

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102822\
 Data File : VX032458.D
 Acq On : 28 Oct 2022 14:39
 Operator : JC/MD
 Sample : N5355-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5518-2

Quant Time: Oct 29 04:32:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	124545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203150	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83379	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82821	47.859	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.720%
35) Dibromofluoromethane	5.391	113	66087	45.606	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.220%
50) Toluene-d8	8.653	98	241405	47.909	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.820%
62) 4-Bromofluorobenzene	11.079	95	91229	46.350	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.700%

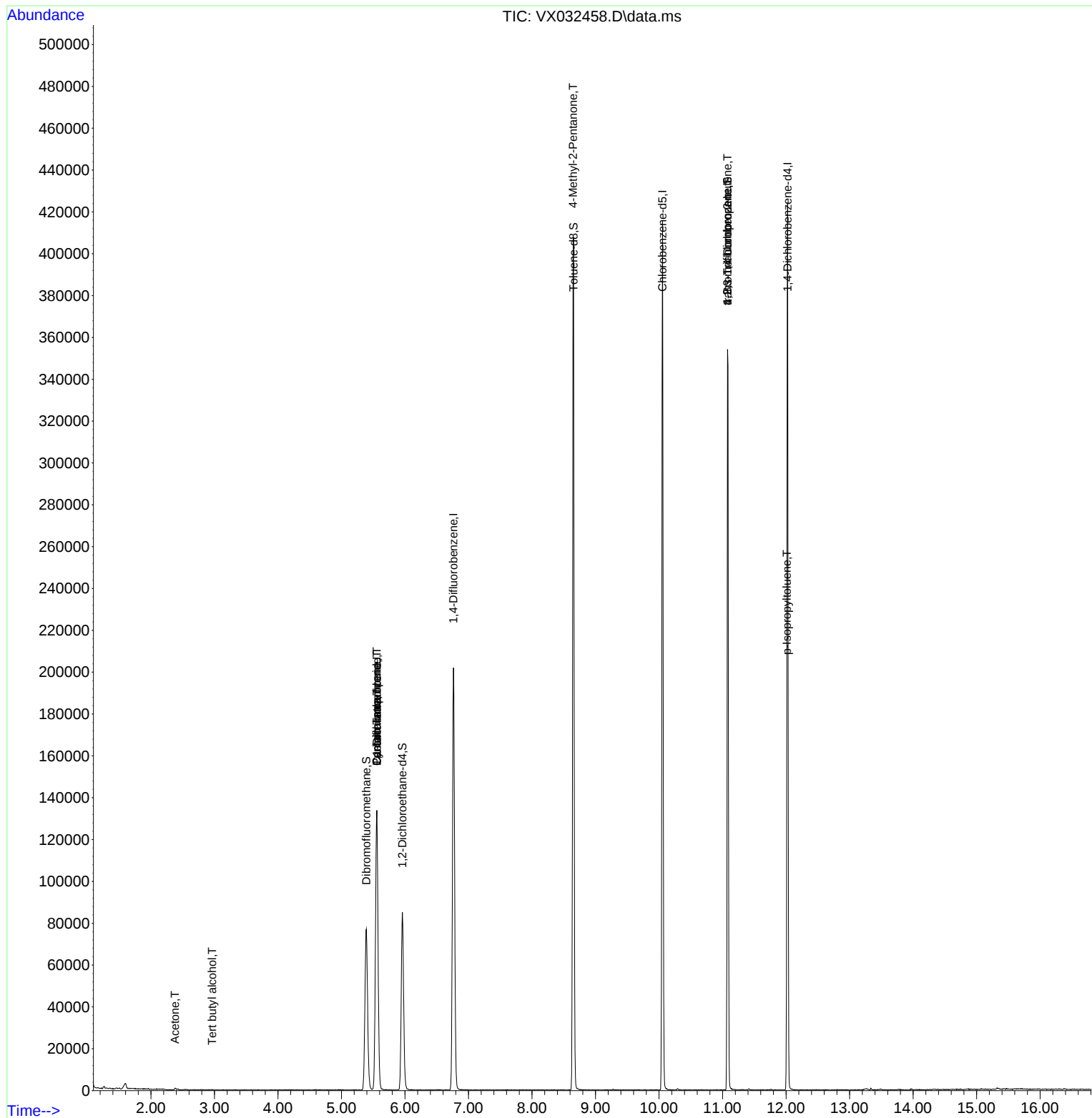
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	242	0.961	ug/l #	72
16) Acetone	2.379	43	1059	1.684	ug/l #	85
31) Cyclohexane	5.556	56	2656	1.266	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	9768	4.841	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12828	5.732	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1160	0.571	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49917	26.910	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	49917	85.627	ug/l #	6
86) p-Isopropyltoluene	12.012	119	2517	0.437	ug/l	85

