

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031206.D
 Acq On : 08 Sep 2022 12:13
 Operator : JC/MD
 Sample : N4373-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE114D2-20220825

Quant Time: Sep 08 14:01:02 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)

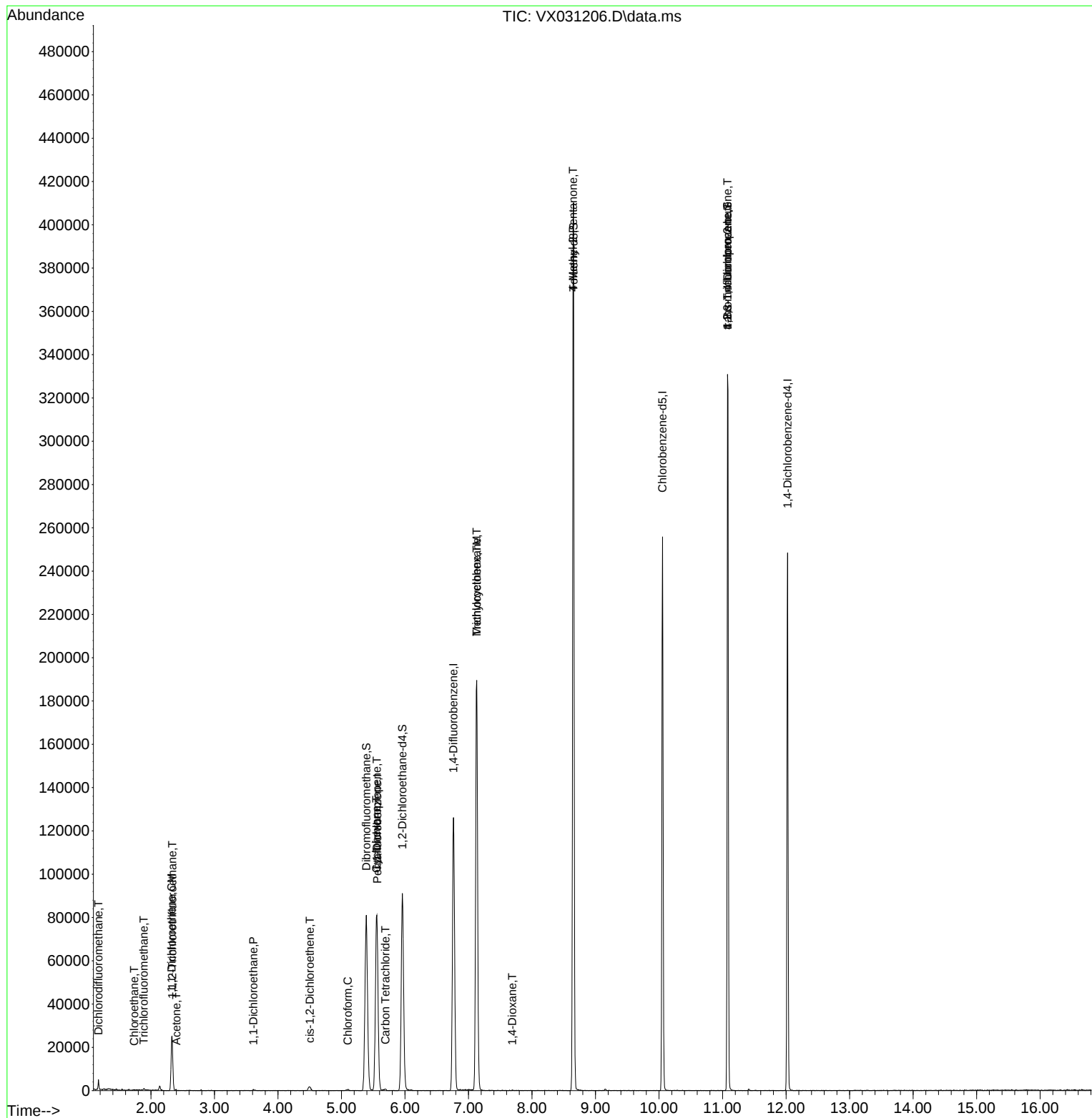
Internal Standards						
1) Pentafluorobenzene	5.562	168	67248	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	126183	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98657	61.965	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.940%			
35) Dibromofluoromethane	5.391	113	69772	50.741	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	8.653	98	247037	49.448	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.900%			
62) 4-Bromofluorobenzene	11.079	95	94092	51.393	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.780%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	579	0.536	ug/l #	58
6) Chloroethane	1.733	64	175	0.318	ug/l #	41
7) Trichlorofluoromethane	1.886	101	466	0.218	ug/l #	61
9) 1,1,2-Trichlorotrifluo...	2.337	101	9243	7.652	ug/l	93
12) 1,1-Dichloroethene	2.325	96	782	0.689	ug/l #	68
16) Acetone	2.398	43	215	0.390	ug/l #	40
24) 1,1-Dichloroethane	3.611	63	757	0.356	ug/l #	82
27) cis-1,2-Dichloroethene	4.501	96	1321	0.915	ug/l	91
30) Chloroform	5.099	83	733	0.292	ug/l #	83
31) Cyclohexane	5.550	56	1856	1.043	ug/l #	45
36) 1,1-Dichloropropene	5.556	75	6576	3.193	ug/l #	45
38) Carbon Tetrachloride	5.690	117	756	0.349	ug/l #	36
39) Methylcyclohexane	7.129	83	876	0.372	ug/l #	1
44) Trichloroethene	7.129	130	72416	46.053	ug/l	92
49) 1,4-Dioxane	7.690	88	68	1.756	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	968	0.549	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	50418	38.265	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	50418	123.399	ug/l #	12

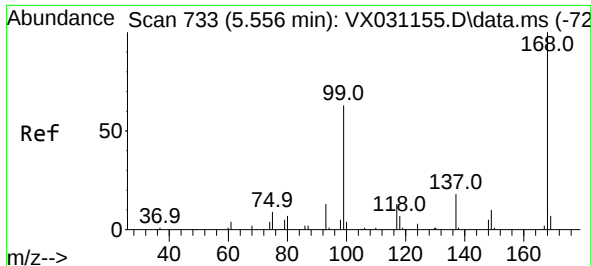
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE114D2-20220825

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
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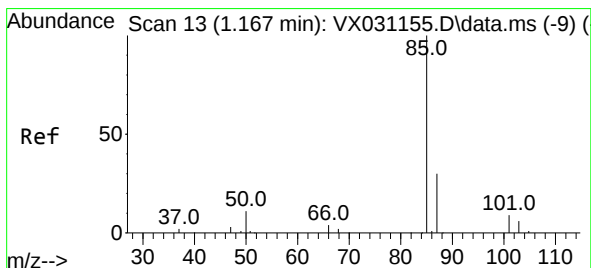
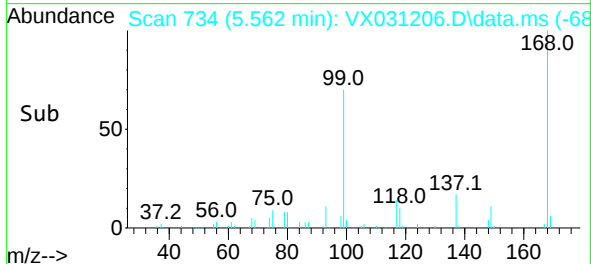
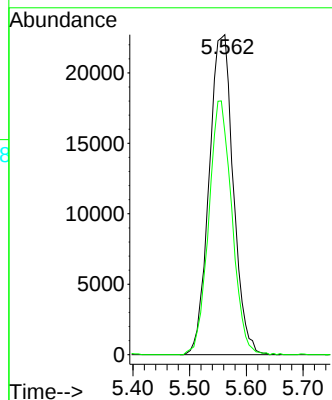
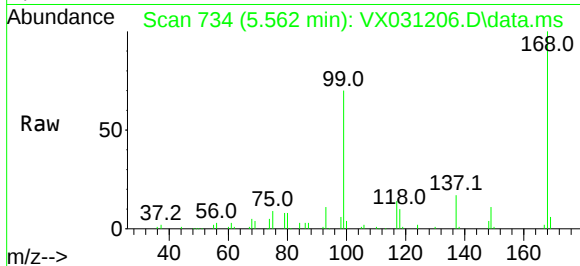




