

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021665.D
 Acq On : 31 Mar 2021 05:45
 Operator : JC/MD
 Sample : M1842-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D1-20210323

Quant Time: Mar 31 06:14:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

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

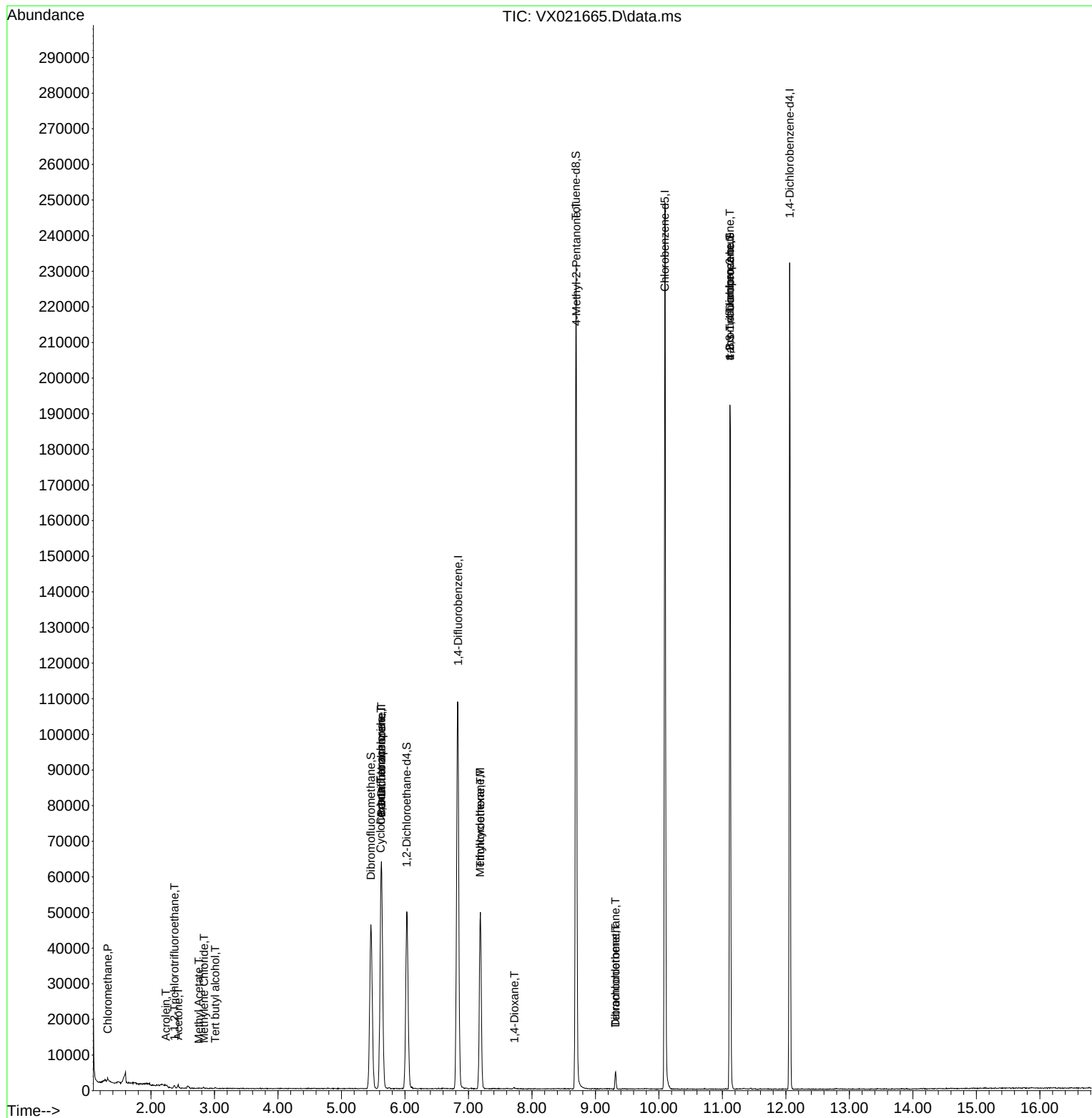
Internal Standards						
1) Pentafluorobenzene	5.629	168	55896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.835	114	103079	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	102818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	43023	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	48789	52.46	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	104.92%
35) Dibromofluoromethane	5.464	113	38002	51.90	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.80%
50) Toluene-d8	8.694	98	130576	50.04	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.08%
62) 4-Bromofluorobenzene	11.118	95	48983	48.29	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.58%
Target Compounds						
					Qvalue	
3) Chloromethane	1.316	50	1372	1.98	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.370	101	303	0.53	ug/l #	83
11) Tert butyl alcohol	3.011	59	190	1.24	ug/l #	73
13) Acrolein	2.234	56	18	4.53	ug/l #	14
16) Acetone	2.428	43	554	1.58	ug/l #	86
18) Methyl Acetate	2.752	43	255	0.25	ug/l #	47
20) Methylene Chloride	2.834	84	157	0.23	ug/l #	54
31) Cyclohexane	5.617	56	1562	1.53	ug/l #	32
36) 1,1-Dichloropropene	5.629	75	5071	5.02	ug/l #	48
38) Carbon Tetrachloride	5.623	117	5943	5.48	ug/l #	18
39) Methylcyclohexane	7.182	83	238	0.21	ug/l #	15
44) Trichloroethene	7.188	130	17790	23.51	ug/l	100
49) 1,4-Dioxane	7.723	88	189	10.44	ug/l #	46
51) 4-Methyl-2-Pentanone	8.700	43	752	0.64	ug/l #	1
60) Dibromochloromethane	9.318	129	719	0.86	ug/l #	11
64) Tetrachloroethene	9.318	164	767	1.11	ug/l	96
76) 1,2,3-Trichloropropane	11.118	75	27665	27.62	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	27665	84.13	ug/l #	12

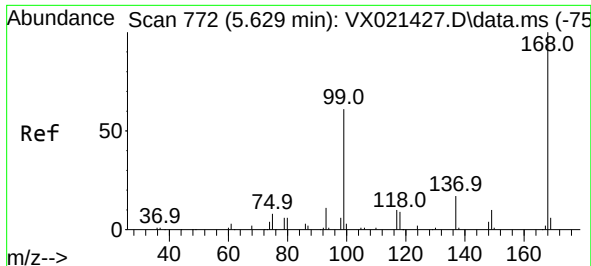
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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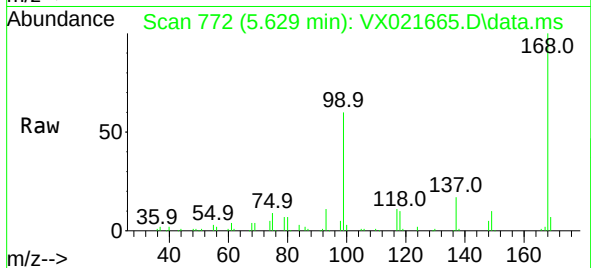
Quant Time: Mar 31 06:14:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
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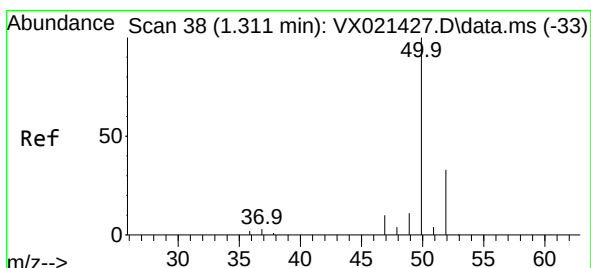
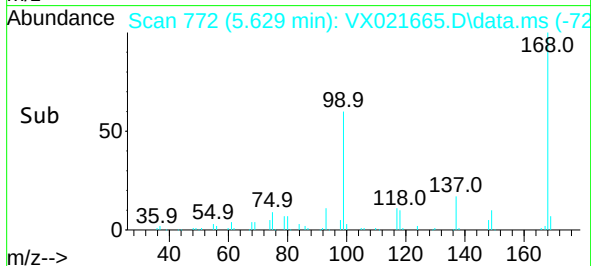
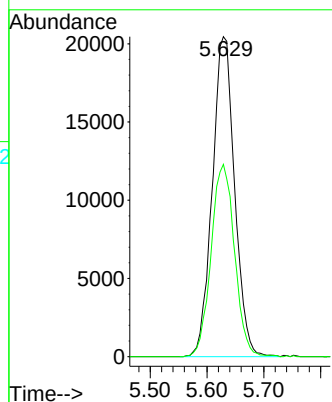