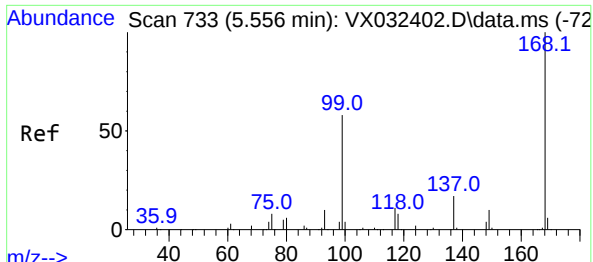
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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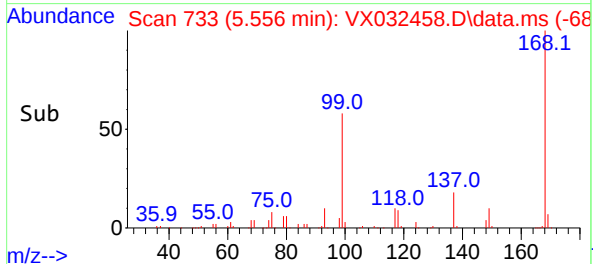
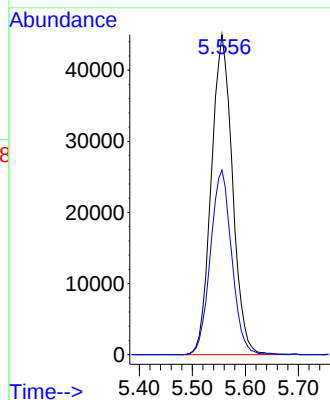
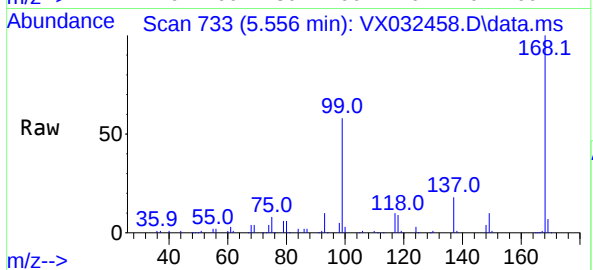




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032458.D
Acq: 28 Oct 2022 14:39