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

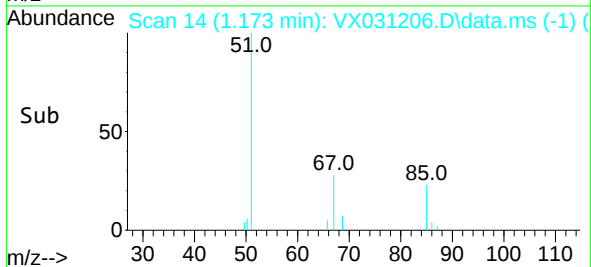
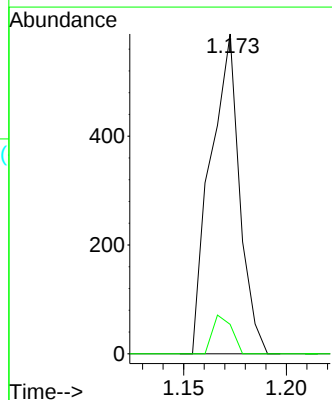
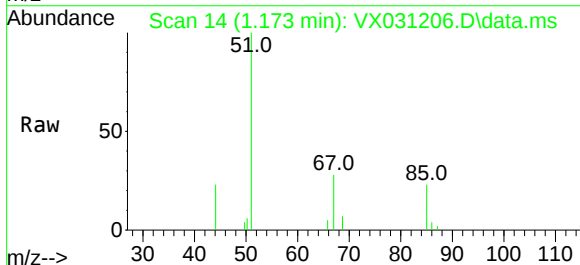
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825

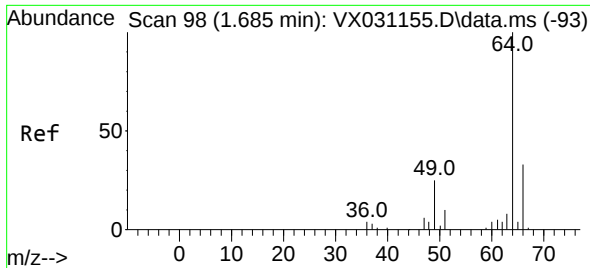
Tgt Ion:168 Resp: 67248
Ion Ratio Lower Upper
168 100
99 69.5 44.0 66.0#



#2
Dichlorodifluoromethane
Concen: 0.536 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion: 85 Resp: 579
Ion Ratio Lower Upper
85 100
87 9.2 16.5 49.5#

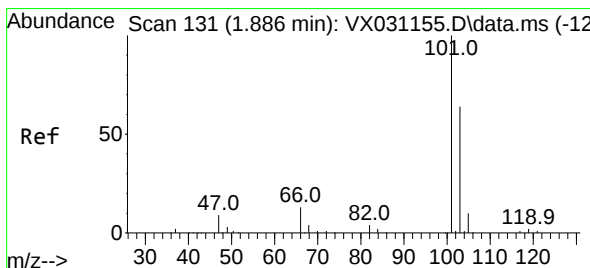
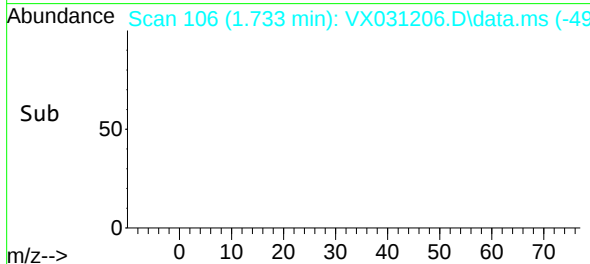
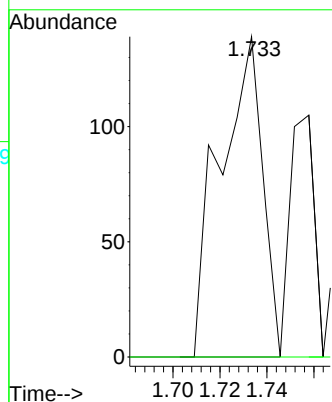
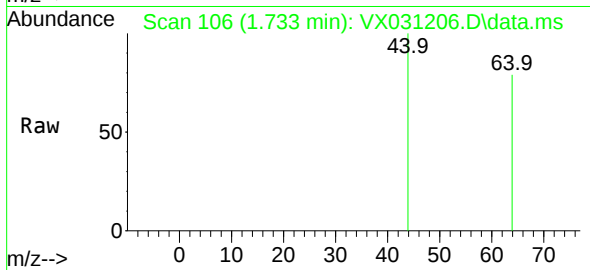




#6
Chloroethane
Concen: 0.318 ug/l
RT: 1.733 min Scan# 106
Delta R.T. 0.049 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

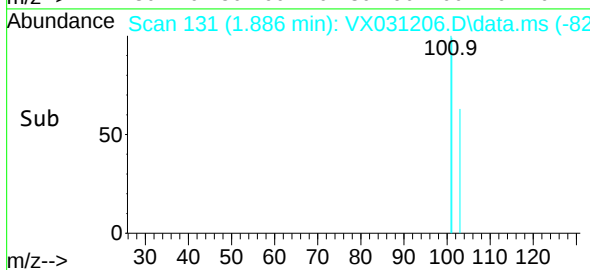
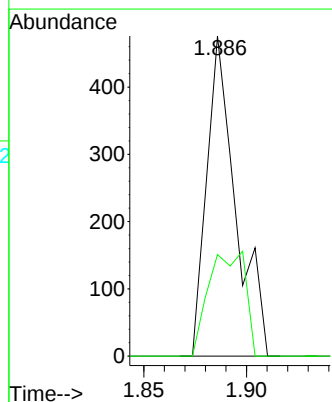
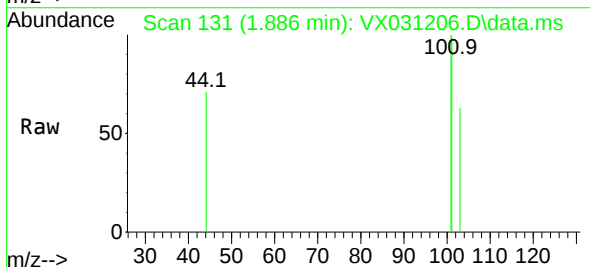
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825

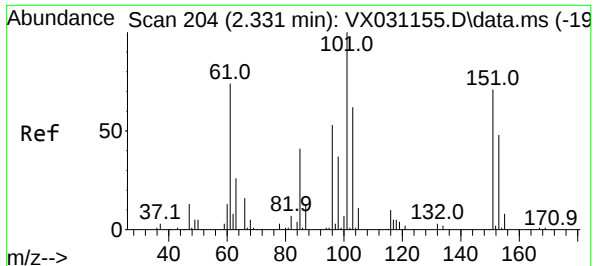
Tgt Ion: 64 Resp: 175
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#7
Trichlorofluoromethane
Concen: 0.218 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion:101 Resp: 466
Ion Ratio Lower Upper
101 100
103 31.7 49.7 74.5#

