

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040095.D
 Acq On : 02 Feb 2024 18:20
 Operator : JC/MD
 Sample : P1344-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-DUP-20240131

Quant Time: Feb 03 02:20:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

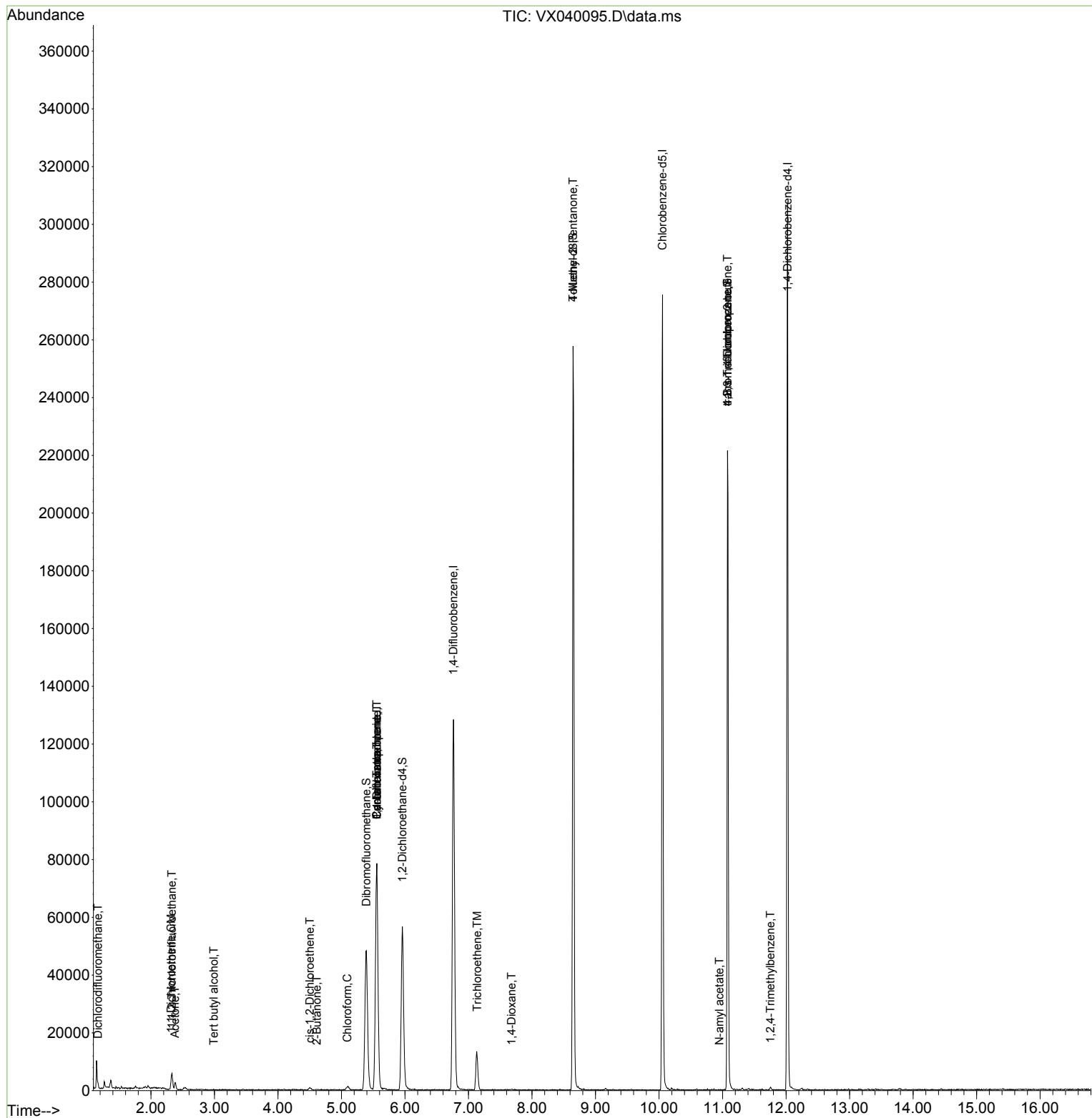
Internal Standards						
1) Pentafluorobenzene	5.556	168	67594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127811	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59534	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52467	48.230	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.460%		
35) Dibromofluoromethane	5.391	113	42761	49.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.300%		
50) Toluene-d8	8.647	98	150917	46.382	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.760%		
62) 4-Bromofluorobenzene	11.079	95	60379	48.193	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.380%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	724	0.951	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	1815	2.290	ug/l	90
11) Tert butyl alcohol	2.989	59	83	0.420	ug/l #	78
12) 1,1-Dichloroethene	2.318	96	526	0.692	ug/l #	94
16) Acetone	2.379	43	2460	4.826	ug/l	91
25) 2-Butanone	4.611	43	257	0.363	ug/l #	51
27) cis-1,2-Dichloroethene	4.501	96	453	0.485	ug/l	86
30) Chloroform	5.092	83	1668	1.022	ug/l	92
31) Cyclohexane	5.556	56	1694	1.243	ug/l #	2
36) 1,1-Dichloropropene	5.556	75	6028	4.791	ug/l #	52
38) Carbon Tetrachloride	5.556	117	8204	6.814	ug/l #	17
44) Trichloroethene	7.135	130	4845	5.024	ug/l	96
49) 1,4-Dioxane	7.677	88	31	1.336	ug/l #	93
51) 4-Methyl-2-Pentanone	8.647	43	805	0.544	ug/l #	1
74) N-amyl acetate	10.951	43	24	0.211	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	31808	25.089	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	31808	74.141	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	756	0.206	ug/l	97

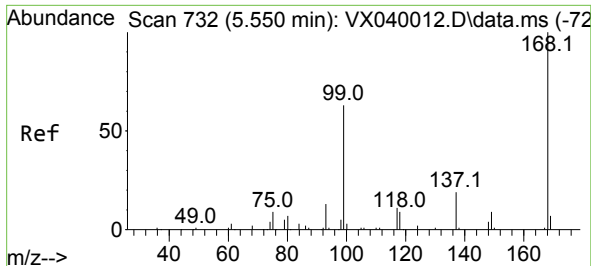
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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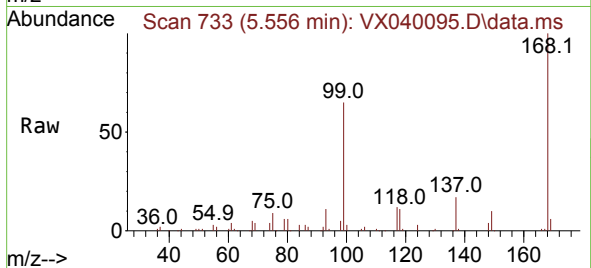
Quant Time: Feb 03 02:20:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration



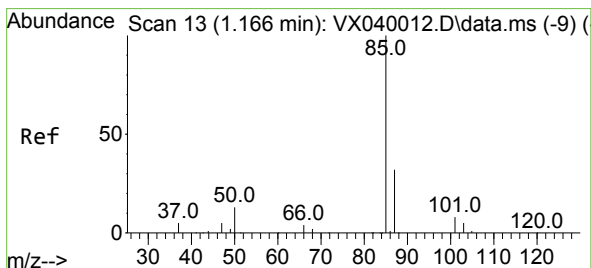
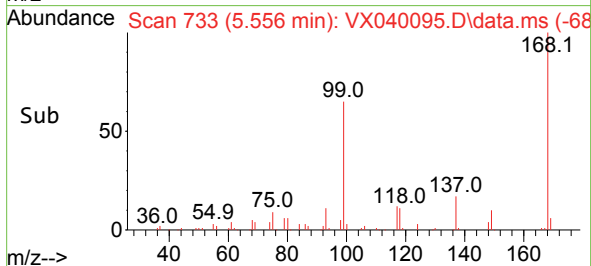
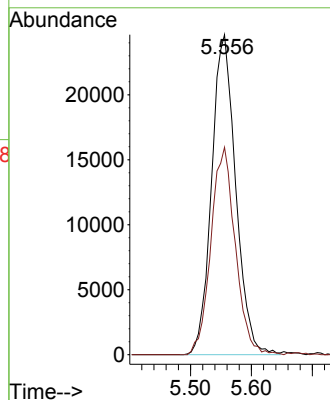