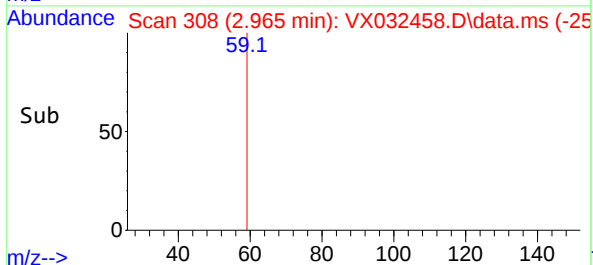
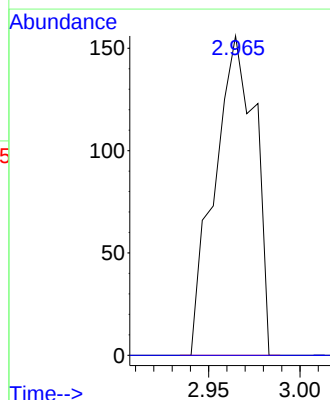
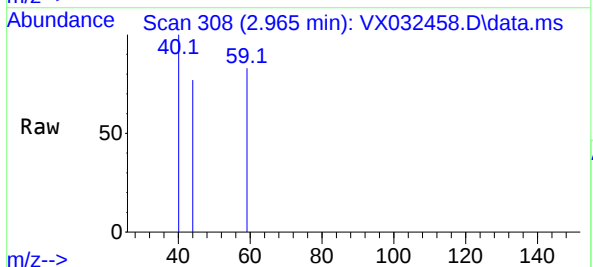
Instrument :
MSVOA_X
ClientSampleId :
5518-2

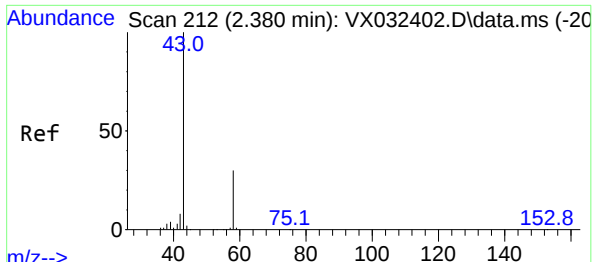
Tgt Ion:168 Resp: 124545
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.961 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX032458.D
Acq: 28 Oct 2022 14:39

Tgt Ion: 59 Resp: 242
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

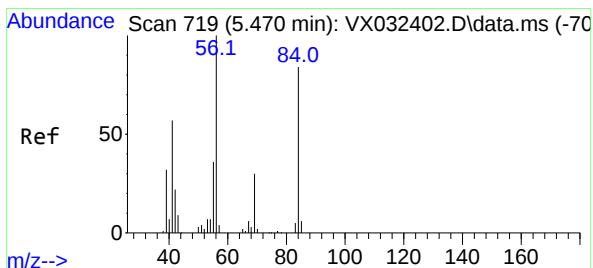
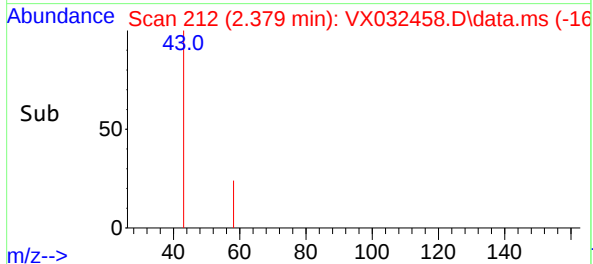
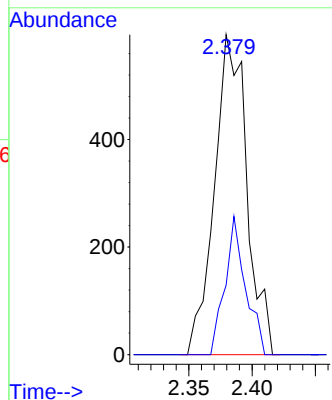
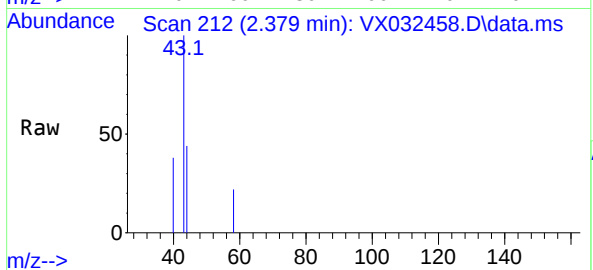




#16
Acetone
Concen: 1.684 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX032458.D
Acq: 28 Oct 2022 14:39

