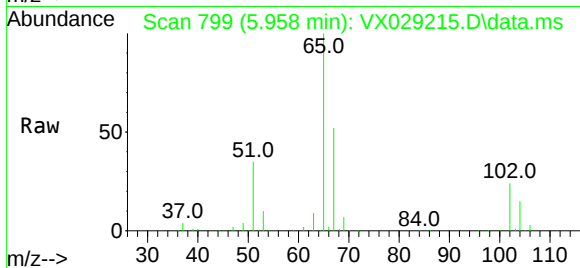
64BR-20220531

Tgt Ion: 65 Resp: 211678

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029215.D

Acq: 04 Jun 2022 01:20

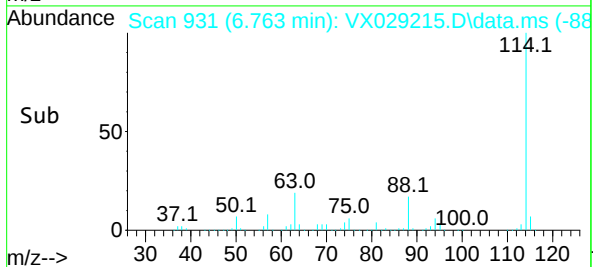
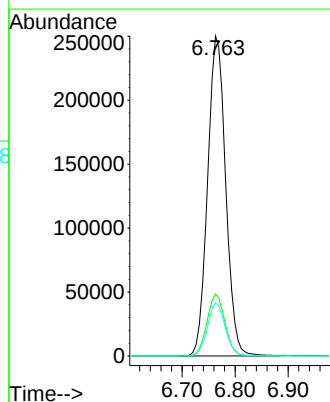
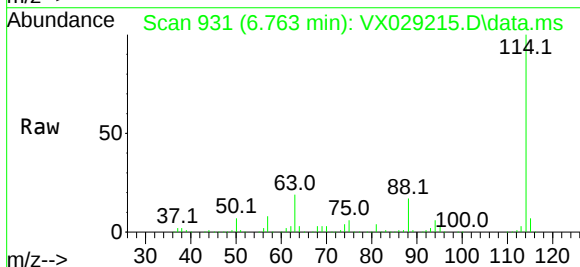
Tgt Ion: 114 Resp: 592352

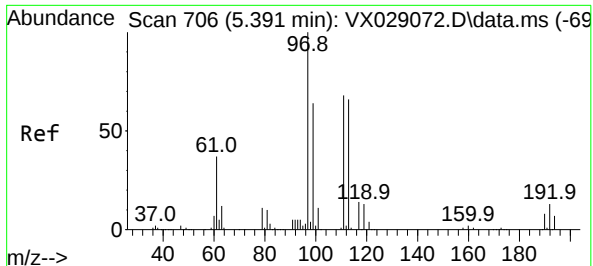
Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.8

88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.193 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029215.D

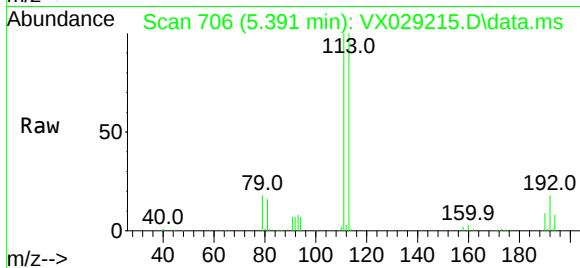
Acq: 04 Jun 2022 01:20

Instrument :

MSVOA_X

ClientSampleId :

