

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120122\
 Data File : VX033149.D
 Acq On : 01 Dec 2022 09:42
 Operator : JC/MD
 Sample : VX1201WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBL01

Quant Time: Dec 02 00:46:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

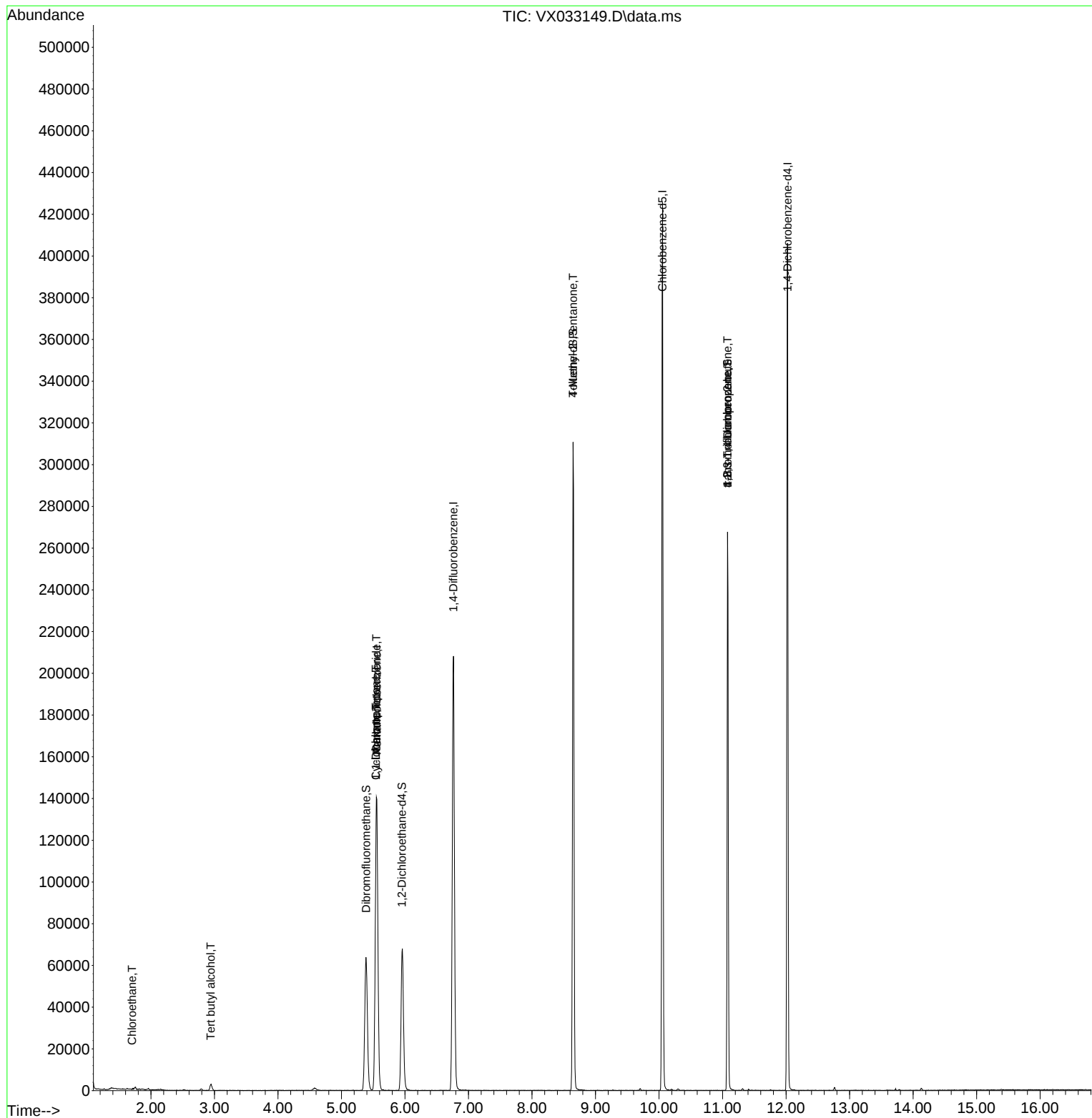
Internal Standards						
1) Pentafluorobenzene	5.556	168	134334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69160	52.867	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.740%
35) Dibromofluoromethane	5.385	113	55512	46.305	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	8.647	98	183306	50.856	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.720%
62) 4-Bromofluorobenzene	11.079	95	67599	42.926	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.860%
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	206	0.205	ug/l #	42
11) Tert butyl alcohol	2.940	59	1875	9.041	ug/l #	72
20) Methylene Chloride	2.788	84	343	Below Cal	#	75
31) Cyclohexane	5.544	56	2939	1.387	ug/l #	18
36) 1,1-Dichloropropene	5.544	75	10589	5.524	ug/l #	48
38) Carbon Tetrachloride	5.550	117	13787	6.484	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	820	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36479	22.418	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36479	72.868	ug/l #	6

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

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MSVOA_X
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VX1201WBL01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
Response via : Initial Calibration