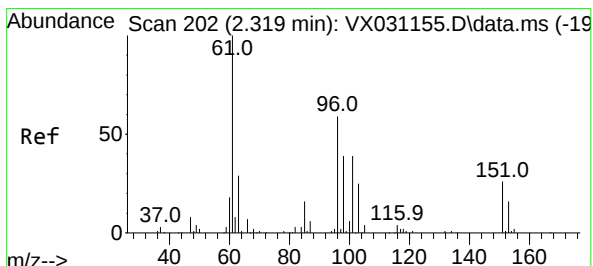
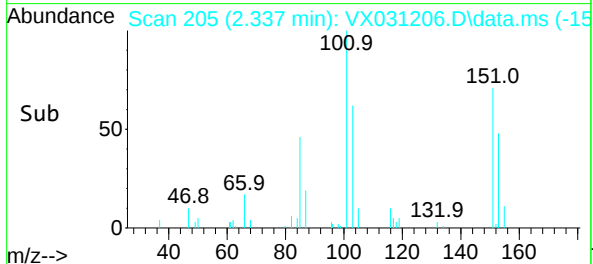
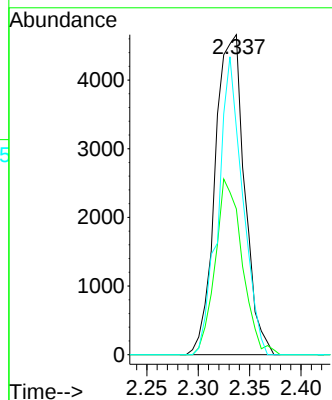
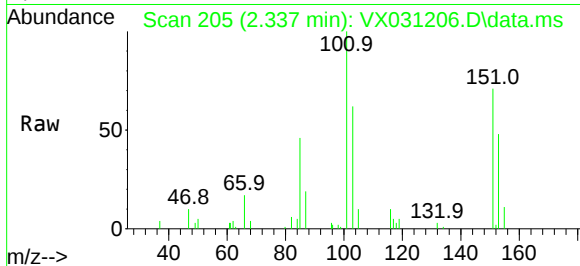




#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.652 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

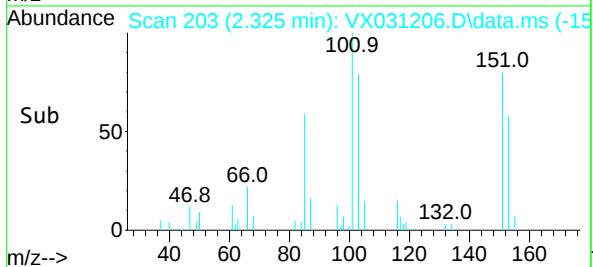
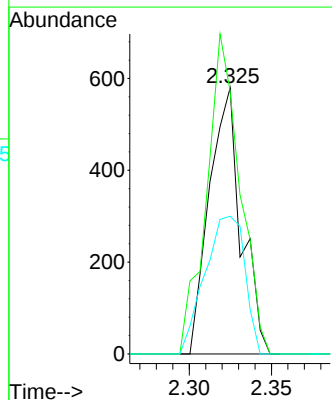
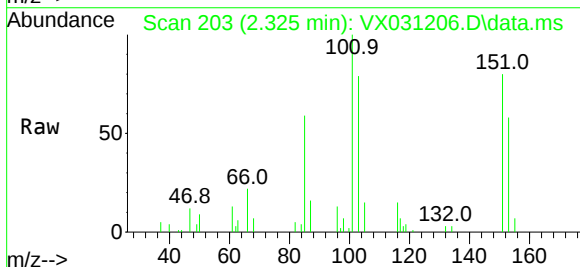
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825

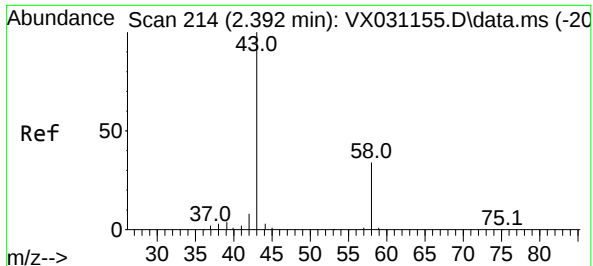
Tgt Ion:101 Resp: 9243
Ion Ratio Lower Upper
101 100
85 50.5 34.0 51.0
151 77.5 59.4 89.0



#12
1,1-Dichloroethene
Concen: 0.689 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion: 96 Resp: 782
Ion Ratio Lower Upper
96 100
61 98.6 117.4 176.0#
98 51.7 52.2 78.4#

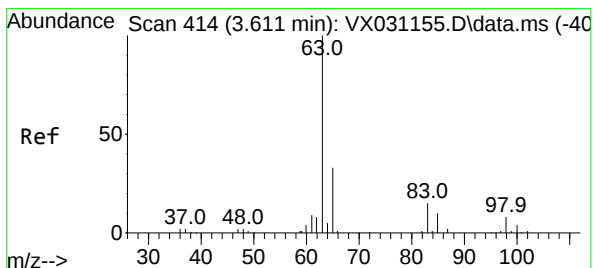
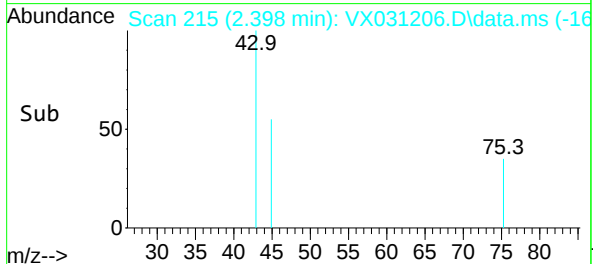
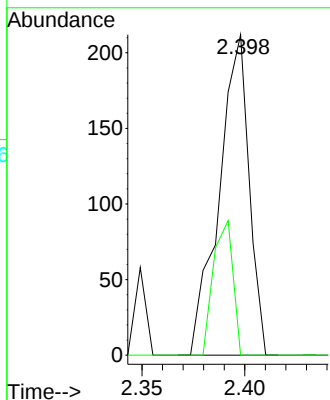
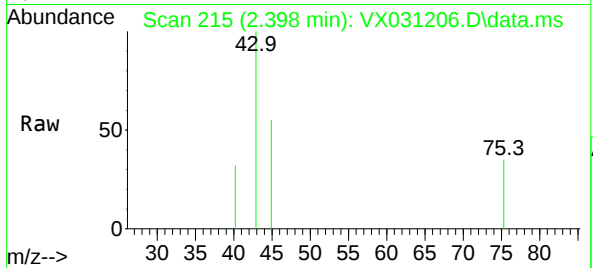




#16
Acetone
Concen: 0.390 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

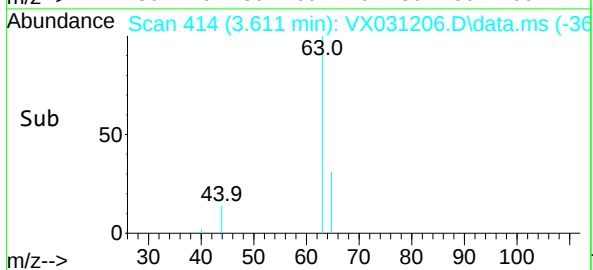
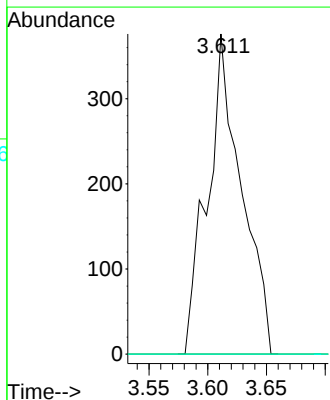
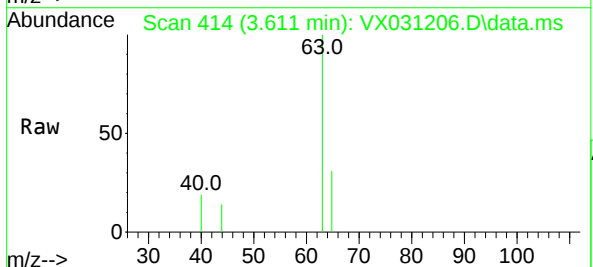
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825