64BR-20220531



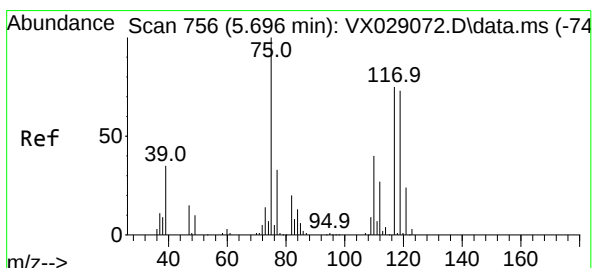
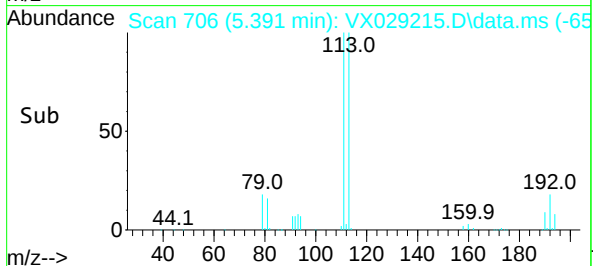
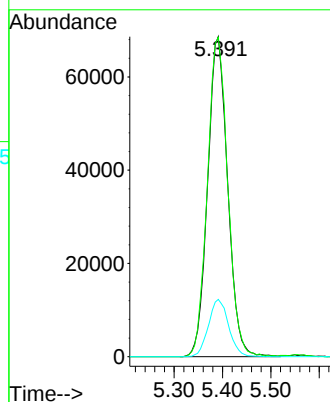
Tgt Ion:113 Resp: 197486

Ion Ratio Lower Upper

113 100

111 101.6 82.8 124.2

192 18.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.735 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029215.D

Acq: 04 Jun 2022 01:20

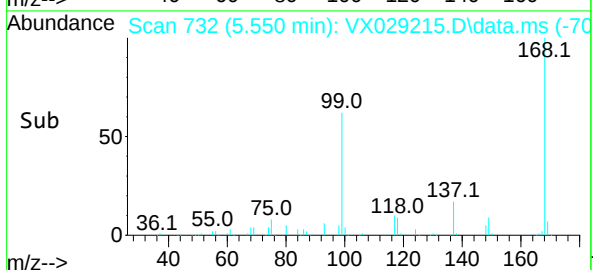
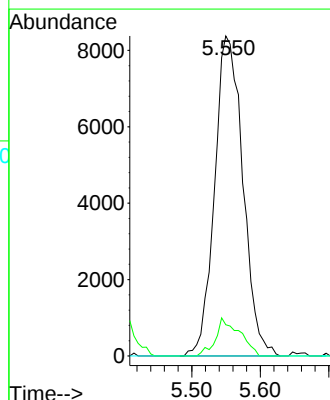
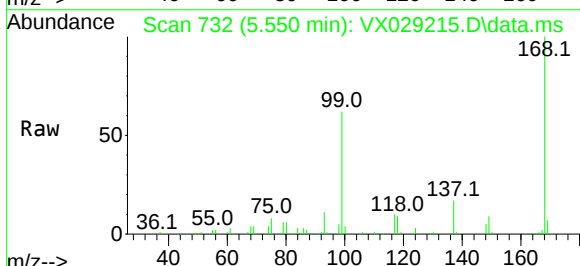
Tgt Ion: 75 Resp: 23971

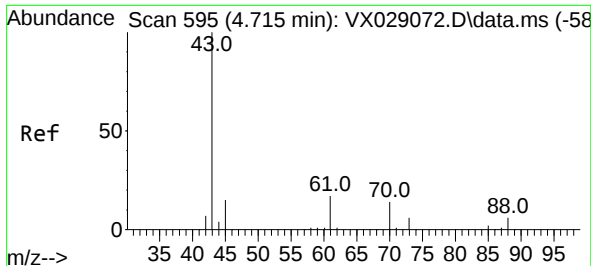
Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.353 ug/l

RT: 4.727 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX029215.D

Acq: 04 Jun 2022 01:20

Instrument :

MSVOA_X

ClientSampleId :

