

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031723\
 Data File : VX034602.D
 Acq On : 18 Mar 2023 01:15
 Operator : JC/MD
 Sample : VX0317WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBL02

Quant Time: Mar 20 00:11:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

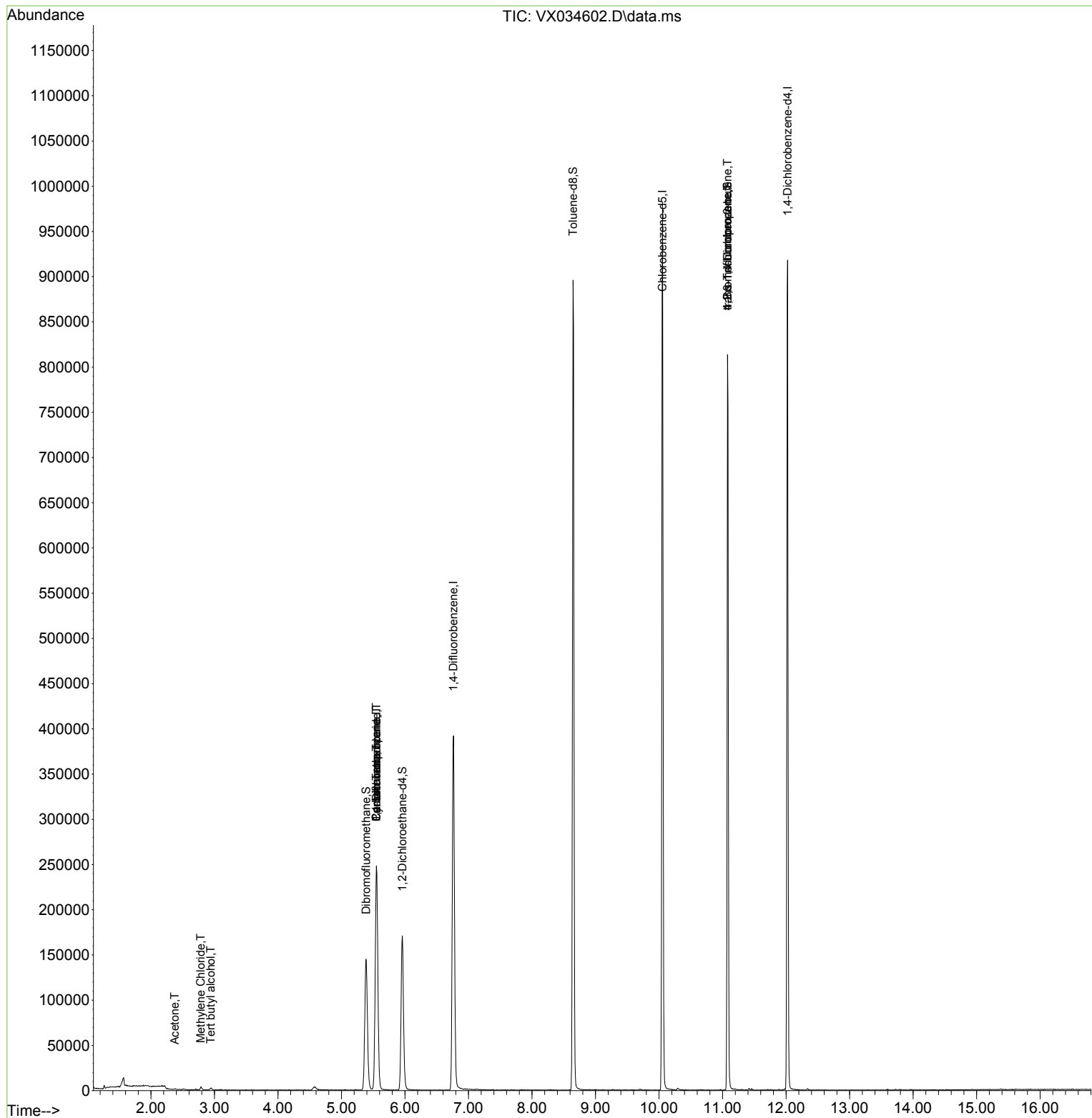
Internal Standards						
1) Pentafluorobenzene	5.550	168	230428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	396731	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	421303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163421	48.749	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.500%
35) Dibromofluoromethane	5.385	113	123449	47.129	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	8.647	98	507006	51.850	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.700%
62) 4-Bromofluorobenzene	11.079	95	218819	55.401	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.306	50	460	Below Cal		98
11) Tert butyl alcohol	2.940	59	1422	2.037 ug/l	#	73
16) Acetone	2.373	43	622	0.394 ug/l		91
20) Methylene Chloride	2.782	84	1290	0.421 ug/l		83
31) Cyclohexane	5.550	56	5851	1.245 ug/l	#	1
36) 1,1-Dichloropropene	5.550	75	19319	4.802 ug/l	#	51
38) Carbon Tetrachloride	5.550	117	24077	6.016 ug/l	#	15
76) 1,2,3-Trichloropropane	11.079	75	120306	29.201 ug/l	#	34
81) trans-1,4-Dichloro-2-b...	11.079	75	120306	78.999 ug/l	#	8

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

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MSVOA_X
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Quant Time: Mar 20 00:11:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