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-DUP-20240131

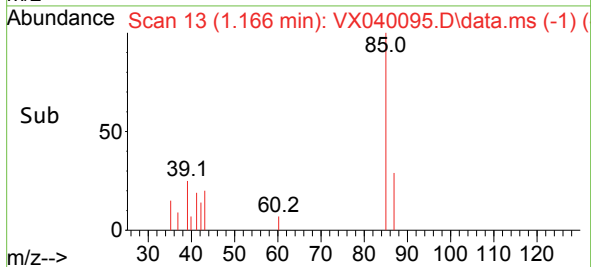
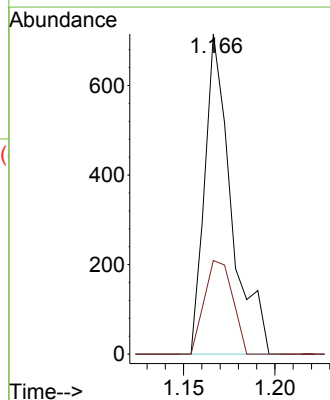
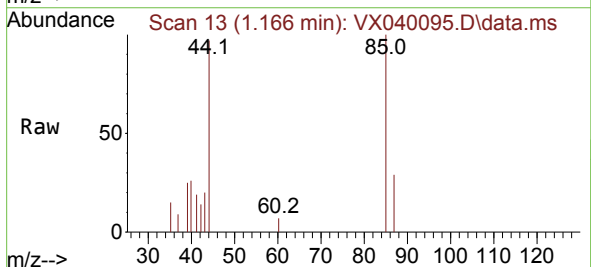


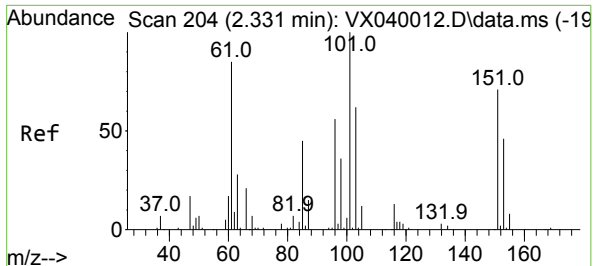
Tgt Ion:168 Resp: 67594
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.951 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Tgt Ion: 85 Resp: 724
Ion Ratio Lower Upper
85 100
87 29.2 16.7 50.1

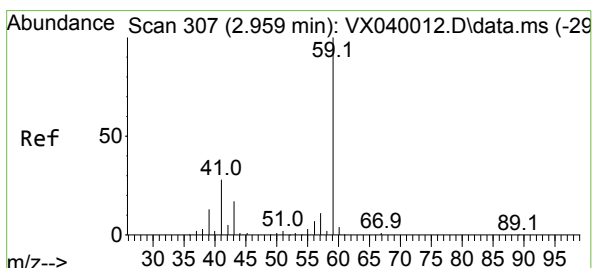
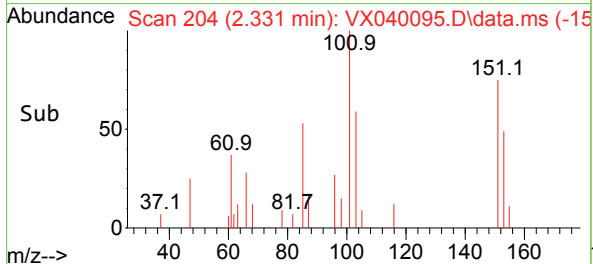
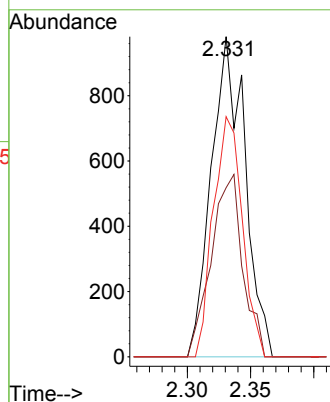
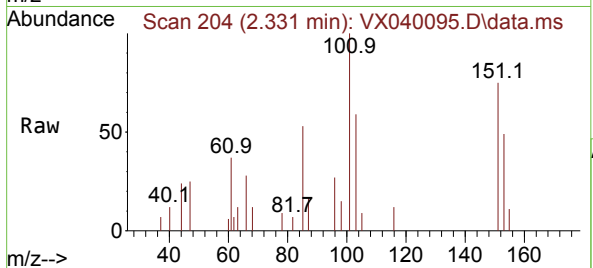




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.290 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

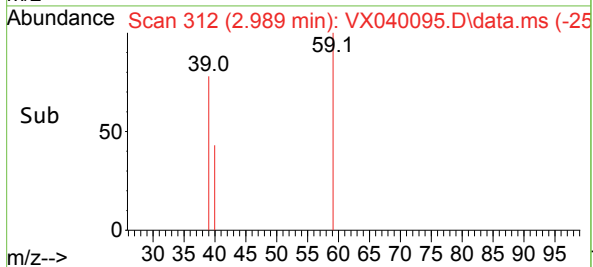
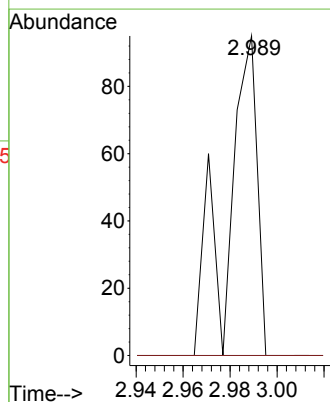
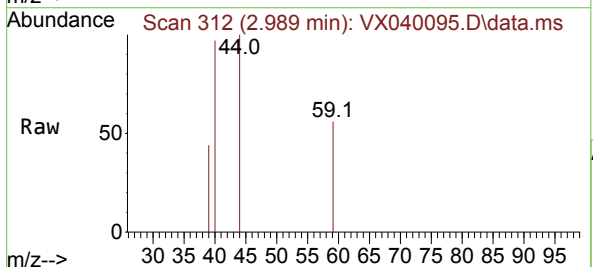
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-DUP-20240131

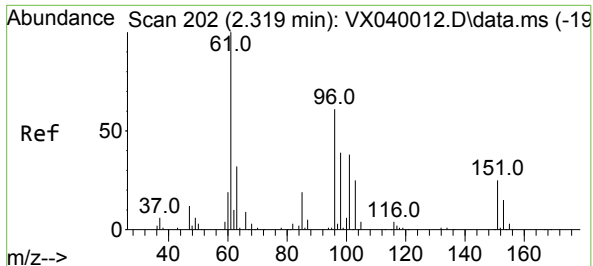
Tgt Ion:101 Resp: 1815
Ion Ratio Lower Upper
101 100
85 53.4 37.0 55.6
151 64.7 58.6 87.8



#11
Tert butyl alcohol
Concen: 0.420 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.030 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Tgt Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#12

1,1-Dichloroethene

Concen: 0.692 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX040095.D

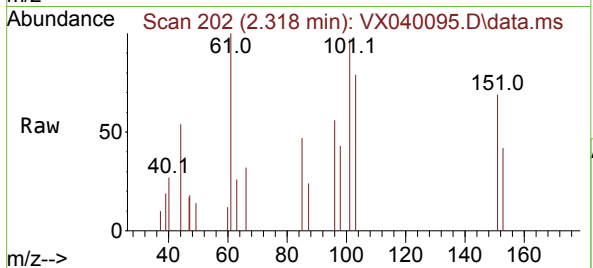
Acq: 02 Feb 2024 18:20

Instrument :