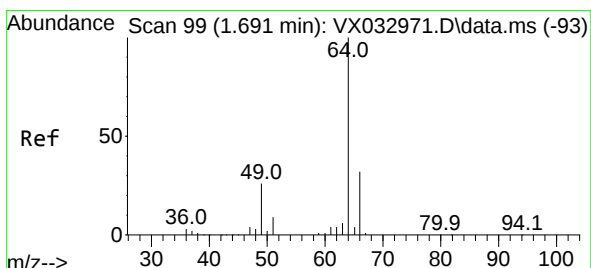
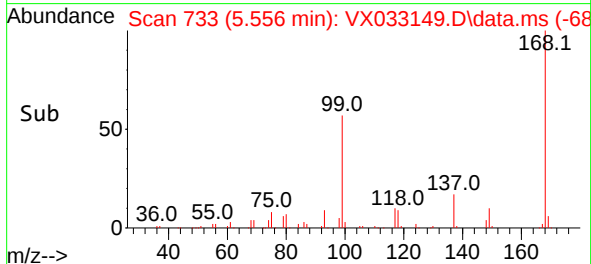
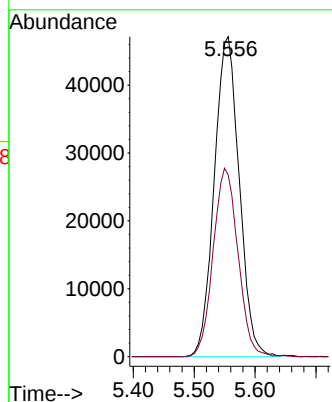
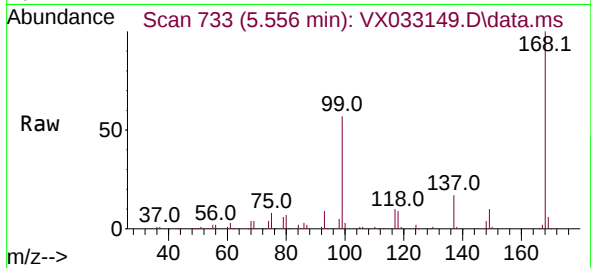




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033149.D
Acq: 01 Dec 2022 09:42

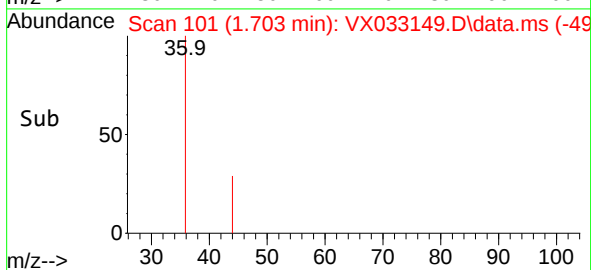
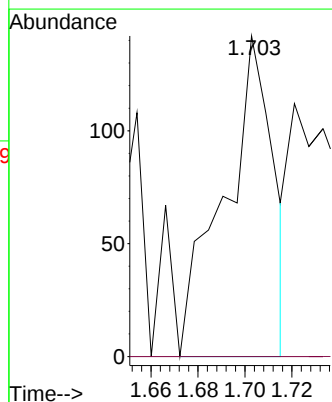
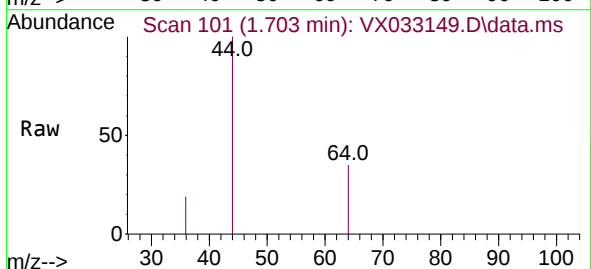
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBL01

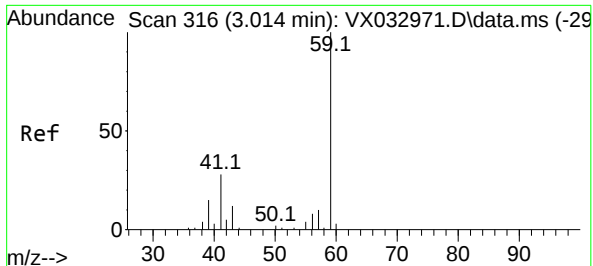
Tgt Ion:168 Resp: 134334
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1



#6
Chloroethane
Concen: 0.205 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX033149.D
Acq: 01 Dec 2022 09:42

Tgt Ion: 64 Resp: 206
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 9.041 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.025 min