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20210323

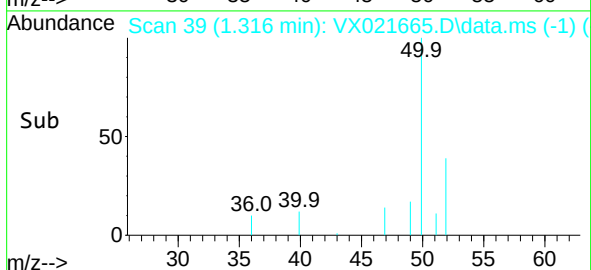
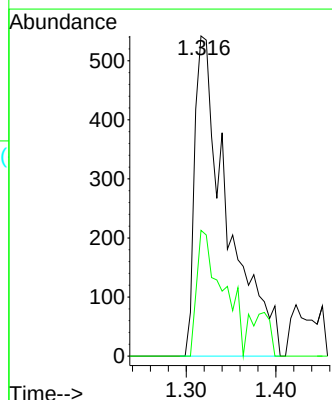
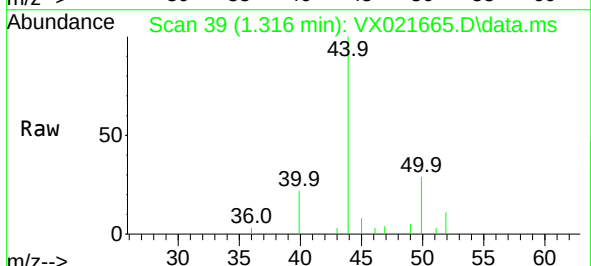


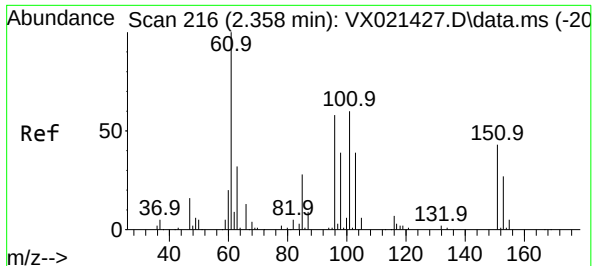
Tgt Ion:168 Resp: 55896
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#3
Chloromethane
Concen: 1.98 ug/l
RT: 1.316 min Scan# 39
Delta R.T. 0.005 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

Tgt Ion: 50 Resp: 1372
Ion Ratio Lower Upper
50 100
52 39.3 26.4 39.6

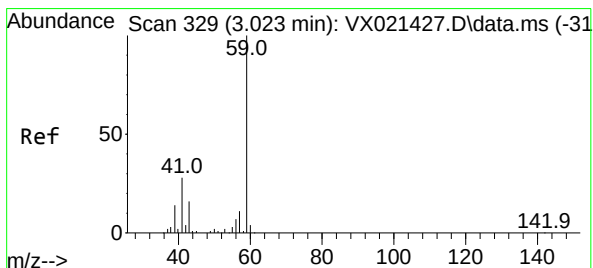
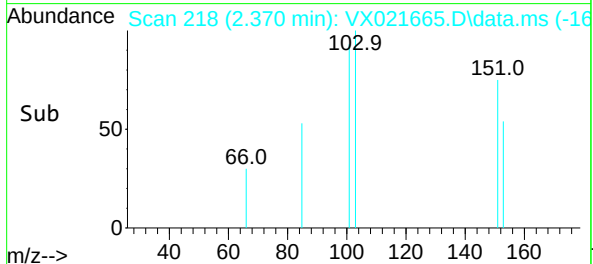
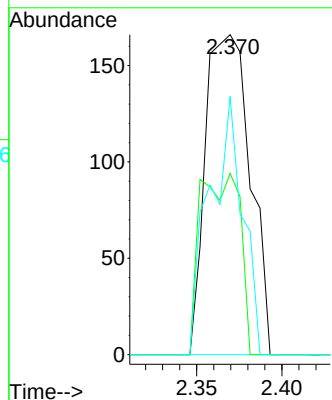
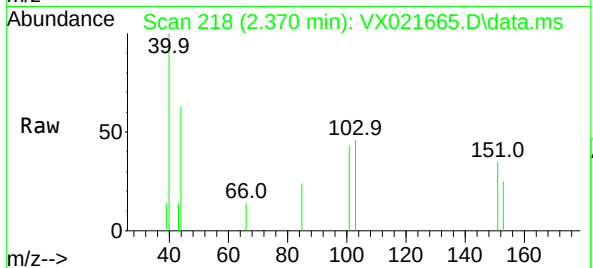




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.53 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.012 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

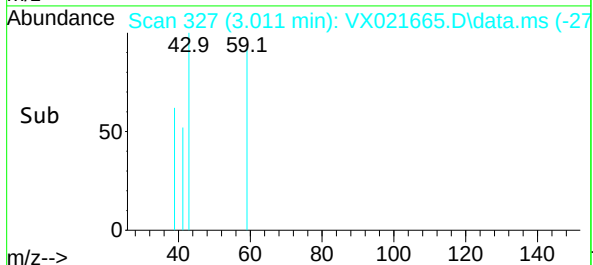
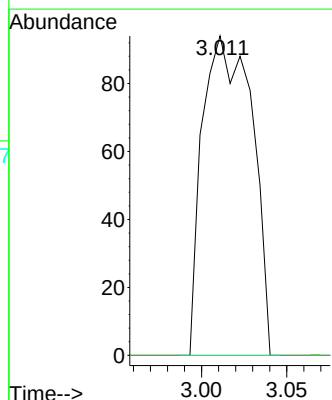
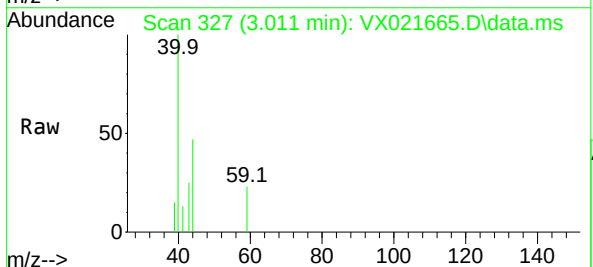
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20210323

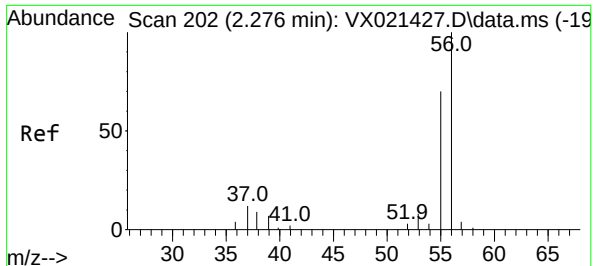
Tgt Ion:101 Resp: 303
Ion Ratio Lower Upper
101 100
85 50.5 34.9 52.3
151 59.4 61.4 92.2#



#11
Tert butyl alcohol
Concen: 1.24 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