64BR-20220531

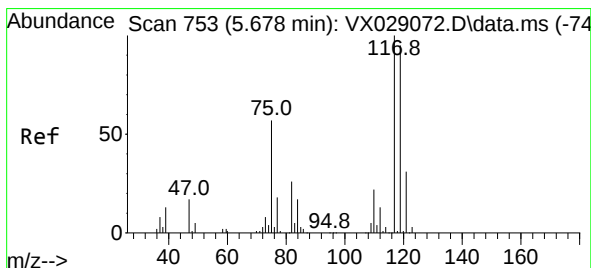
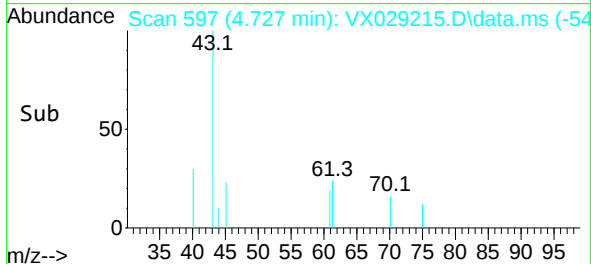
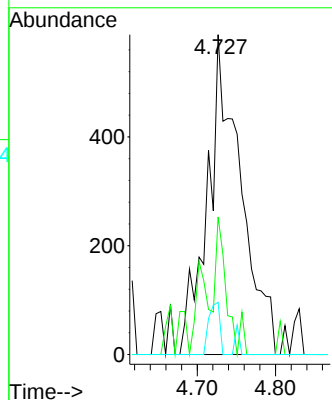
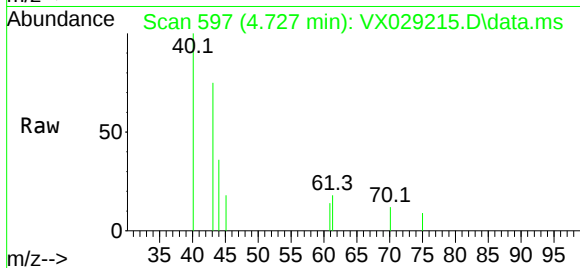
Tgt Ion: 43 Resp: 1731

Ion Ratio Lower Upper

43 100

61 12.2 12.6 19.0#

70 5.4 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.784 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX029215.D

Acq: 04 Jun 2022 01:20

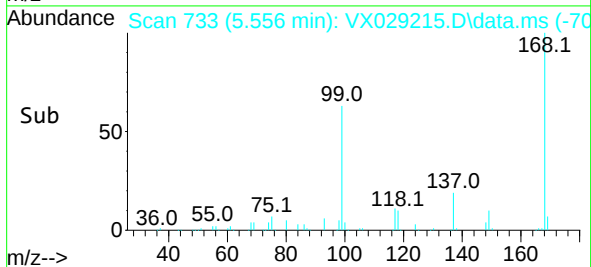
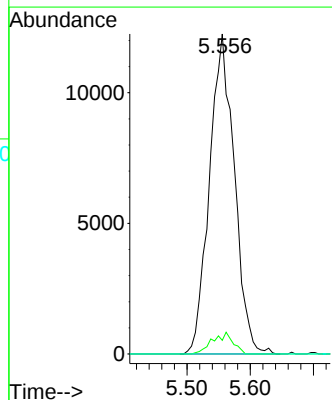
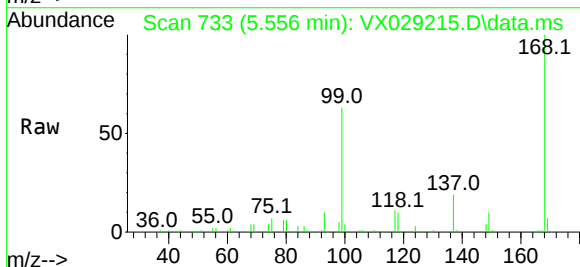
Tgt Ion: 117 Resp: 33467

