

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041522\
 Data File : VX028137.D
 Acq On : 15 Apr 2022 16:46
 Operator : JC/MD
 Sample : N2392-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-212

Quant Time: Apr 16 02:26:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

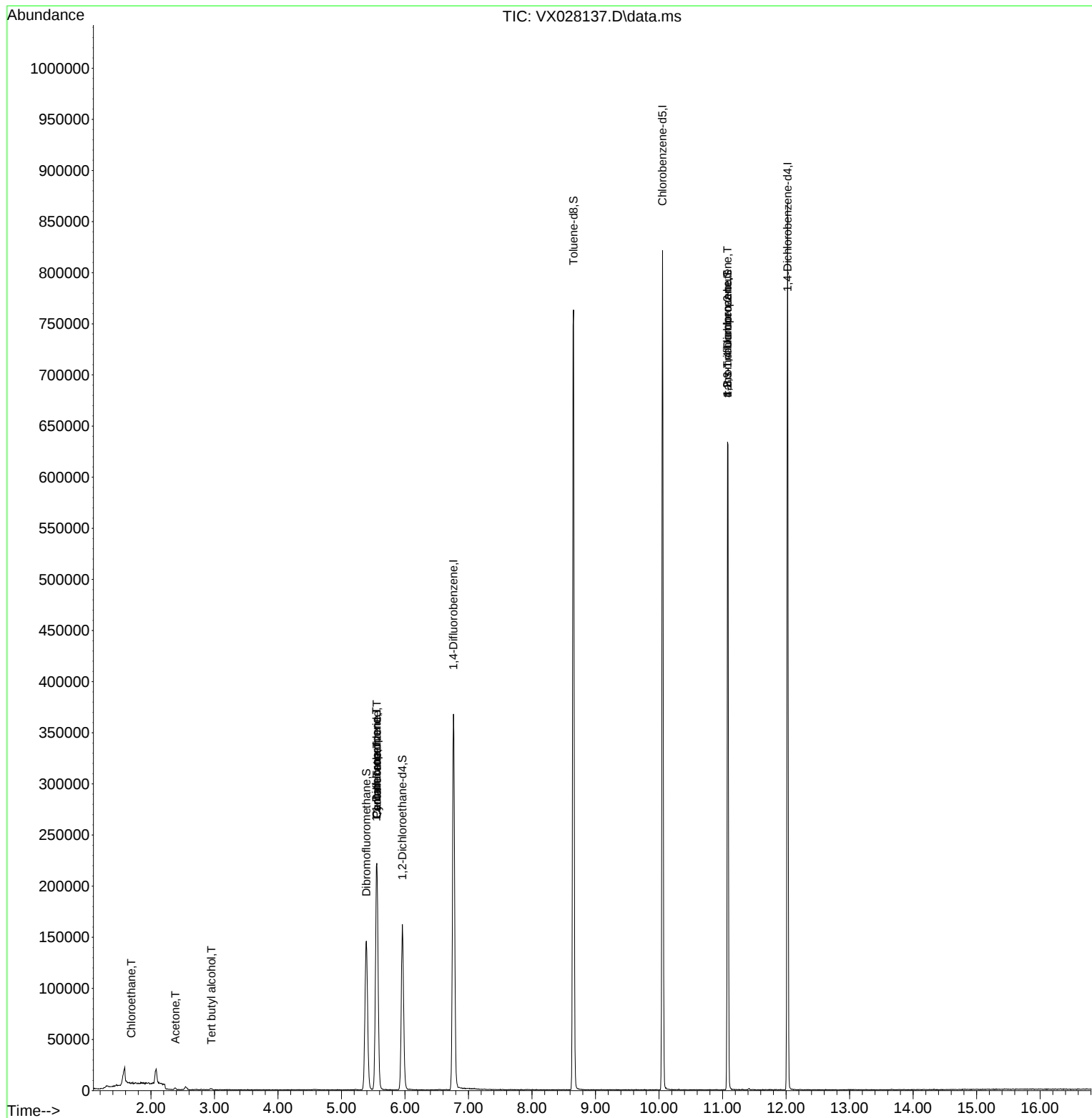
Internal Standards						
1) Pentafluorobenzene	5.556	168	217899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	379601	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141448	47.848	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.700%
35) Dibromofluoromethane	5.391	113	123374	49.599	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.200%
50) Toluene-d8	8.653	98	465027	50.127	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.260%
62) 4-Bromofluorobenzene	11.079	95	152152	43.926	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.860%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	670	Below Cal	#	62
6) Chloroethane	1.691	64	254	2.706	ug/l #	43
11) Tert butyl alcohol	2.953	59	666	0.971	ug/l #	72
13) Acrolein	2.252	56	20	Below Cal	#	15
16) Acetone	2.386	43	2016	1.637	ug/l	93
31) Cyclohexane	5.556	56	5183	1.275	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	17025	4.485	ug/l #	49
38) Carbon Tetrachloride	5.556	117	21351	5.268	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	84355	22.879	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	84355	64.438	ug/l #	15