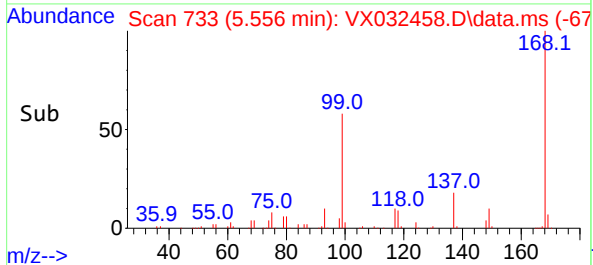
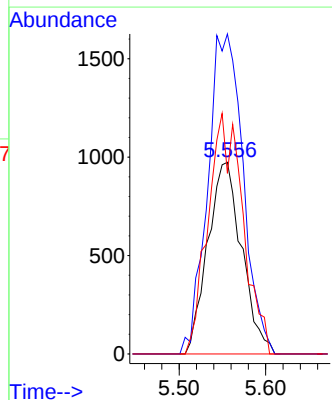
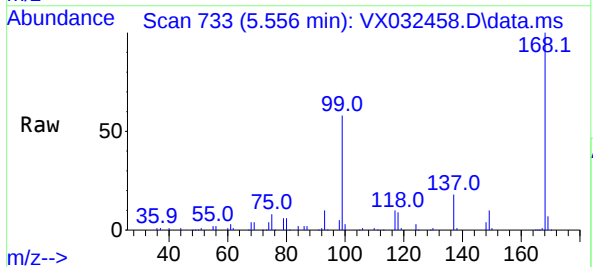
Instrument : MSVOA_X
ClientSampleId : 5518-2

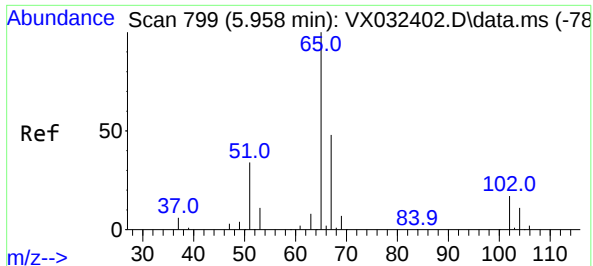
Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
58 21.7 23.8 35.8#



#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032458.D
Acq: 28 Oct 2022 14:39

Tgt Ion: 56 Resp: 2656
Ion Ratio Lower Upper
56 100
69 166.9 24.1 36.1#
84 94.3 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 47.859 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032458.D

Acq: 28 Oct 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

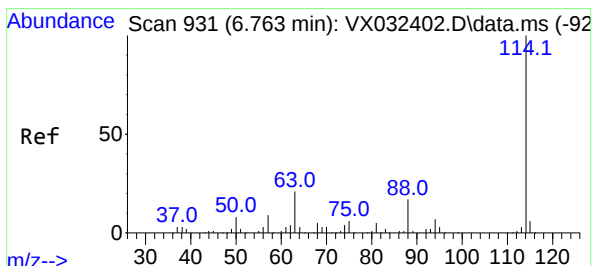
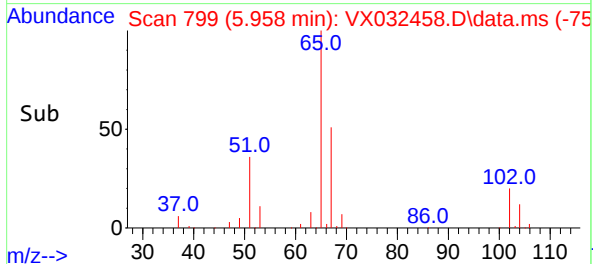
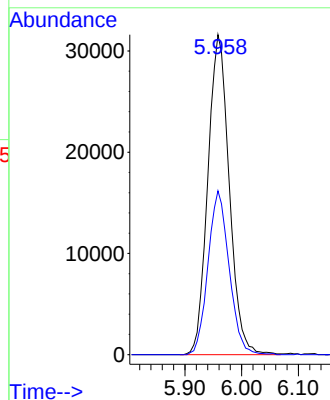
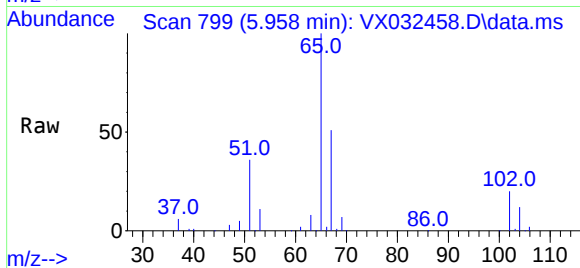
5518-2