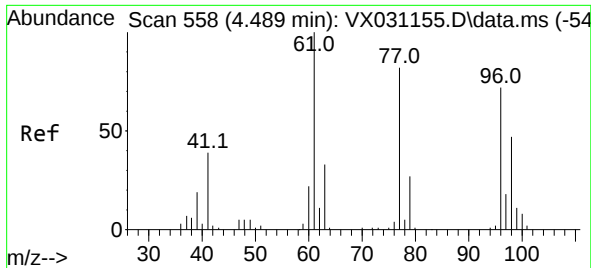
Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#24
1,1-Dichloroethane
Concen: 0.356 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion: 63 Resp: 757
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.5#
100 0.0 2.3 6.9#

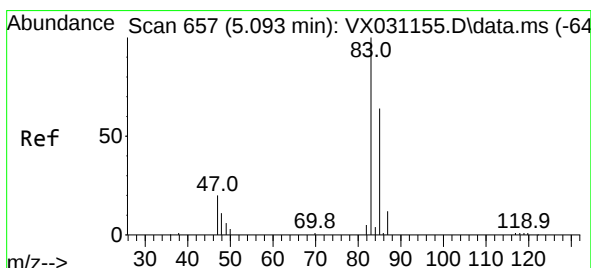
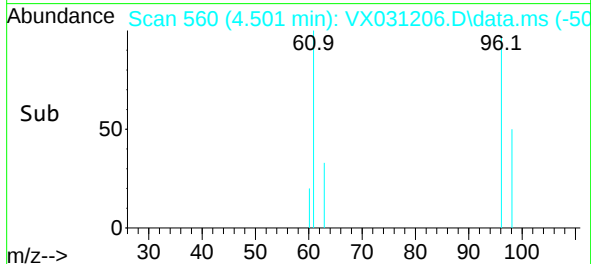
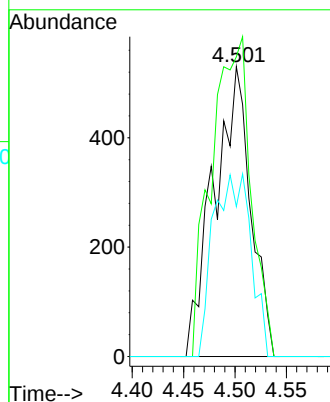
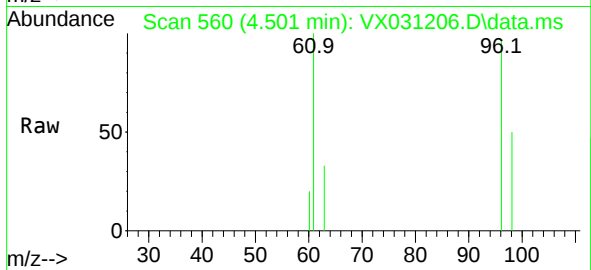




#27
 cis-1,2-Dichloroethene
 Concen: 0.915 ug/l
 RT: 4.501 min Scan# 501
 Delta R.T. 0.012 min
 Lab File: VX031206.D
 Acq: 08 Sep 2022 12:13

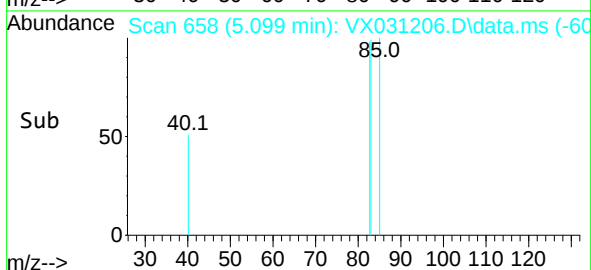
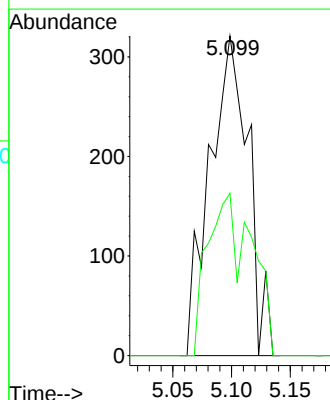
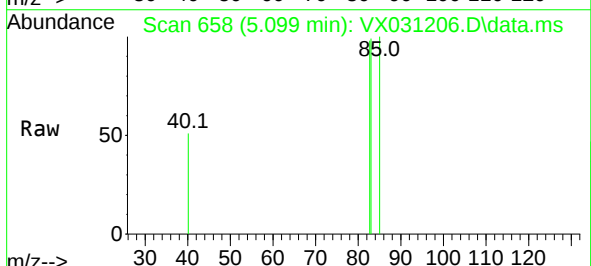
Instrument :
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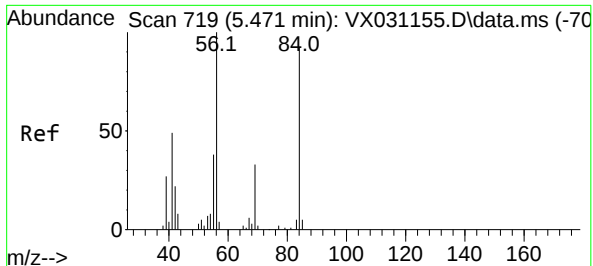
Tgt Ion: 96	Resp:	1321	
Ion	Ratio	Lower	Upper
96	100		
61	118.5	0.0	270.0
98	63.9	0.0	127.8



#30
 Chloroform
 Concen: 0.292 ug/l
 RT: 5.099 min Scan# 658
 Delta R.T. 0.006 min
 Lab File: VX031206.D
 Acq: 08 Sep 2022 12:13

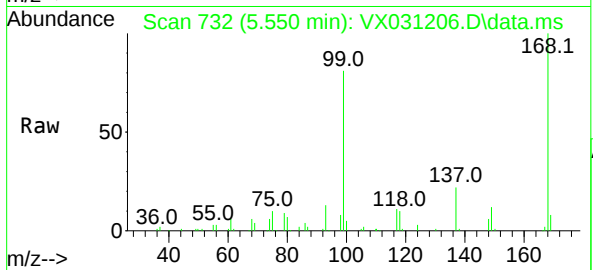
Tgt Ion: 83	Resp:	733	
Ion	Ratio	Lower	Upper
83	100		
85	50.8	51.5	77.3#



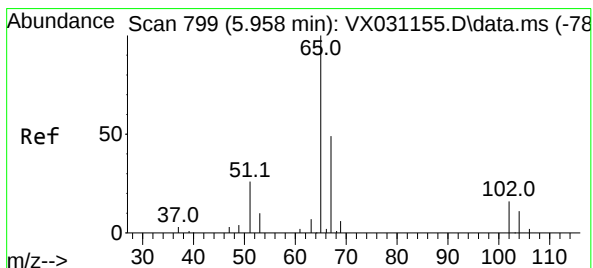
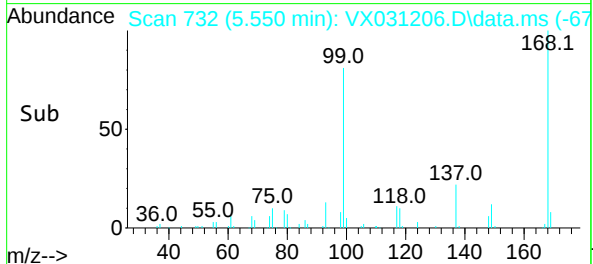
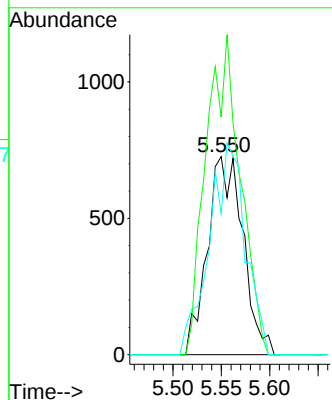


