

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102522\
 Data File : VX032355.D
 Acq On : 25 Oct 2022 11:28
 Operator : JC/MD
 Sample : VX1025WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBL01

Quant Time: Oct 27 14:16:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

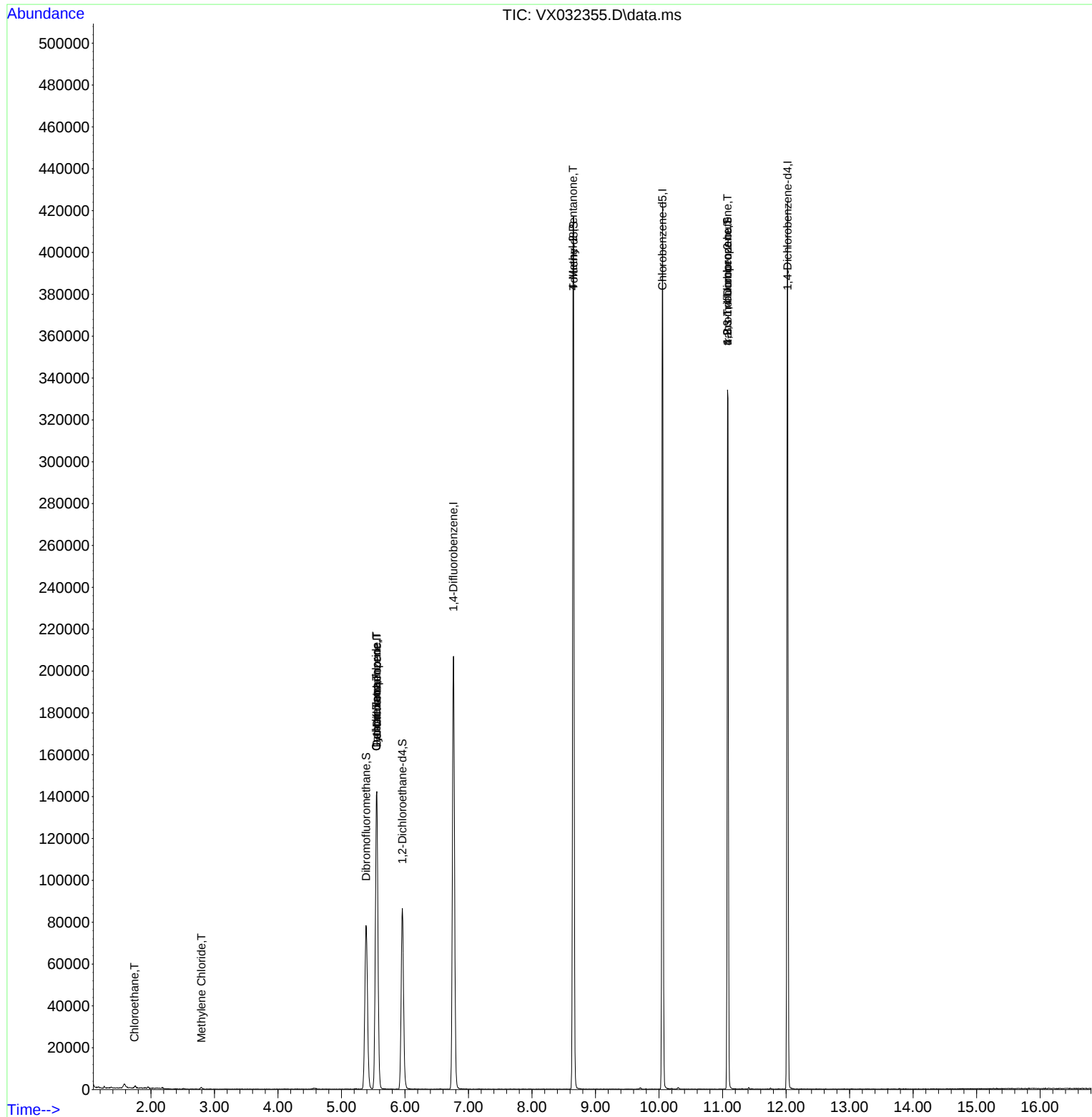
Internal Standards						
1) Pentafluorobenzene	5.556	168	134991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84148	47.918	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.840%
35) Dibromofluoromethane	5.385	113	67686	46.233	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.653	98	248688	47.189	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.380%
62) 4-Bromofluorobenzene	11.079	95	85880	44.502	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	57	Below Cal	#	44
6) Chloroethane	1.739	64	22	1.969	ug/l #	41
20) Methylene Chloride	2.794	84	489	0.334	ug/l #	73
31) Cyclohexane	5.550	56	3206	1.597	ug/l #	42
36) 1,1-Dichloropropene	5.556	75	9858	5.235	ug/l #	50
38) Carbon Tetrachloride	5.550	117	13637	6.859	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1086	0.599	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46494	27.086	ug/l #	45
81) trans-1,4-Dichloro-2-b...	11.079	75	46494	83.159	ug/l #	6