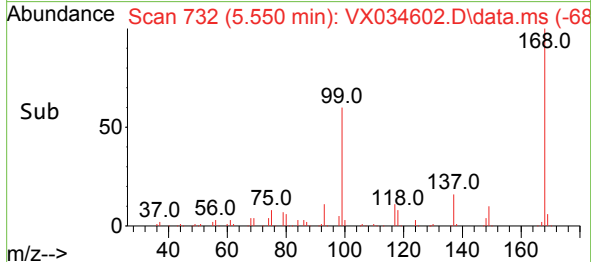
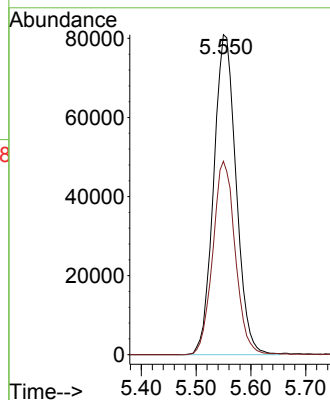
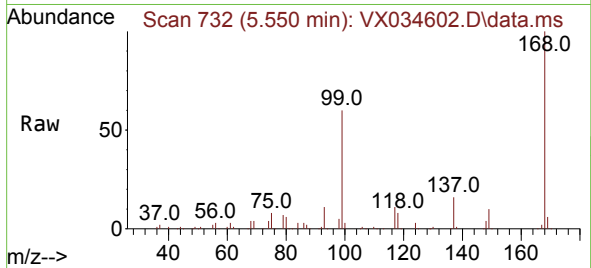




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034602.D
Acq: 18 Mar 2023 01:15

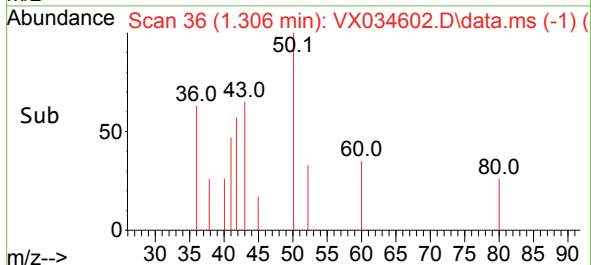
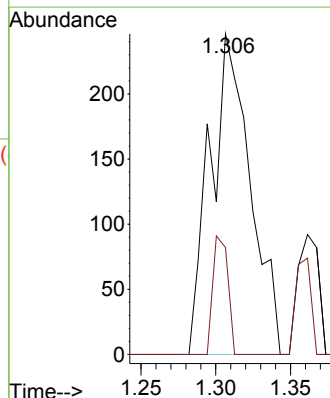
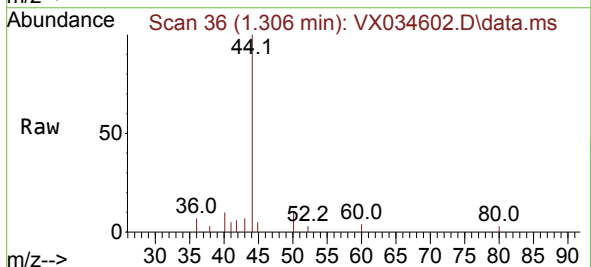
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL02

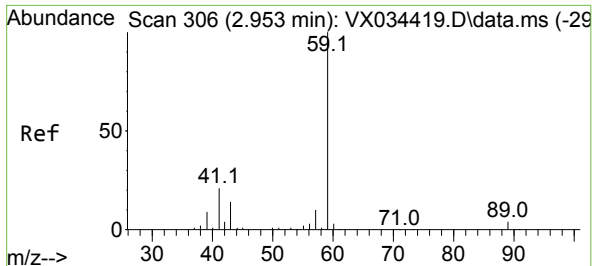
Tgt Ion:168 Resp: 230428
Ion Ratio Lower Upper
168 100
99 60.5 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.306 min Scan# 36
Delta R.T. 0.005 min
Lab File: VX034602.D
Acq: 18 Mar 2023 01:15

Tgt Ion: 50 Resp: 460
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9





#11

Tert butyl alcohol

Concen: 2.037 ug/l

RT: 2.940 min Scan# 306

Delta R.T. -0.012 min

Lab File: VX034602.D

Acq: 18 Mar 2023 01:15

Instrument :

MSVOA_X

ClientSampleId :