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

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Quant Title : SW846 8260
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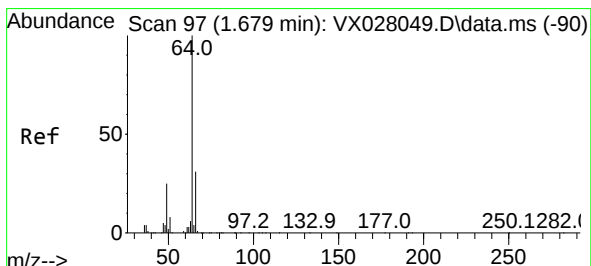
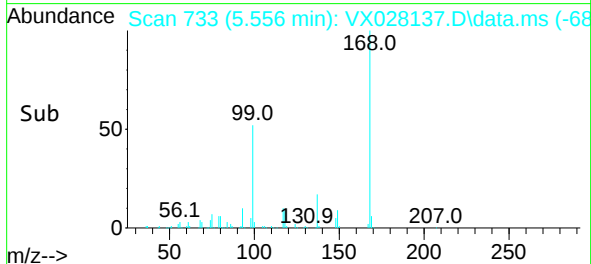
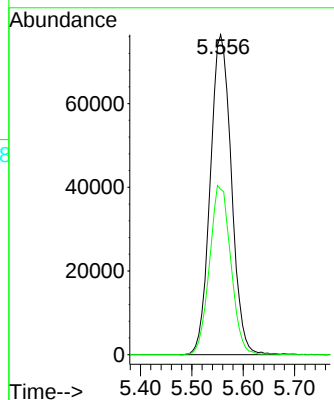
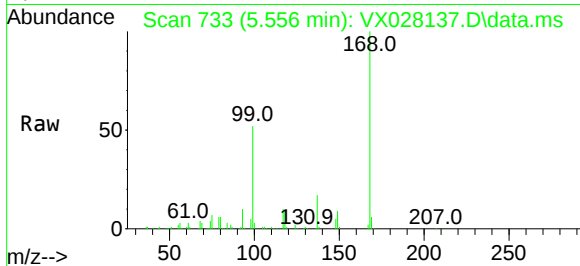




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028137.D
Acq: 15 Apr 2022 16:46

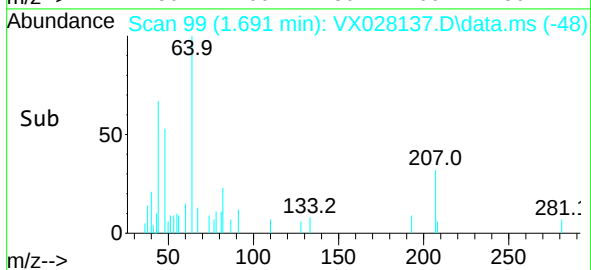
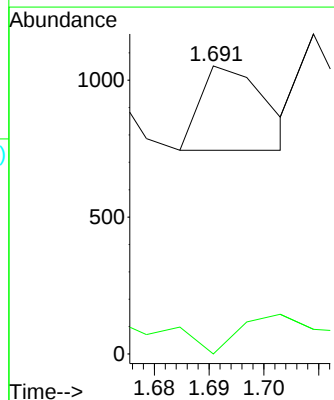
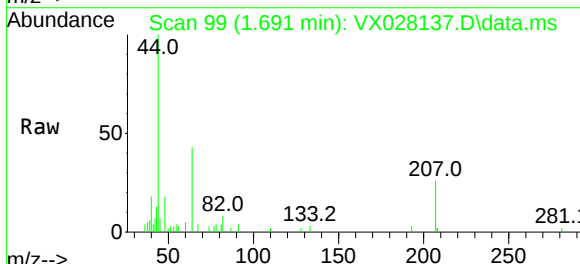
Instrument :
MSVOA_X
ClientSampleId :
VNJ-212

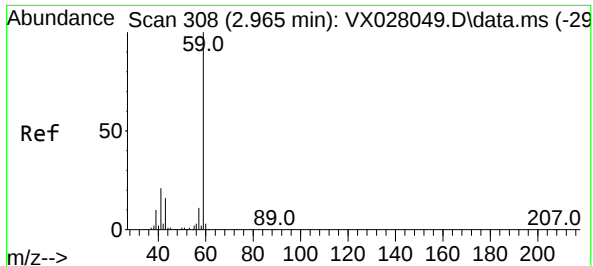
Tgt Ion:168 Resp: 217899
Ion Ratio Lower Upper
168 100
99 51.6 41.7 62.5



#6
Chloroethane
Concen: 2.706 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX028137.D
Acq: 15 Apr 2022 16:46

Tgt Ion: 64 Resp: 254
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9





#11

Tert butyl alcohol

Concen: 0.971 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX028137.D

Acq: 15 Apr 2022 16:46

Instrument :

MSVOA_X

ClientSampleId :