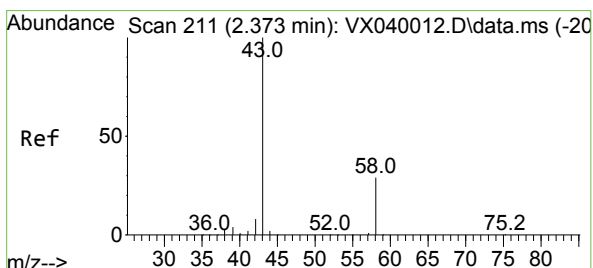
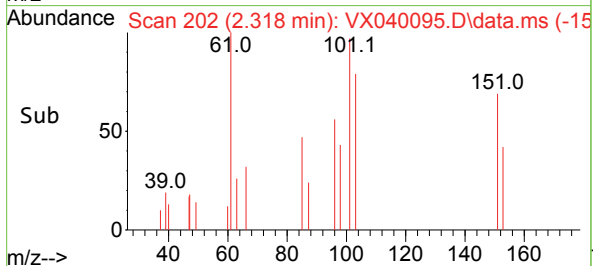
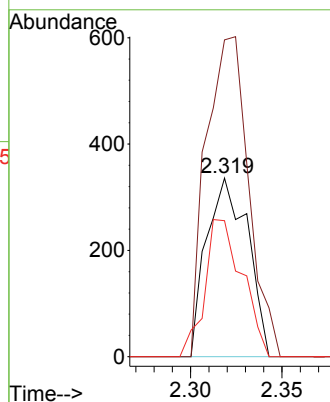
MSVOA_X

ClientSampleId :

BP-VPB-191-DUP-20240131



Tgt Ion:	96	Resp:	526
Ion	Ratio	Lower	Upper
96	100		
61	177.4	144.6	216.8
98	76.2	50.4	75.6#



#16

Acetone

Concen: 4.826 ug/l

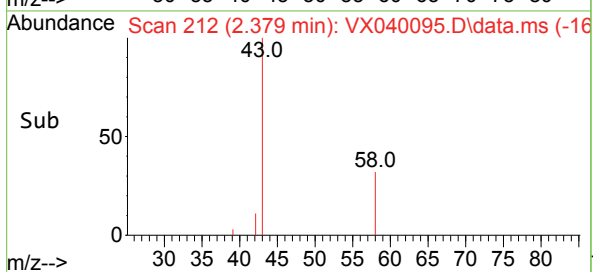
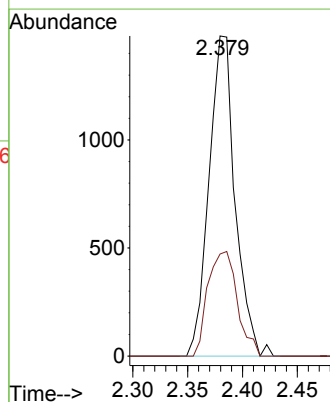
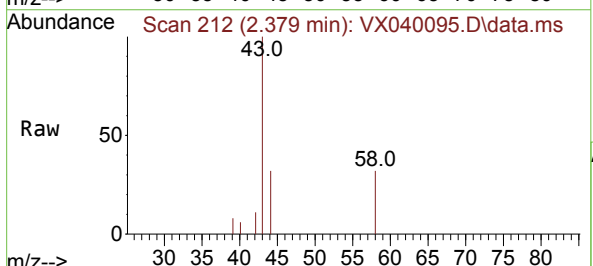
RT: 2.379 min Scan# 212

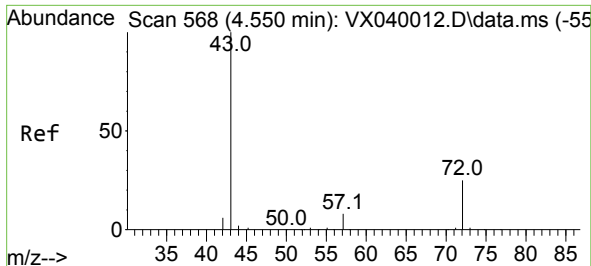
Delta R.T. 0.006 min

Lab File: VX040095.D

Acq: 02 Feb 2024 18:20

Tgt Ion:	43	Resp:	2460
Ion	Ratio	Lower	Upper
43	100		
58	31.9	21.9	32.9

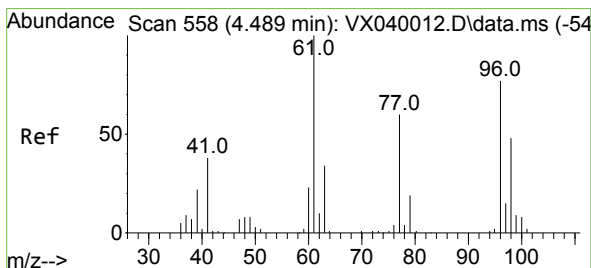
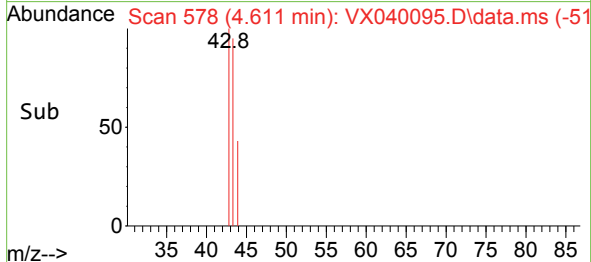
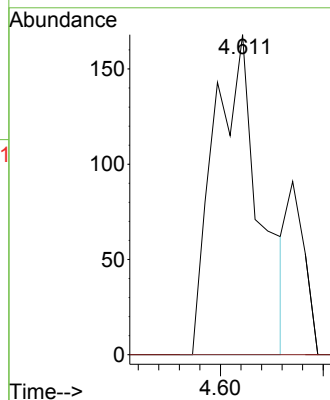
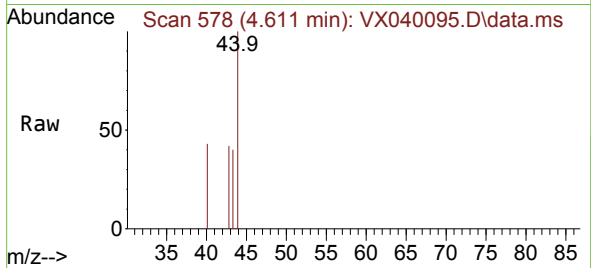




#25
2-Butanone
Concen: 0.363 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.061 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

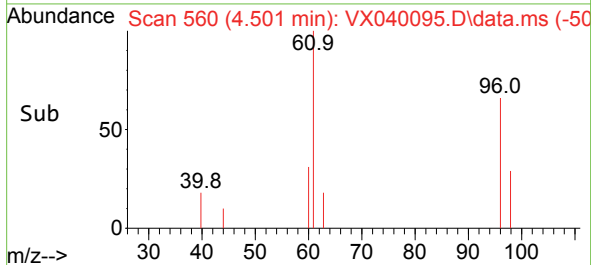
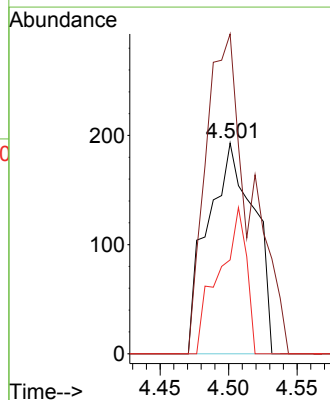
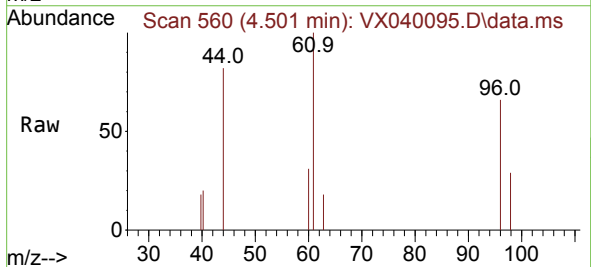
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-DUP-20240131