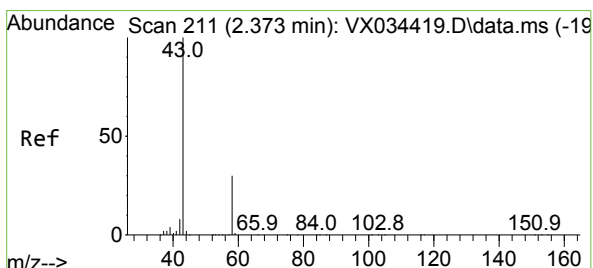
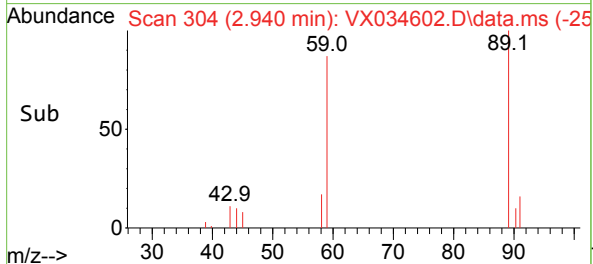
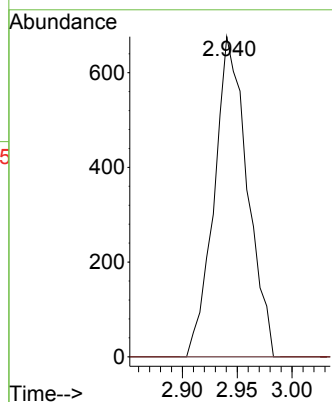
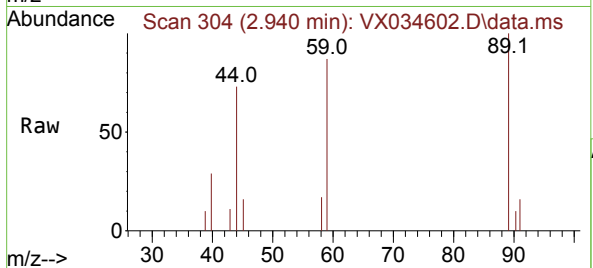
VX0317WBL02

Tgt Ion: 59 Resp: 1422

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 0.394 ug/l

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034602.D

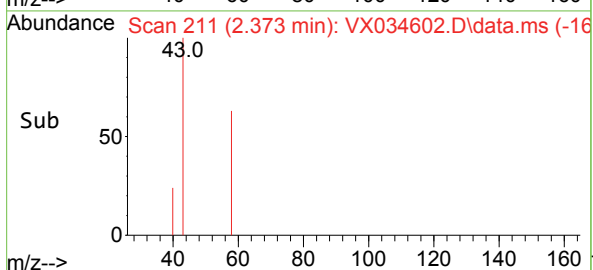
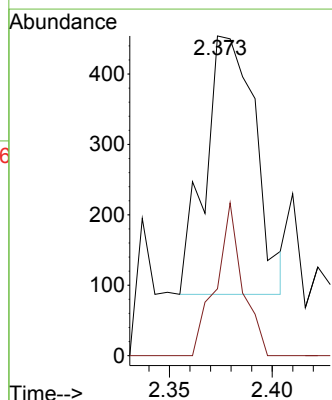
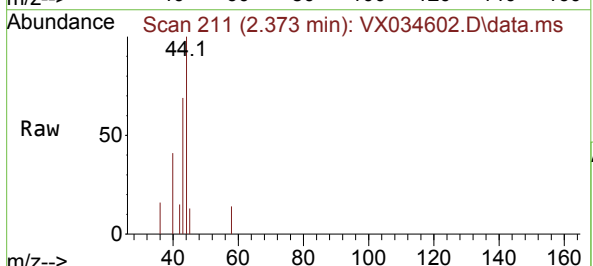
Acq: 18 Mar 2023 01:15

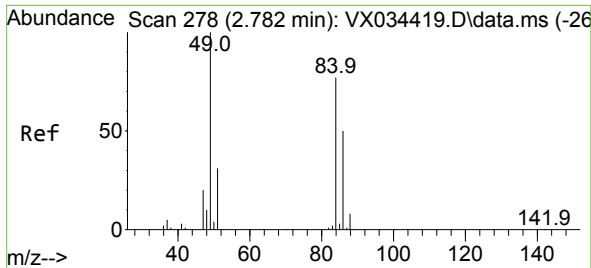
Tgt Ion: 43 Resp: 622

Ion Ratio Lower Upper

43 100

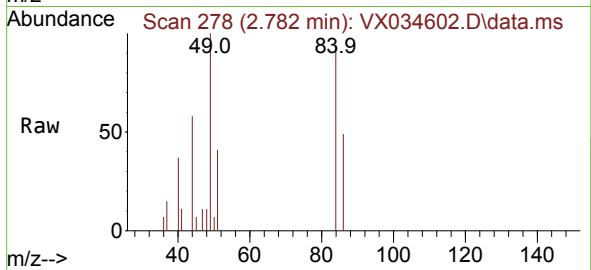
58 25.9 24.7 37.1



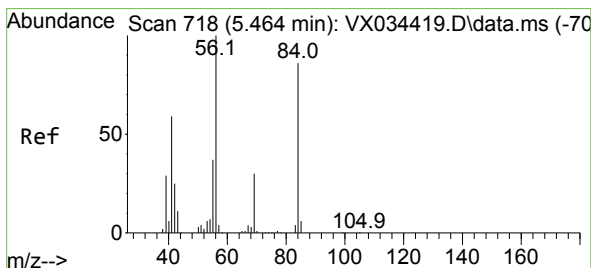
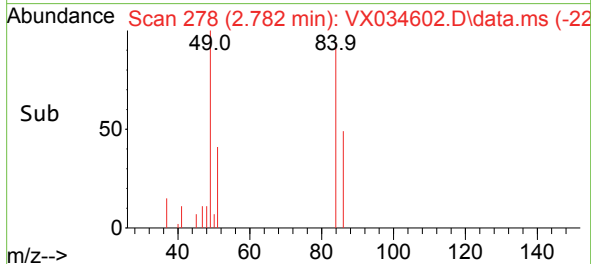
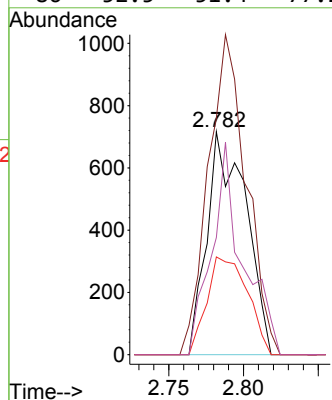