Lab File: VX033149.D

Acq: 01 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

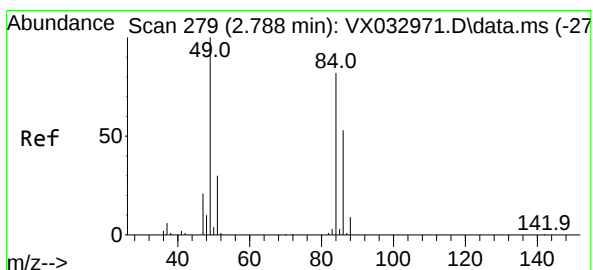
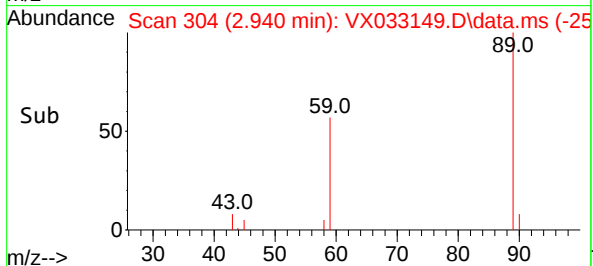
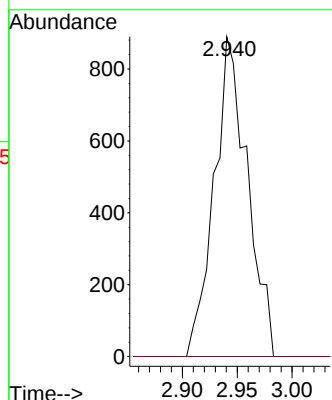
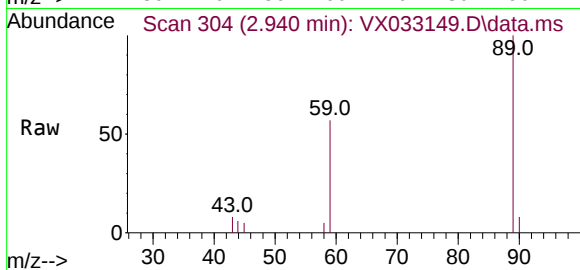
VX1201WBL01

Tgt Ion: 59 Resp: 1875

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX033149.D

Acq: 01 Dec 2022 09:42

Tgt Ion: 84 Resp: 343

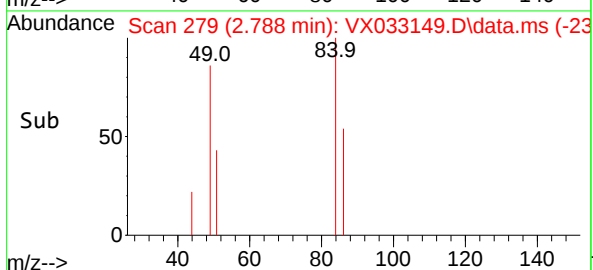
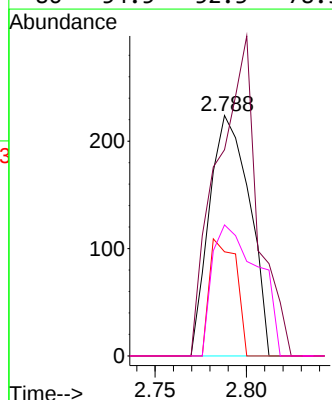
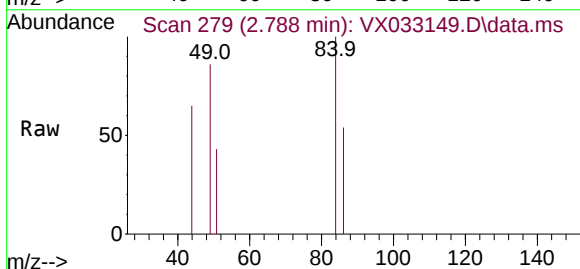
Ion Ratio Lower Upper

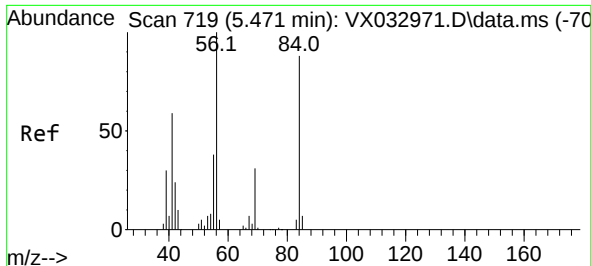
84 100

49 85.7 101.0 151.6#

51 43.3 31.1 46.7

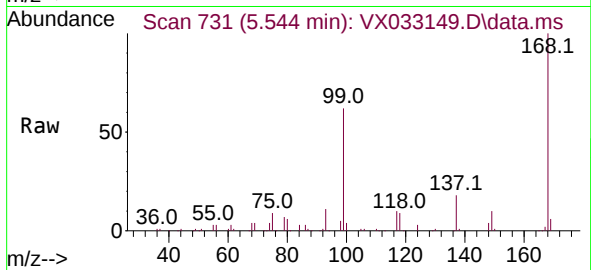
86 54.5 52.3 78.5



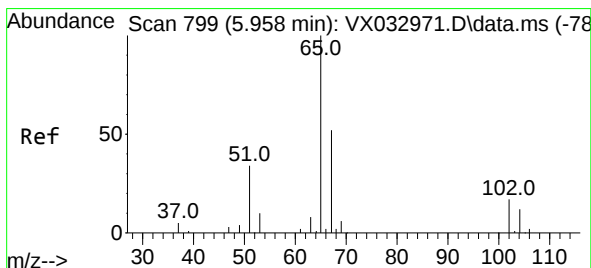
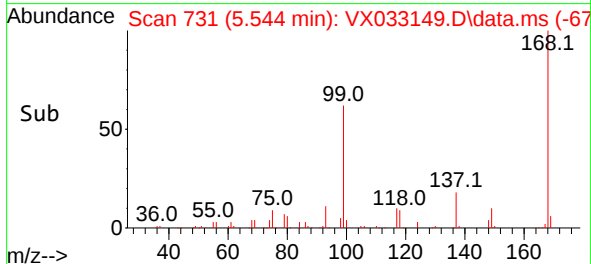
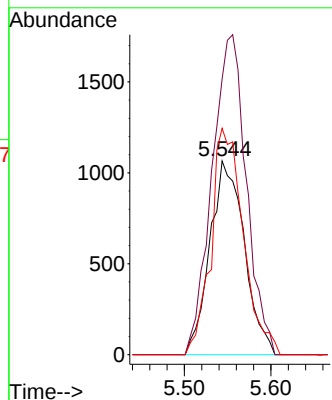


