

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031190.D
 Acq On : 08 Sep 2022 04:55
 Operator : JC/MD
 Sample : N4446-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EQUIP-BLANK

Quant Time: Sep 08 13:58:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

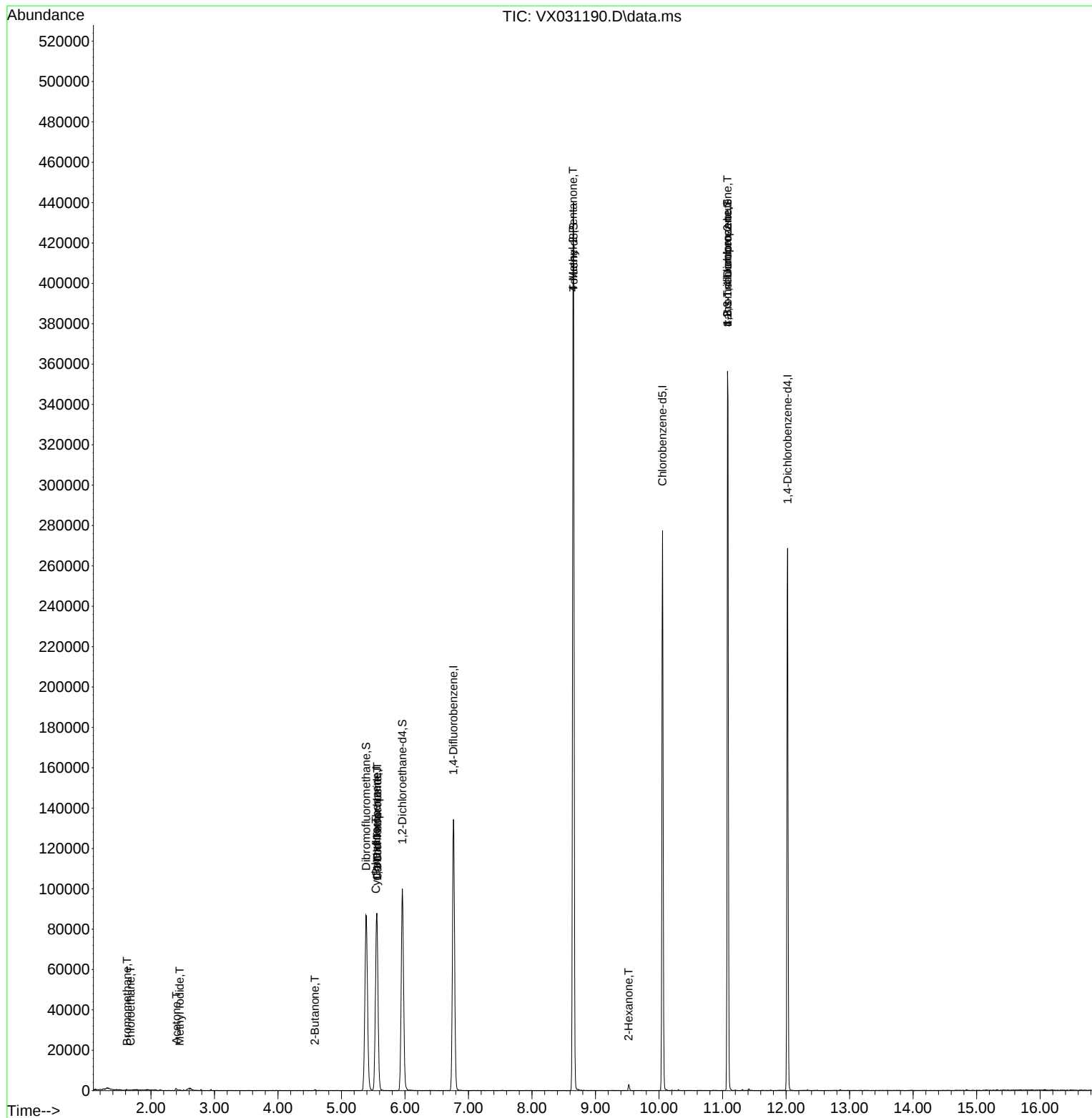
Internal Standards						
1) Pentafluorobenzene	5.550	168	71273	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	135133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	105624	62.595	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 125.180%#	
35) Dibromofluoromethane	5.385	113	75877	51.526	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.060%	
50) Toluene-d8	8.653	98	269987	50.463	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	11.079	95	100115	51.061	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	142	0.214	ug/l	# 2
6) Chloroethane	1.678	64	128	0.220	ug/l	# 41
10) Methyl Iodide	2.453	142	434	0.274	ug/l	# 63
11) Tert butyl alcohol	2.947	59	132	Below Cal	#	74
16) Acetone	2.398	43	1515	2.593	ug/l	91
25) 2-Butanone	4.580	43	567	0.655	ug/l	# 65
31) Cyclohexane	5.544	56	2043	1.083	ug/l	# 38
36) 1,1-Dichloropropene	5.562	75	7077	3.209	ug/l	# 44
38) Carbon Tetrachloride	5.562	117	9048	3.900	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.647	43	1074	0.569	ug/l	# 1
59) 2-Hexanone	9.519	43	460	0.322	ug/l	# 24
76) 1,2,3-Trichloropropane	11.079	75	56260	38.320	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	56260	123.579	ug/l	# 12

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

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Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration

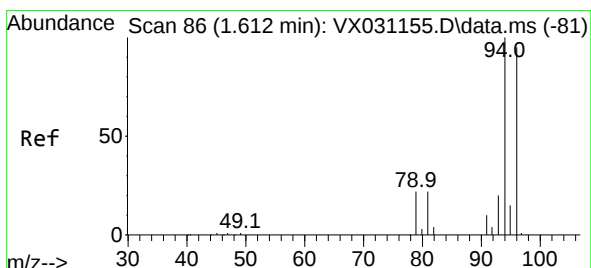
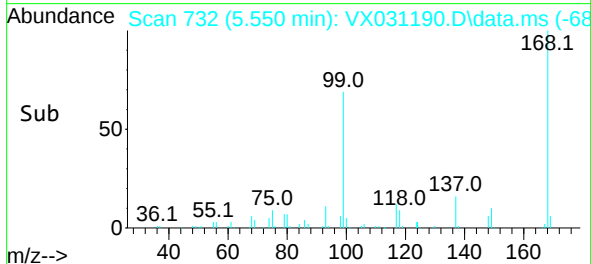
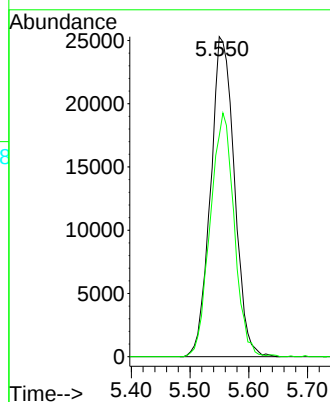
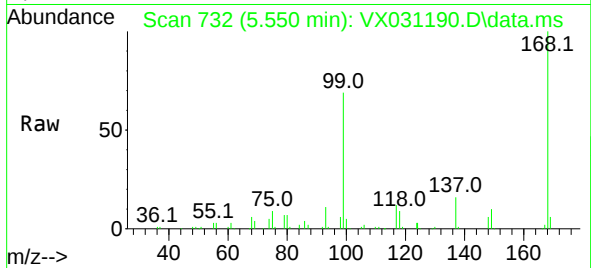