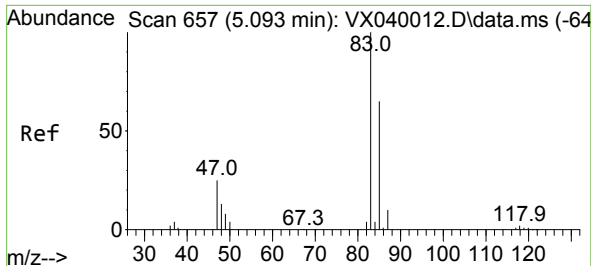
Tgt Ion: 43 Resp: 257
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.485 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Tgt Ion: 96 Resp: 453
Ion Ratio Lower Upper
96 100
61 145.7 0.0 312.2
98 41.3 0.0 129.0

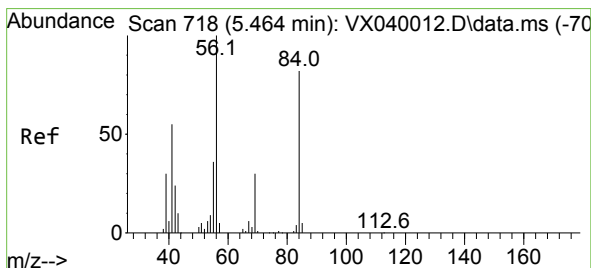
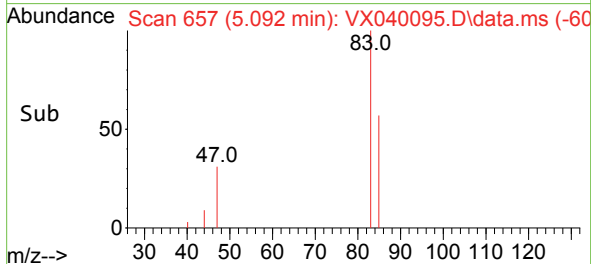
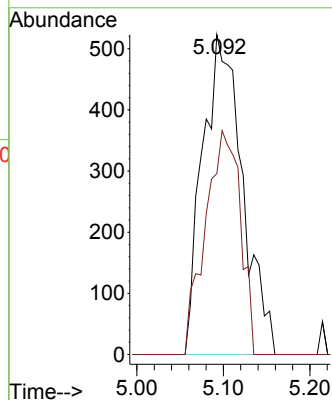
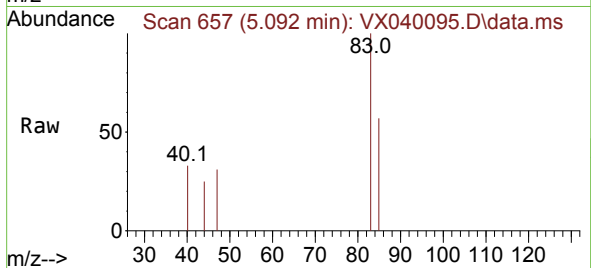




#30
Chloroform
Concen: 1.022 ug/l
RT: 5.092 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

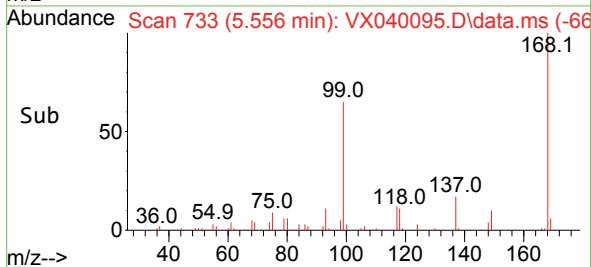
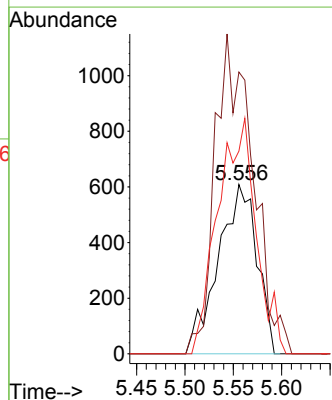
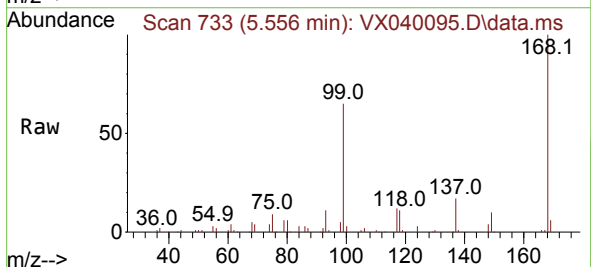
Instrument :
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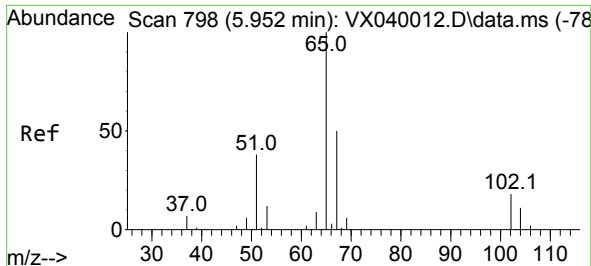
Tgt Ion: 83 Resp: 1668
Ion Ratio Lower Upper
83 100
85 56.6 50.3 75.5



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Tgt Ion: 56 Resp: 1694
Ion Ratio Lower Upper
56 100
69 166.3 23.4 35.2#
84 119.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 48.230 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040095.D

Acq: 02 Feb 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

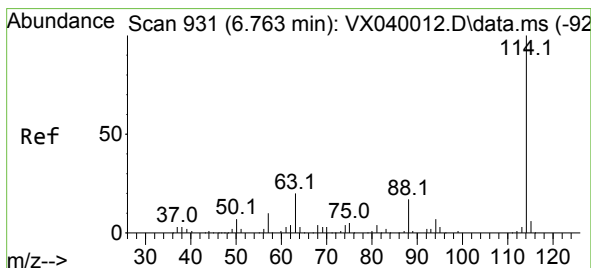
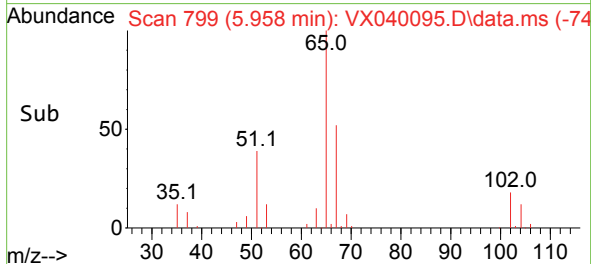
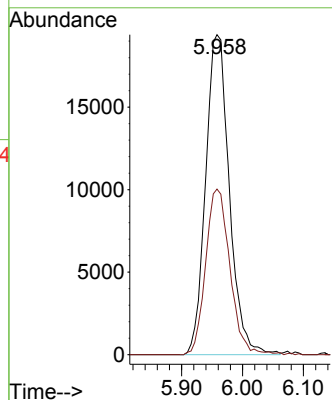
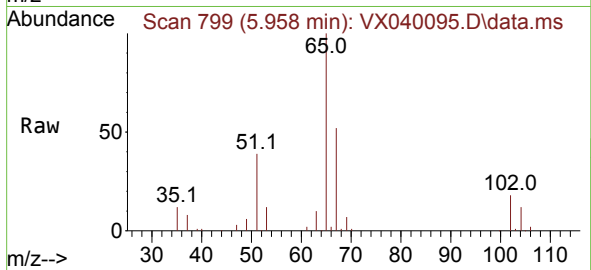
BP-VPB-191-DUP-20240131