#31
Cyclohexane
Concen: 1.043 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Instrument :
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ClientSampleId :
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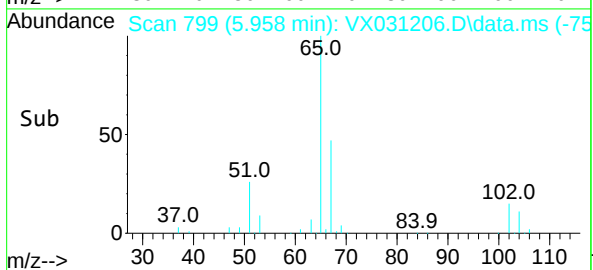
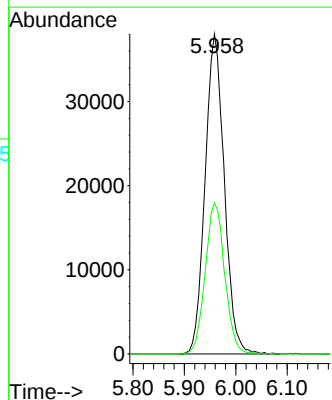
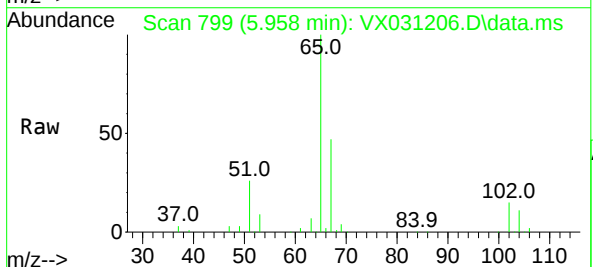


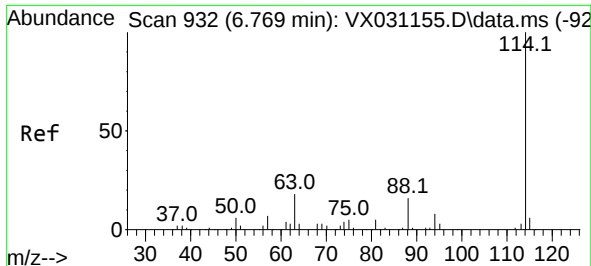
Tgt Ion: 56 Resp: 1856
Ion Ratio Lower Upper
56 100
69 120.0 25.4 38.0#
84 71.2 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 61.965 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion: 65 Resp: 98657
Ion Ratio Lower Upper
65 100
67 48.1 0.0 109.6

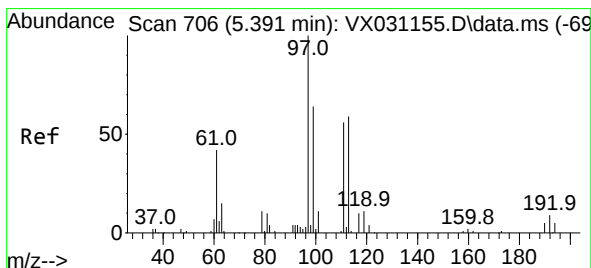
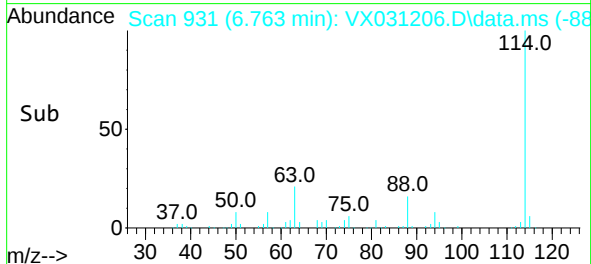
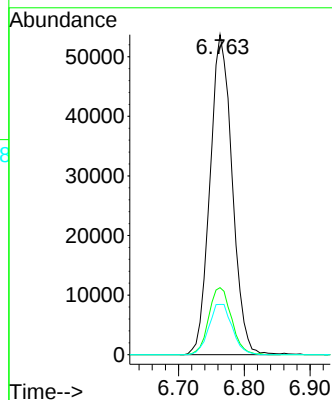
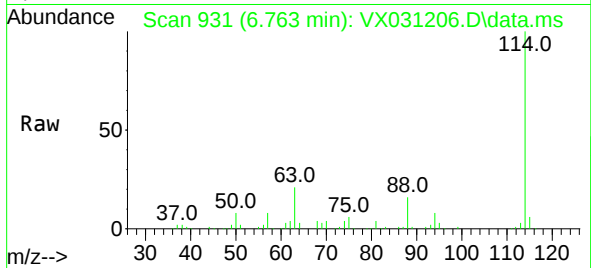




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

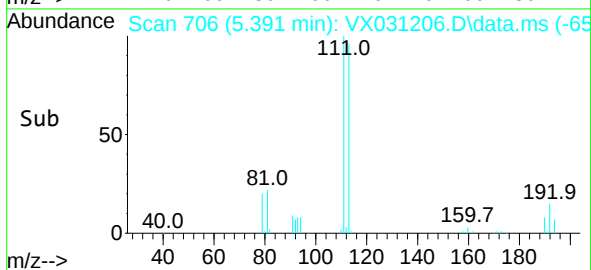
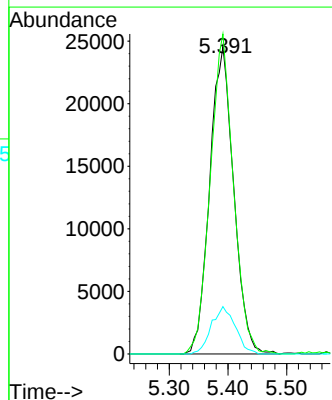
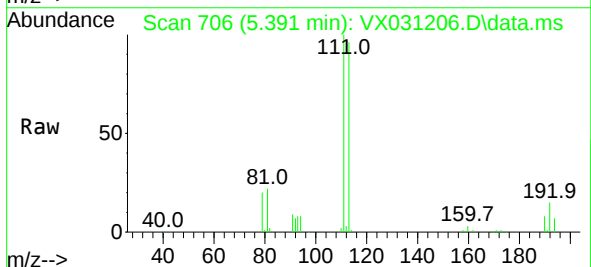
Instrument :
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ClientSampleId :
RE114D2-20220825

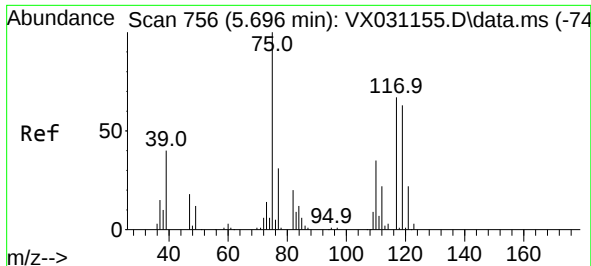
Tgt Ion:114 Resp: 126183
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.741 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

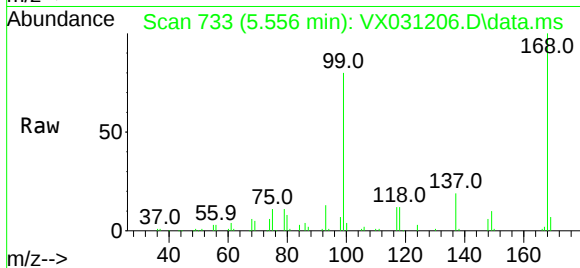
Tgt Ion:113 Resp: 69772
Ion Ratio Lower Upper
113 100
111 100.6 83.2 124.8
192 15.4 14.8 22.2



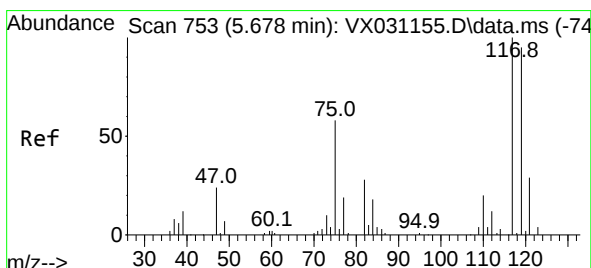
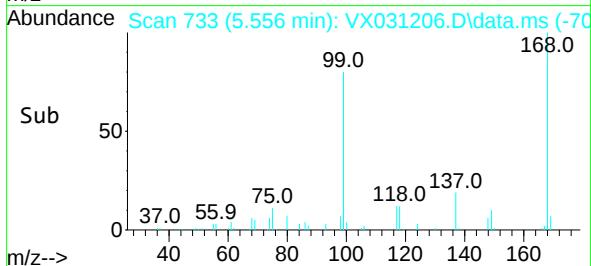
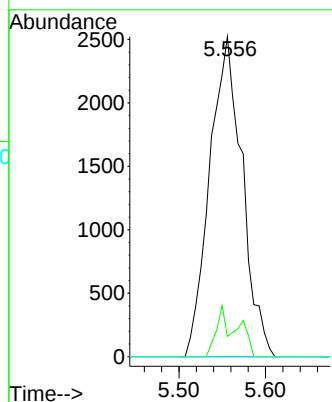