Tgt Ion: 59 Resp: 190
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

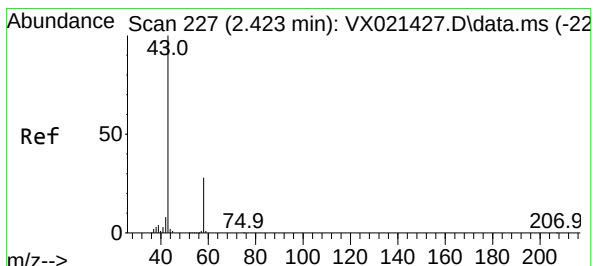
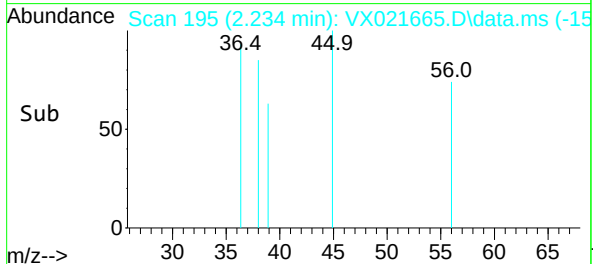
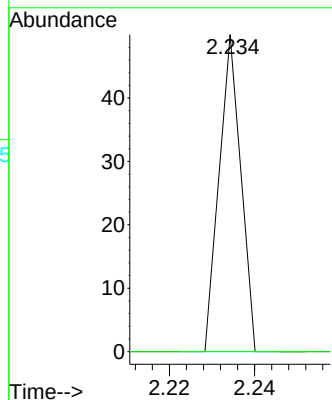
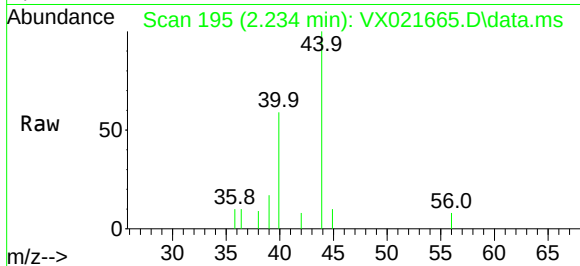




#13
Acrolein
Concen: 4.53 ug/l
RT: 2.234 min Scan# 195
Delta R.T. -0.042 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

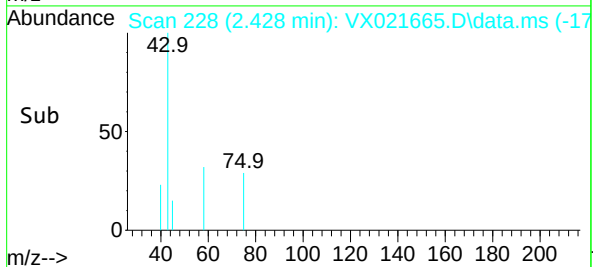
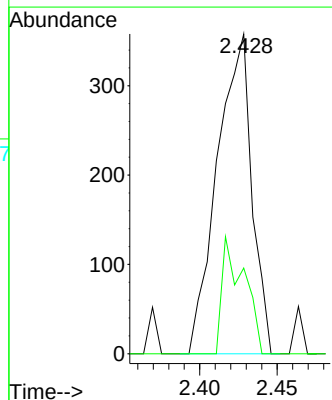
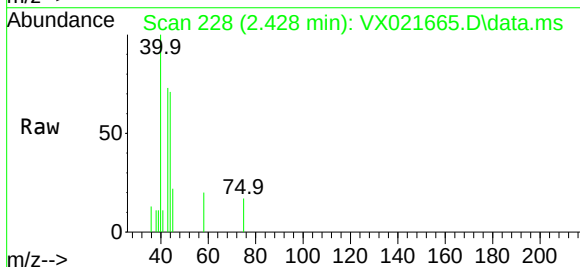
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20210323

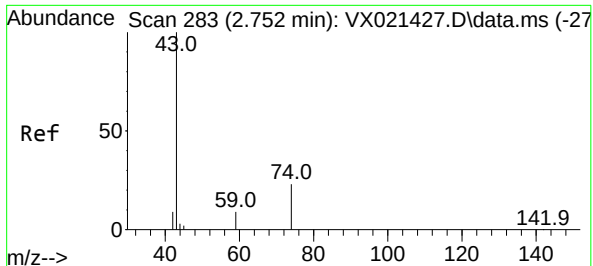
Tgt Ion: 56 Resp: 18
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.58 ug/l
RT: 2.428 min Scan# 228
Delta R.T. 0.005 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
58 26.8 27.8 41.8#





#18

Methyl Acetate

Concen: 0.25 ug/l

RT: 2.752 min Scan# 283

Delta R.T. -0.000 min

Lab File: VX021665.D

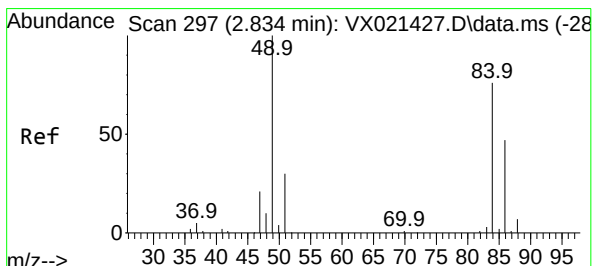
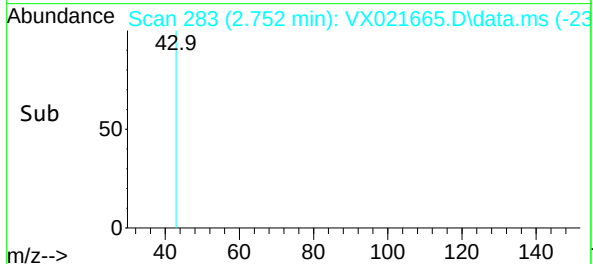
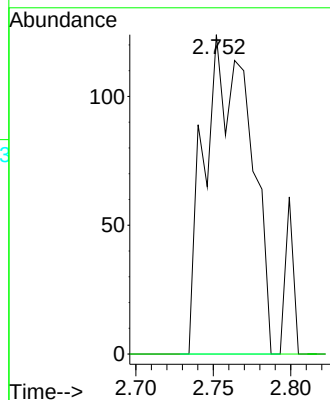
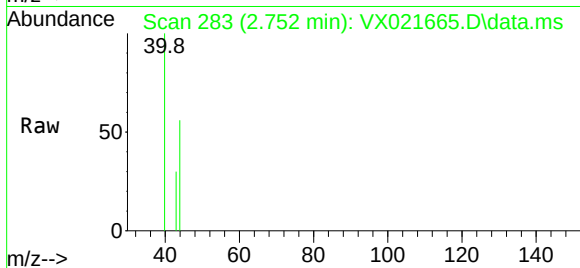
Acq: 31 Mar 2021 05:45

Tgt Ion: 43 Resp: 255

Ion Ratio Lower Upper

43 100

74 0.0 21.9 32.9#



#20

Methylene Chloride

Concen: 0.23 ug/l

RT: 2.834 min Scan# 297

Delta R.T. 0.000 min

Lab File: VX021665.D

Acq: 31 Mar 2021 05:45

Tgt Ion: 84 Resp: 157

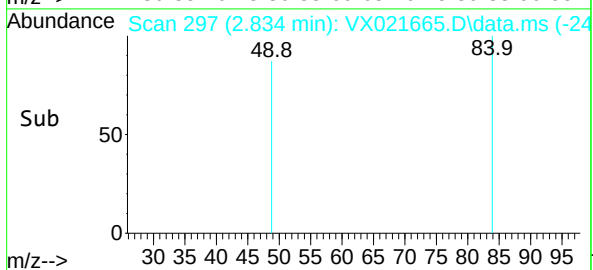
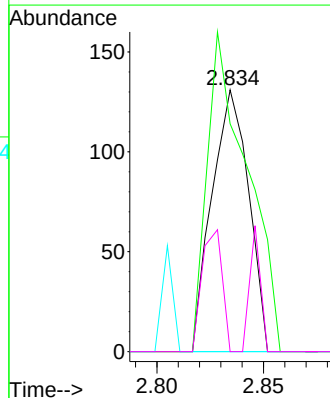
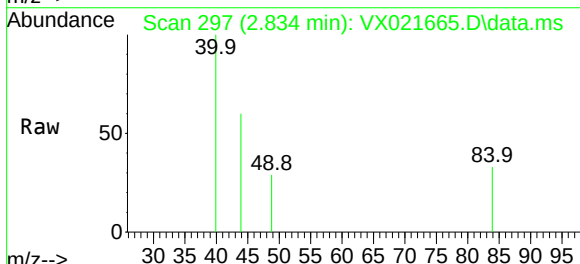
Ion Ratio Lower Upper