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

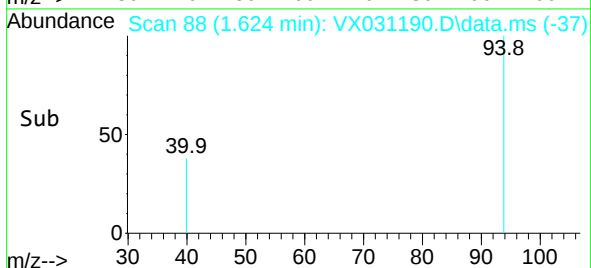
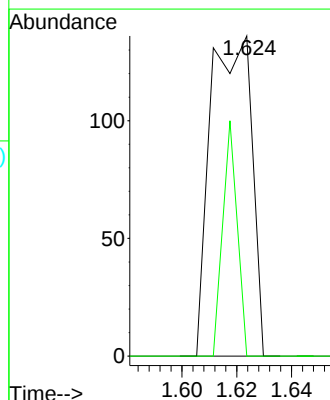
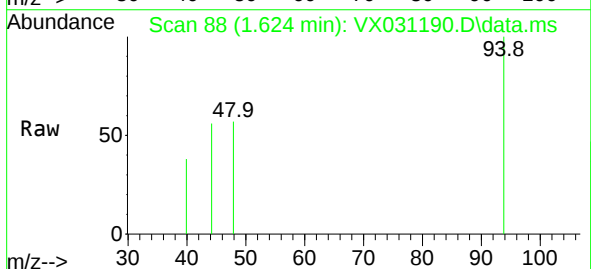
Instrument :
MSVOA_X
ClientSampleId :
EQUIP-BLANK

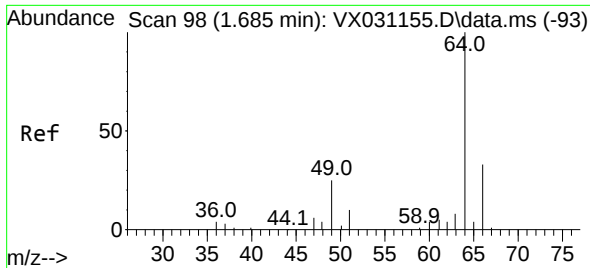
Tgt Ion:168 Resp: 71273
Ion Ratio Lower Upper
168 100
99 69.0 44.0 66.0#



#5
Bromomethane
Concen: 0.214 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

Tgt Ion: 94 Resp: 142
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#

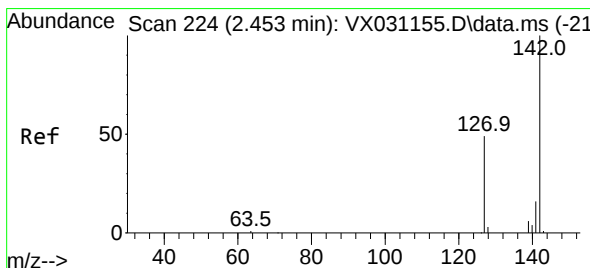
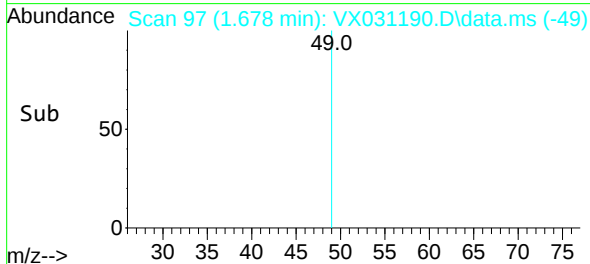
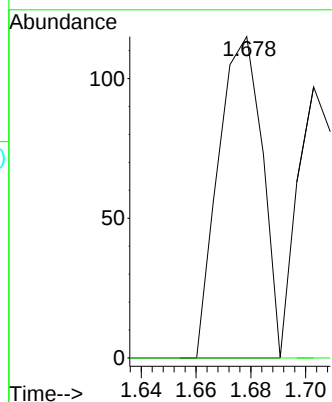
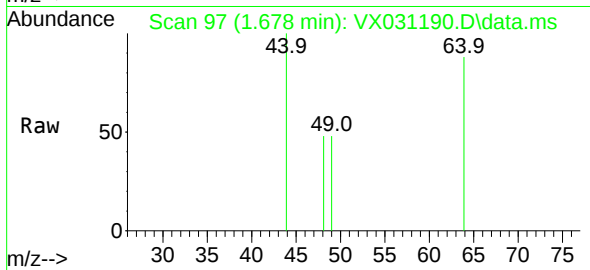




#6
Chloroethane
Concen: 0.220 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