#36
1,1-Dichloropropene
Concen: 3.193 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825

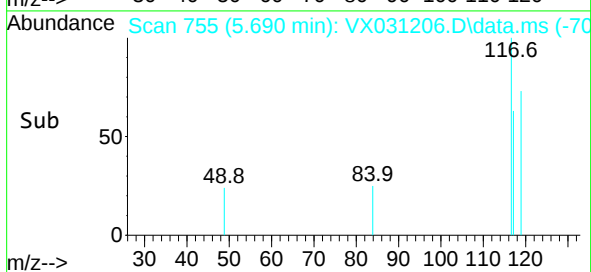
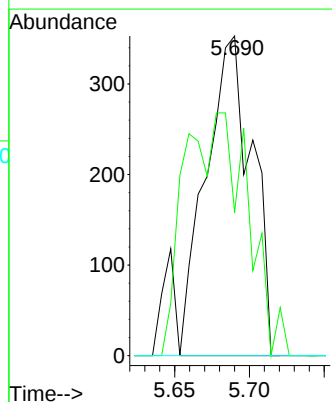
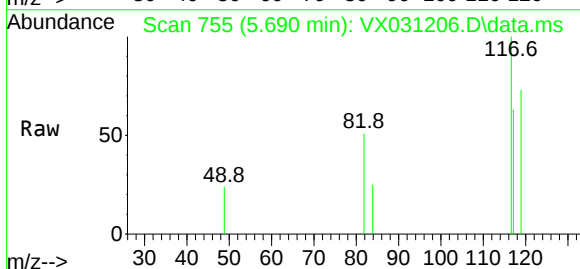


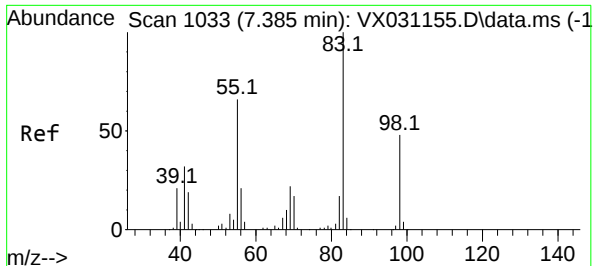
Tgt Ion: 75 Resp: 6576
Ion Ratio Lower Upper
75 100
110 6.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 0.349 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.012 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion: 117 Resp: 756
Ion Ratio Lower Upper
117 100
119 29.7 74.1 111.1#
121 0.0 25.8 38.8#

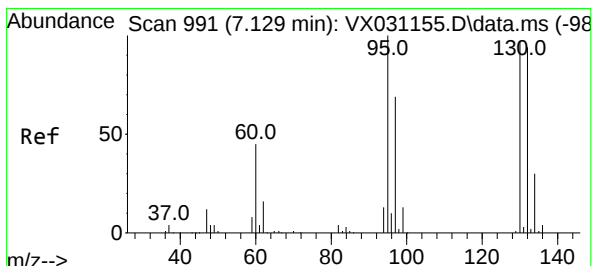
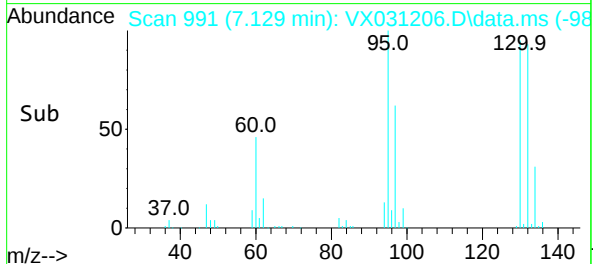
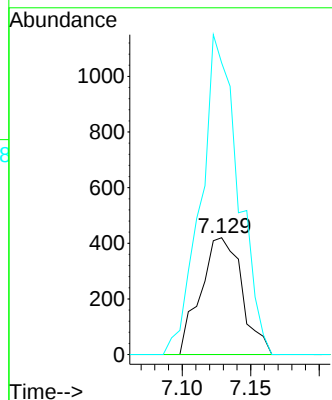
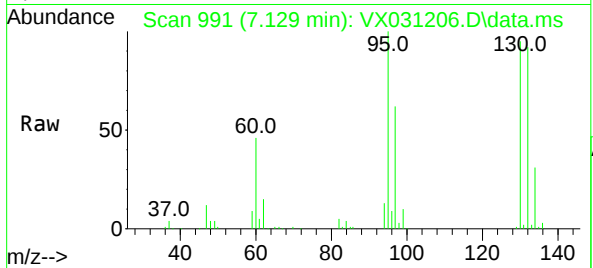




#39
Methylcyclohexane
Concen: 0.372 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

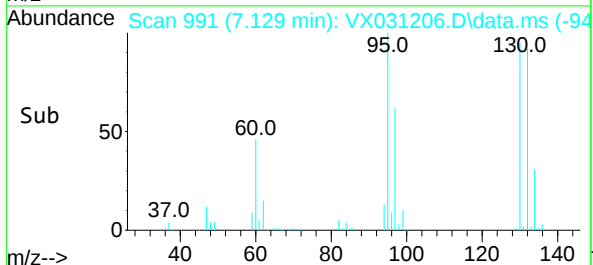
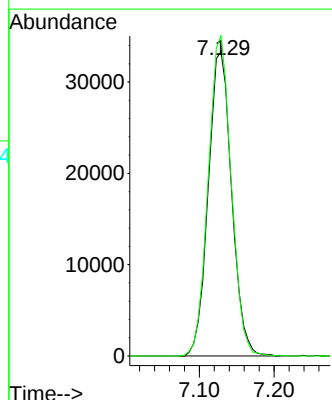
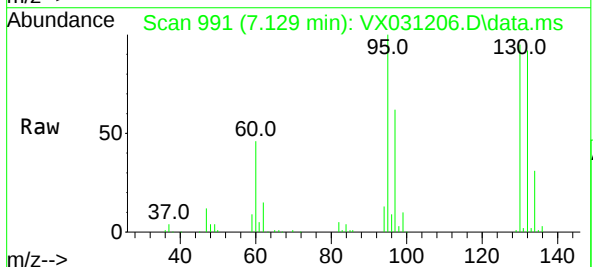
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825

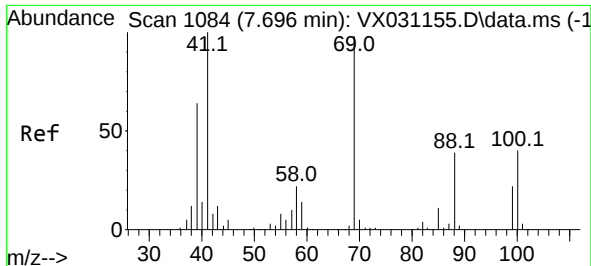
Tgt Ion: 83 Resp: 876
Ion Ratio Lower Upper
83 100
55 0.0 57.7 86.5#
98 249.8 36.5 54.7#



#44
Trichloroethene
Concen: 46.053 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion:130 Resp: 72416
Ion Ratio Lower Upper
130 100
95 105.3 0.0 194.8