#20
Methylene Chloride
Concen: 0.421 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034602.D
Acq: 18 Mar 2023 01:15

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL02

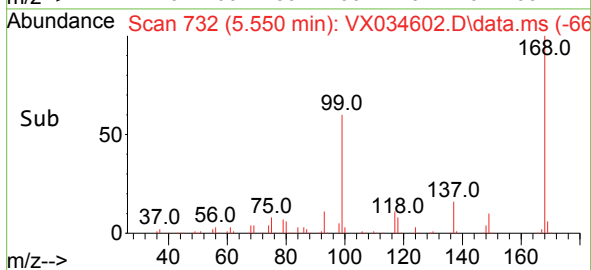
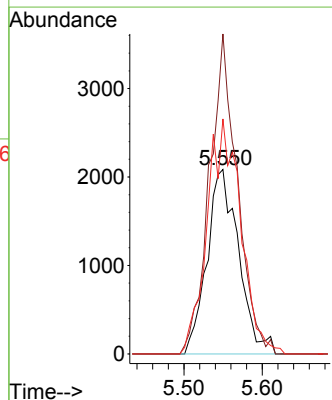
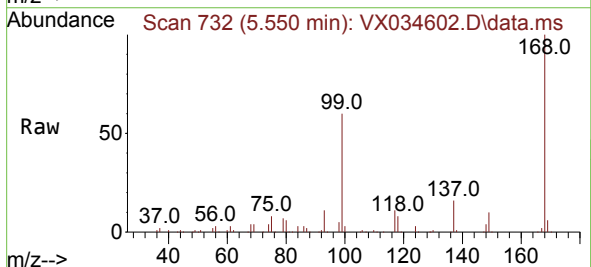


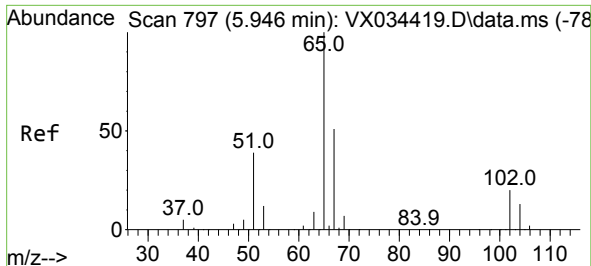
Tgt Ion:	84	Resp:	1290
Ion	Ratio	Lower	Upper
84	100		
49	106.1	103.8	155.8
51	43.9	31.8	47.8
86	52.5	51.4	77.2



#31
Cyclohexane
Concen: 1.245 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034602.D
Acq: 18 Mar 2023 01:15

Tgt Ion:	56	Resp:	5851
Ion	Ratio	Lower	Upper
56	100		
69	173.5	23.7	35.5#
84	127.4	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 48.749 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034602.D

Acq: 18 Mar 2023 01:15

Instrument :

MSVOA_X

ClientSampleId :

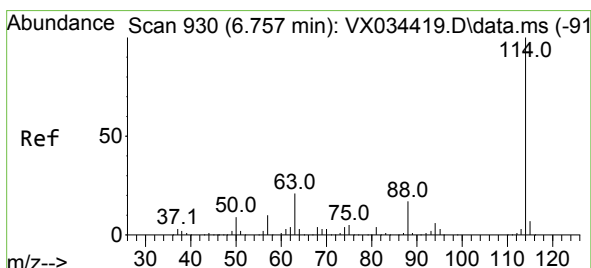
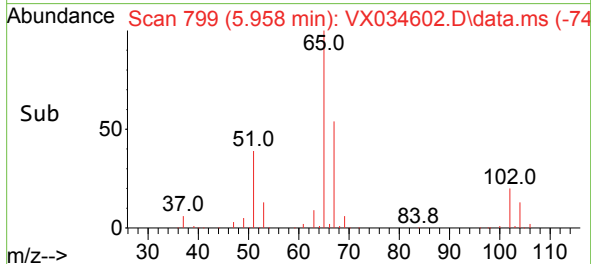
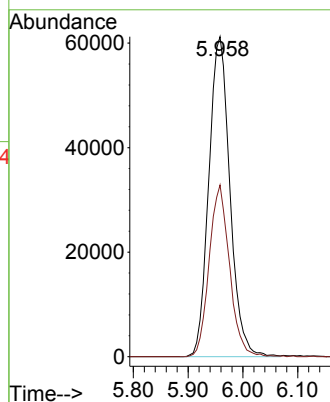
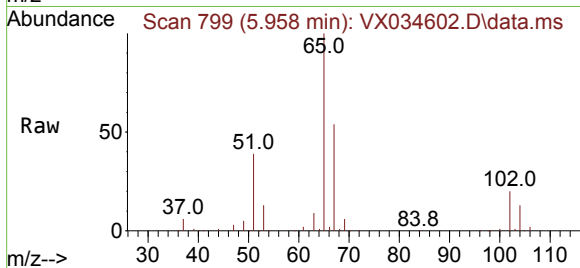
VX0317WBL02