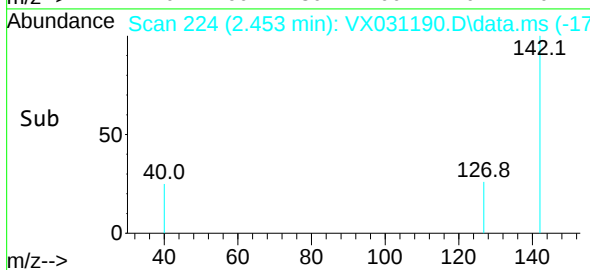
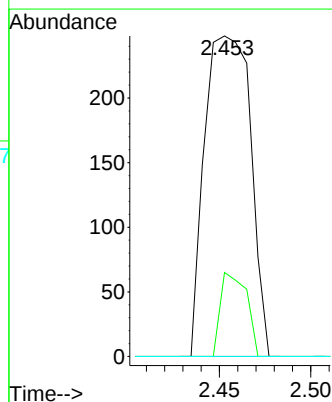
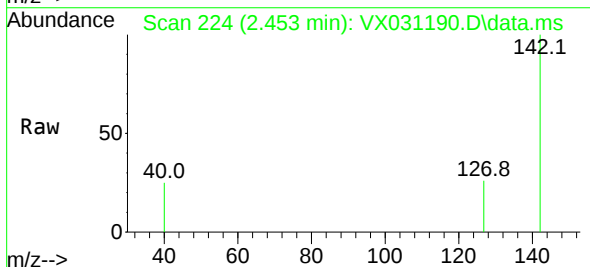
Instrument :
MSVOA_X
ClientSampleId :
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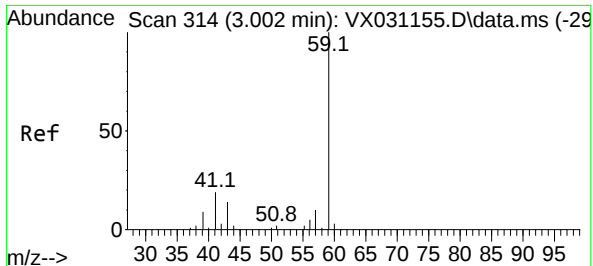
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 0.274 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

Tgt Ion: 142 Resp: 434
Ion Ratio Lower Upper
142 100
127 14.7 30.2 45.2#
141 0.0 11.3 16.9#

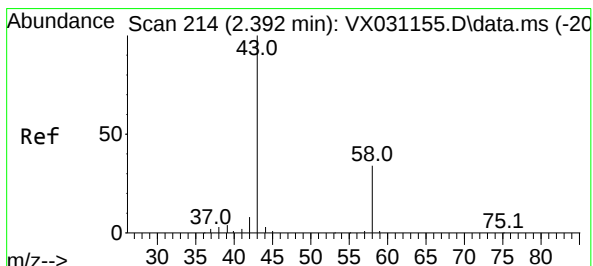
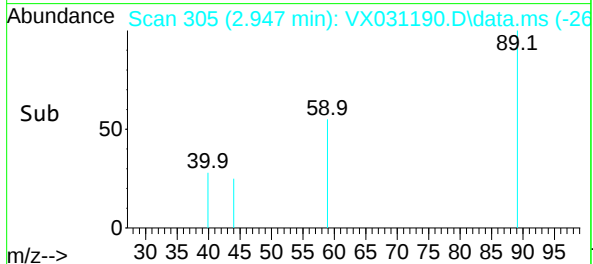
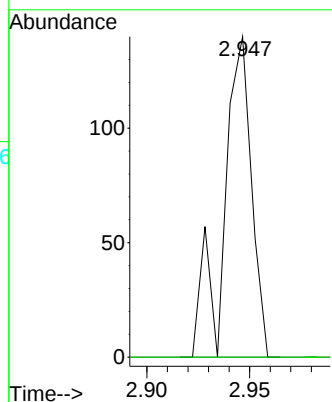
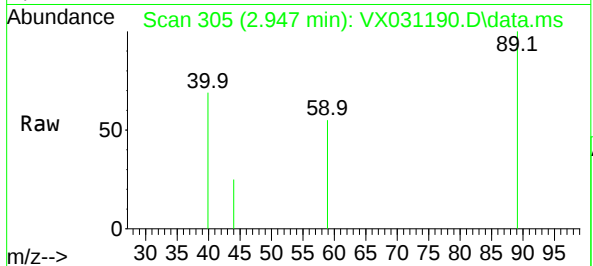




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.055 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

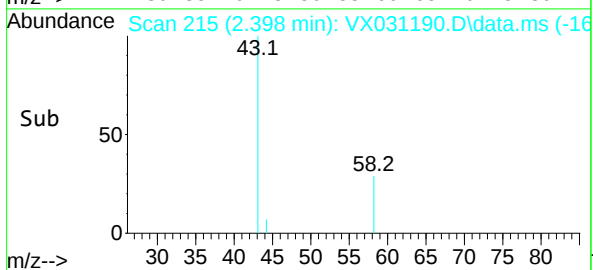
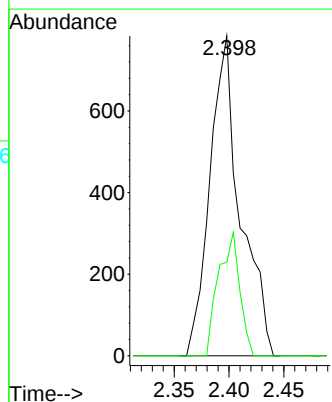
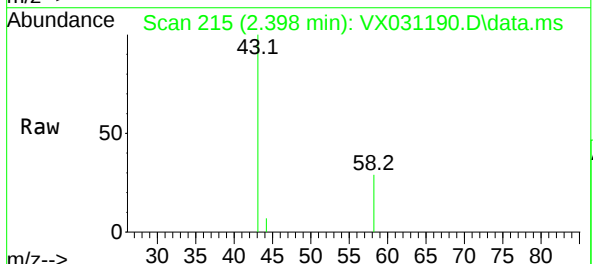
Instrument :
MSVOA_X
ClientSampleId :
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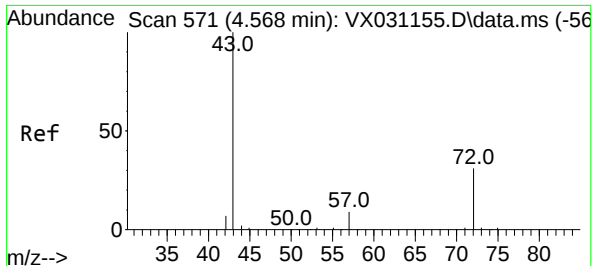
Tgt Ion: 59 Resp: 132
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 2.593 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