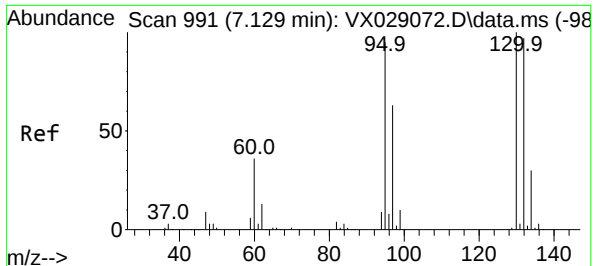
Ion Ratio Lower Upper

117 100

119 4.3 77.3 115.9#

121 0.0 24.2 36.2#

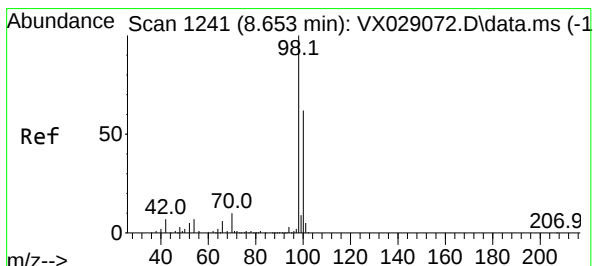
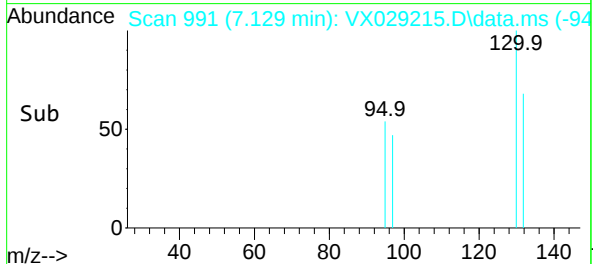
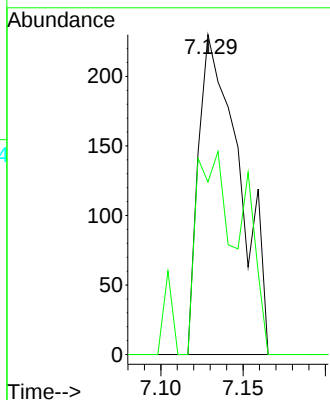
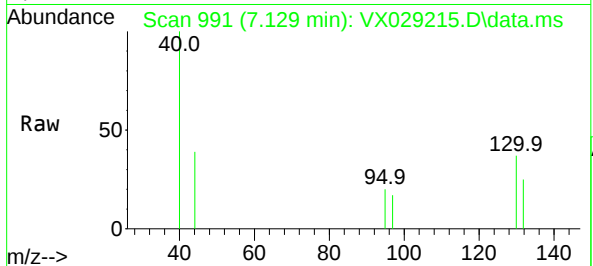




#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

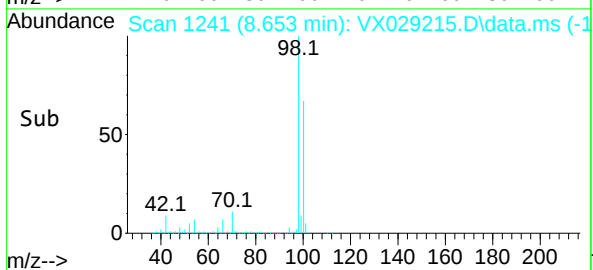
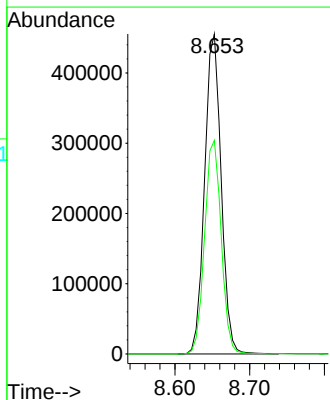
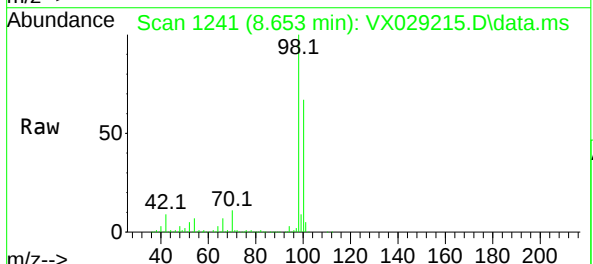
Instrument :
MSVOA_X
ClientSampleId :
64BR-20220531

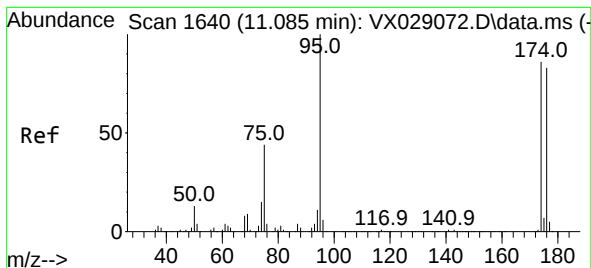
Tgt Ion:130 Resp: 395
Ion Ratio Lower Upper
130 100
95 53.9 0.0 188.8