#49

1,4-Dioxane

Concen: 1.756 ug/l

RT: 7.690 min Scan# 1084

Delta R.T. -0.006 min

Lab File: VX031206.D

Acq: 08 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

RE114D2-20220825

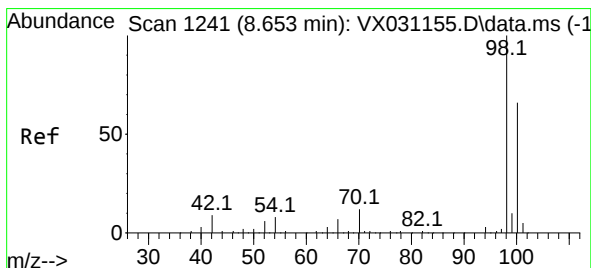
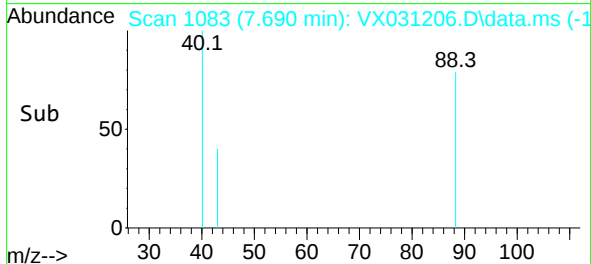
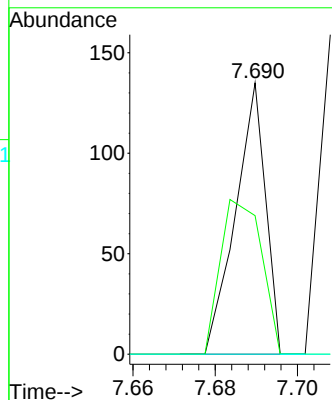
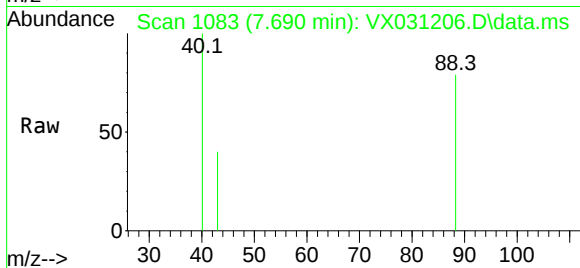
Tgt Ion: 88 Resp: 68

Ion Ratio Lower Upper

88 100

43 77.9 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 49.448 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031206.D

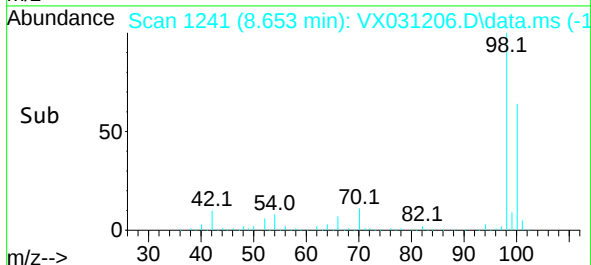
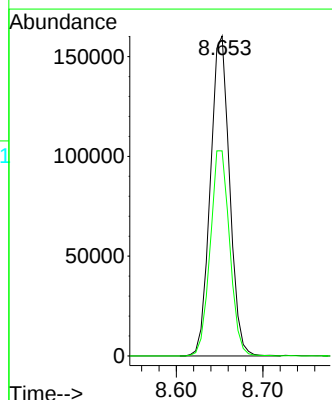
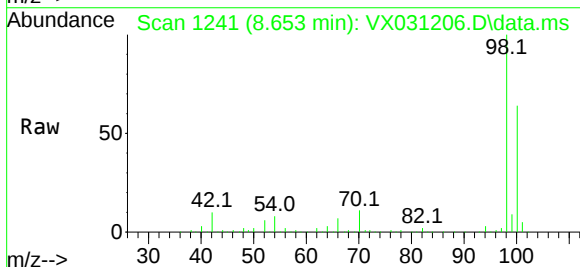
Acq: 08 Sep 2022 12:13

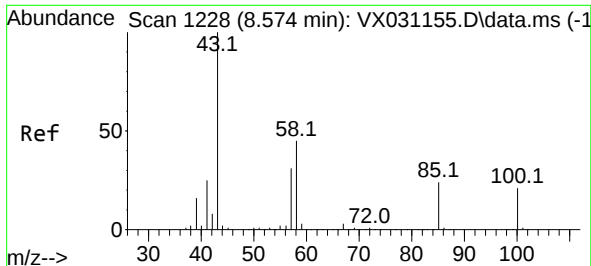
Tgt Ion: 98 Resp: 247037

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5

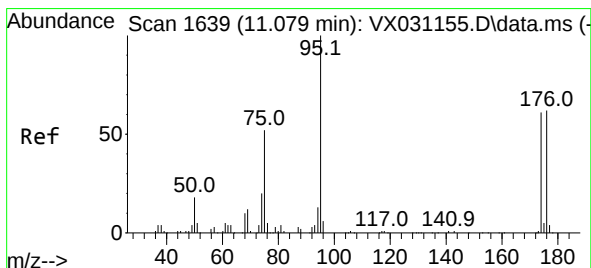
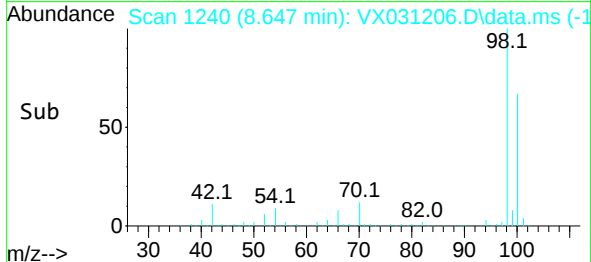
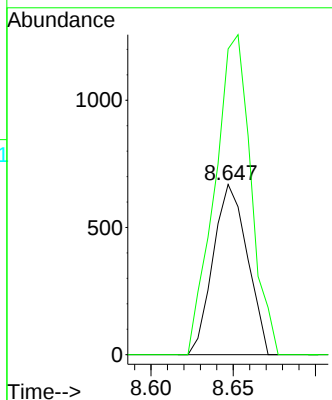
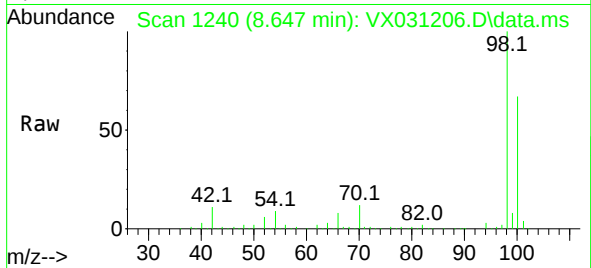




#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

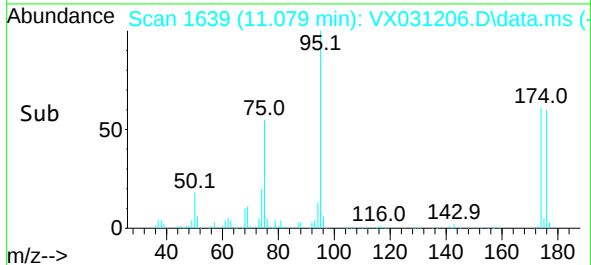
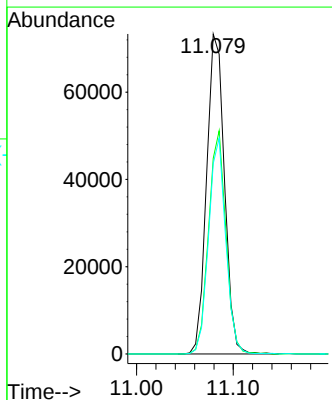
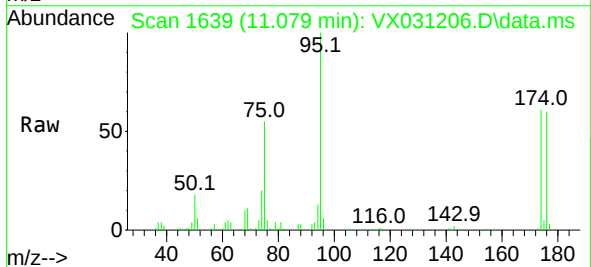
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825