Tgt Ion: 43 Resp: 1515
Ion Ratio Lower Upper
43 100
58 29.2 27.7 41.5

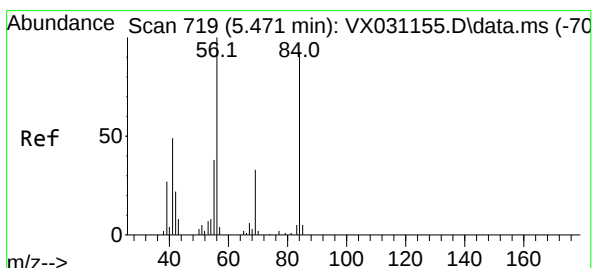
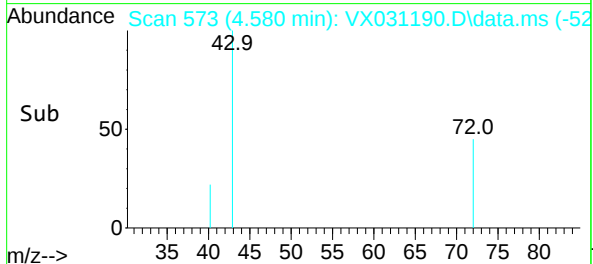
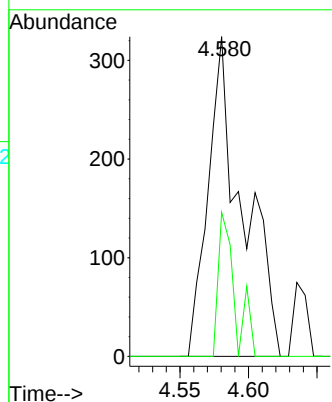
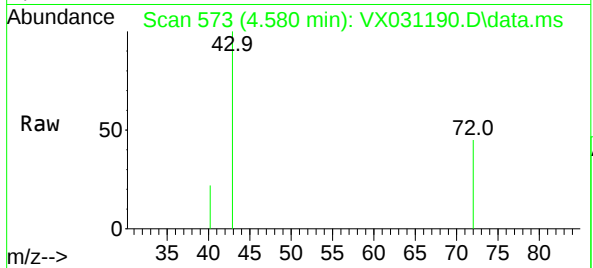




#25
2-Butanone
Concen: 0.655 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

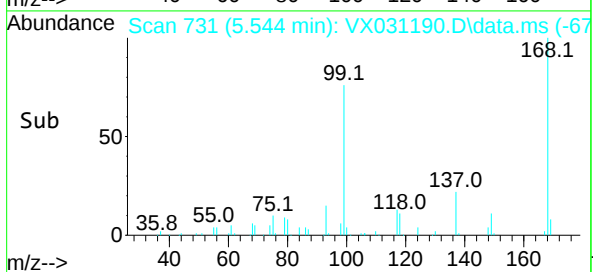
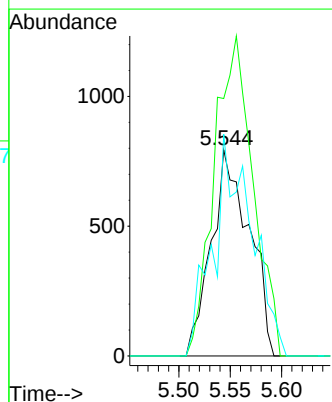
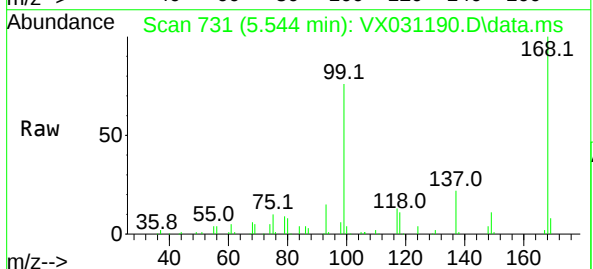
Instrument :
MSVOA_X
ClientSampleId :
EQUIP-BLANK

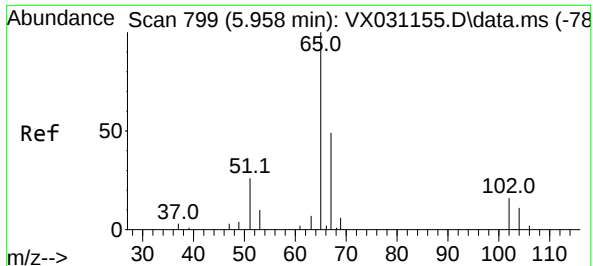
Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
72 45.1 21.7 32.5#



#31
Cyclohexane
Concen: 1.083 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

Tgt Ion: 56 Resp: 2043
Ion Ratio Lower Upper
56 100
69 124.9 25.4 38.0#
84 107.7 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 62.595 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031190.D

Acq: 08 Sep 2022 04:55

Instrument :

MSVOA_X

ClientSampleId :

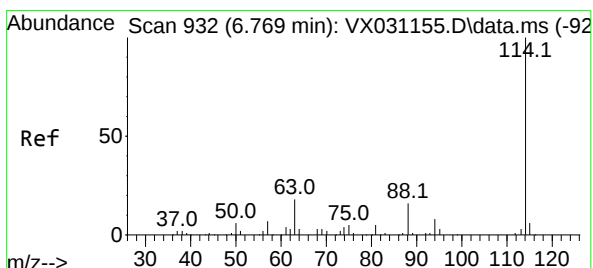
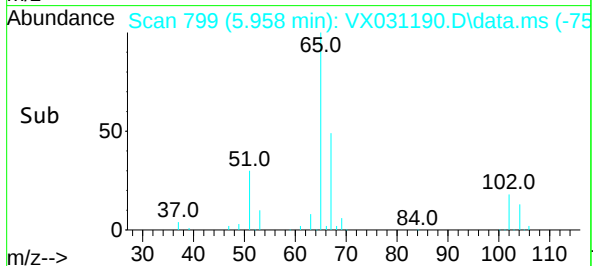
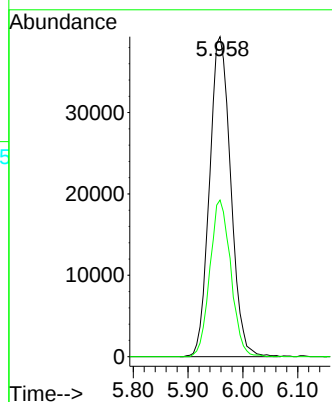
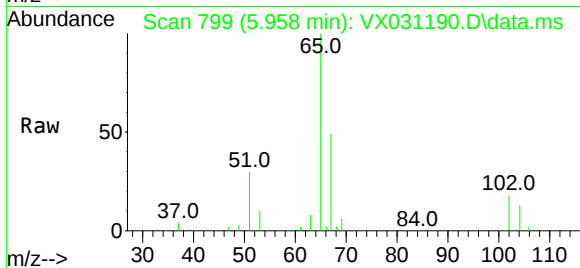
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Tgt Ion: 65 Resp: 105624