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

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QLast Update : Sat Oct 22 04:56:40 2022
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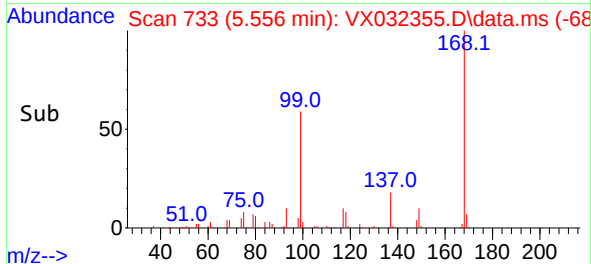
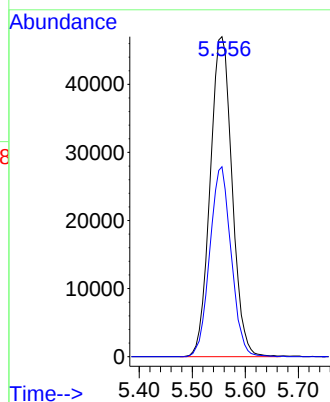
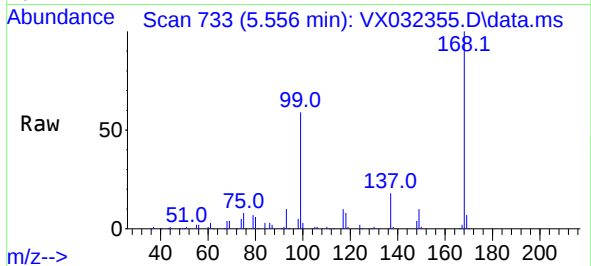




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032355.D
Acq: 25 Oct 2022 11:28

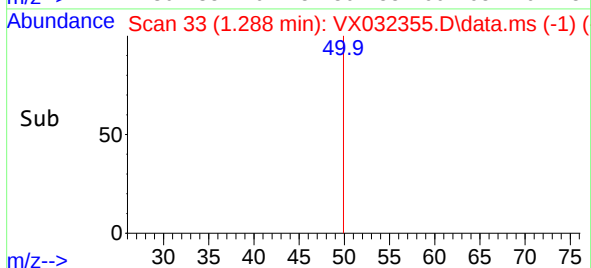
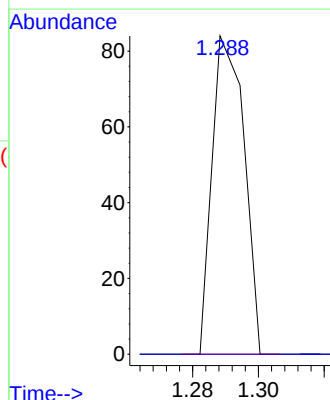
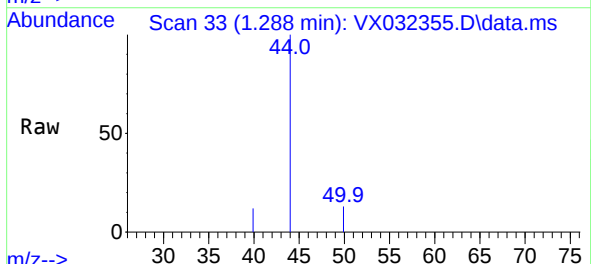
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBL01

Tgt Ion:168 Resp: 134991
Ion Ratio Lower Upper
168 100
99 59.4 44.8 67.2

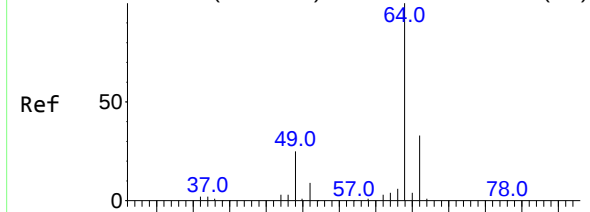


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.007 min
Lab File: VX032355.D
Acq: 25 Oct 2022 11:28

Tgt Ion: 50 Resp: 57
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

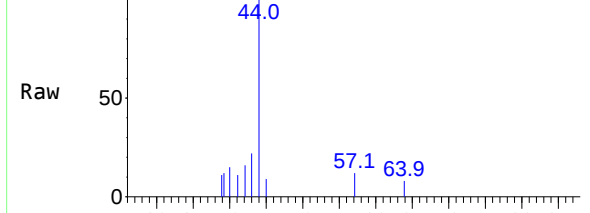


Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



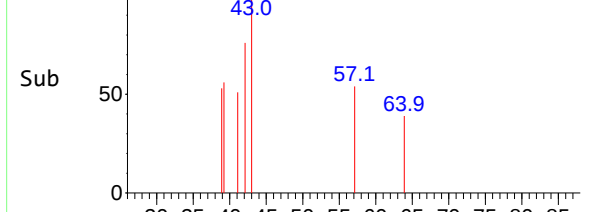
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Abundance Scan 107 (1.739 min): VX032355.D\data.ms



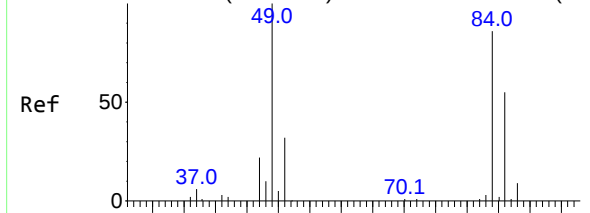
m/z-->

Abundance Scan 107 (1.739 min): VX032355.D\data.ms (-49)