Tgt Ion: 65 Resp: 163421

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034602.D

Acq: 18 Mar 2023 01:15

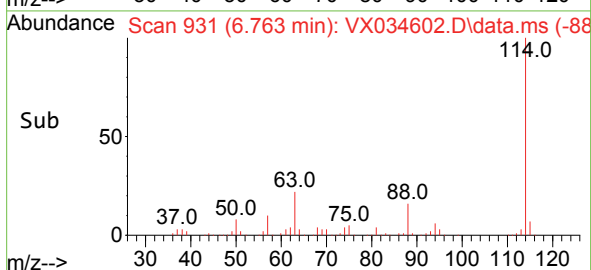
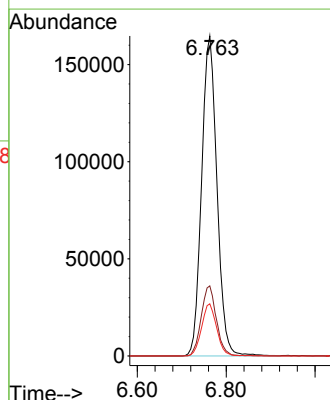
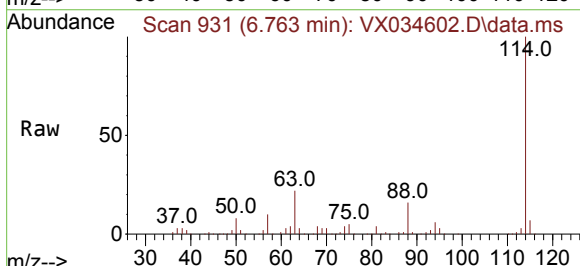
Tgt Ion: 114 Resp: 396731

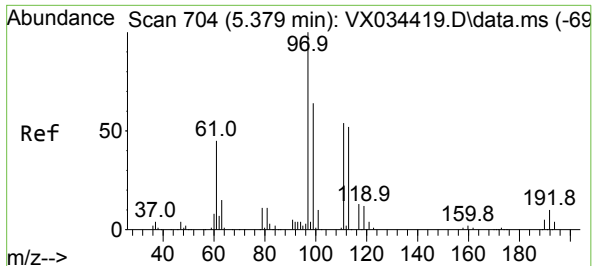
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.2

88 16.3 0.0 33.2

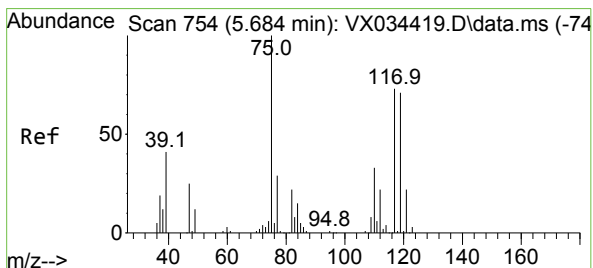
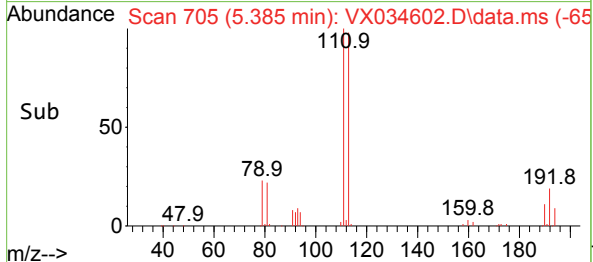
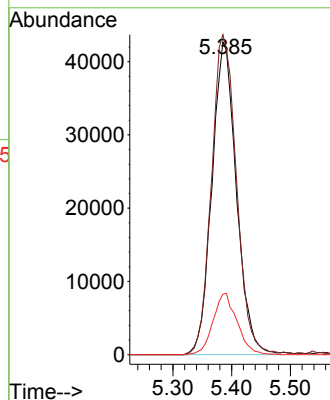
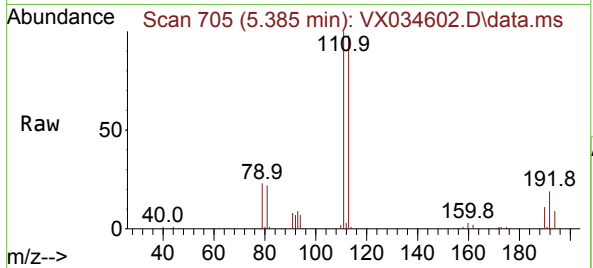




#35
 Dibromofluoromethane
 Concen: 47.129 ug/l
 RT: 5.385 min Scan# 704
 Delta R.T. 0.006 min
 Lab File: VX034602.D
 Acq: 18 Mar 2023 01:15