Ion Ratio Lower Upper

65 100

67 48.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031190.D

Acq: 08 Sep 2022 04:55

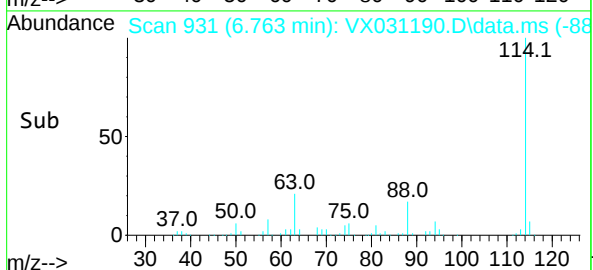
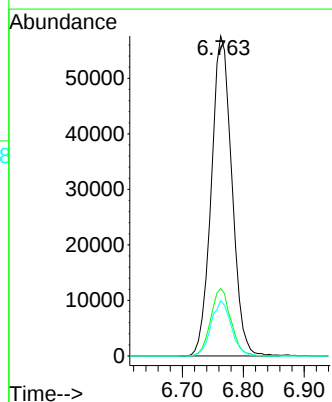
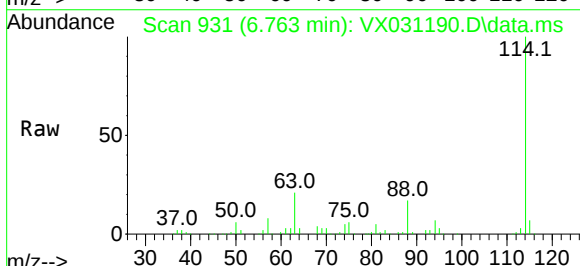
Tgt Ion: 114 Resp: 135133

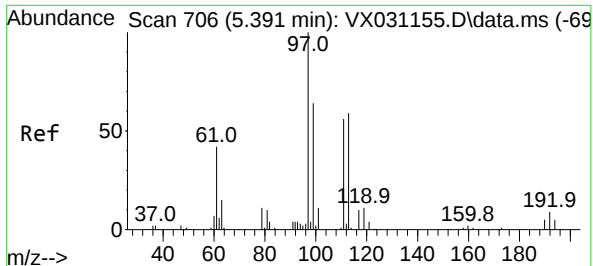
Ion Ratio Lower Upper

114 100

63 21.0 0.0 38.4

88 17.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.526 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031190.D

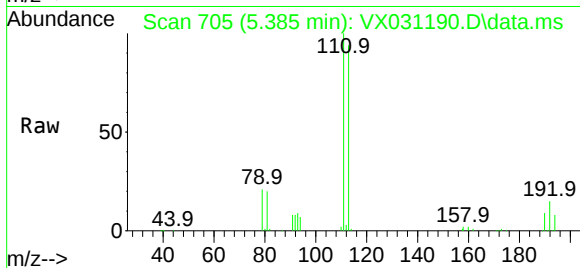
Acq: 08 Sep 2022 04:55

Instrument :

MSVOA_X

ClientSampleId :

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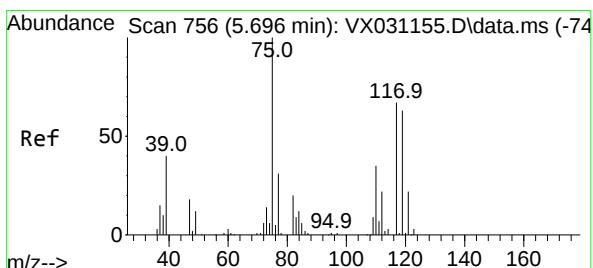
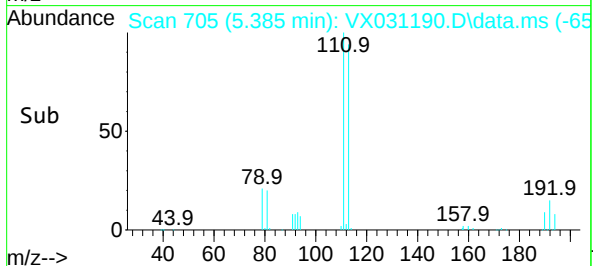
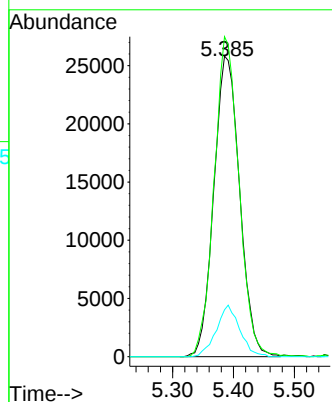
Tgt Ion:113 Resp: 75877

Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

192 15.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.209 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX031190.D

Acq: 08 Sep 2022 04:55

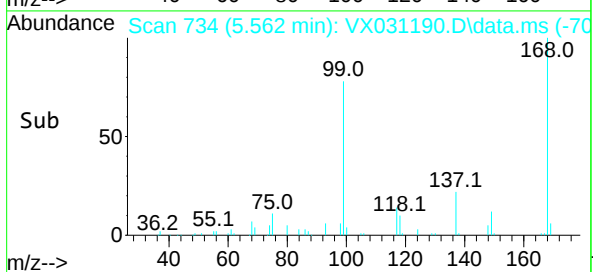
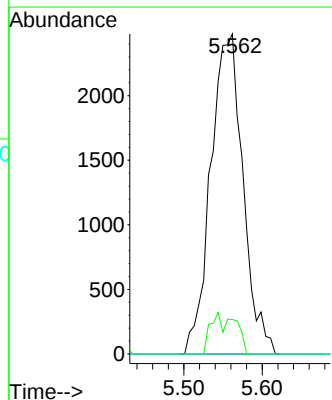
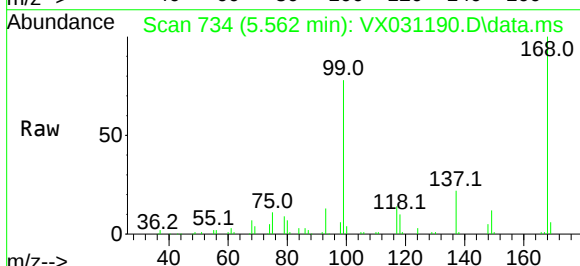
Tgt Ion: 75 Resp: 7077