Tgt Ion: 65 Resp: 52467

Ion Ratio Lower Upper

65 100

67 52.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040095.D

Acq: 02 Feb 2024 18:20

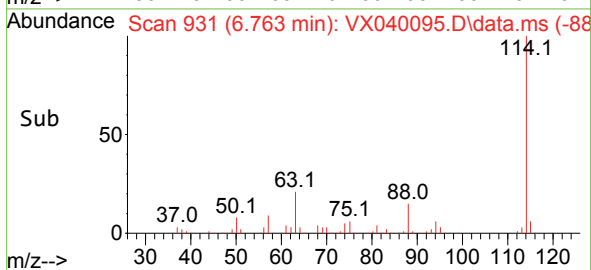
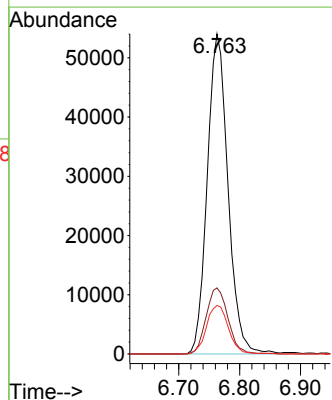
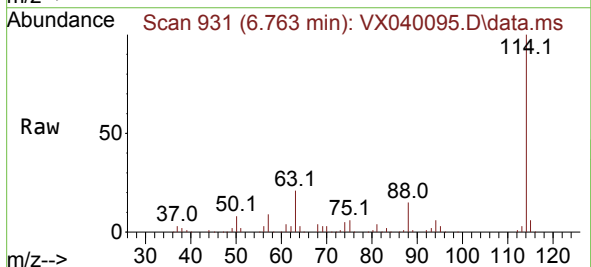
Tgt Ion: 114 Resp: 127811

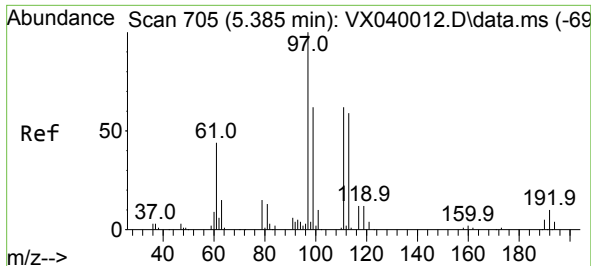
Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 15.1 0.0 36.6

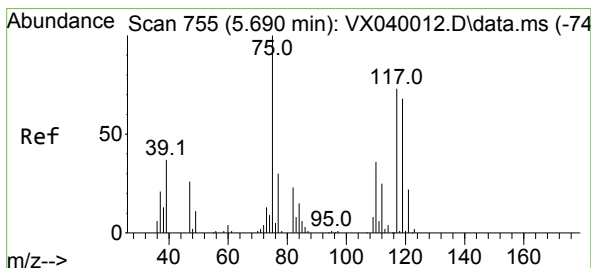
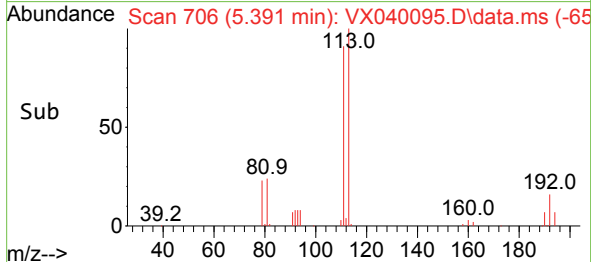
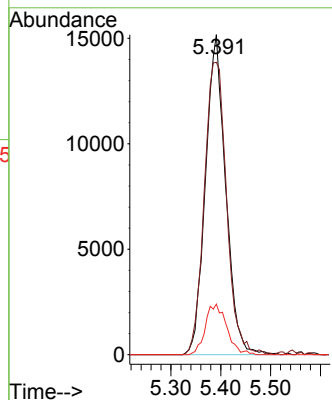
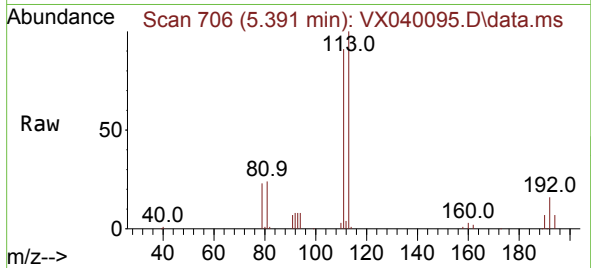




#35
Dibromofluoromethane
Concen: 49.148 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

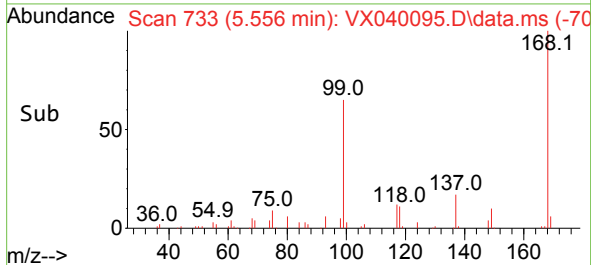
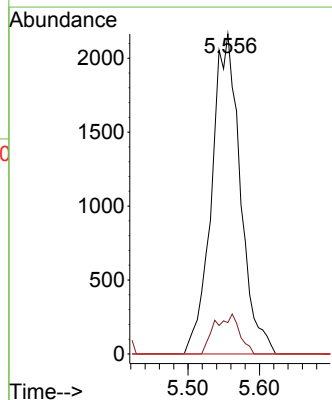
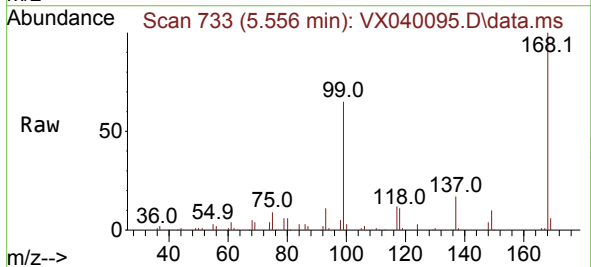
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-DUP-20240131

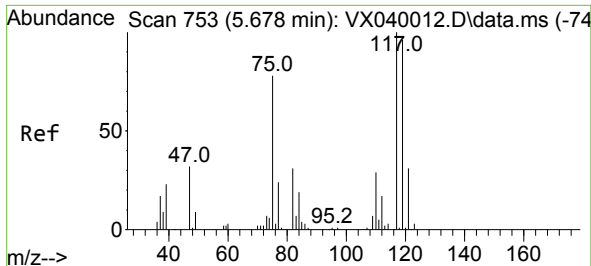
Tgt Ion:113 Resp: 42761
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Tgt Ion: 75 Resp: 6028
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.814 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX040095.D

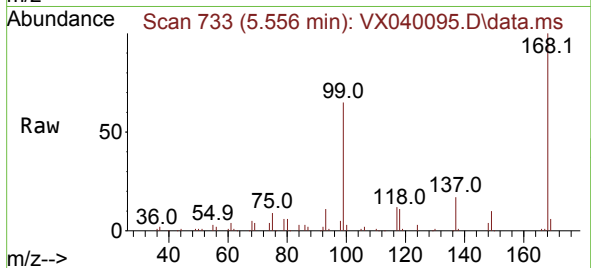
Acq: 02 Feb 2024 18:20

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-DUP-20240131



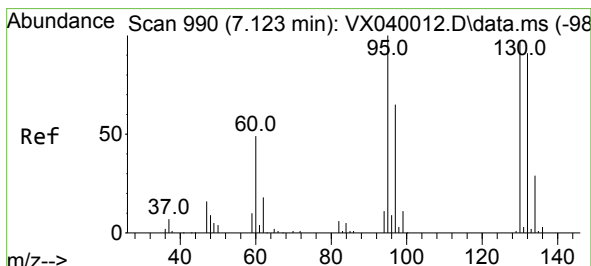
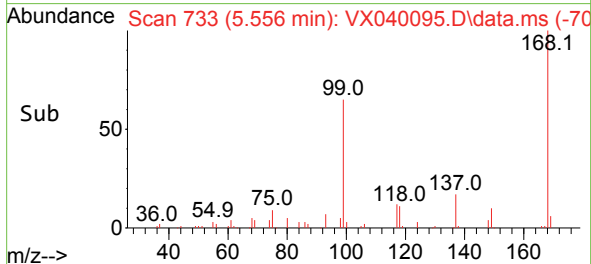
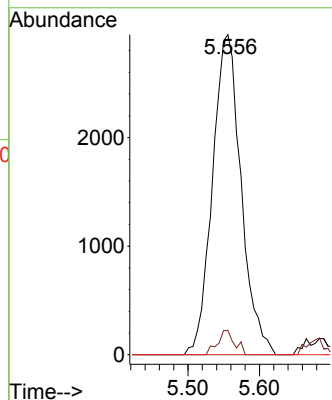
Tgt Ion:117 Resp: 8204