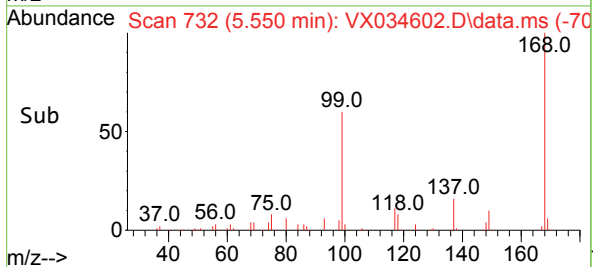
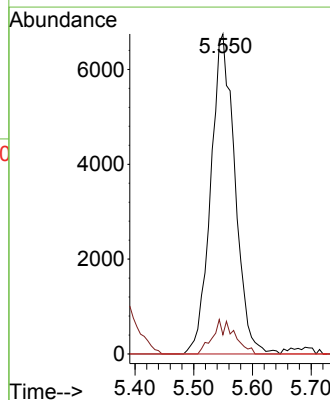
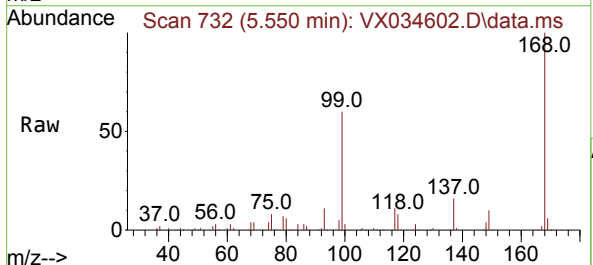
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBL02

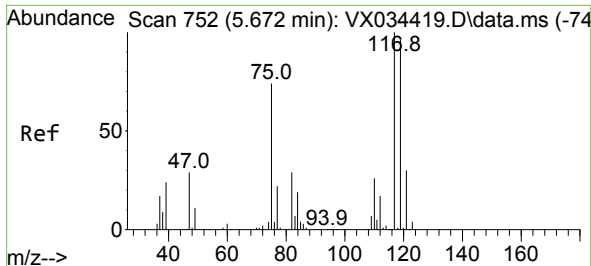
Tgt Ion:113 Resp: 123449
 Ion Ratio Lower Upper
 113 100
 111 104.7 83.7 125.5
 192 19.2 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 4.802 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.134 min
 Lab File: VX034602.D
 Acq: 18 Mar 2023 01:15

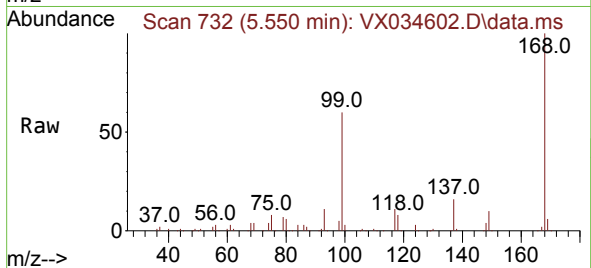
Tgt Ion: 75 Resp: 19319
 Ion Ratio Lower Upper
 75 100
 110 9.5 17.5 52.5#
 77 0.0 24.3 36.5#



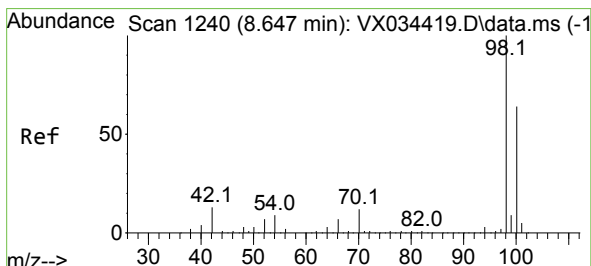
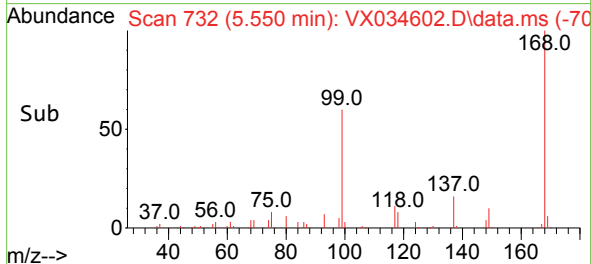
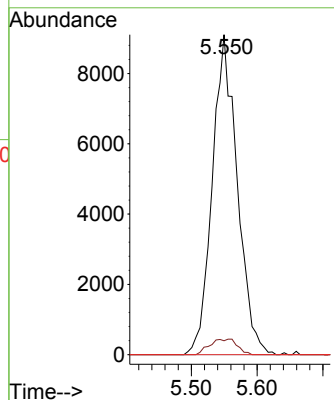


#38
Carbon Tetrachloride
Concen: 6.016 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034602.D
Acq: 18 Mar 2023 01:15

Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL02

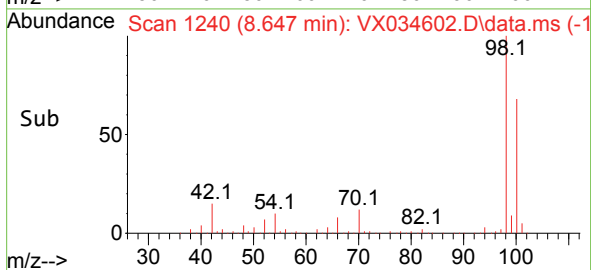
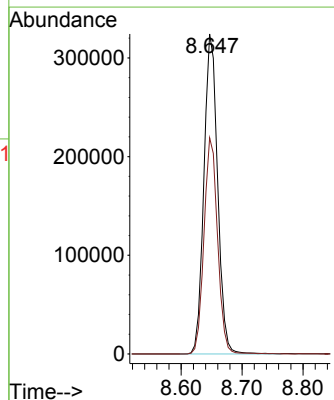
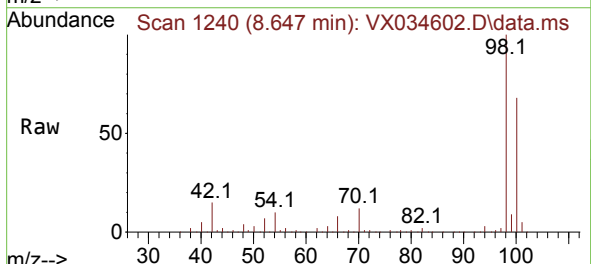