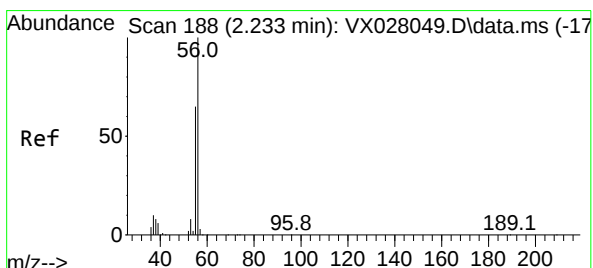
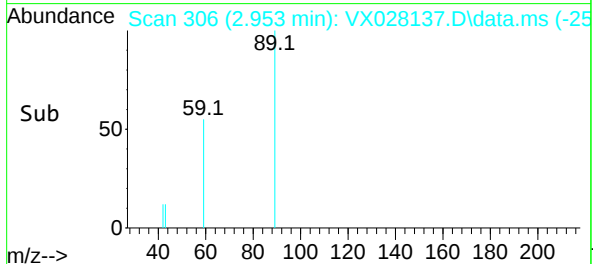
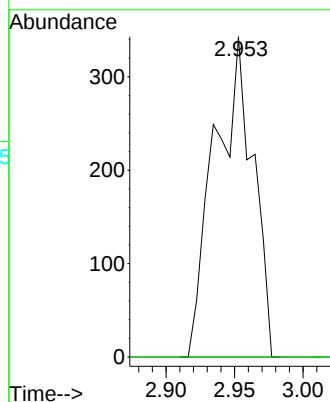
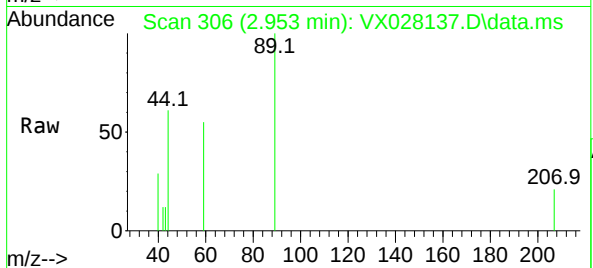
VNJ-212

Tgt Ion: 59 Resp: 666

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: Below Cal

RT: 2.252 min Scan# 191

Delta R.T. 0.019 min

Lab File: VX028137.D

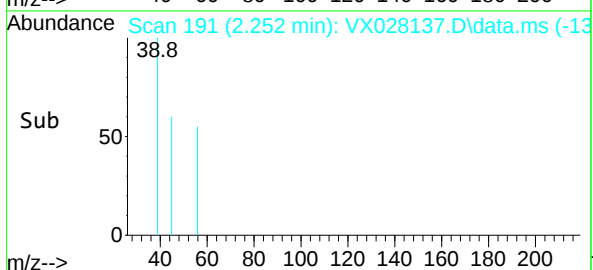
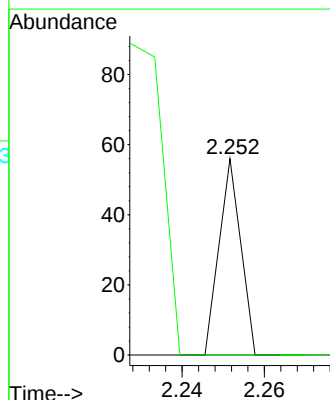
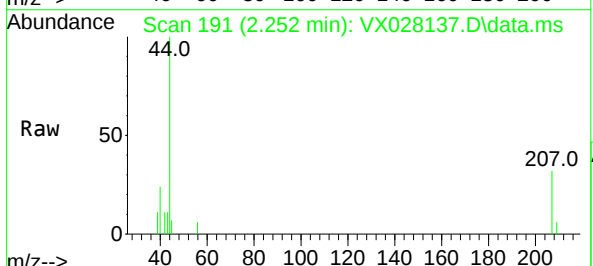
Acq: 15 Apr 2022 16:46

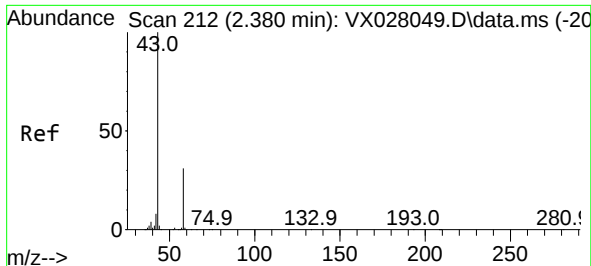
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#

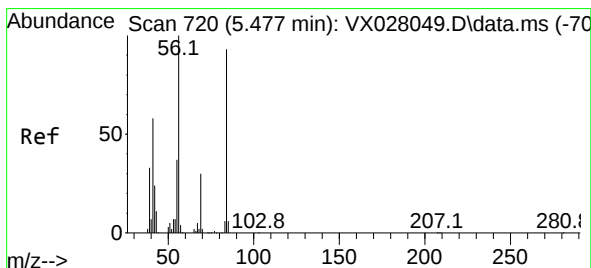
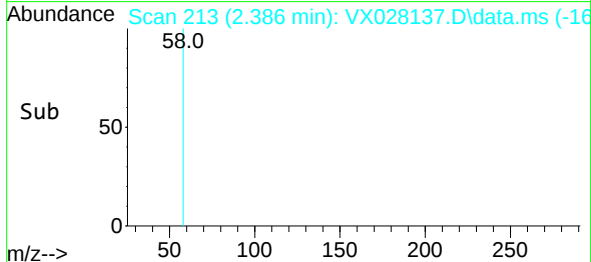
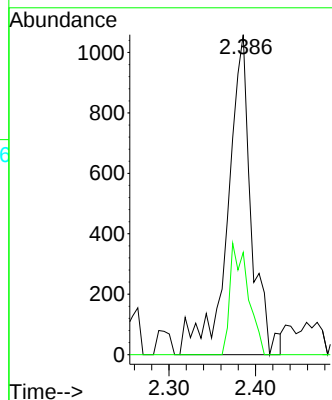
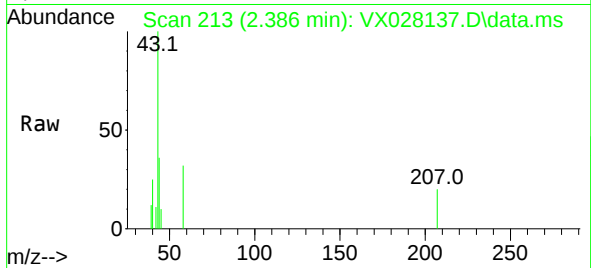