Ion Ratio Lower Upper

117 100

119 7.6 78.2 117.2#

121 0.0 24.4 36.6#



#44

Trichloroethene

Concen: 5.024 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX040095.D

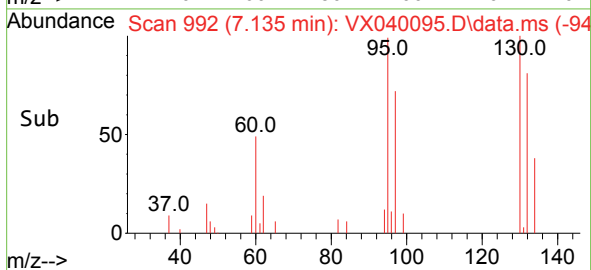
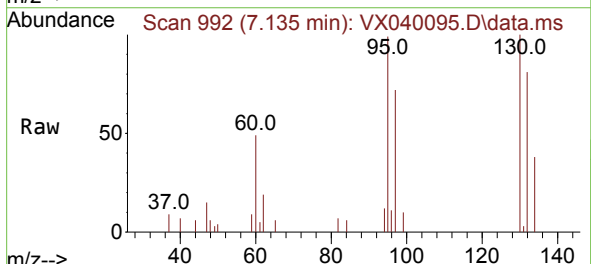
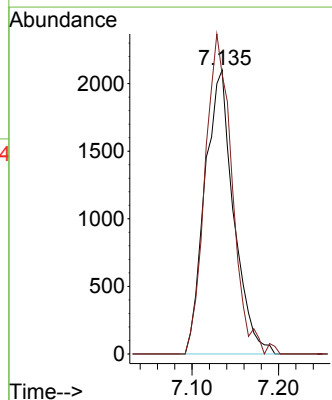
Acq: 02 Feb 2024 18:20

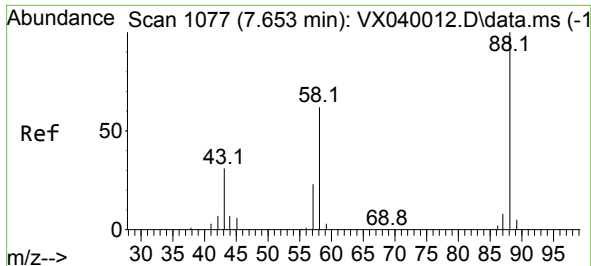
Tgt Ion:130 Resp: 4845

Ion Ratio Lower Upper

130 100

95 98.5 0.0 204.4

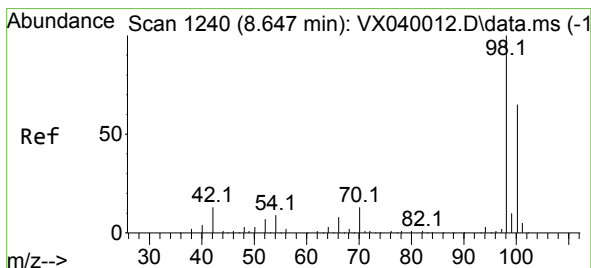
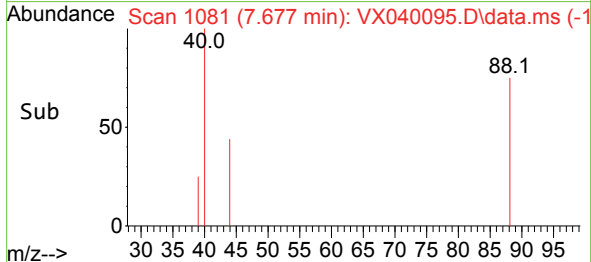
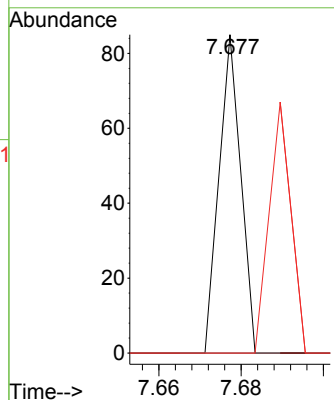
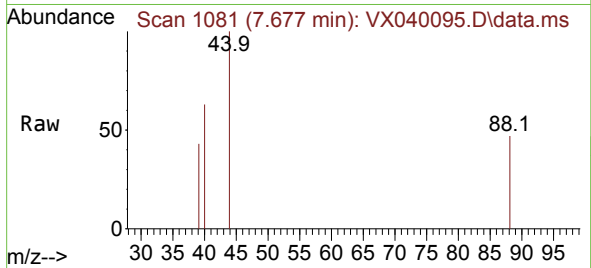




#49
1,4-Dioxane
Concen: 1.336 ug/l
RT: 7.677 min Scan# 1077
Delta R.T. 0.024 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

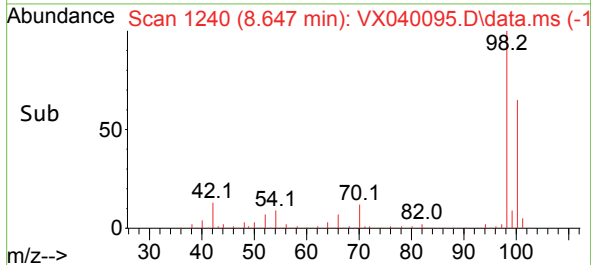
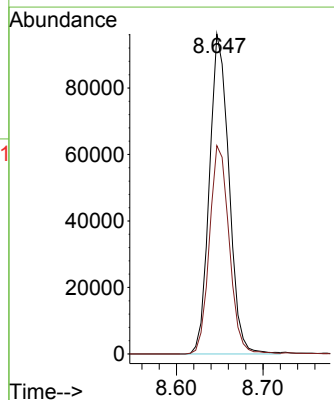
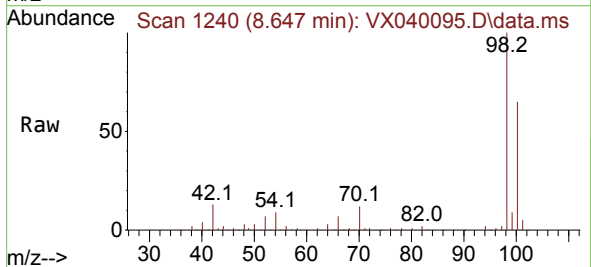
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-DUP-20240131

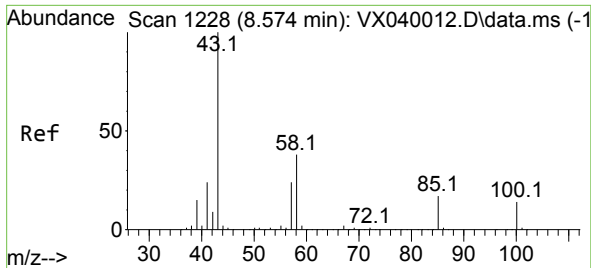
Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 80.6 60.1 90.1



#50
Toluene-d8
Concen: 46.382 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Tgt Ion: 98 Resp: 150917
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