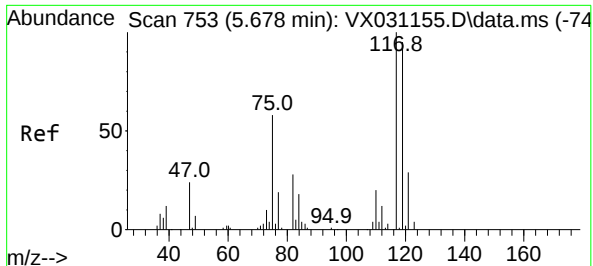
Ion Ratio Lower Upper

75 100

110 4.9 19.3 57.9#

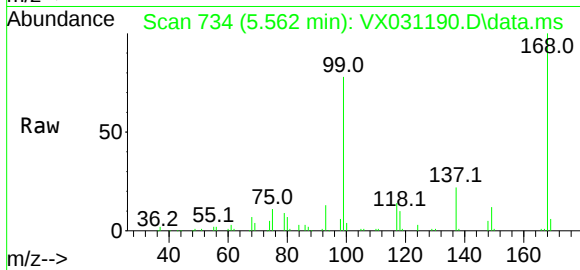
77 0.0 24.4 36.6#



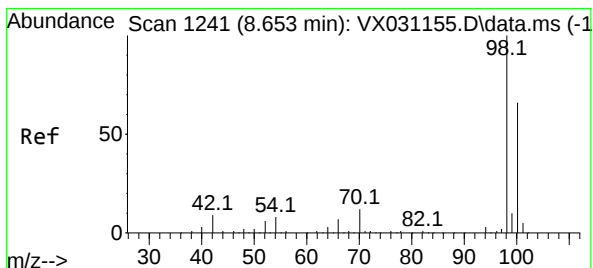
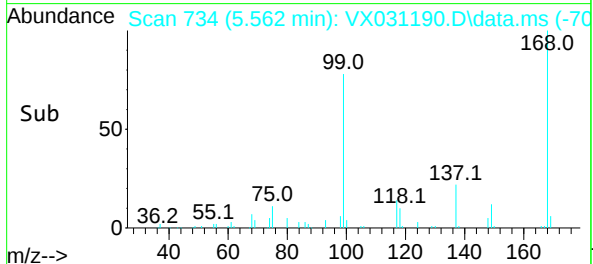
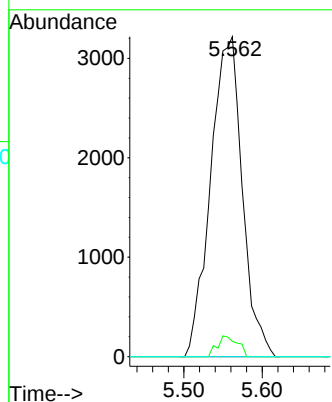


#38
Carbon Tetrachloride
Concen: 3.900 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

Instrument :
MSVOA_X
ClientSampleId :
EQUIP-BLANK

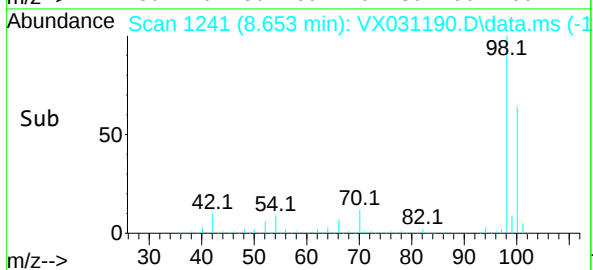
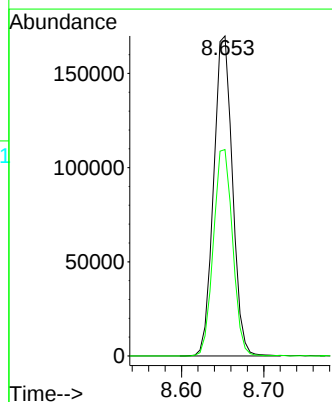
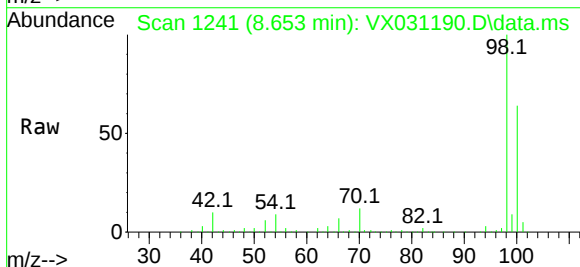


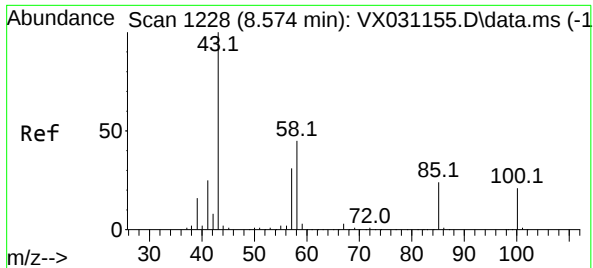
Tgt Ion:117 Resp: 9048
Ion Ratio Lower Upper
117 100
119 4.8 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 50.463 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

Tgt Ion: 98 Resp: 269987
Ion Ratio Lower Upper
98 100
100 65.8 52.3 78.5

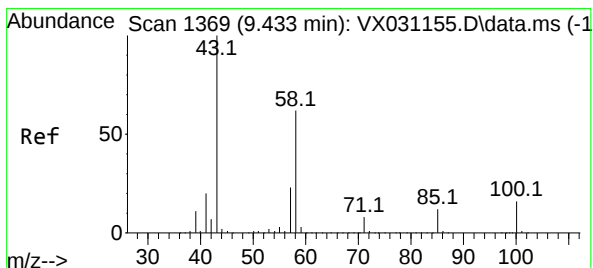
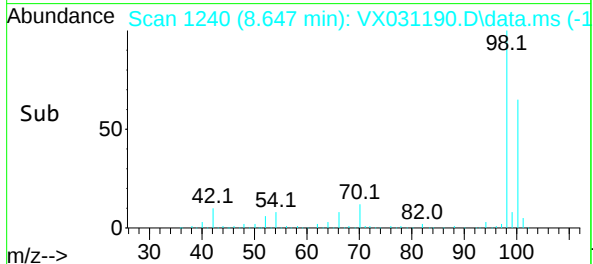
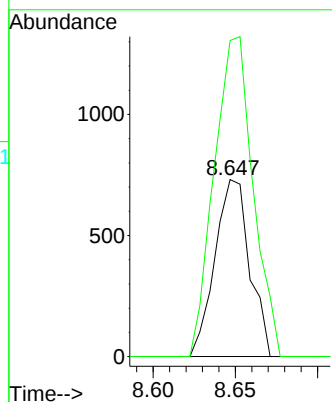
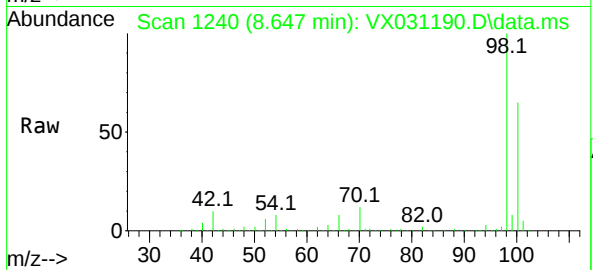