Tgt Ion: 65 Resp: 82821

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032458.D

Acq: 28 Oct 2022 14:39

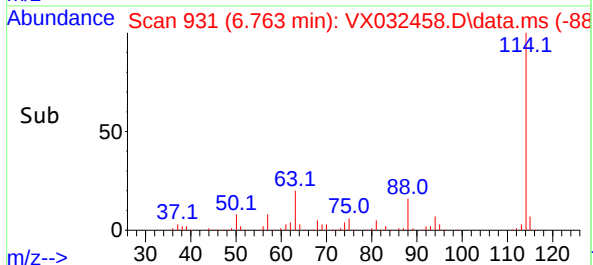
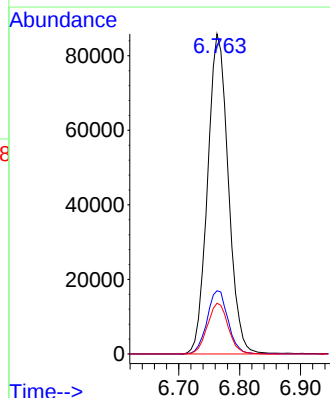
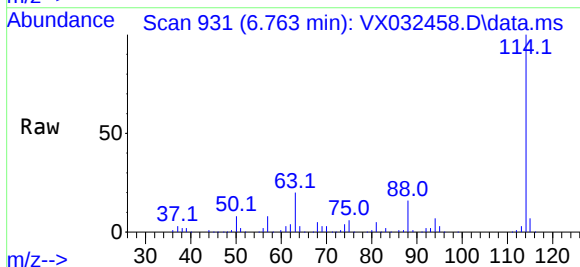
Tgt Ion: 114 Resp: 203150

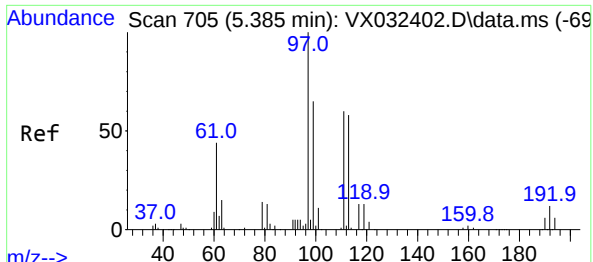
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.606 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032458.D