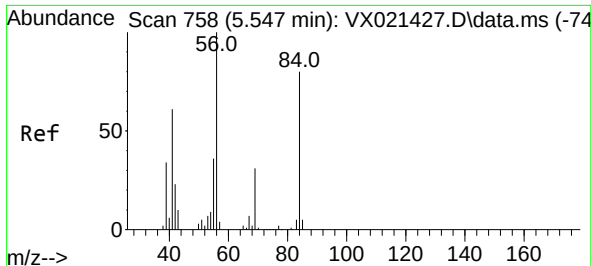
84 100

49 87.0 88.6 132.8#

51 0.0 27.0 40.6#

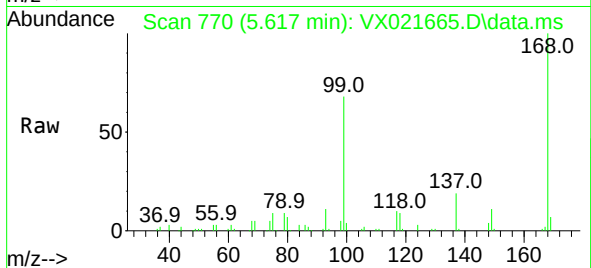
86 0.0 50.3 75.5#



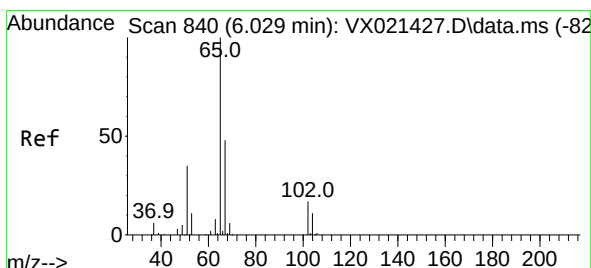
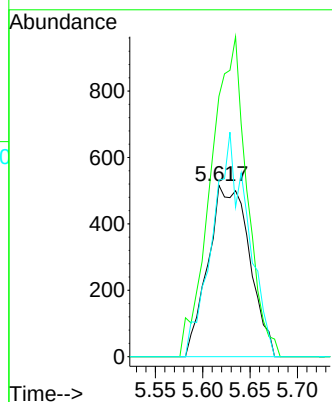
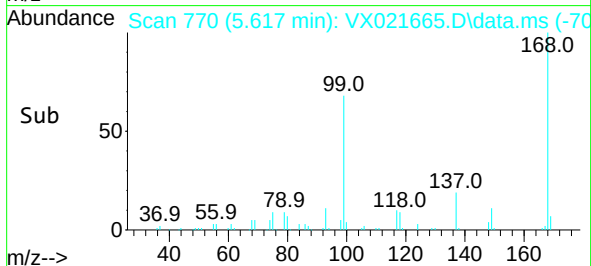


#31
Cyclohexane
Concen: 1.53 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

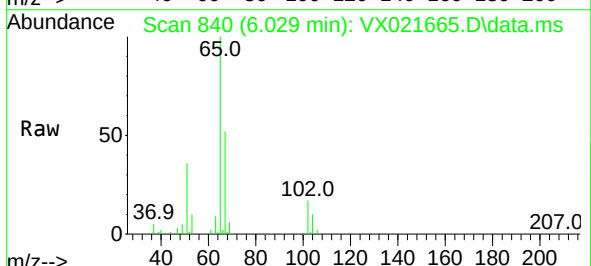
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ClientSampleId :
RE109D1-20210323



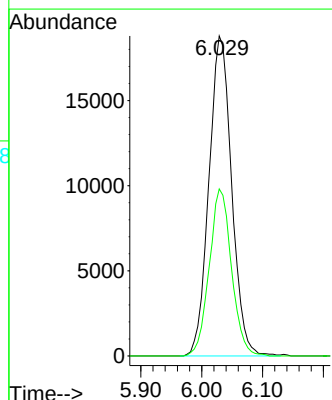
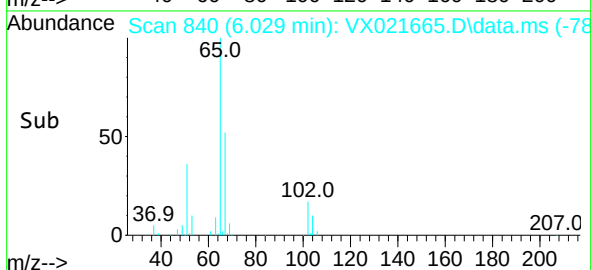
Tgt Ion: 56 Resp: 1562
Ion Ratio Lower Upper
56 100
69 151.9 25.3 37.9#
84 103.1 71.4 107.0

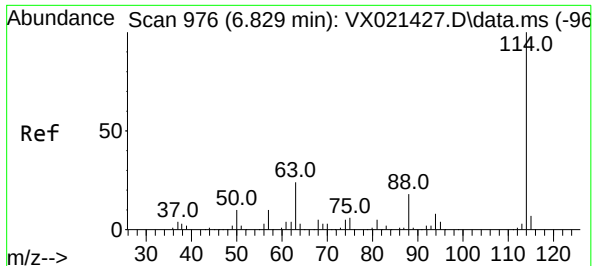


#33
1,2-Dichloroethane-d4
Concen: 52.46 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45



Tgt Ion: 65 Resp: 48789
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

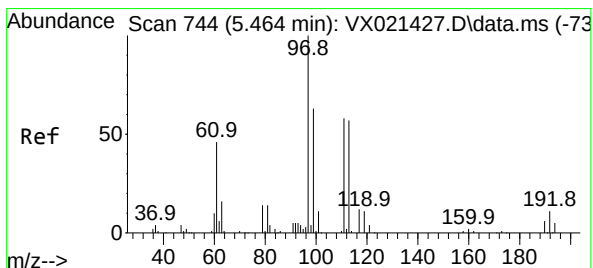
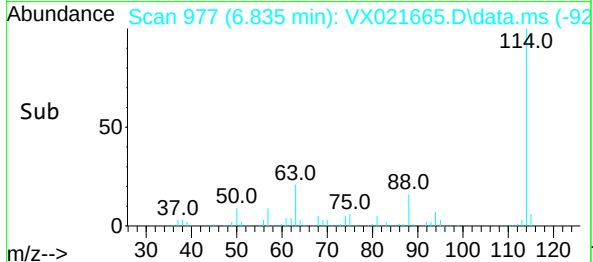
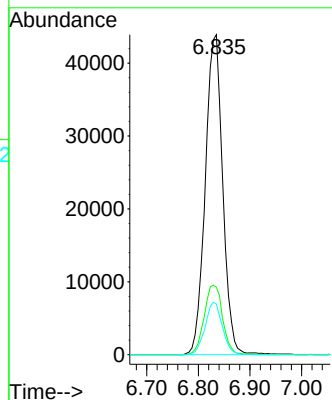
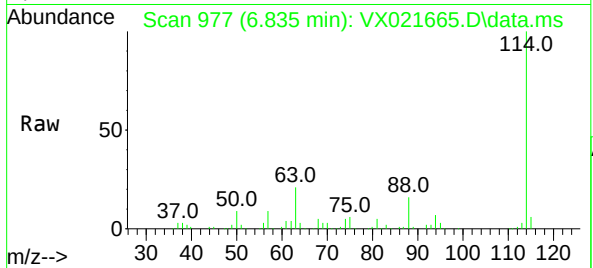




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.835 min Scan# 977
Delta R.T. 0.006 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