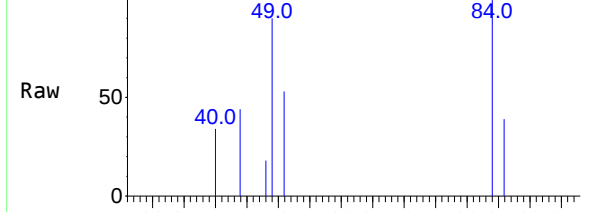
m/z-->

Abundance Scan 279 (2.788 min): VX032201.D\data.ms (-27)



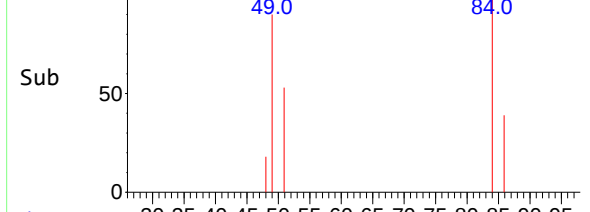
m/z-->

Abundance Scan 280 (2.794 min): VX032355.D\data.ms



m/z-->

Abundance Scan 280 (2.794 min): VX032355.D\data.ms (-23)



m/z-->

#6

Chloroethane

Concen: 1.969 ug/l

RT: 1.739 min Scan# 10

Delta R.T. 0.054 min

Lab File: VX032355.D

Acq: 25 Oct 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBL01

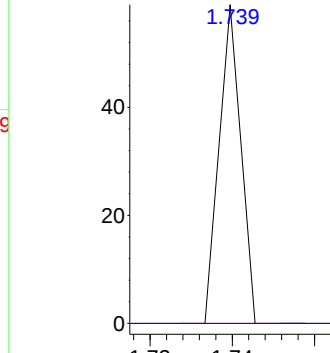
Tgt Ion: 64 Resp: 22

Ion Ratio Lower Upper

64 100

66 0.0 26.6 39.8#

Abundance



Time-->

#20

Methylene Chloride

Concen: 0.334 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032355.D

Acq: 25 Oct 2022 11:28

Tgt Ion: 84 Resp: 489

Ion Ratio Lower Upper

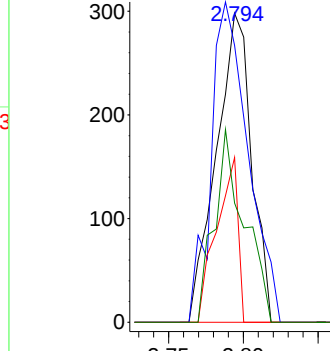
84 100

49 89.6 92.6 139.0#

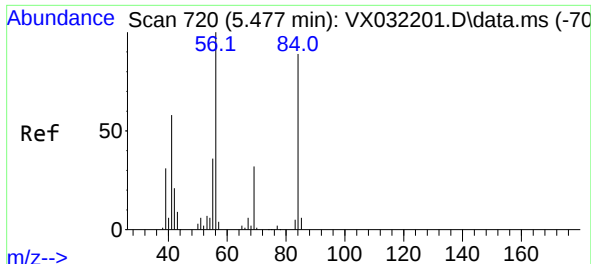
51 53.4 29.2 43.8#

86 38.6 51.4 77.0#

Abundance



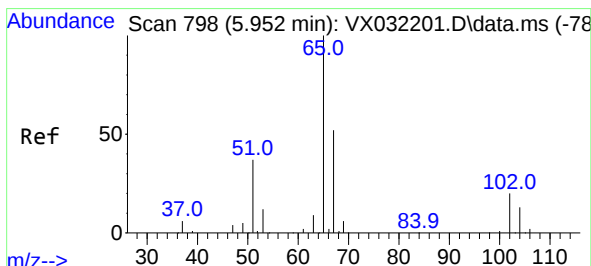
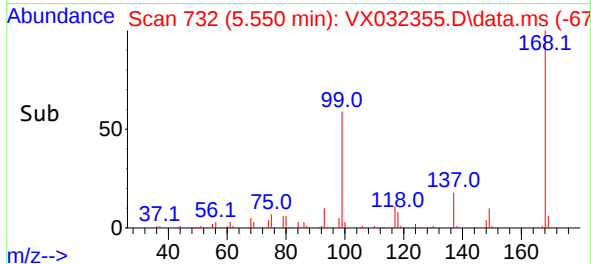
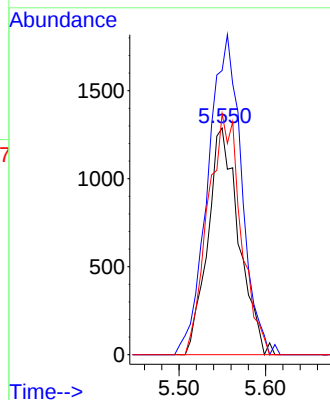
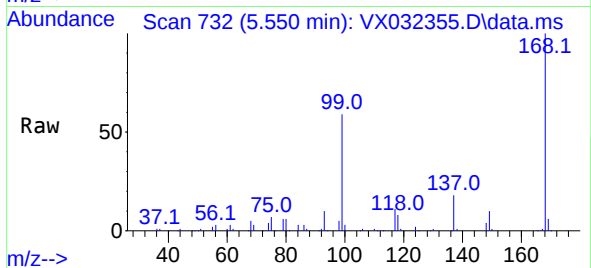
Time-->