#16
Acetone
Concen: 1.637 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028137.D
Acq: 15 Apr 2022 16:46

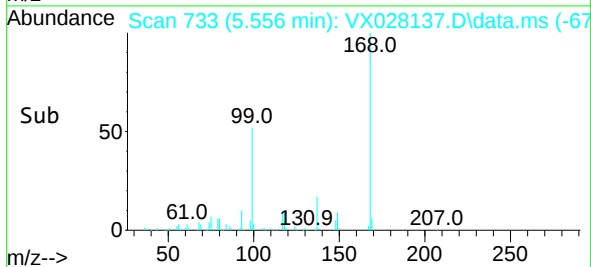
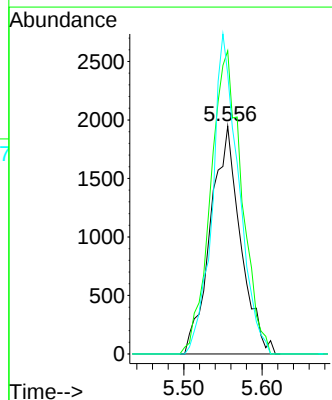
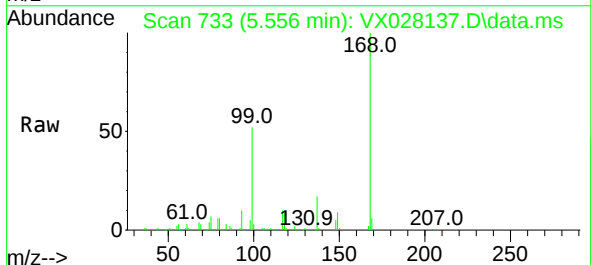
Instrument :
MSVOA_X
ClientSampleId :
VNJ-212

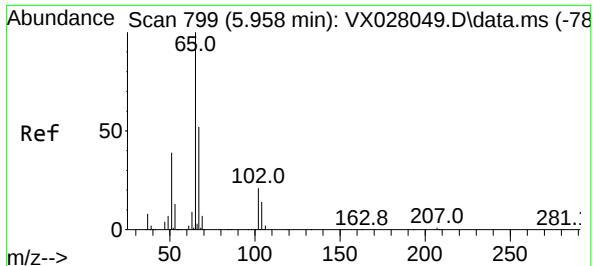
Tgt Ion: 43 Resp: 2016
Ion Ratio Lower Upper
43 100
58 31.9 28.8 43.2



#31
Cyclohexane
Concen: 1.275 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX028137.D
Acq: 15 Apr 2022 16:46

Tgt Ion: 56 Resp: 5183
Ion Ratio Lower Upper
56 100
69 133.1 26.7 40.1#
84 122.9 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 47.848 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028137.D

Acq: 15 Apr 2022 16:46

Instrument :

MSVOA_X

ClientSampleId :

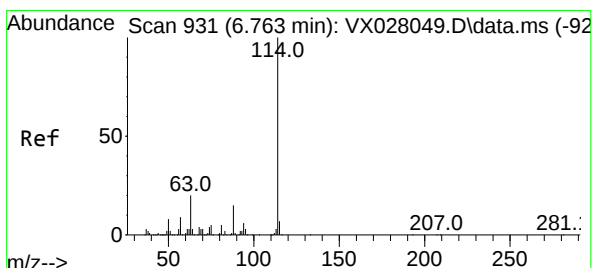
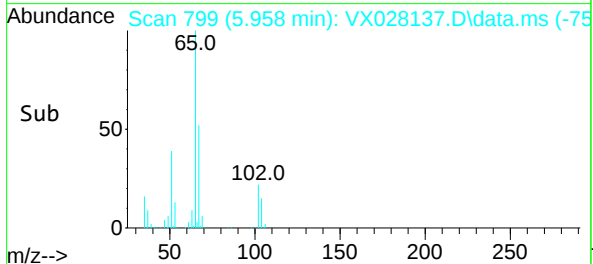
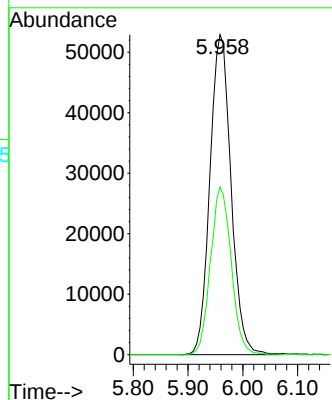
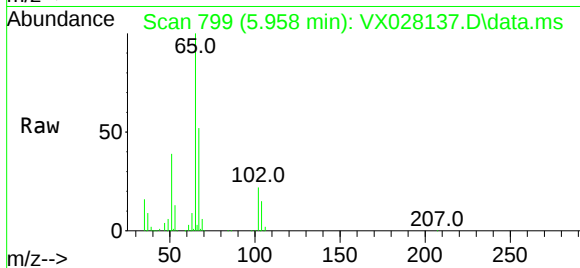
VNJ-212