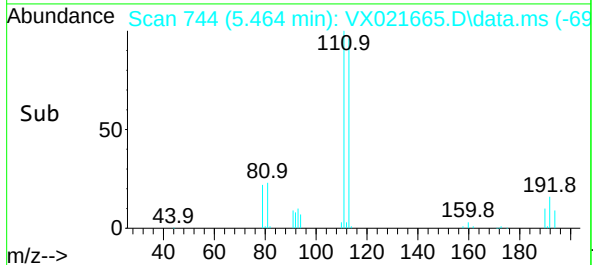
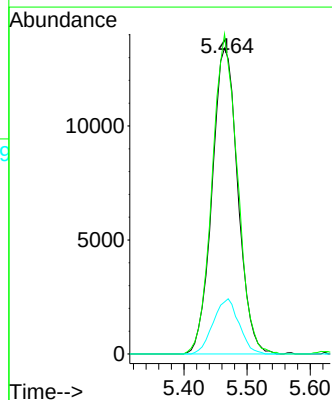
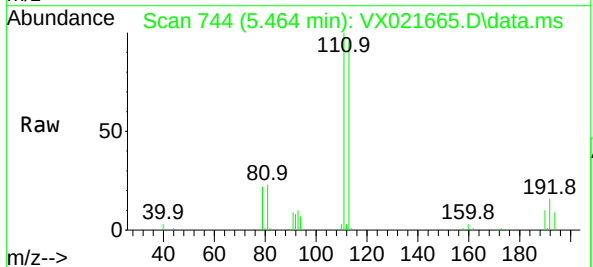
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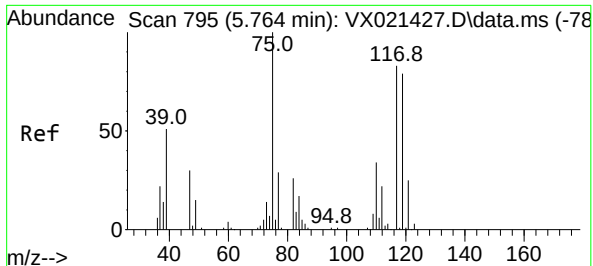
Tgt Ion:114 Resp: 103079
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.90 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

Tgt Ion:113 Resp: 38002
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 18.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.02 ug/l

RT: 5.629 min Scan# 772

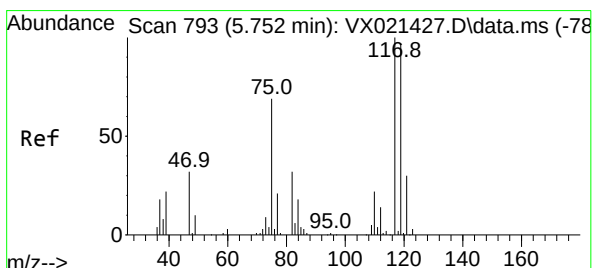
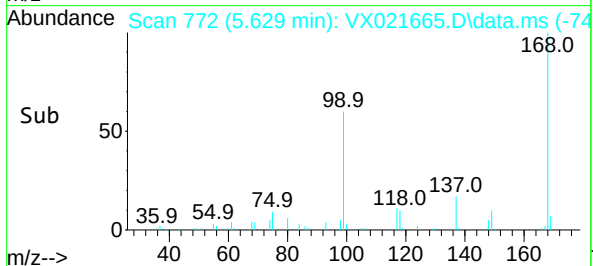
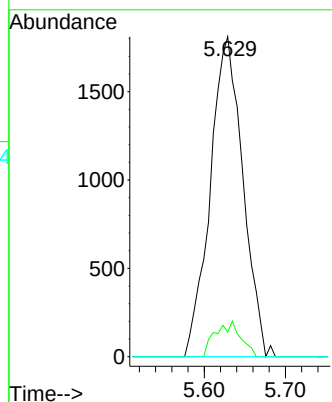
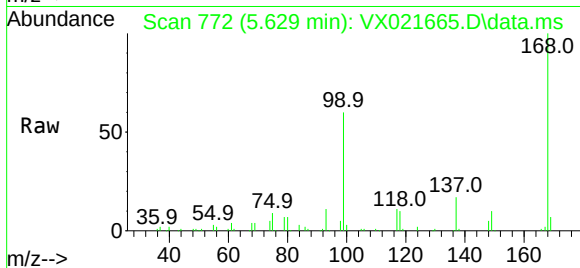
Delta R.T. -0.135 min

Lab File: VX021665.D

Acq: 31 Mar 2021 05:45

Tgt Ion:	75	Resp:	5071
Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20210323



#38

Carbon Tetrachloride

Concen: 5.48 ug/l

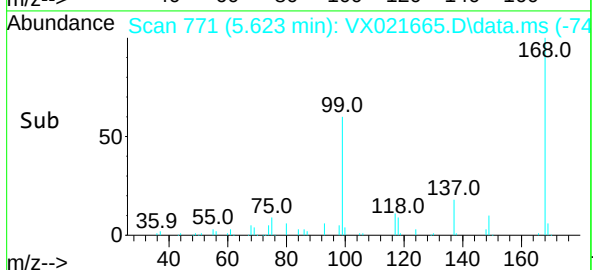
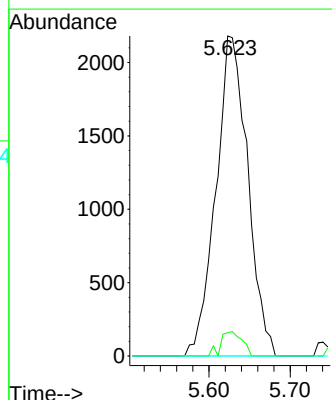
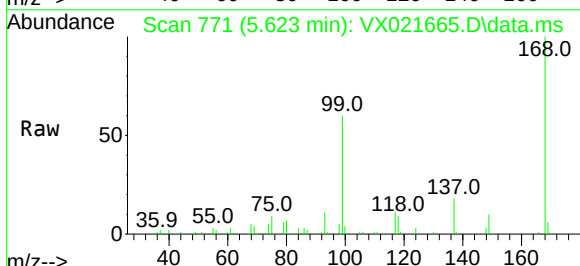
RT: 5.623 min Scan# 771

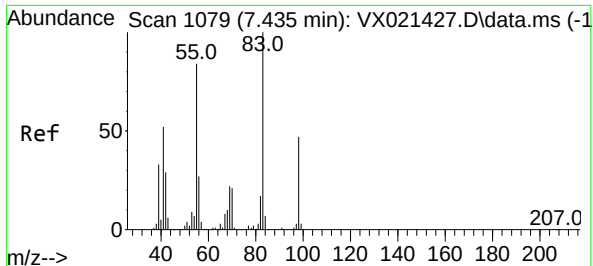
Delta R.T. -0.129 min

Lab File: VX021665.D

Acq: 31 Mar 2021 05:45

Tgt Ion:	117	Resp:	5943
Ion	Ratio	Lower	Upper
117	100		
119	7.3	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 0.21 ug/l

RT: 7.182 min Scan# 1036

Delta R.T. -0.253 min

Lab File: VX021665.D

Acq: 31 Mar 2021 05:45

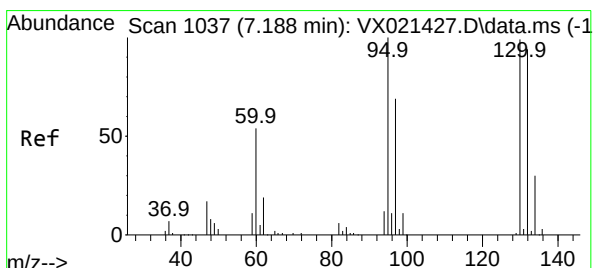
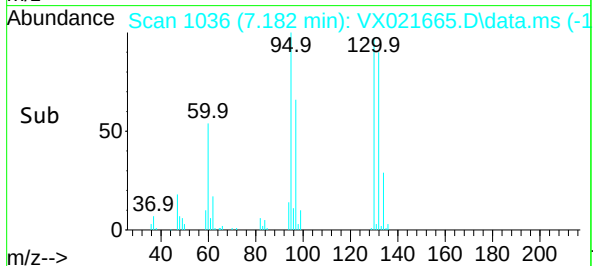
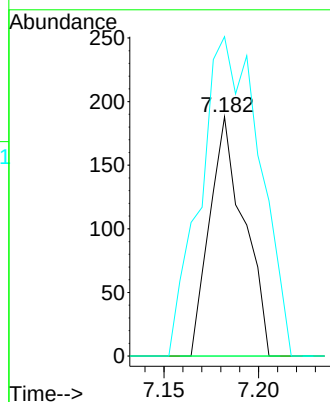
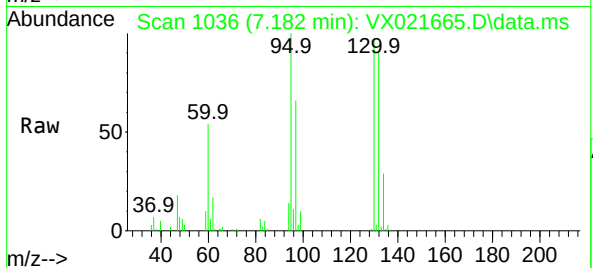
Instrument :