#31
Cyclohexane
Concen: 1.597 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX032355.D
Acq: 25 Oct 2022 11:28

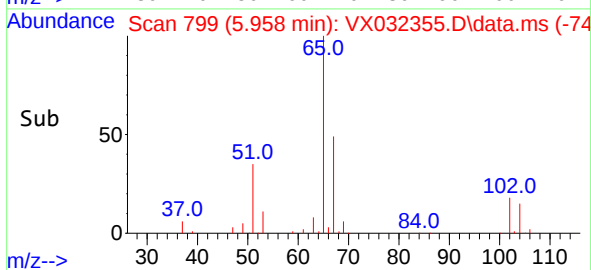
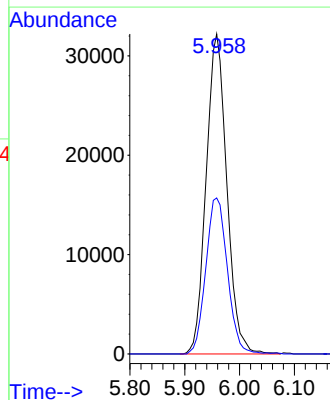
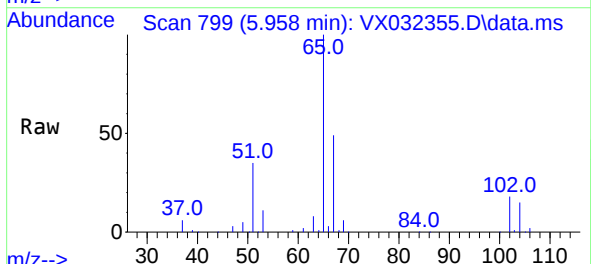
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBL01

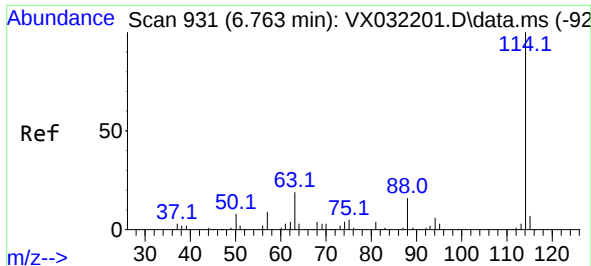
Tgt Ion: 56 Resp: 3206
Ion Ratio Lower Upper
56 100
69 125.4 25.4 38.0#
84 106.4 71.2 106.8



#33
1,2-Dichloroethane-d4
Concen: 47.918 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032355.D
Acq: 25 Oct 2022 11:28

Tgt Ion: 65 Resp: 84148
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.6

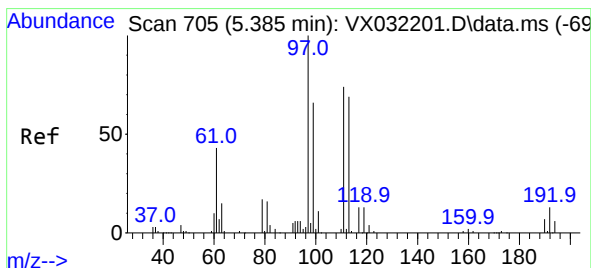
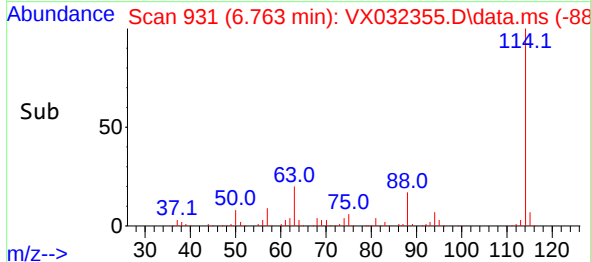
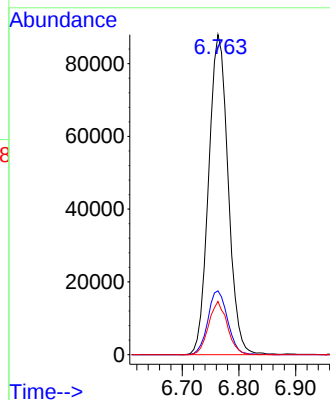
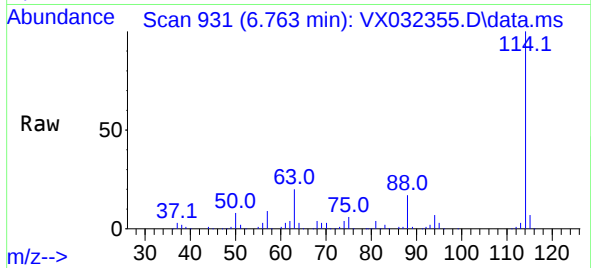




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032355.D
Acq: 25 Oct 2022 11:28