#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

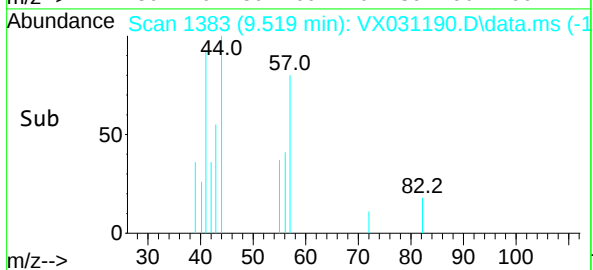
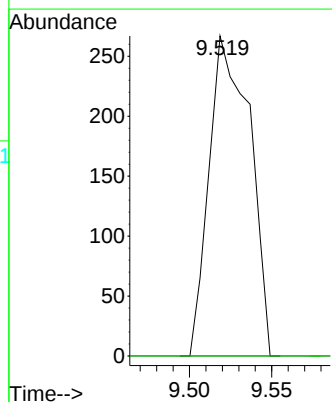
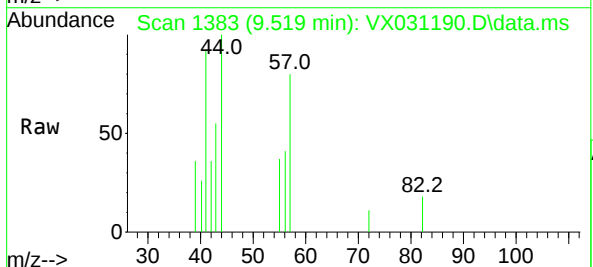
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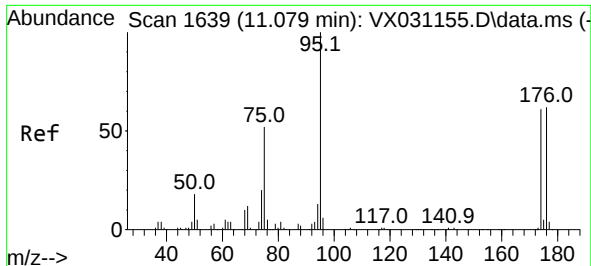
Tgt Ion: 43 Resp: 1074
Ion Ratio Lower Upper
43 100
58 202.3 31.4 47.2#



#59
2-Hexanone
Concen: 0.322 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.085 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

Tgt Ion: 43 Resp: 460
Ion Ratio Lower Upper
43 100
58 0.0 27.6 82.8#





#62

4-Bromofluorobenzene

Concen: 51.061 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031190.D

Acq: 08 Sep 2022 04:55

Instrument :

MSVOA_X

ClientSampleId :

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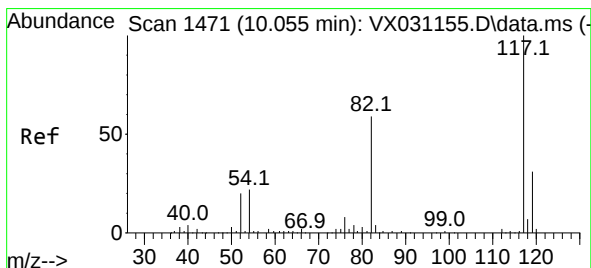
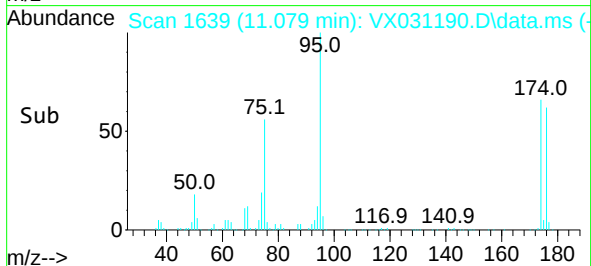
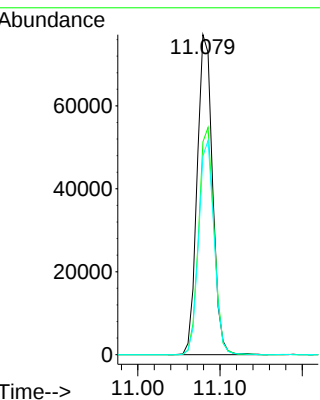
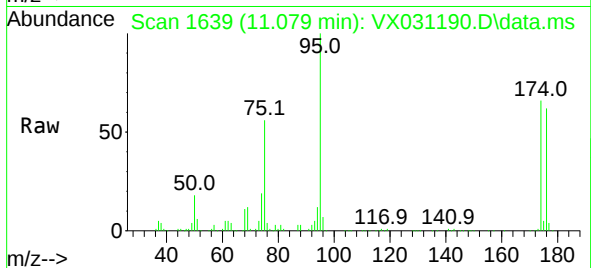
Tgt Ion: 95 Resp: 100115