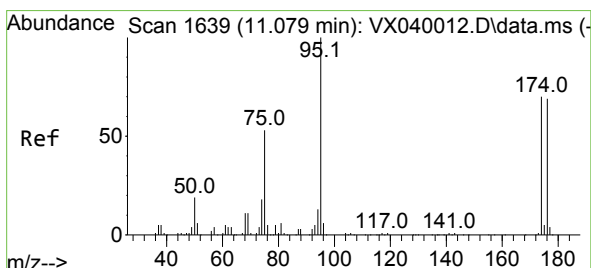
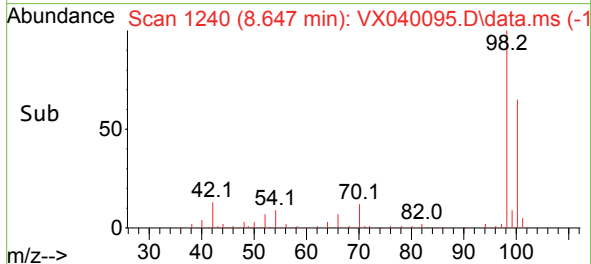
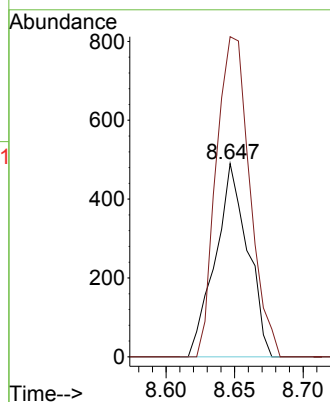
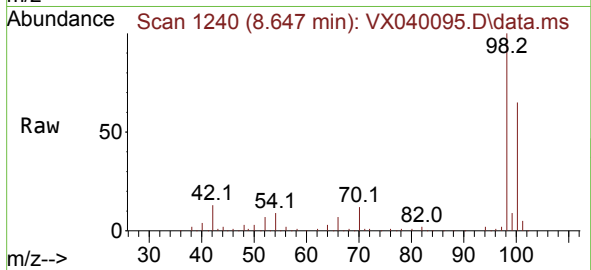




#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

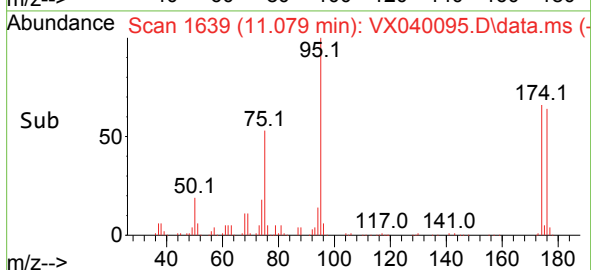
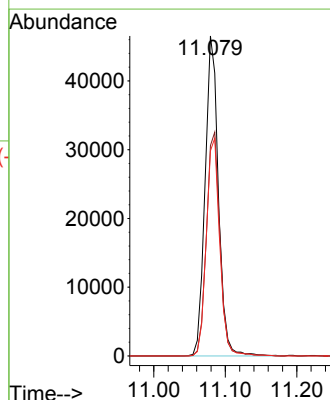
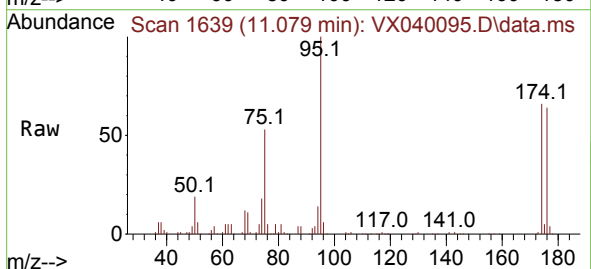
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-DUP-20240131

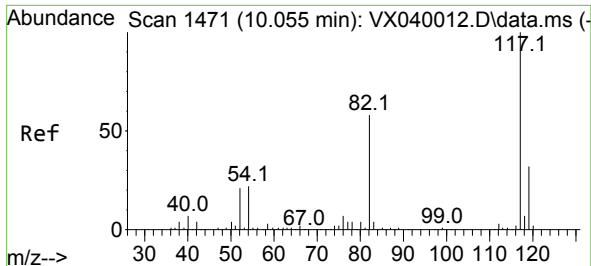
Tgt Ion: 43 Resp: 805
Ion Ratio Lower Upper
43 100
58 171.6 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Tgt Ion: 95 Resp: 60379
Ion Ratio Lower Upper
95 100
174 71.1 0.0 135.6
176 68.6 0.0 131.0

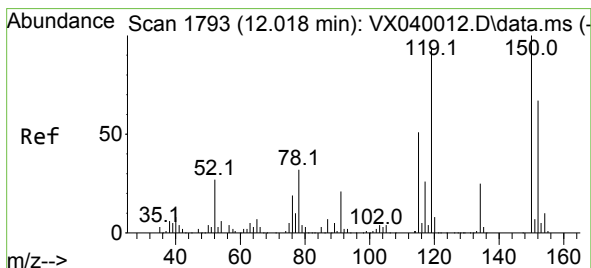
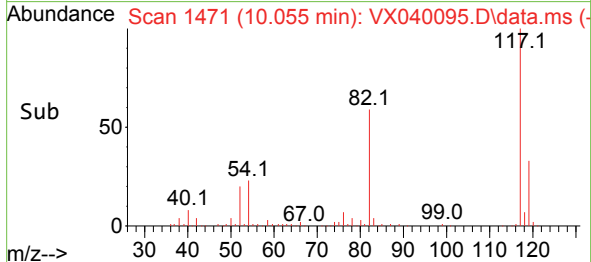
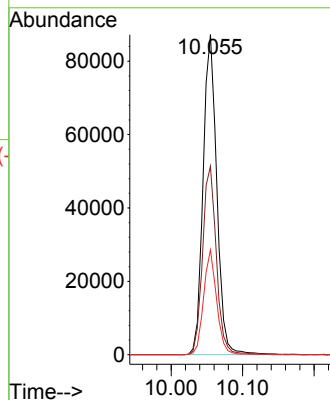
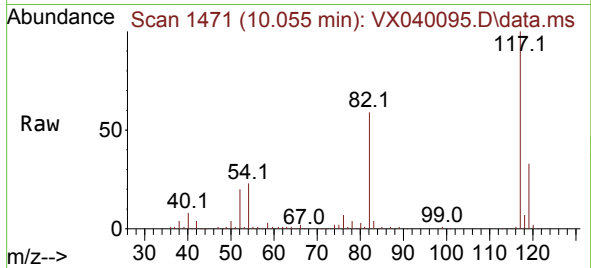




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

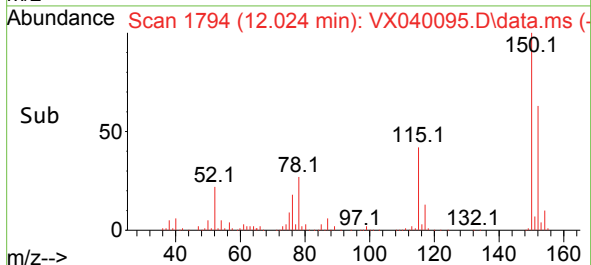
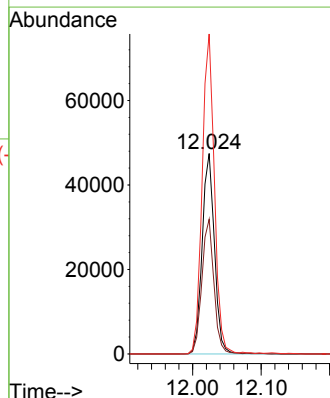
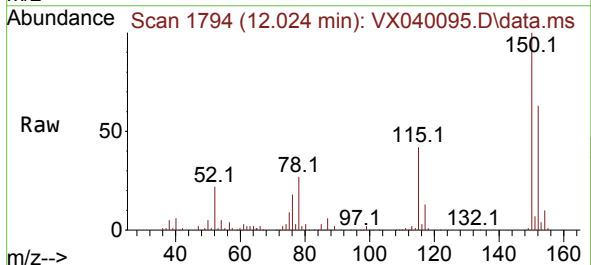
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-DUP-20240131