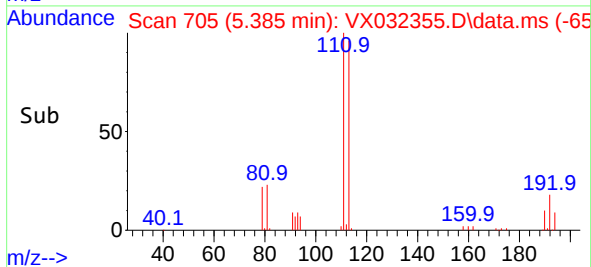
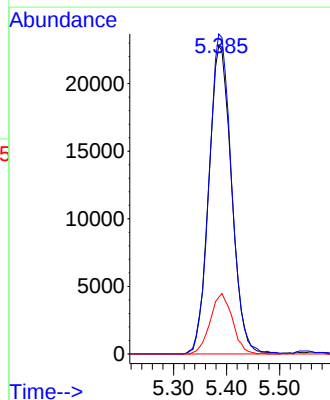
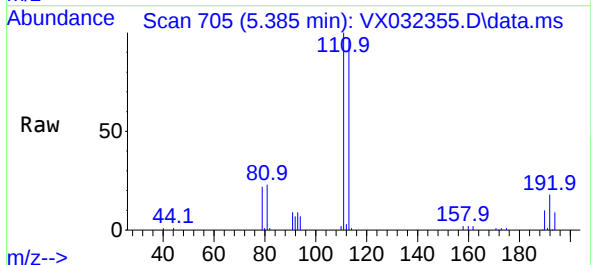
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBL01

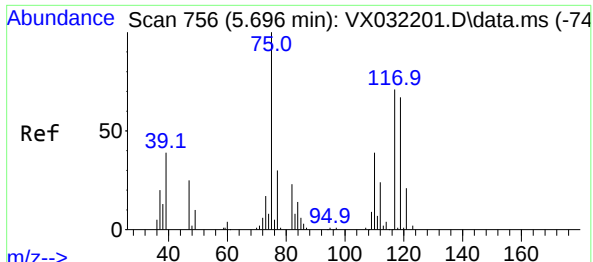
Tgt Ion:114 Resp: 210389
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 16.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.233 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032355.D
Acq: 25 Oct 2022 11:28

Tgt Ion:113 Resp: 67686
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.2 15.5 23.3





#36

1,1-Dichloropropene

Concen: 5.235 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX032355.D

Acq: 25 Oct 2022 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX1025WBL01

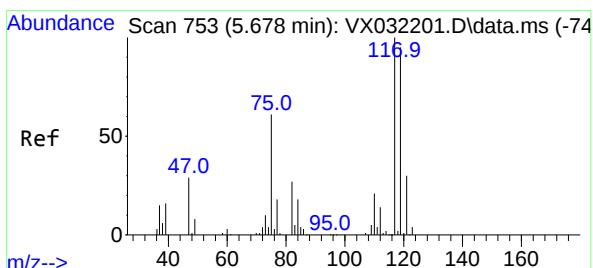
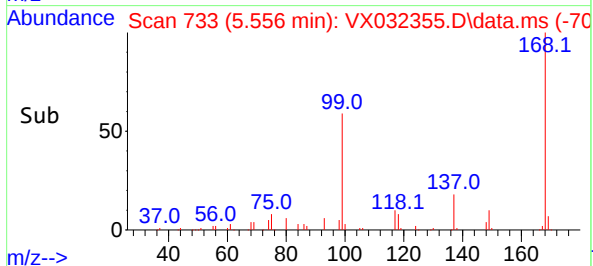
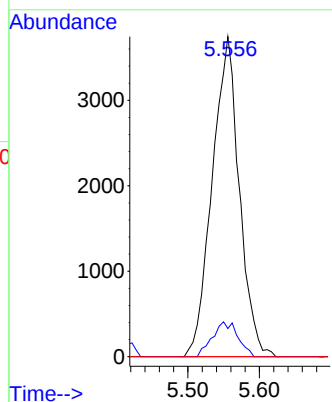
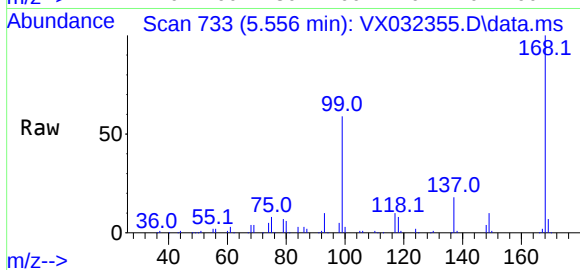
Tgt Ion: 75 Resp: 9858

Ion Ratio Lower Upper

75 100

110 10.3 18.4 55.0#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.859 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX032355.D