#50
Toluene-d8
Concen: 48.648 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

Tgt Ion: 98 Resp: 700060
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8

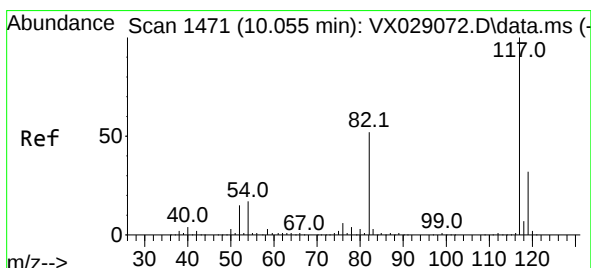
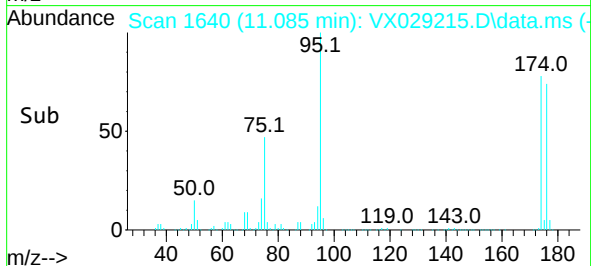
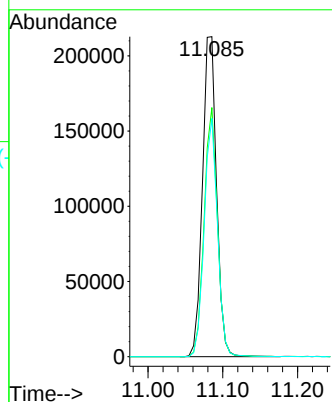
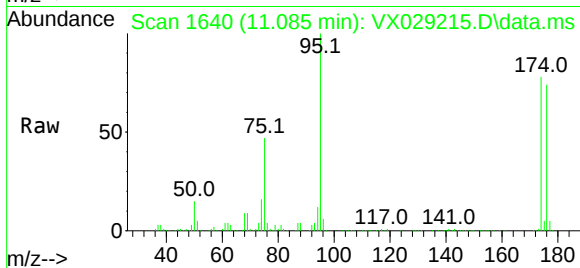




#62
4-Bromofluorobenzene
Concen: 50.174 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

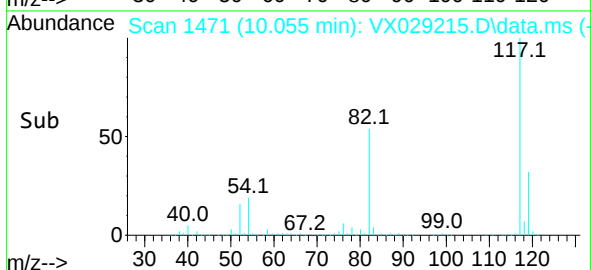
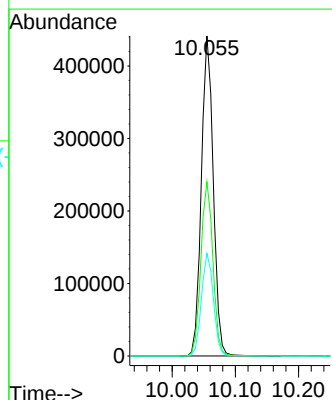
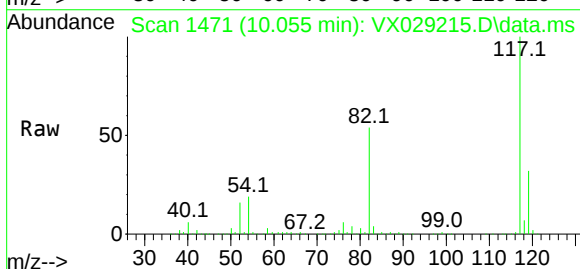
Instrument :
MSVOA_X
ClientSampleId :
64BR-20220531