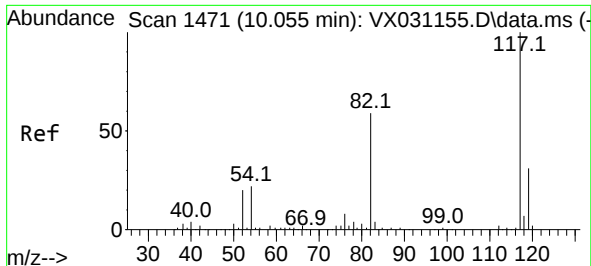
Tgt Ion: 43 Resp: 968
Ion Ratio Lower Upper
43 100
58 199.1 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 51.393 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion: 95 Resp: 94092
Ion Ratio Lower Upper
95 100
174 67.9 0.0 149.0
176 64.8 0.0 146.0

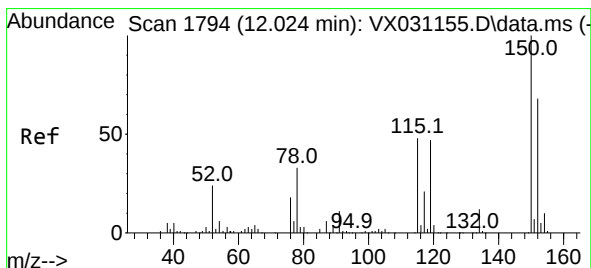
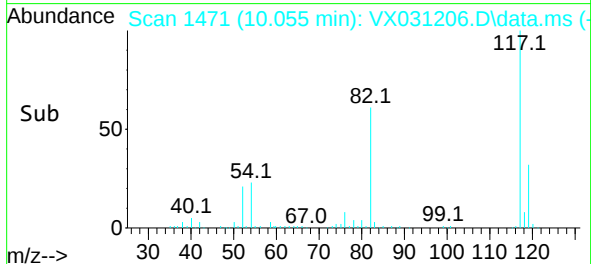
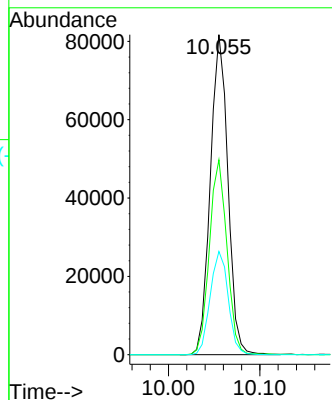
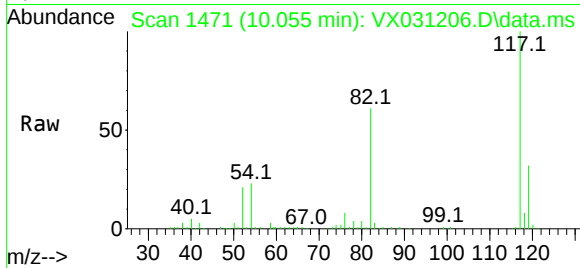




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

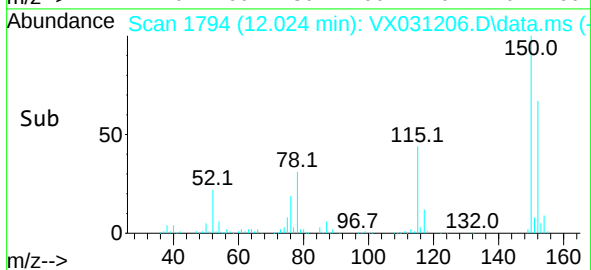
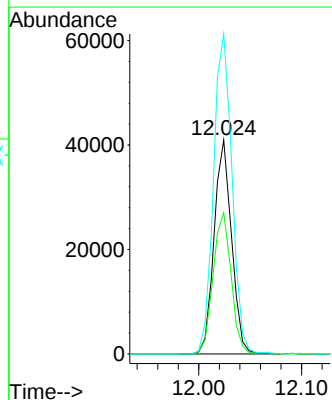
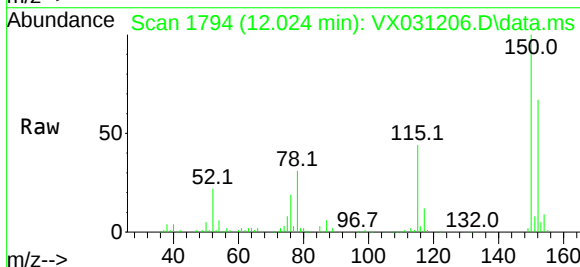
Instrument :
MSVOA_X
ClientSampleId :
RE114D2-20220825

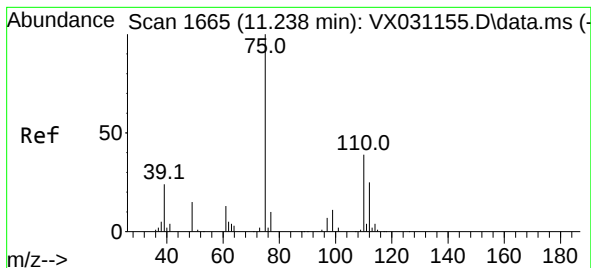
Tgt Ion:117 Resp: 108873
Ion Ratio Lower Upper
117 100
82 60.9 42.7 64.1
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031206.D
Acq: 08 Sep 2022 12:13

Tgt Ion:152 Resp: 48279
Ion Ratio Lower Upper
152 100
115 68.3 40.5 121.5
150 158.3 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 38.265 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX031206.D

Acq: 08 Sep 2022 12:13

Instrument :

MSVOA_X

ClientSampleId :

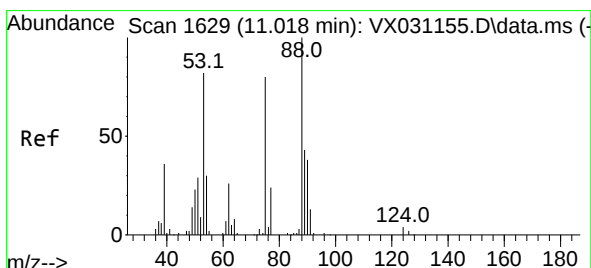
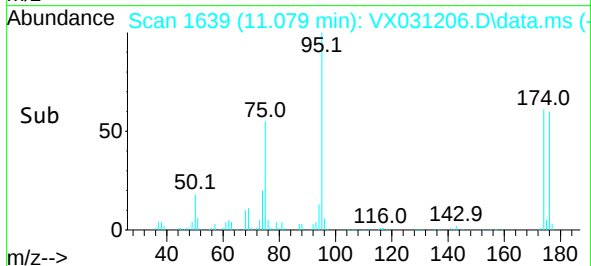
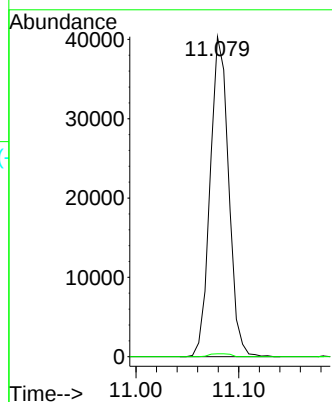
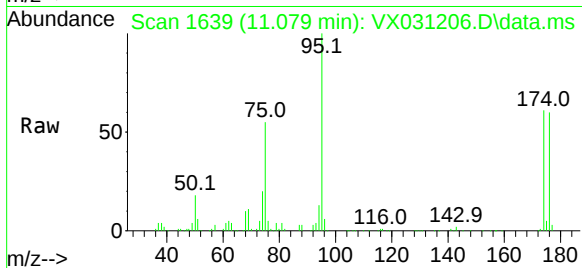
RE114D2-20220825

Tgt Ion: 75 Resp: 50418

Ion Ratio Lower Upper

75 100

77 1.0 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.399 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031206.D

Acq: 08 Sep 2022 12:13

Tgt Ion: 75 Resp: 50418

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