Acq: 25 Oct 2022 11:28

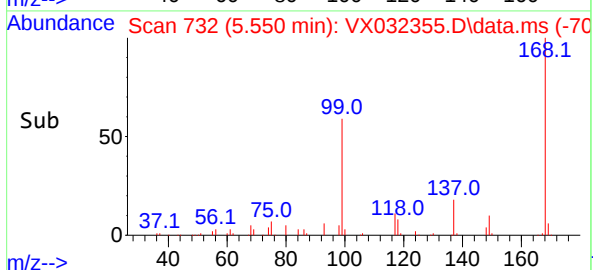
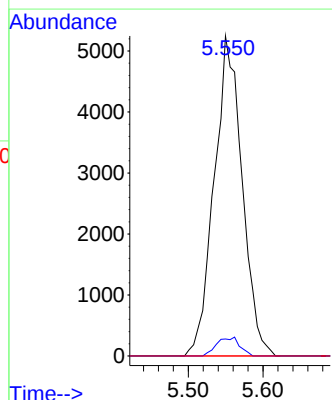
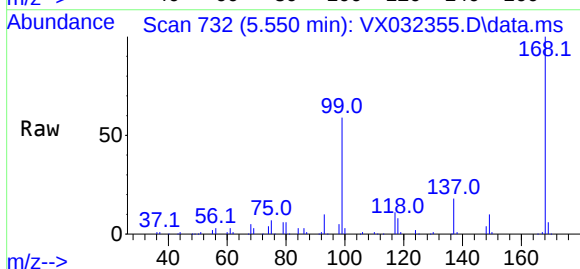
Tgt Ion: 117 Resp: 13637

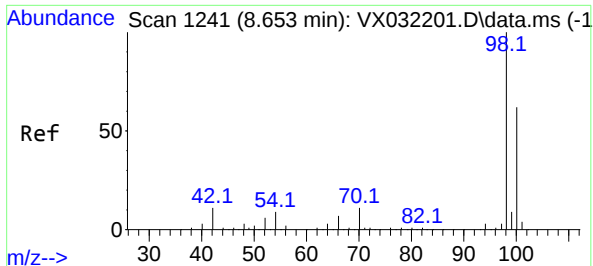
Ion Ratio Lower Upper

117 100

119 5.3 75.4 113.0#

121 0.0 23.9 35.9#

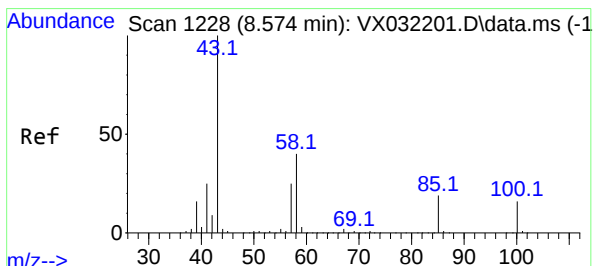
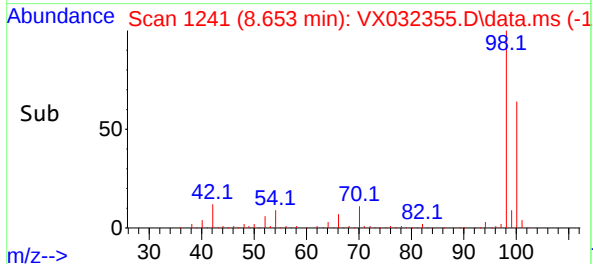
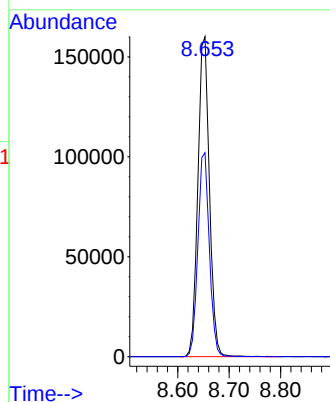
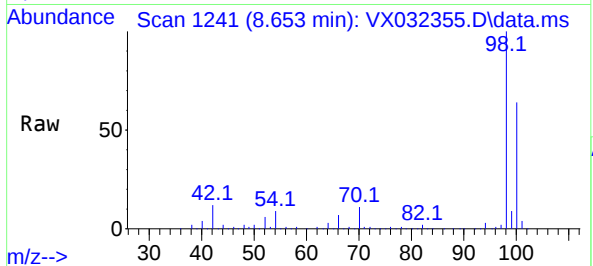




#50
Toluene-d8
Concen: 47.189 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032355.D
Acq: 25 Oct 2022 11:28

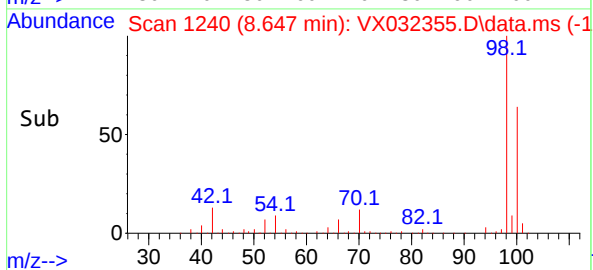
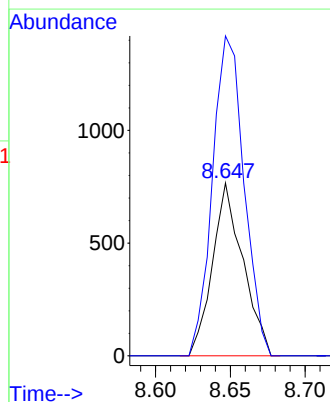
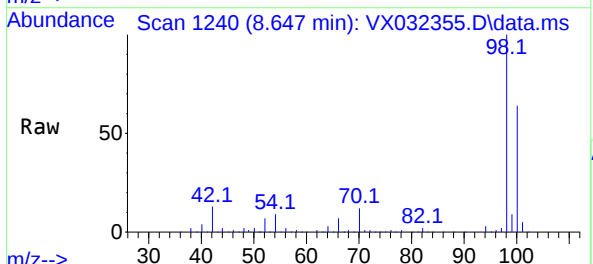
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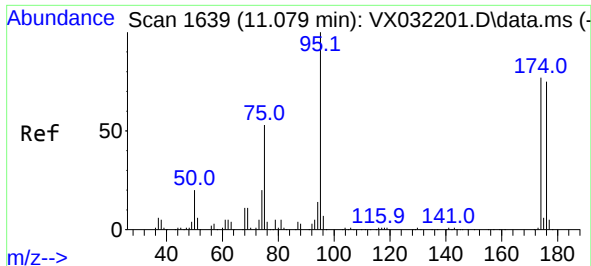
Tgt Ion: 98 Resp: 248688
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.599 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032355.D
Acq: 25 Oct 2022 11:28