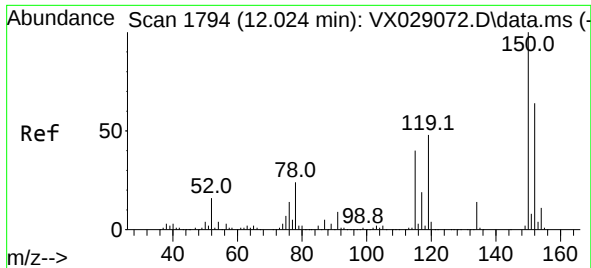
Tgt Ion: 95 Resp: 279097
Ion Ratio Lower Upper
95 100
174 73.4 0.0 163.0
176 70.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

Tgt Ion: 117 Resp: 580263
Ion Ratio Lower Upper
117 100
82 54.4 41.8 62.8
119 32.0 24.8 37.2

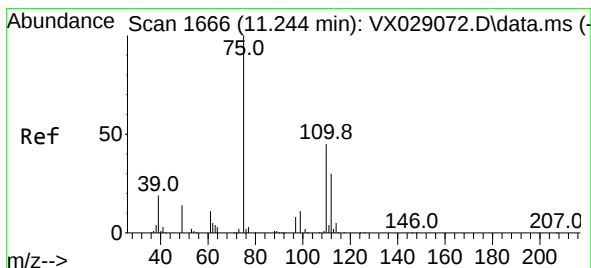
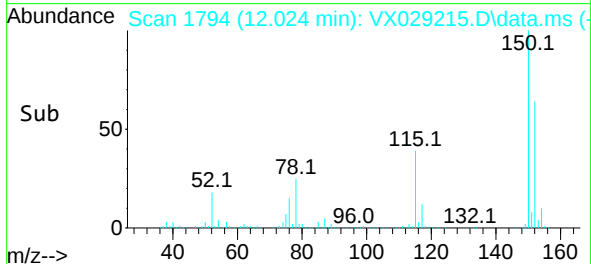
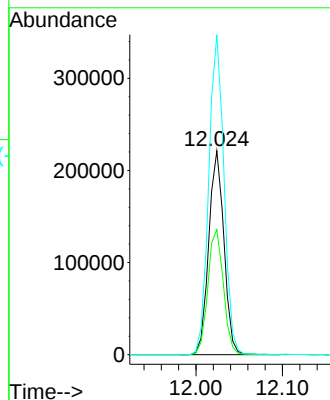
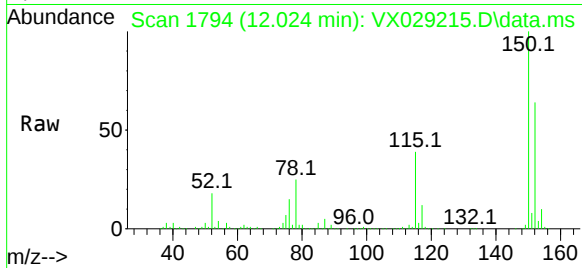




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029215.D
 Acq: 04 Jun 2022 01:20

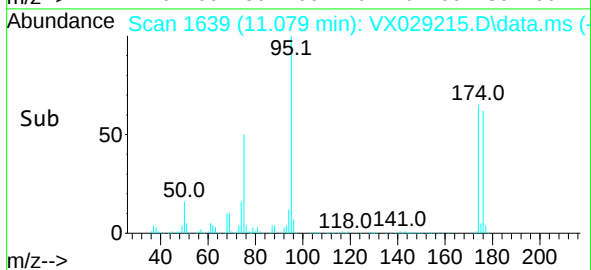
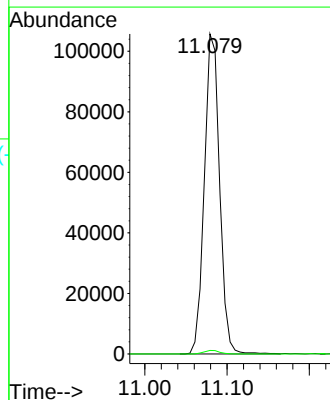
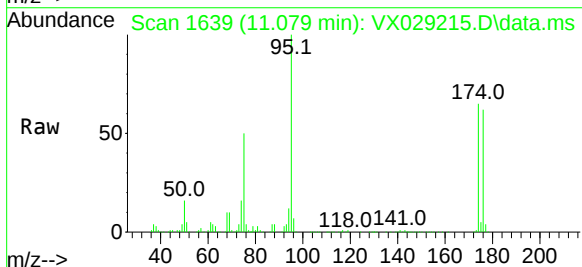
Instrument :
 MSVOA_X
 ClientSampleId :
 64BR-20220531