Tgt Ion: 65 Resp: 141448

Ion Ratio Lower Upper

65 100

67 51.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028137.D

Acq: 15 Apr 2022 16:46

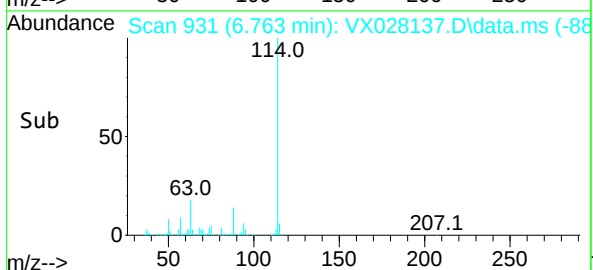
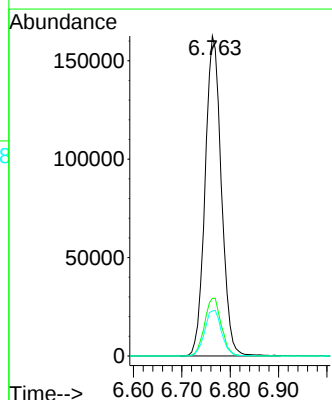
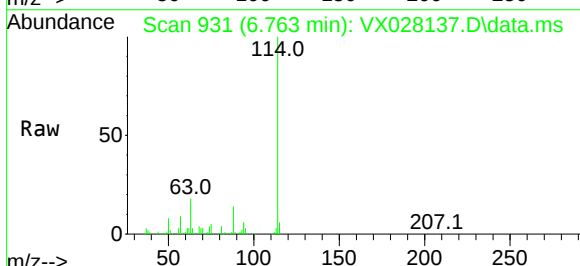
Tgt Ion: 114 Resp: 379601

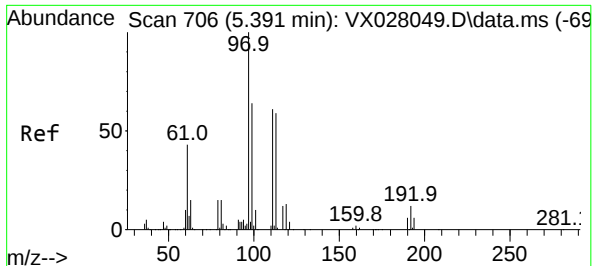
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

88 14.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.599 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX028137.D

Acq: 15 Apr 2022 16:46

Instrument :

MSVOA_X

ClientSampleId :

VNJ-212

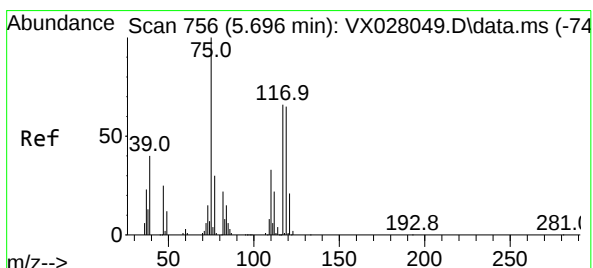
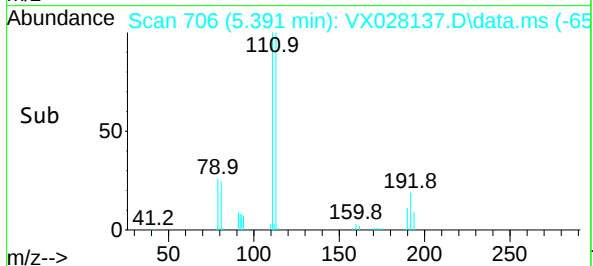
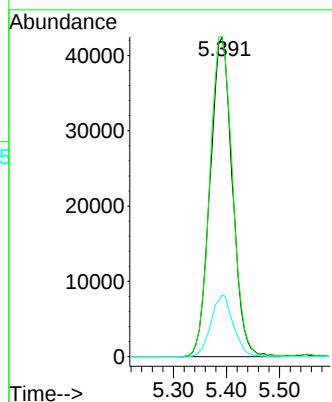
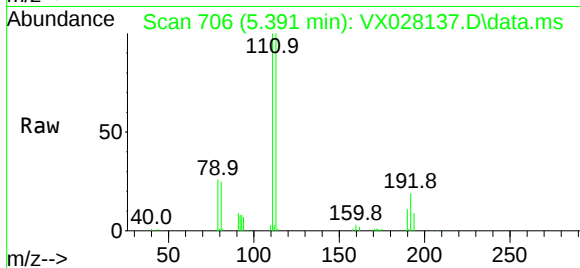
Tgt Ion:113 Resp: 123374

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 19.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.485 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX028137.D