Tgt Ion: 43 Resp: 1086
Ion Ratio Lower Upper
43 100
58 192.0 31.0 46.4#

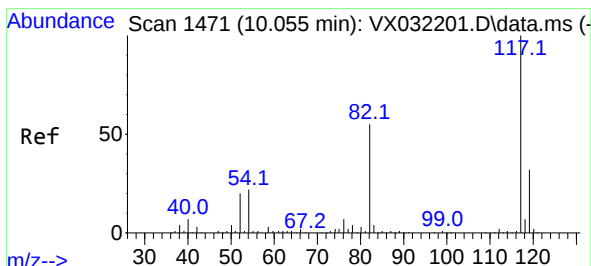
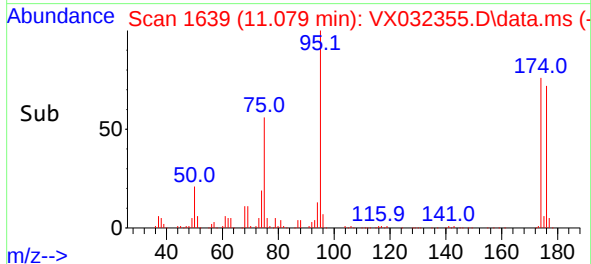
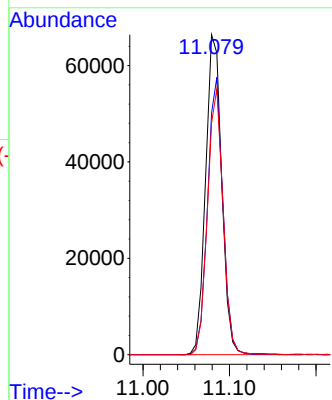
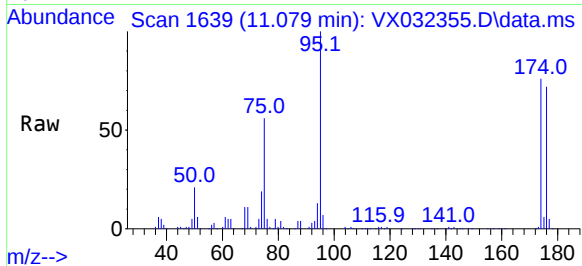




#62
4-Bromofluorobenzene
Concen: 44.502 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032355.D
Acq: 25 Oct 2022 11:28

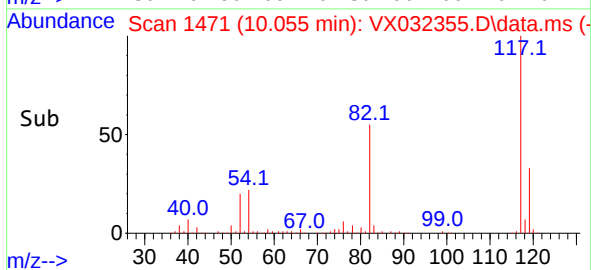
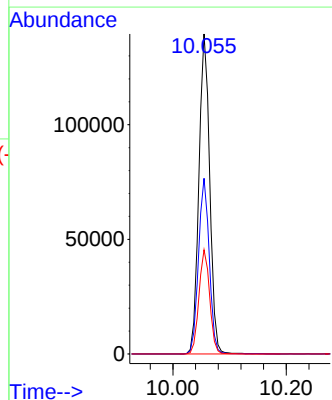
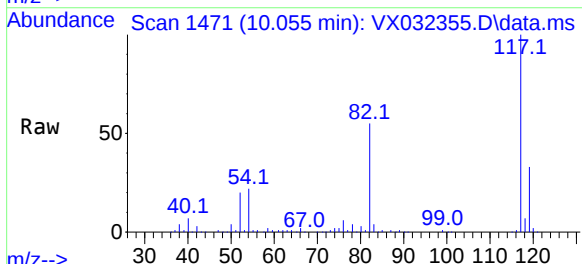
Instrument :
MSVOA_X
ClientSampleId :
VX1025WBL01

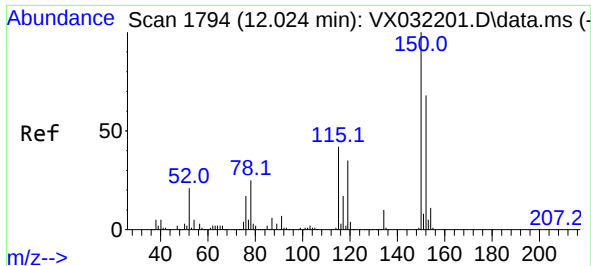
Tgt Ion: 95 Resp: 85880
Ion Ratio Lower Upper
95 100
174 82.6 0.0 166.8
176 80.4 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032355.D
Acq: 25 Oct 2022 11:28