MSVOA_X

ClientSampleId :

RE109D1-20210323

Tgt Ion: 83	Resp: 238
Ion Ratio	Lower Upper
83 100	
55 0.0	58.9 88.3#
98 102.1	38.1 57.1#



#44

Trichloroethene

Concen: 23.51 ug/l

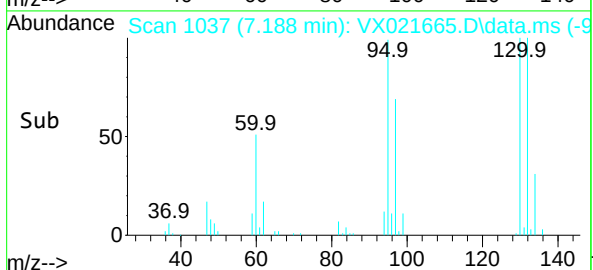
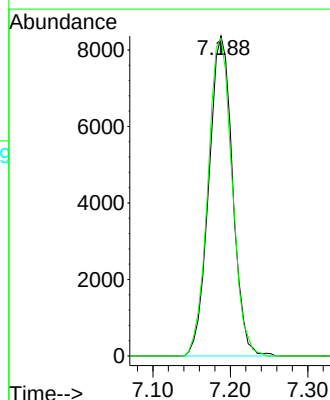
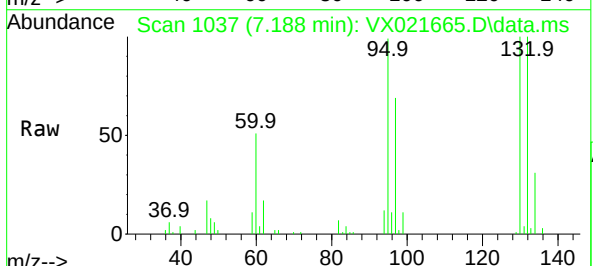
RT: 7.188 min Scan# 1037

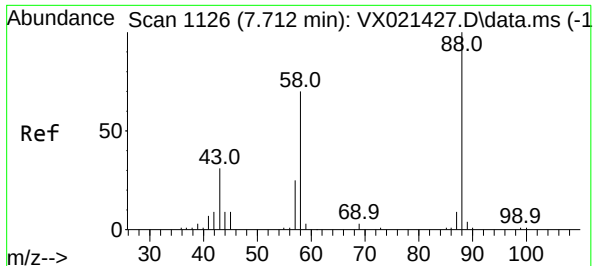
Delta R.T. -0.000 min

Lab File: VX021665.D

Acq: 31 Mar 2021 05:45

Tgt Ion: 130	Resp: 17790
Ion Ratio	Lower Upper
130 100	
95 99.2	0.0 198.0





#49

1,4-Dioxane

Concen: 10.44 ug/l

RT: 7.723 min Scan# 1128

Delta R.T. 0.011 min

Lab File: VX021665.D

Acq: 31 Mar 2021 05:45

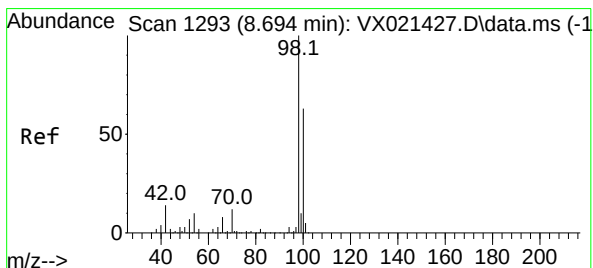
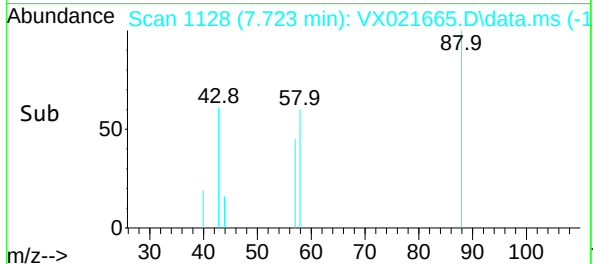
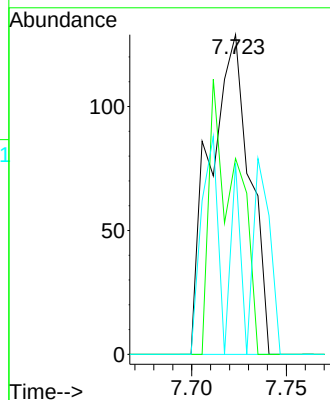
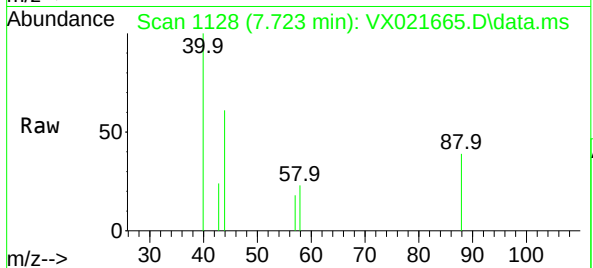
Tgt Ion: 88 Resp: 189

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 25.4 55.0 82.4#



#50

Toluene-d8

Concen: 50.04 ug/l

RT: 8.694 min Scan# 1293

Delta R.T. -0.000 min

Lab File: VX021665.D

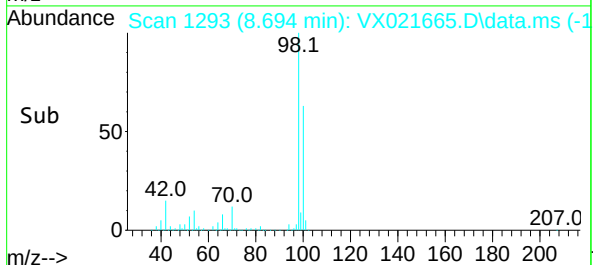
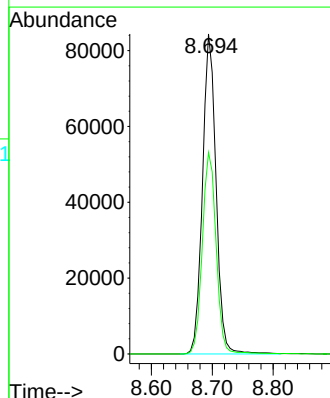
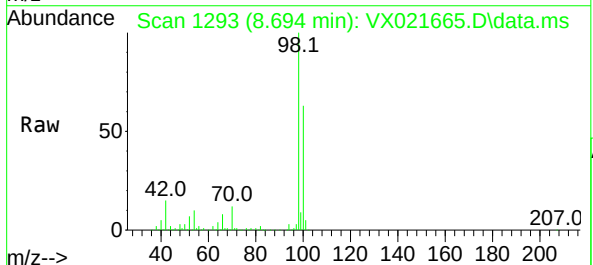
Acq: 31 Mar 2021 05:45