Acq: 28 Oct 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

5518-2

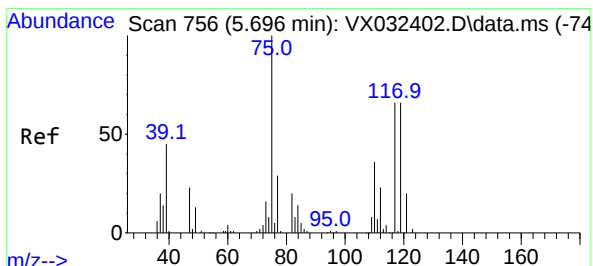
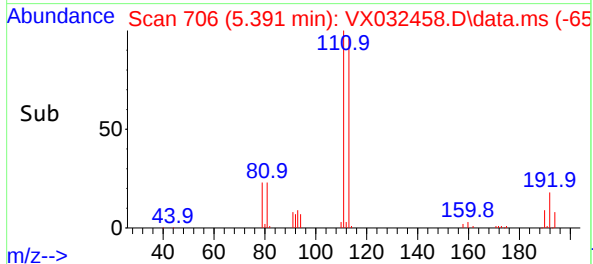
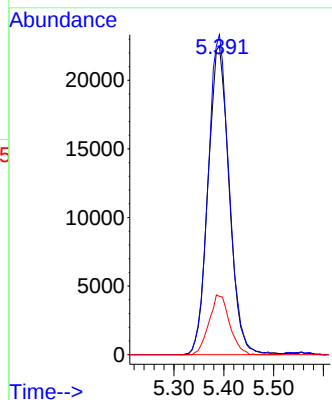
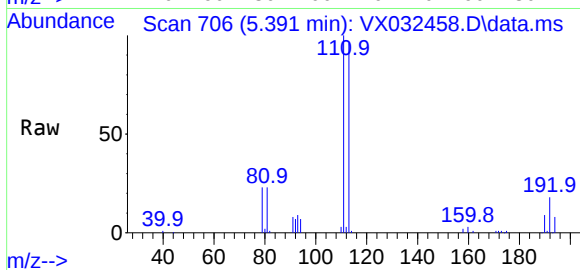
Tgt Ion:113 Resp: 66087

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

192 18.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.841 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX032458.D

Acq: 28 Oct 2022 14:39

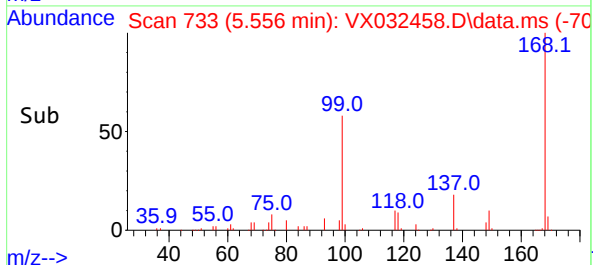
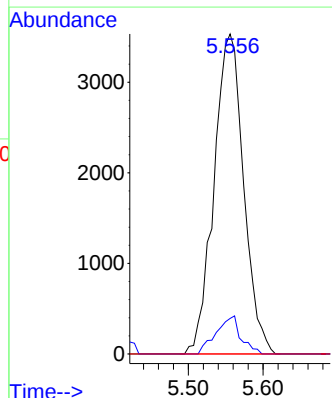
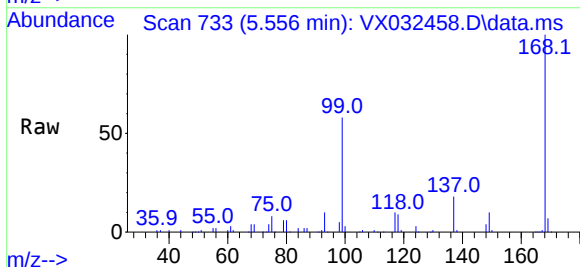
Tgt Ion: 75 Resp: 9768