Tgt Ion: 117 Resp: 184720
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.4
119 32.6 25.8 38.8

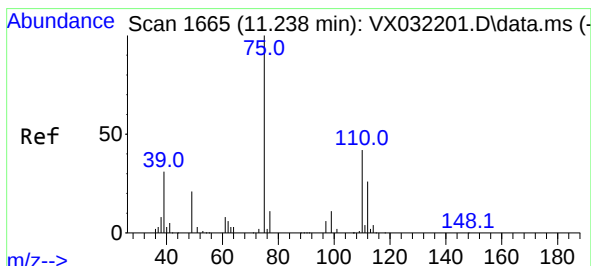
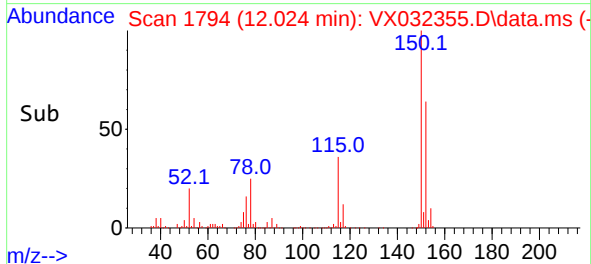
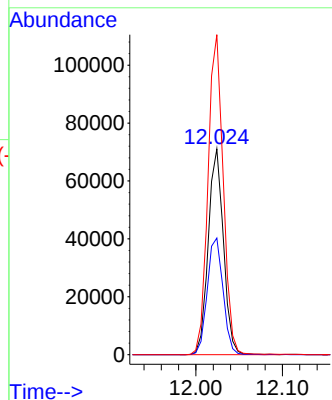
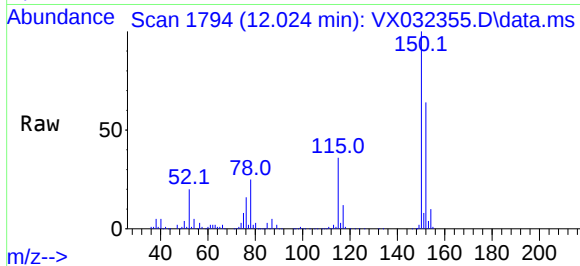




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032355.D
 Acq: 25 Oct 2022 11:28

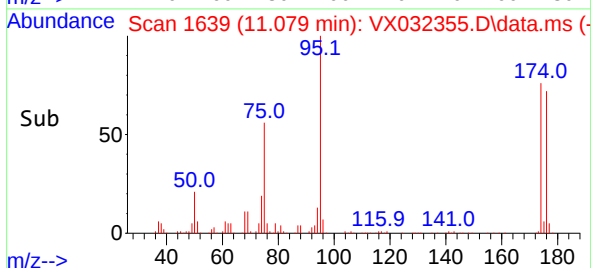
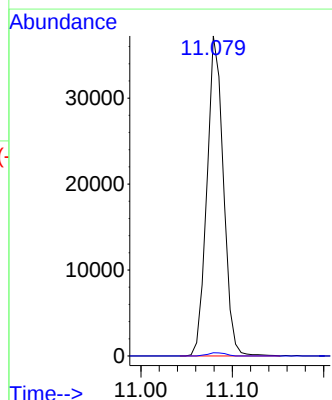
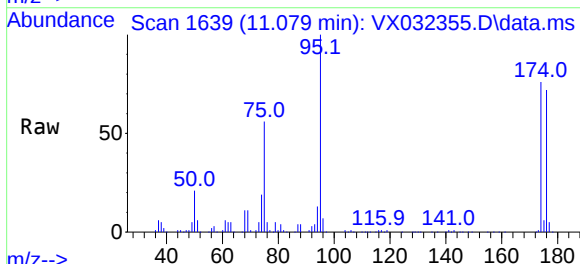
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBL01

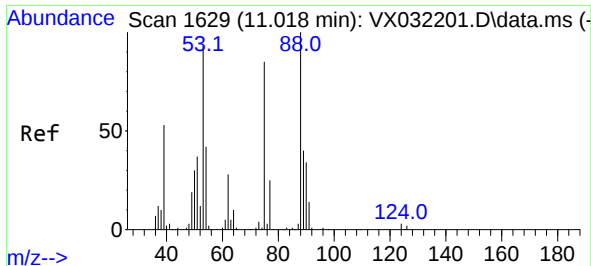
Tgt Ion:152 Resp: 86630
 Ion Ratio Lower Upper
 152 100
 115 58.9 43.1 129.4
 150 156.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.086 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX032355.D
 Acq: 25 Oct 2022 11:28

Tgt Ion: 75 Resp: 46494
 Ion Ratio Lower Upper
 75 100
 77 1.1 16.0 47.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.159 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032355.D
 Acq: 25 Oct 2022 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1025WBL01

Tgt Ion: 75 Resp: 46494
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.8 131.8#
 89 0.0 37.8 56.8#