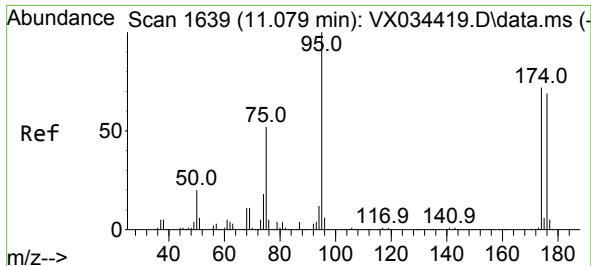
Tgt Ion:117 Resp: 24077
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 51.850 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX034602.D
Acq: 18 Mar 2023 01:15

Tgt Ion: 98 Resp: 507006
Ion Ratio Lower Upper
98 100
100 67.0 52.5 78.7

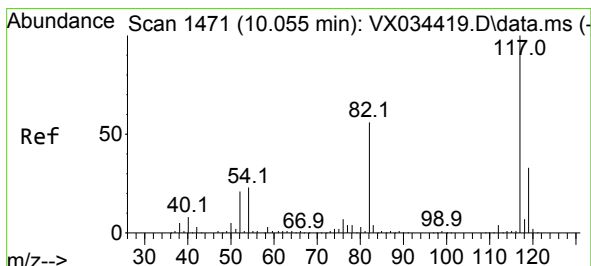
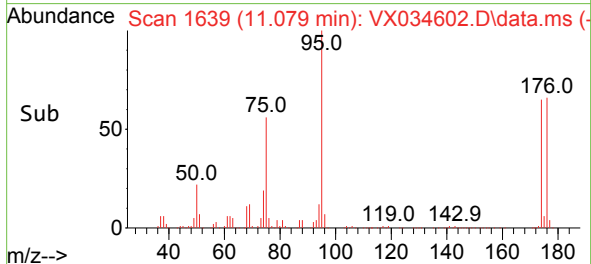
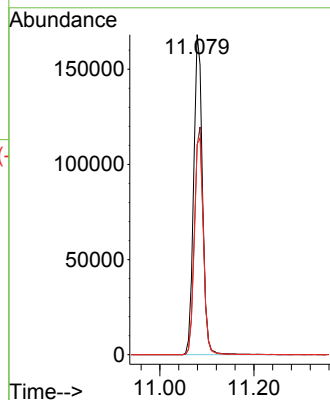
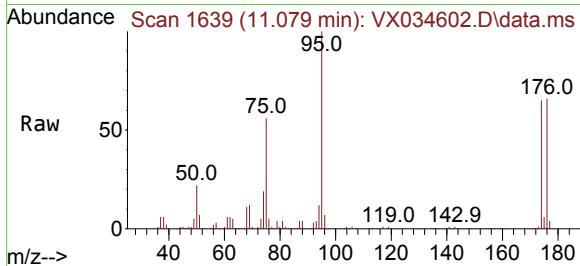




#62
4-Bromofluorobenzene
Concen: 55.401 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034602.D
Acq: 18 Mar 2023 01:15

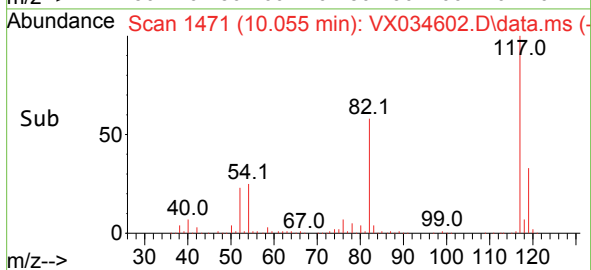
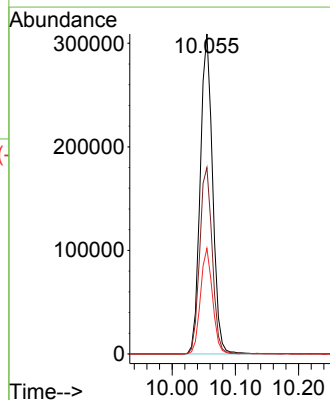
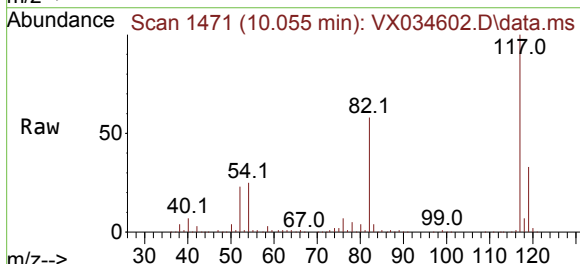
Instrument :
MSVOA_X
ClientSampleId :
VX0317WBL02