Acq: 15 Apr 2022 16:46

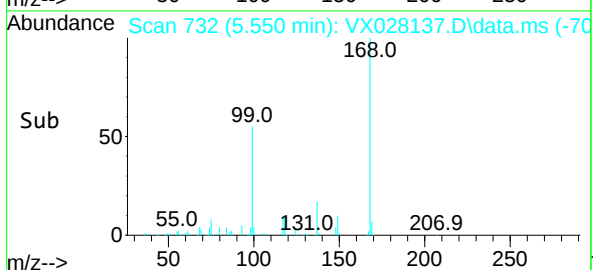
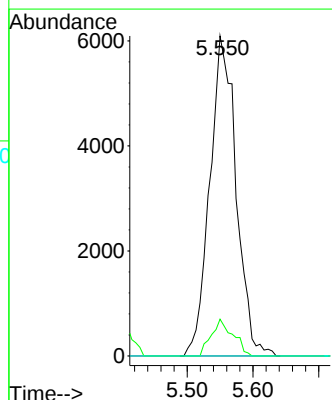
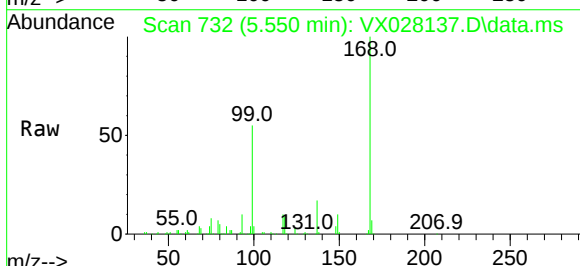
Tgt Ion: 75 Resp: 17025

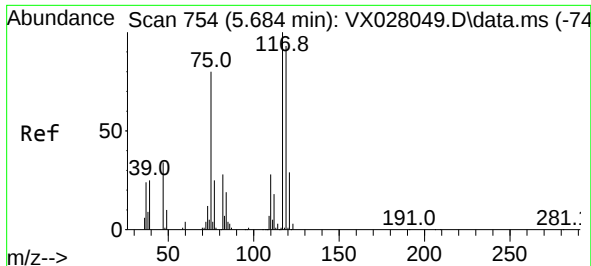
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#

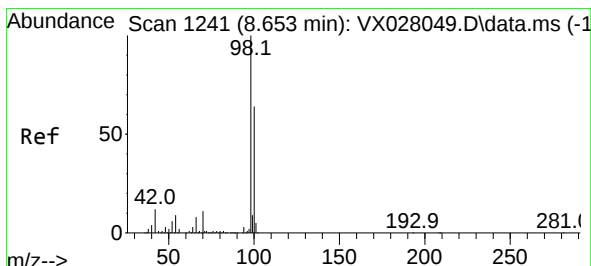
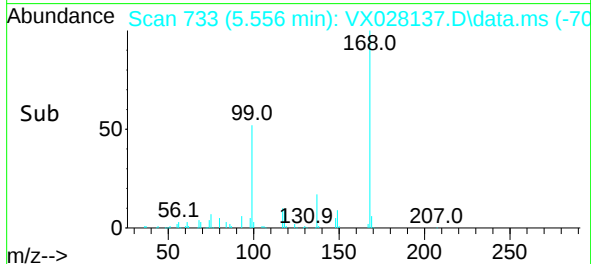
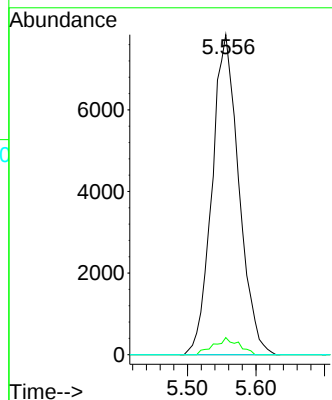
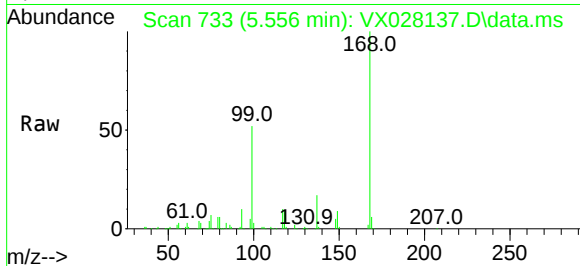




#38
Carbon Tetrachloride
Concen: 5.268 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028137.D
Acq: 15 Apr 2022 16:46