#31
Cyclohexane
Concen: 1.387 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX033149.D
Acq: 01 Dec 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX1201WBL01

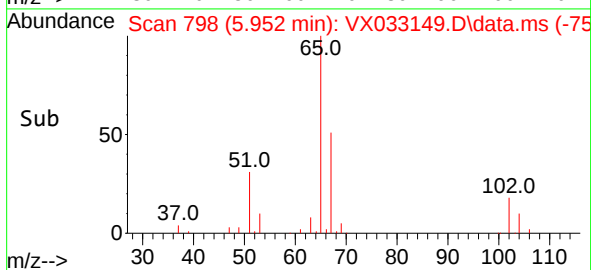
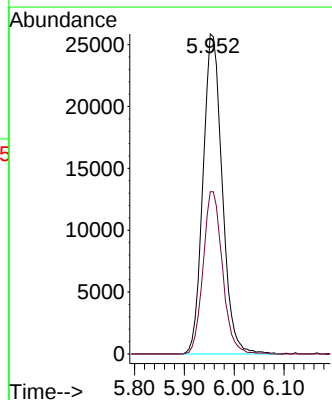
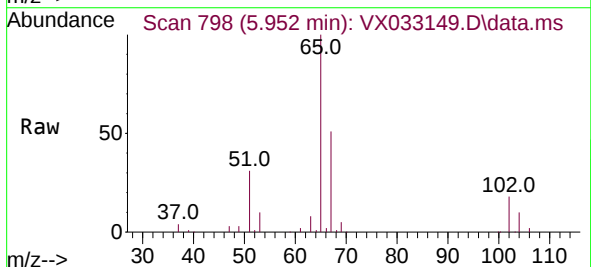


Tgt Ion: 56 Resp: 2939
Ion Ratio Lower Upper
56 100
69 142.2 24.1 36.1#
84 116.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.867 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX033149.D
Acq: 01 Dec 2022 09:42

Tgt Ion: 65 Resp: 69160
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8

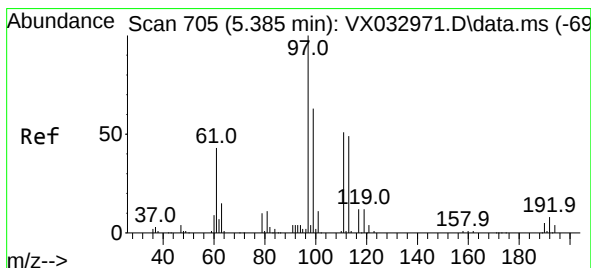
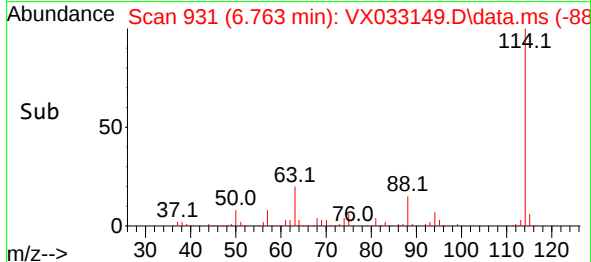
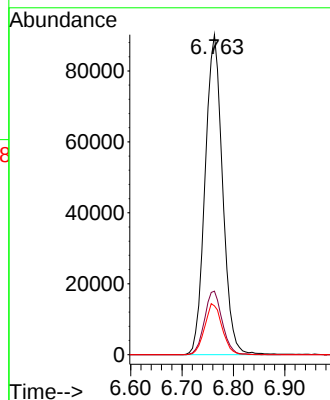
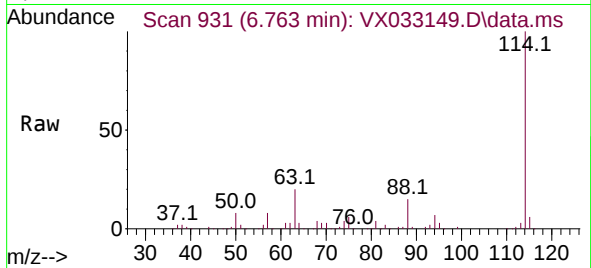




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033149.D
Acq: 01 Dec 2022 09:42