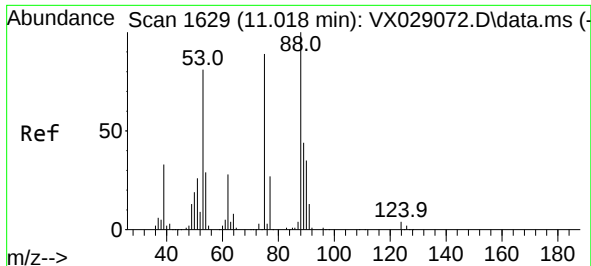
Tgt Ion:152 Resp: 269588
 Ion Ratio Lower Upper
 152 100
 115 62.5 37.5 112.7
 150 156.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 24.905 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029215.D
 Acq: 04 Jun 2022 01:20

Tgt Ion: 75 Resp: 136108
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

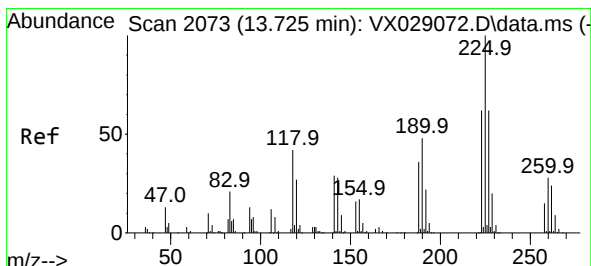
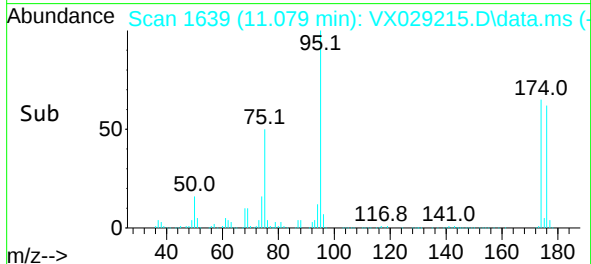
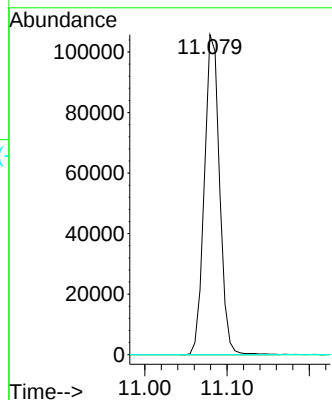
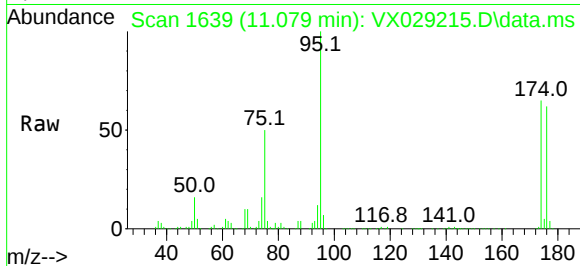




#81
trans-1,4-Dichloro-2-butene
Concen: 73.067 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

Instrument :
MSVOA_X
ClientSampleId :
64BR-20220531

Tgt Ion: 75 Resp: 136108
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: Below Cal
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX029215.D
Acq: 04 Jun 2022 01:20

Tgt Ion: 225 Resp: 57
Ion Ratio Lower Upper
225 100
223 40.4 34.2 102.5
227 0.0 33.9 101.7#