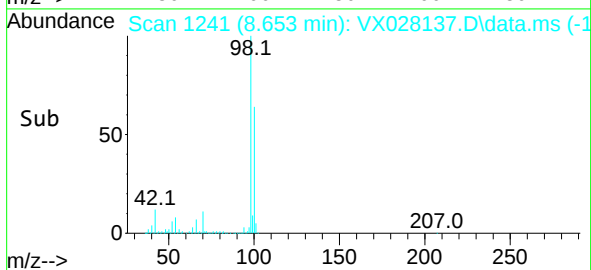
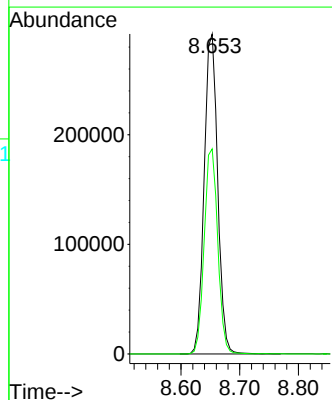
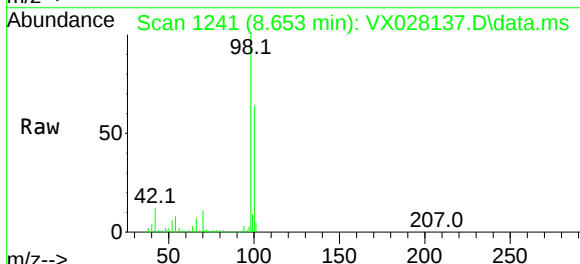
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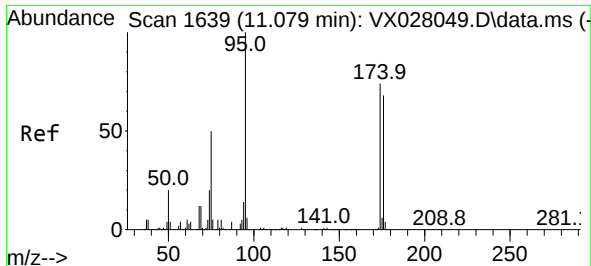
Tgt Ion:117 Resp: 21351
Ion Ratio Lower Upper
117 100
119 5.4 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.127 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028137.D
Acq: 15 Apr 2022 16:46

Tgt Ion: 98 Resp: 465027
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

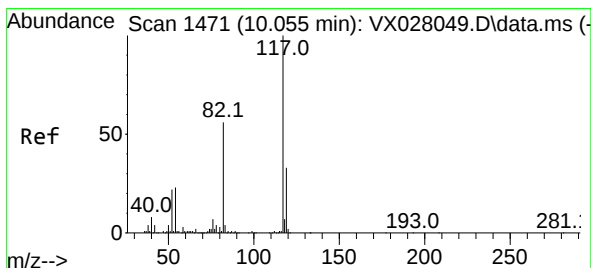
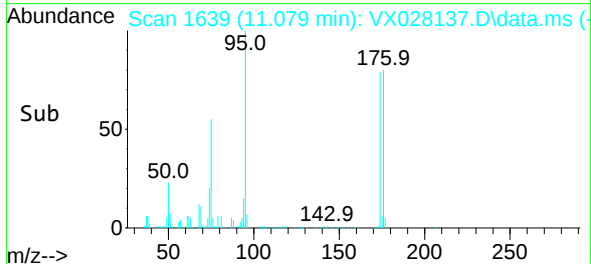
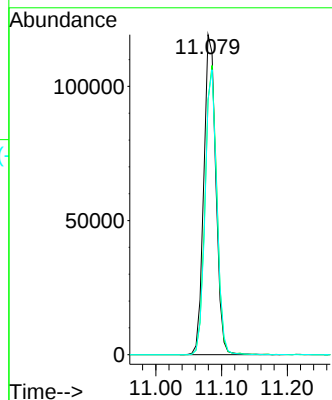
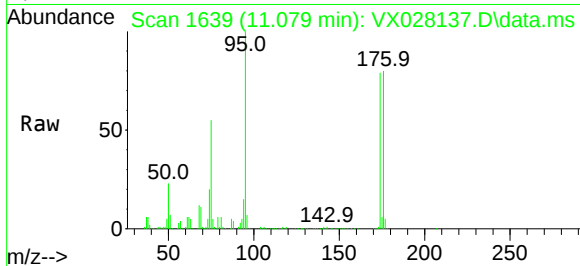




#62
4-Bromofluorobenzene
Concen: 43.926 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028137.D
Acq: 15 Apr 2022 16:46

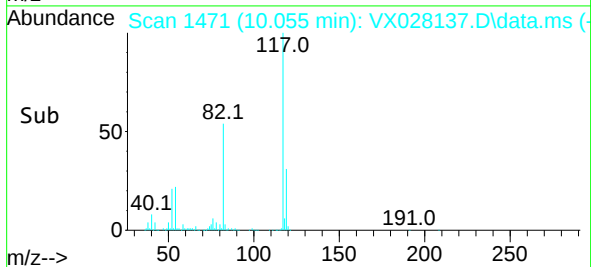
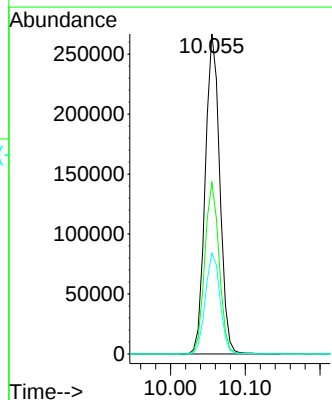
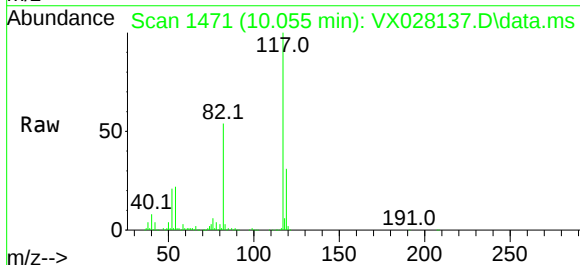
Instrument :
MSVOA_X
ClientSampleId :
VNJ-212