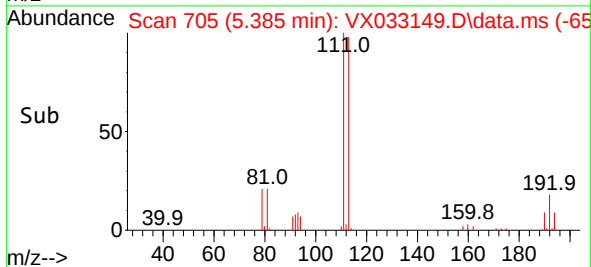
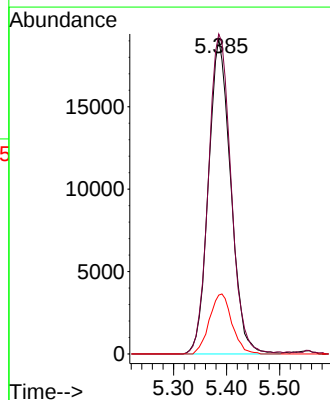
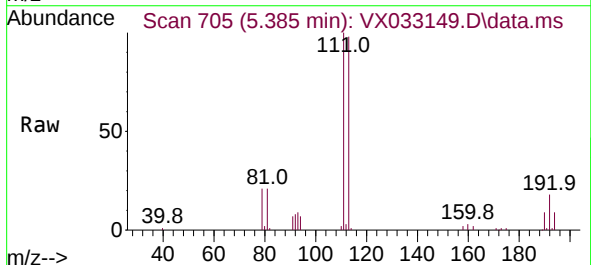
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBL01

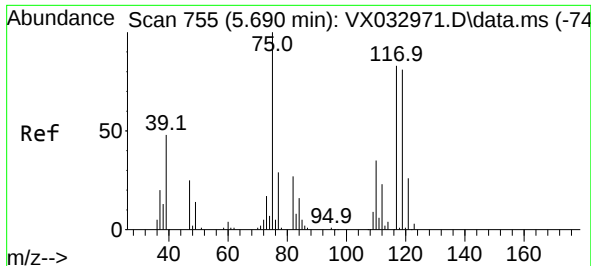
Tgt Ion:114 Resp: 212647
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.6
88 15.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.305 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033149.D
Acq: 01 Dec 2022 09:42

Tgt Ion:113 Resp: 55512
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 19.3 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.524 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.152 min

Lab File: VX033149.D

Acq: 01 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBL01

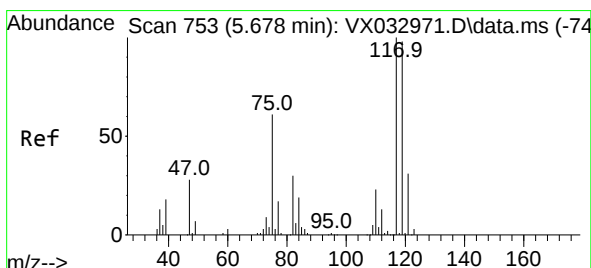
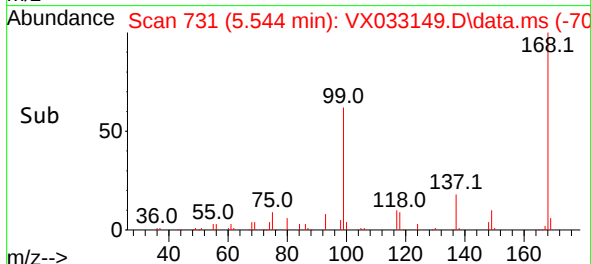
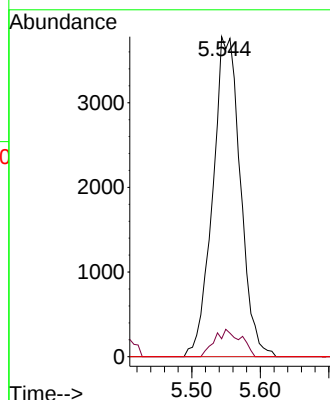
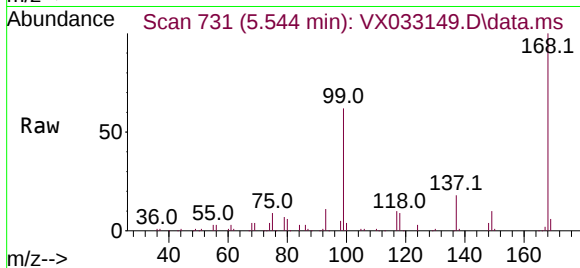
Tgt Ion: 75 Resp: 10589

Ion Ratio Lower Upper

75 100

110 8.1 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.484 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX033149.D