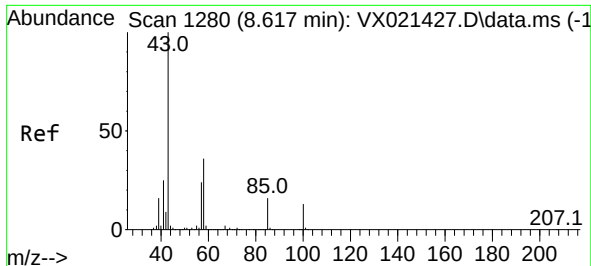
Tgt Ion: 98 Resp: 130576

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9

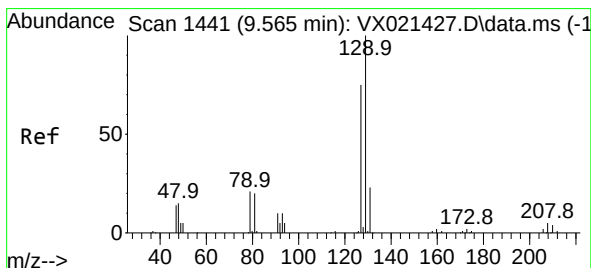
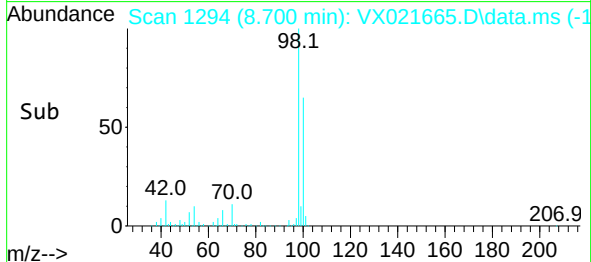
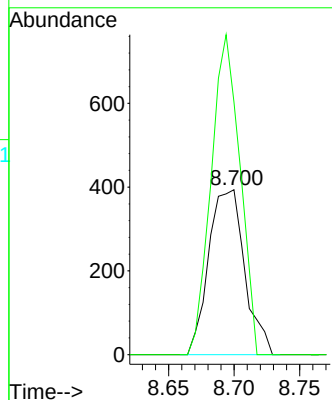
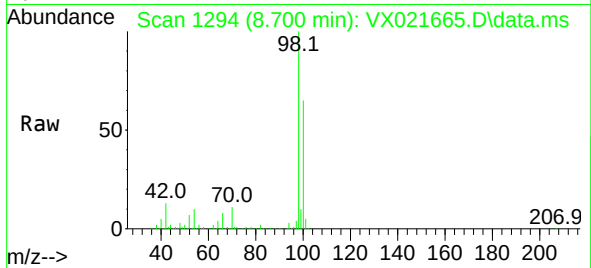




#51
4-Methyl-2-Pentanone
Concen: 0.64 ug/l
RT: 8.700 min Scan# 1294
Delta R.T. 0.083 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

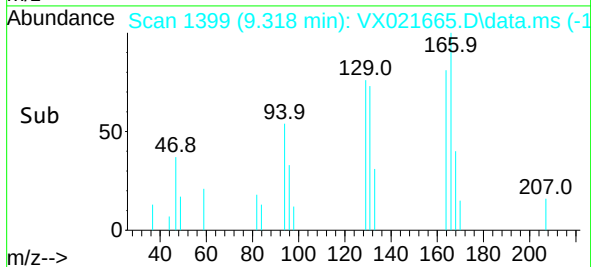
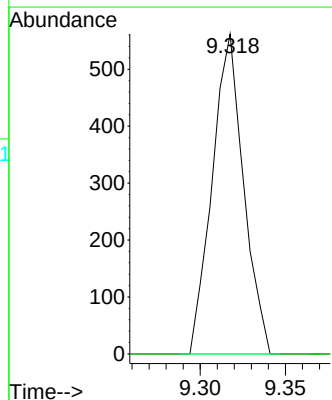
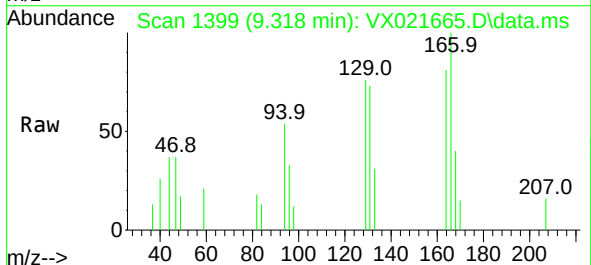
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20210323

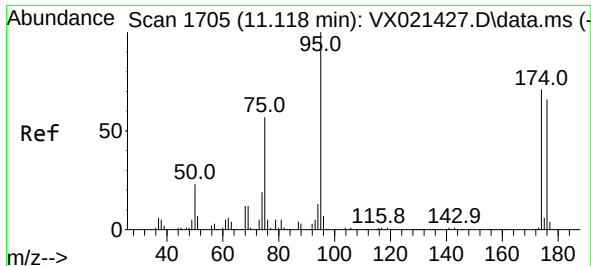
Tgt Ion: 43 Resp: 752
Ion Ratio Lower Upper
43 100
58 155.5 35.4 53.0#



#60
Dibromochloromethane
Concen: 0.86 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.247 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

Tgt Ion: 129 Resp: 719
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

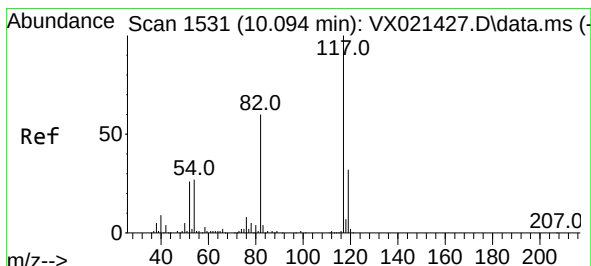
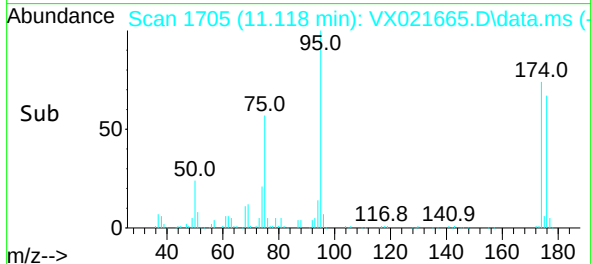
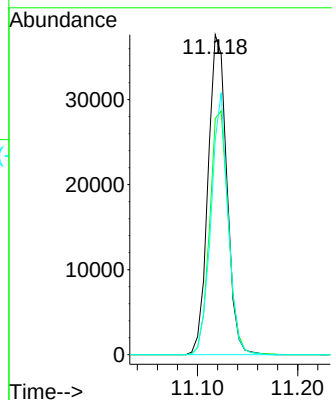
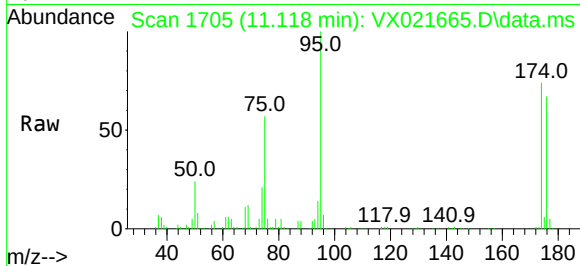




#62
4-Bromofluorobenzene
Concen: 48.29 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

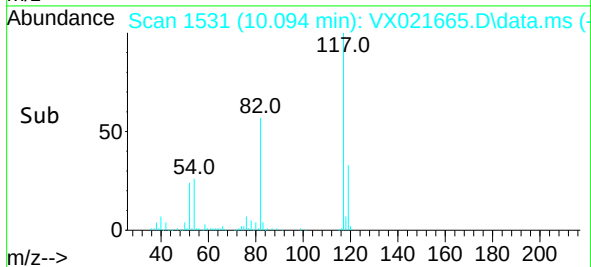
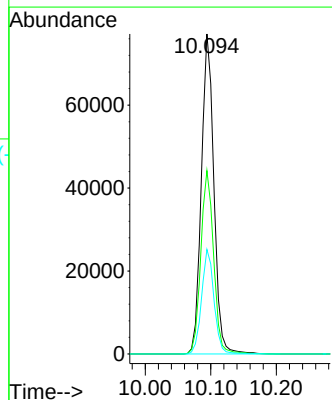
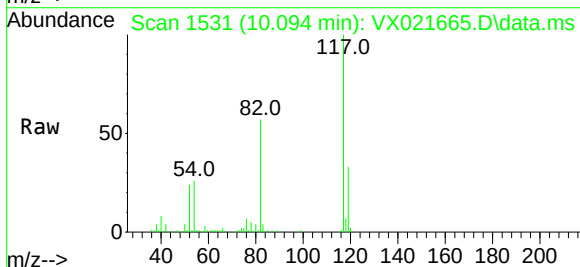
Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20210323