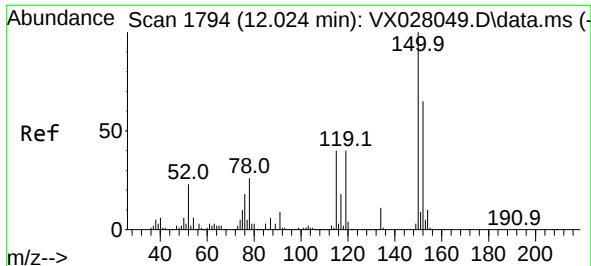
Tgt Ion: 95 Resp: 152152
Ion Ratio Lower Upper
95 100
174 88.0 0.0 163.0
176 86.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028137.D
Acq: 15 Apr 2022 16:46

Tgt Ion: 117 Resp: 359411
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 31.4 24.8 37.2

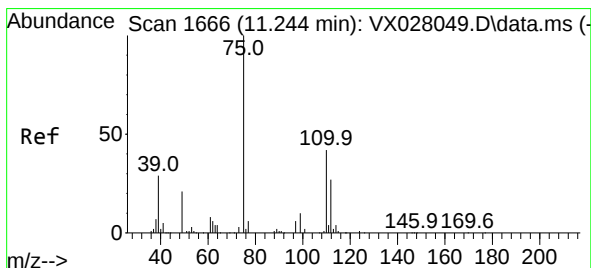
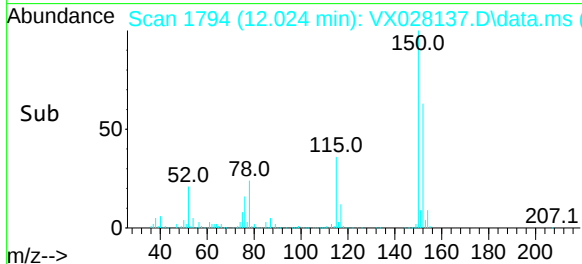
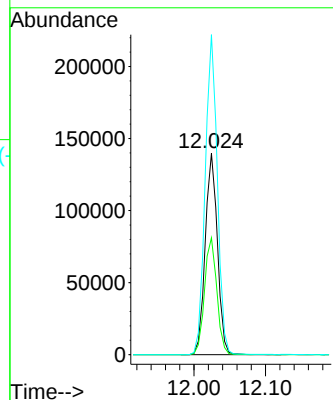
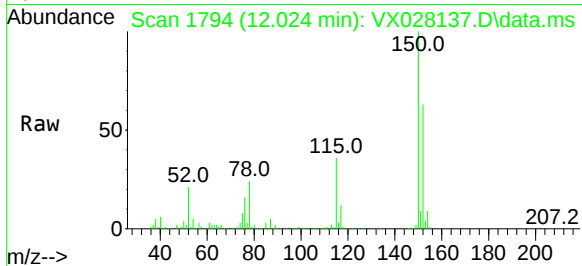




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028137.D
 Acq: 15 Apr 2022 16:46

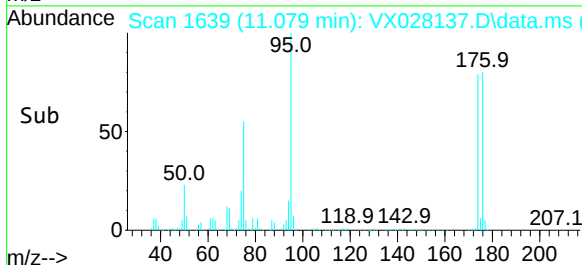
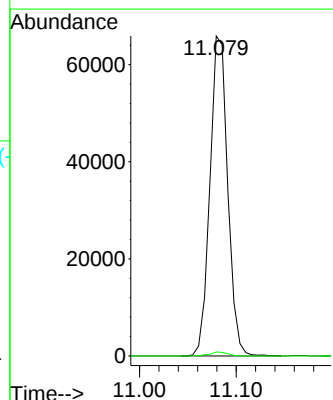
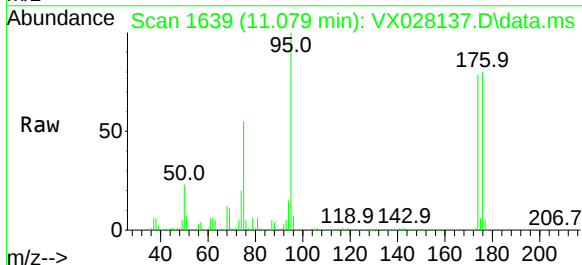
Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-212

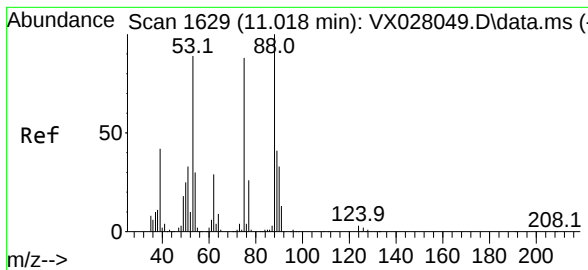
Tgt Ion:152 Resp: 165617
 Ion Ratio Lower Upper
 152 100
 115 58.5 37.5 112.7
 150 158.2 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.879 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028137.D
 Acq: 15 Apr 2022 16:46

Tgt Ion: 75 Resp: 84355
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.438 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028137.D
 Acq: 15 Apr 2022 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-212

Tgt Ion: 75 Resp: 84355
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