Acq: 01 Dec 2022 09:42

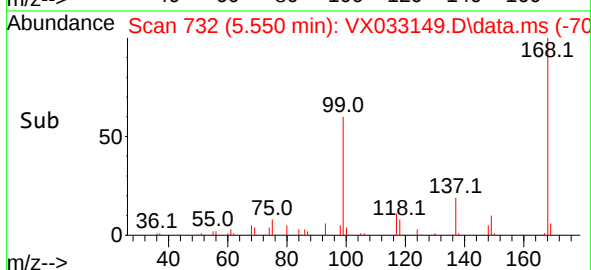
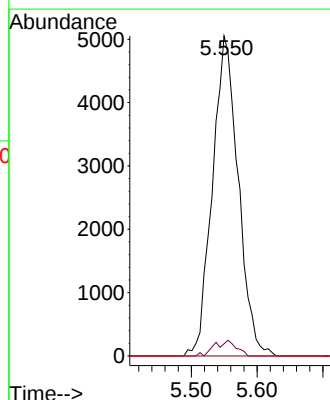
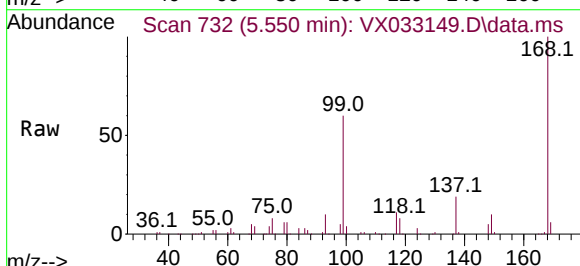
Tgt Ion: 117 Resp: 13787

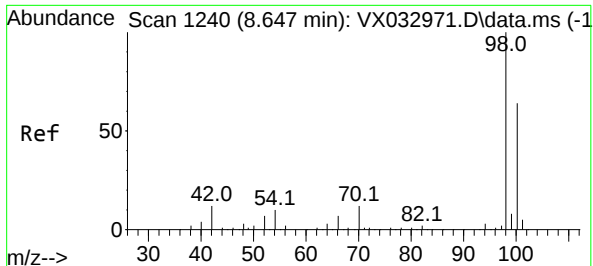
Ion Ratio Lower Upper

117 100

119 3.8 77.2 115.8#

121 0.0 25.8 38.6#

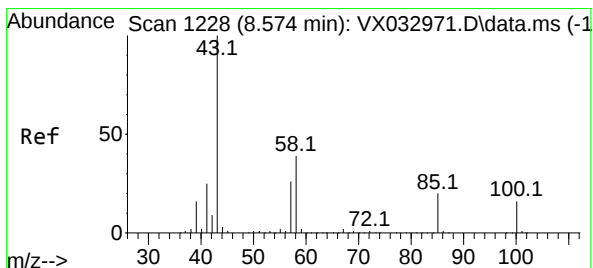
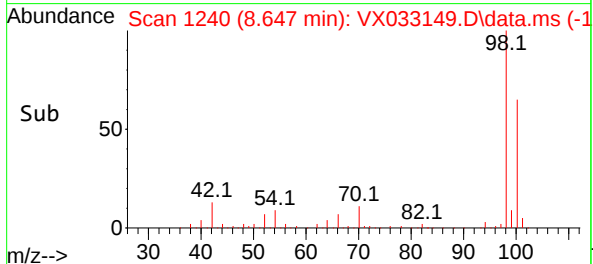
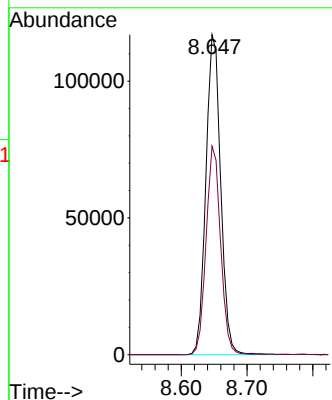
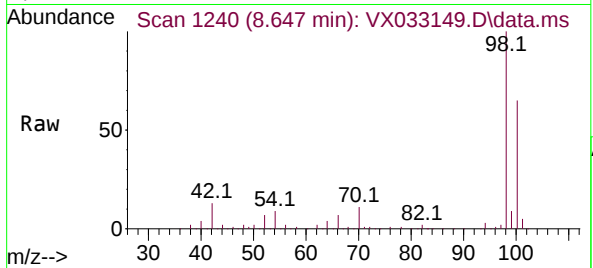




#50
Toluene-d8
Concen: 50.856 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033149.D
Acq: 01 Dec 2022 09:42

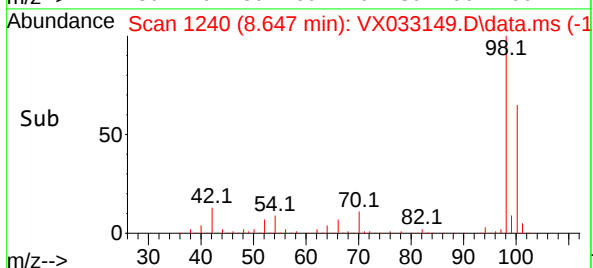
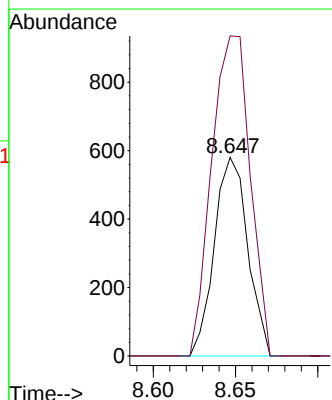
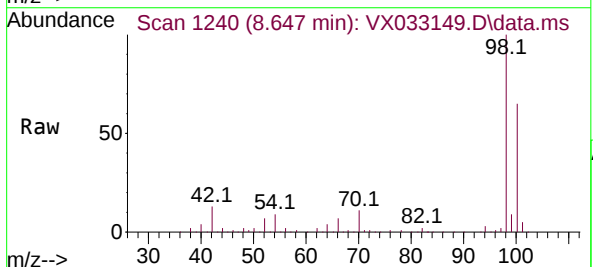
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBL01