Ion Ratio Lower Upper

95 100

174 71.0 0.0 149.0

176 66.8 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: VX031190.D

Acq: 08 Sep 2022 04:55

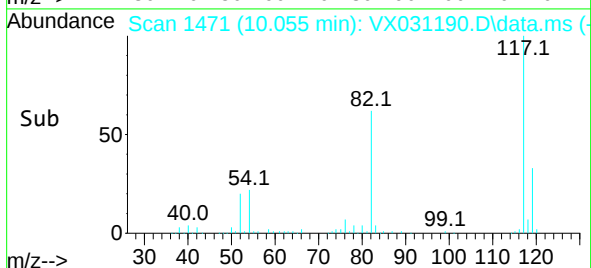
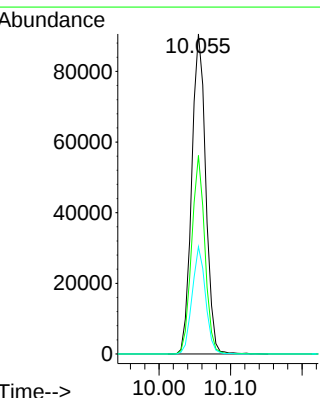
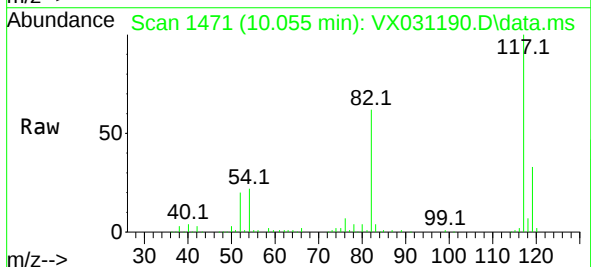
Tgt Ion: 117 Resp: 123564

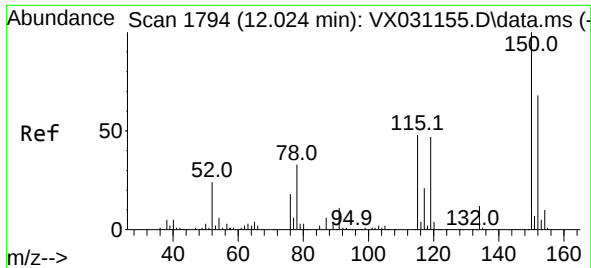
Ion Ratio Lower Upper

117 100

82 62.0 42.7 64.1

119 33.5 25.4 38.2

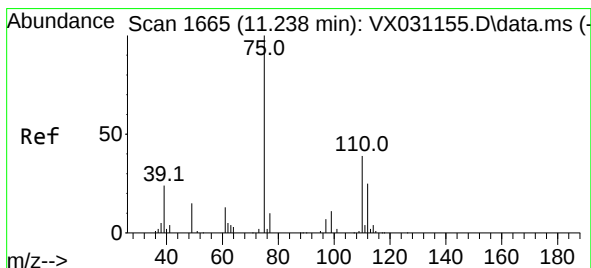
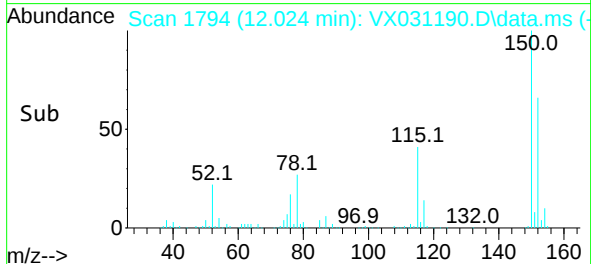
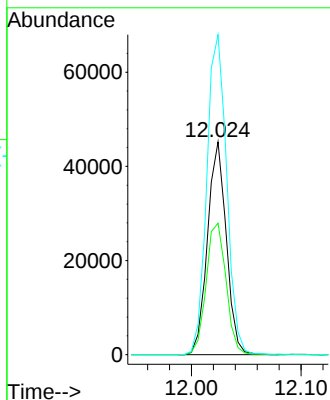
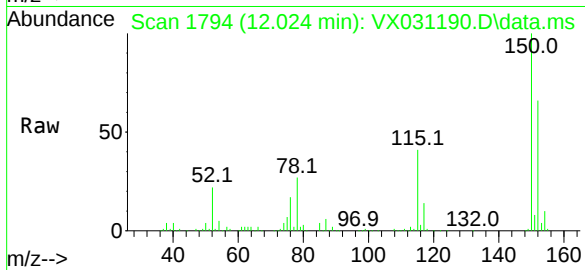




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

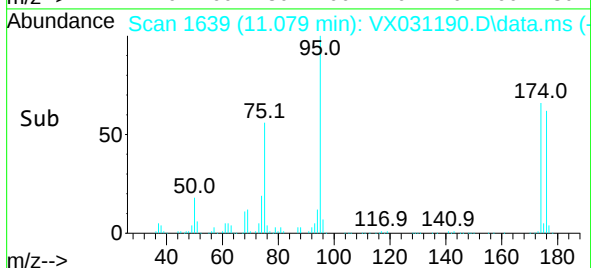
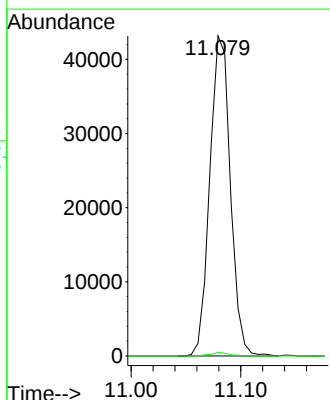
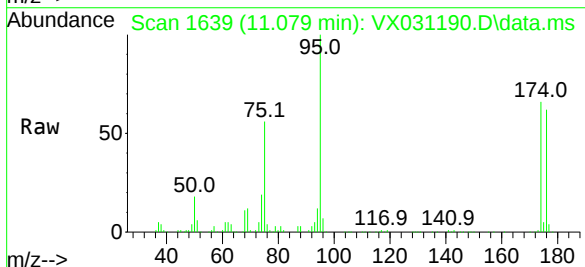
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ClientSampleId :
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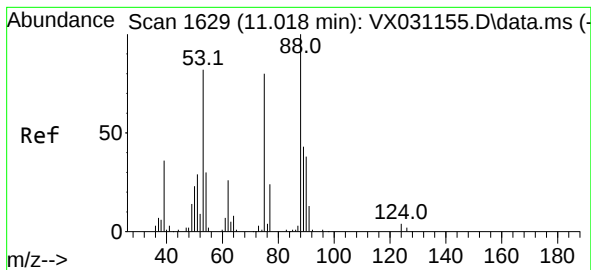
Tgt Ion:152 Resp: 53795
Ion Ratio Lower Upper
152 100
115 65.6 40.5 121.5
150 159.2 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 38.320 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031190.D
Acq: 08 Sep 2022 04:55

Tgt Ion: 75 Resp: 56260
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.579 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031190.D
 Acq: 08 Sep 2022 04:55

Instrument :
 MSVOA_X
 ClientSampleId :
 EQUIP-BLANK

Tgt Ion: 75 Resp: 56260
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