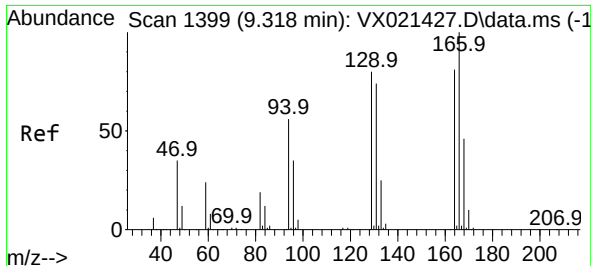
Tgt Ion:	95	Resp:	48983
Ion Ratio	Lower	Upper	
95	100		
174	76.3	0.0	154.6
176	74.3	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

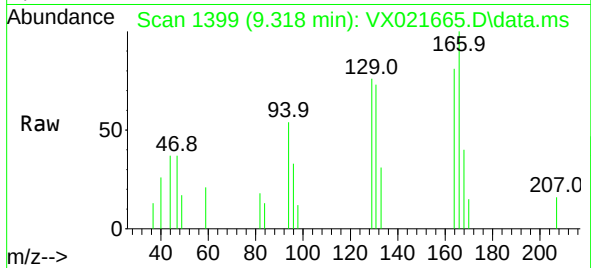
Tgt Ion:	117	Resp:	102818
Ion Ratio	Lower	Upper	
117	100		
82	57.3	47.4	71.2
119	32.6	26.6	39.8





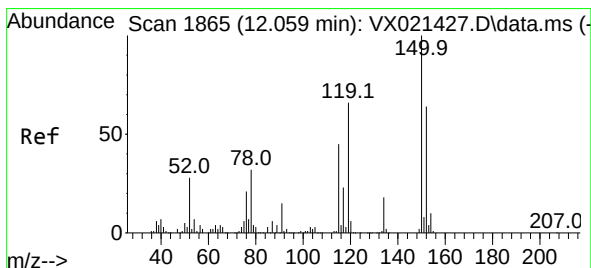
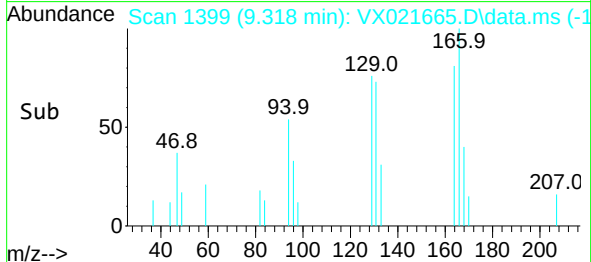
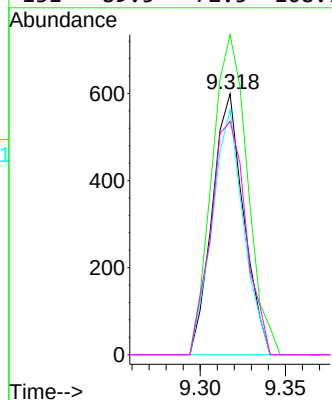
#64
Tetrachloroethene
Concen: 1.11 ug/l
RT: 9.318 min Scan# 1399
Delta R.T. -0.000 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164 Resp: 767

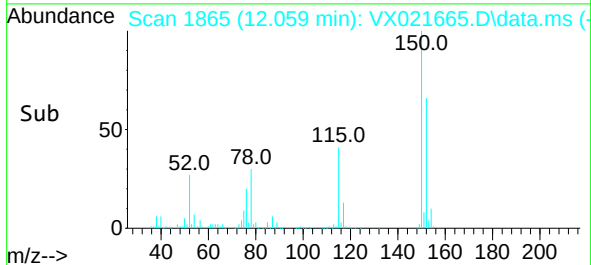
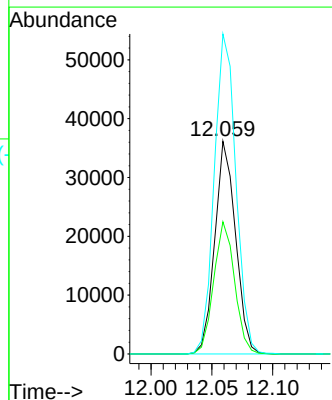
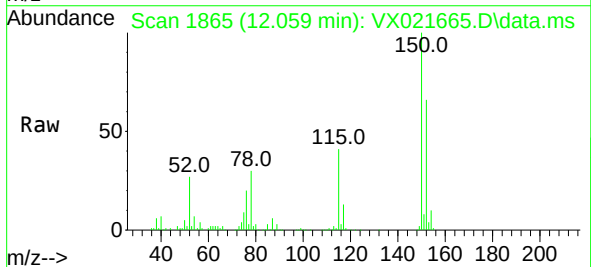
Ion	Ratio	Lower	Upper
164	100		
166	122.7	103.4	155.2
129	93.8	70.8	106.2
131	89.5	72.5	108.7

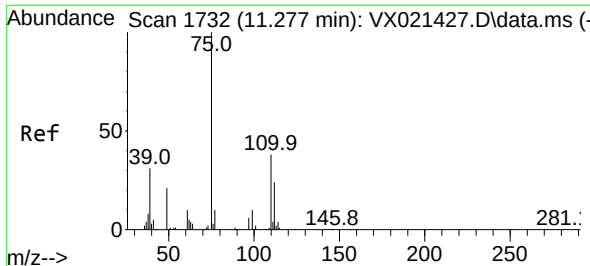


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

Tgt Ion:152 Resp: 43023

Ion	Ratio	Lower	Upper
152	100		
115	62.3	41.1	123.3
150	156.5	0.0	349.0

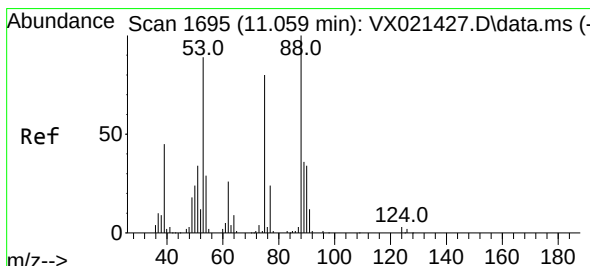
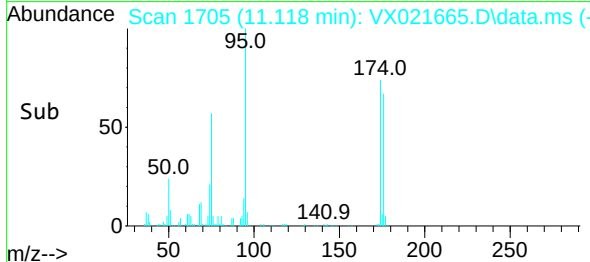
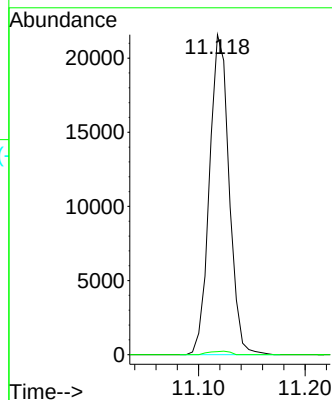
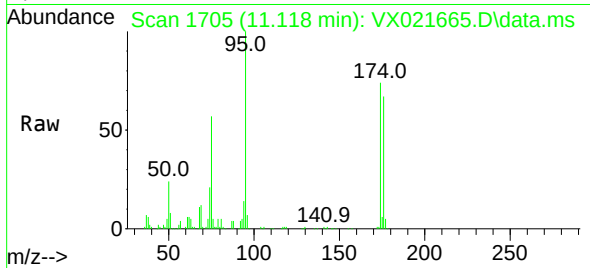




#76
1,2,3-Trichloropropane
Concen: 27.62 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

Instrument :
MSVOA_X
ClientSampleId :
RE109D1-20210323

Tgt Ion: 75 Resp: 27665
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021665.D
Acq: 31 Mar 2021 05:45

Tgt Ion: 75 Resp: 27665
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