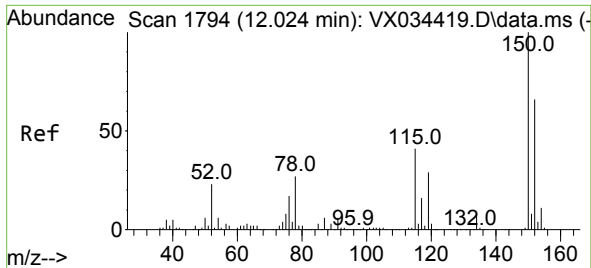
Tgt Ion: 95 Resp: 218819
Ion Ratio Lower Upper
95 100
174 72.1 0.0 147.4
176 69.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034602.D
Acq: 18 Mar 2023 01:15

Tgt Ion: 117 Resp: 421303
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 33.0 26.0 39.0

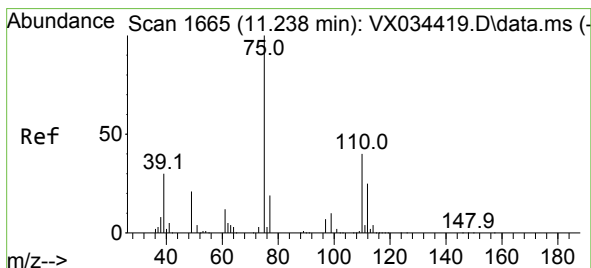
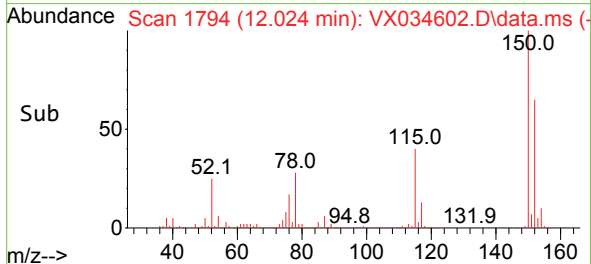
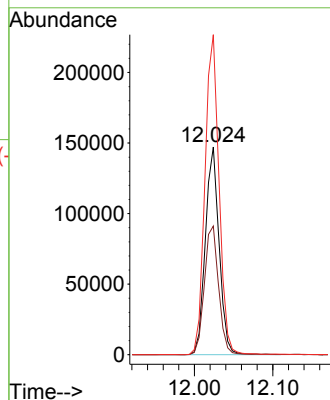
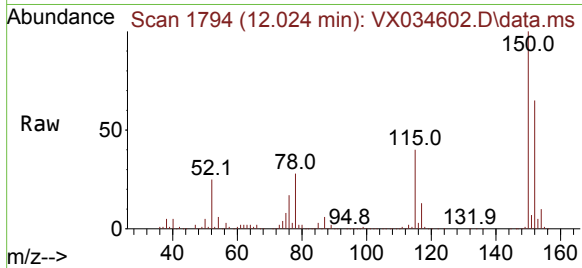




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034602.D
 Acq: 18 Mar 2023 01:15

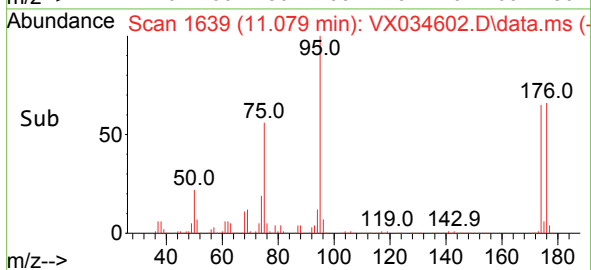
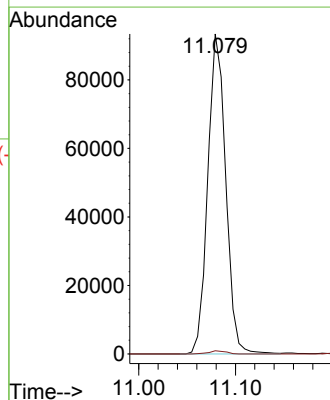
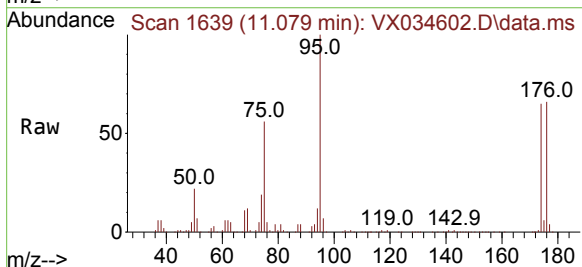
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBL02

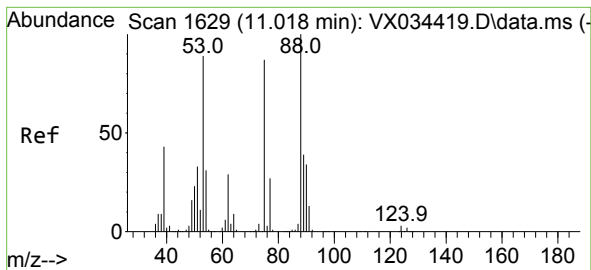
Tgt Ion:152 Resp: 179428
 Ion Ratio Lower Upper
 152 100
 115 64.3 45.0 135.0
 150 157.9 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 29.201 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034602.D
 Acq: 18 Mar 2023 01:15

Tgt Ion: 75 Resp: 120306
 Ion Ratio Lower Upper
 75 100
 77 0.9 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.999 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034602.D
 Acq: 18 Mar 2023 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0317WBL02

Tgt Ion: 75 Resp: 120306
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