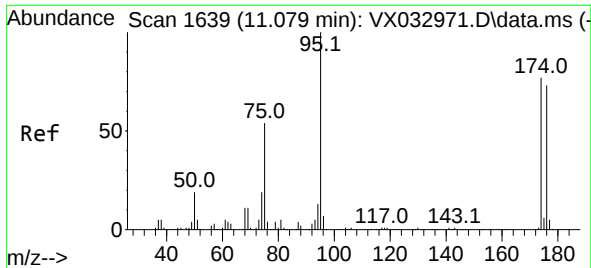
Tgt Ion: 98 Resp: 183306
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033149.D
Acq: 01 Dec 2022 09:42

Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 185.9 30.9 46.3#





#62

4-Bromofluorobenzene

Concen: 42.926 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033149.D

Acq: 01 Dec 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX1201WBL01

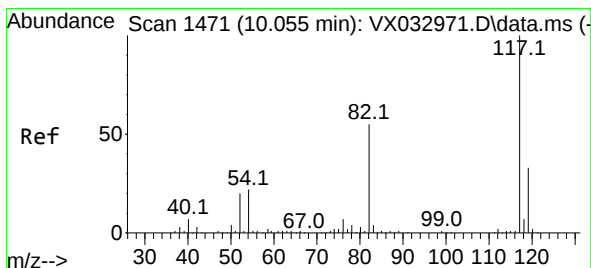
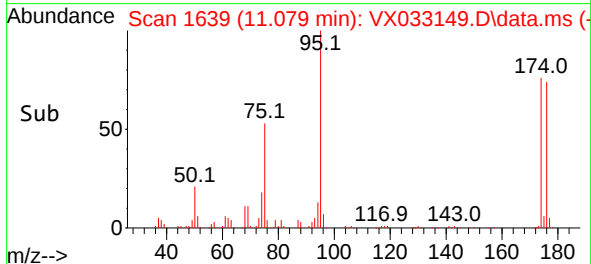
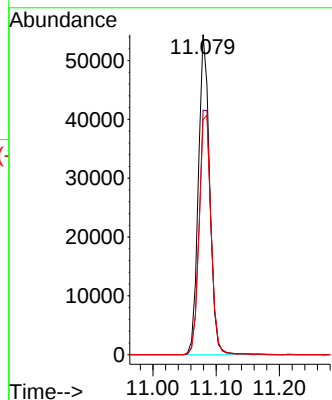
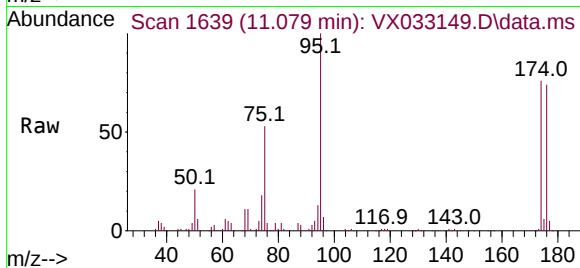
Tgt Ion: 95 Resp: 67599

Ion Ratio Lower Upper

95 100

174 80.2 0.0 164.0

176 78.4 0.0 154.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033149.D

Acq: 01 Dec 2022 09:42

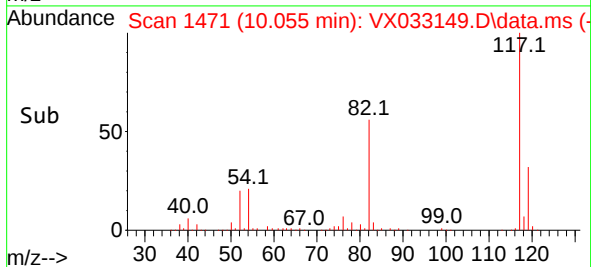
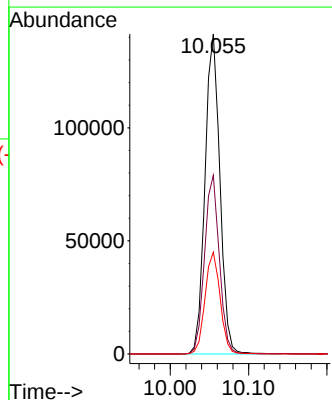
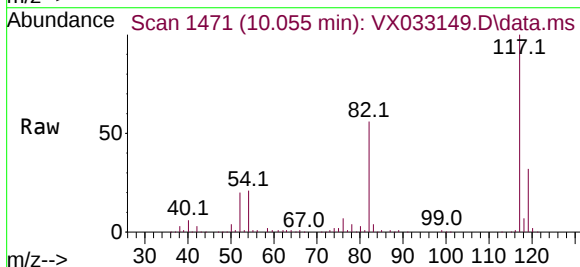
Tgt Ion: 117 Resp: 186715