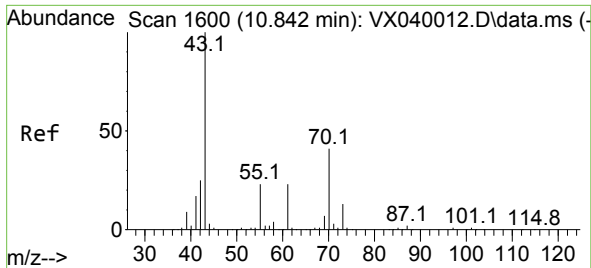
Tgt Ion:	117	Resp:	116176
Ion	Ratio	Lower	Upper
117	100		
82	58.9	46.2	69.4
119	32.7	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Tgt Ion:	152	Resp:	59534
Ion	Ratio	Lower	Upper
152	100		
115	66.1	43.3	129.9
150	157.4	0.0	345.0

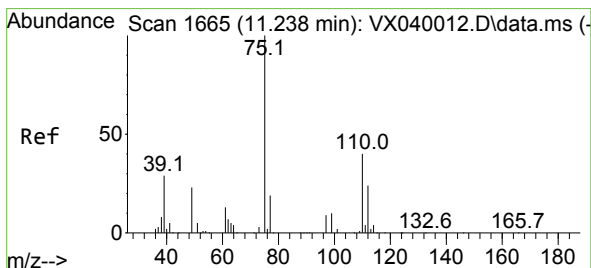
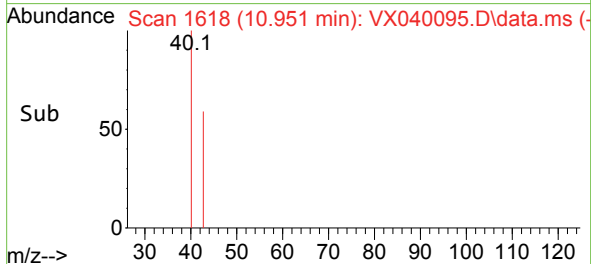
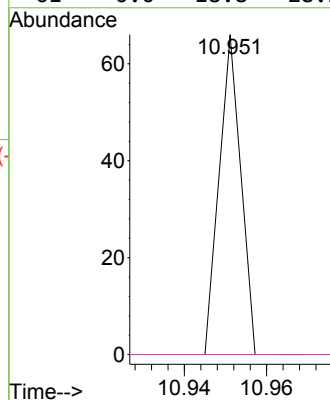
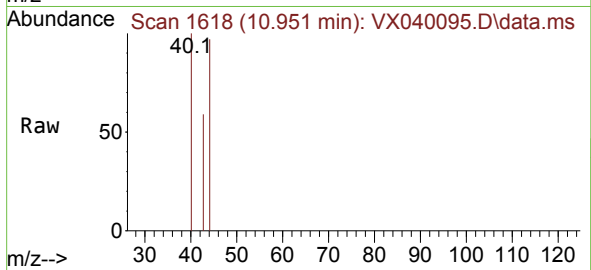




#74
N-amy1 acetate
Concen: 0.211 ug/l
RT: 10.951 min Scan# 1618
Delta R.T. 0.109 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

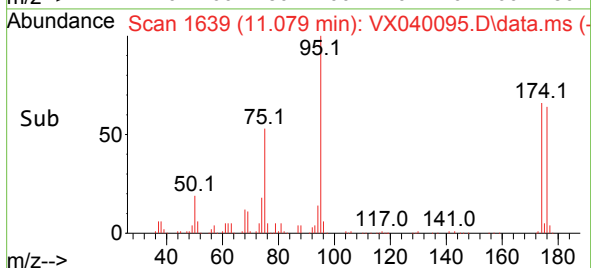
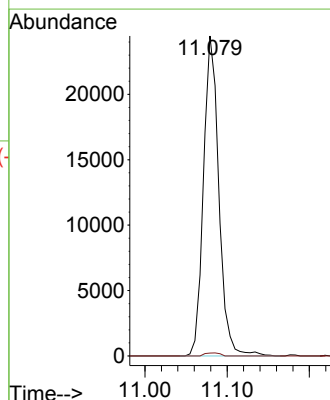
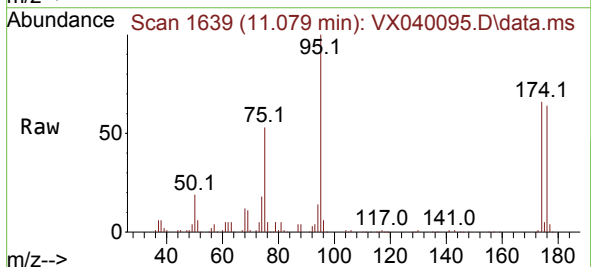
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-DUP-20240131

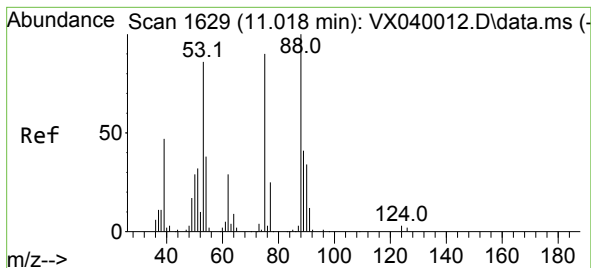
Tgt Ion: 43	Resp: 24
Ion Ratio	Lower Upper
43 100	
70 0.0	32.9 49.3#
55 0.0	19.3 28.9#
61 0.0	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 25.089 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Tgt Ion: 75	Resp: 31808
Ion Ratio	Lower Upper
75 100	
77 0.9	19.1 57.5#

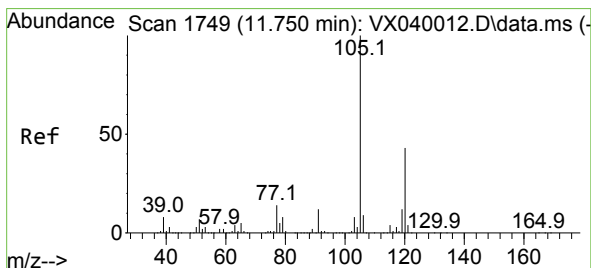
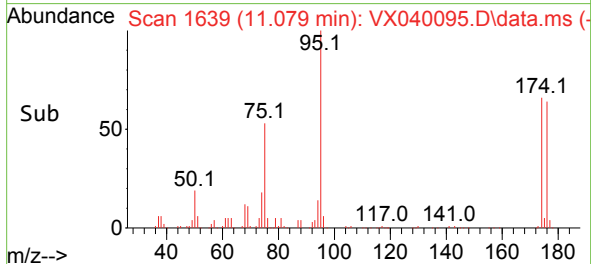
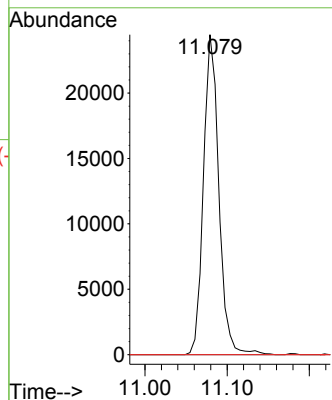
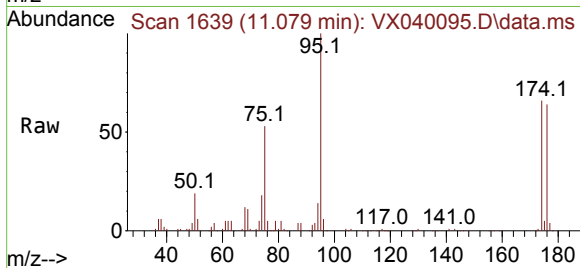




#81
trans-1,4-Dichloro-2-butene
Concen: 74.141 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-DUP-20240131

Tgt Ion: 75 Resp: 31808
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.206 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040095.D
Acq: 02 Feb 2024 18:20

Tgt Ion: 105 Resp: 756
Ion Ratio Lower Upper
105 100
120 44.0 21.2 63.6