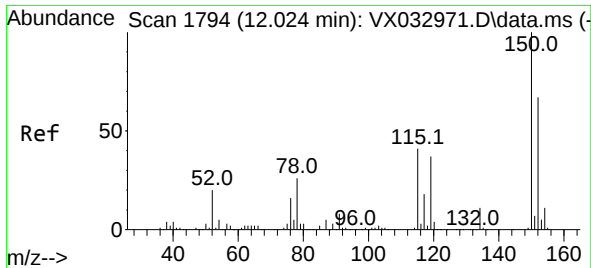
Ion Ratio Lower Upper

117 100

82 55.9 44.3 66.5

119 31.8 25.7 38.5

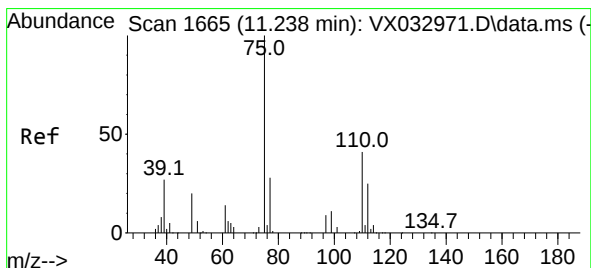
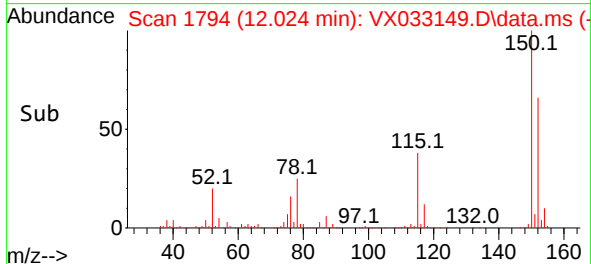
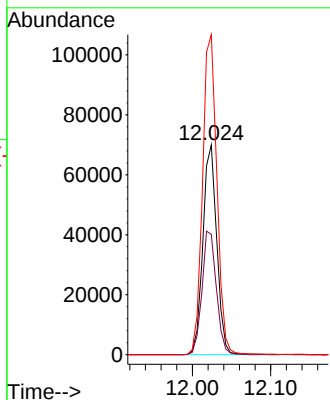
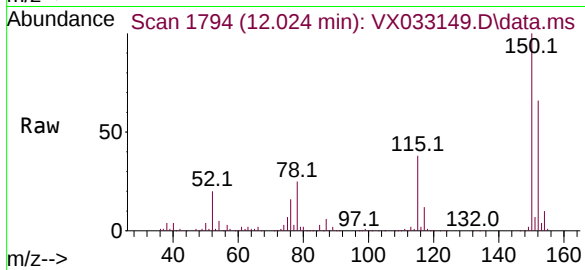




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033149.D
Acq: 01 Dec 2022 09:42

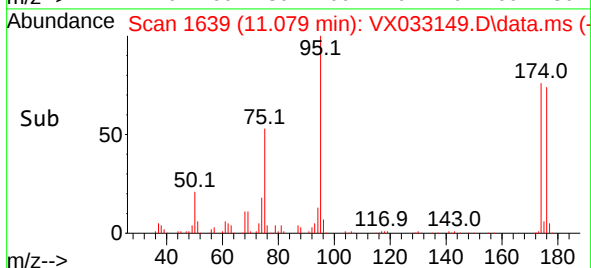
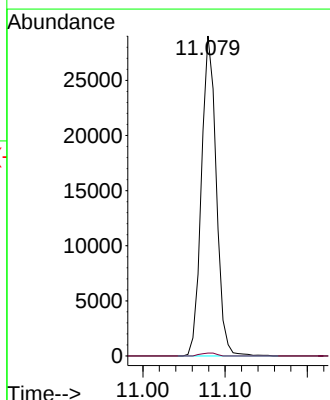
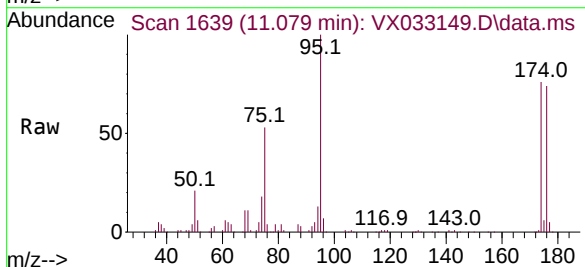
Instrument :
MSVOA_X
ClientSampleId :
VX1201WBL01

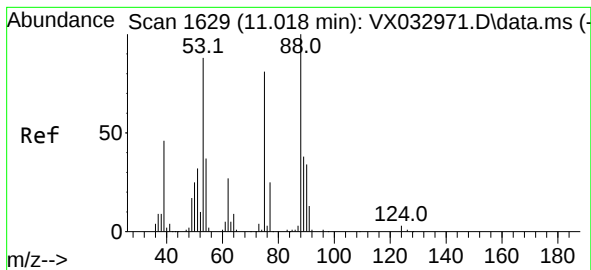
Tgt Ion:152 Resp: 85923
Ion Ratio Lower Upper
152 100
115 60.9 44.0 132.0
150 157.8 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 22.418 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033149.D
Acq: 01 Dec 2022 09:42

Tgt Ion: 75 Resp: 36479
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.868 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX033149.D
 Acq: 01 Dec 2022 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBL01

Tgt Ion: 75 Resp: 36479
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