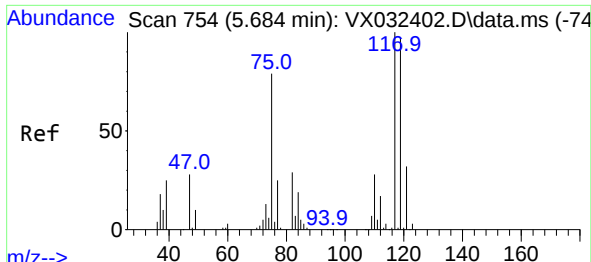
Ion Ratio Lower Upper

75 100

110 9.9 18.4 55.2#

77 0.0 24.5 36.7#

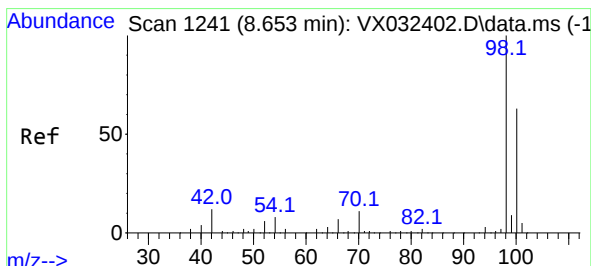
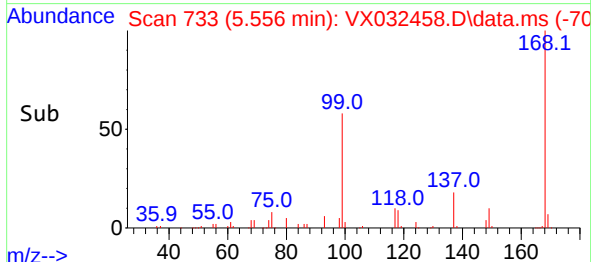
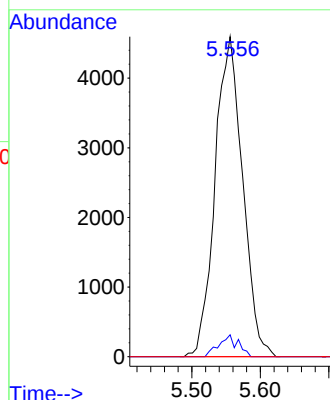
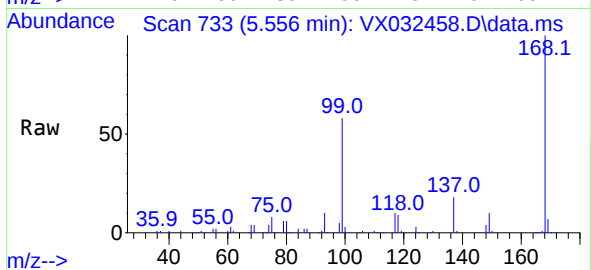




#38
Carbon Tetrachloride
Concen: 5.732 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032458.D
Acq: 28 Oct 2022 14:39

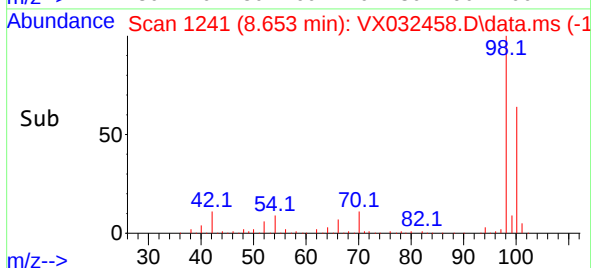
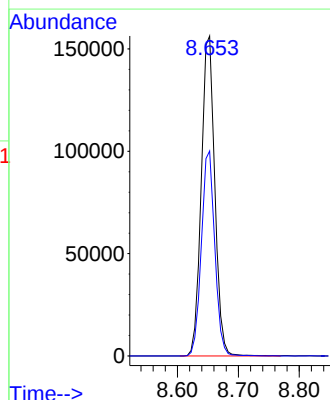
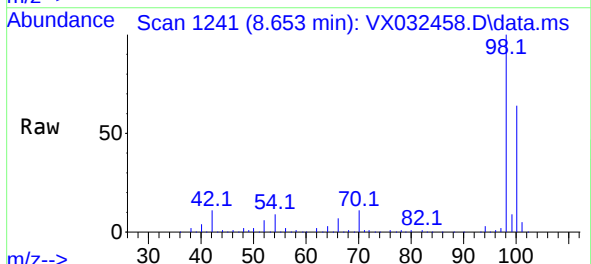
Instrument :
MSVOA_X
ClientSampleId :
5518-2

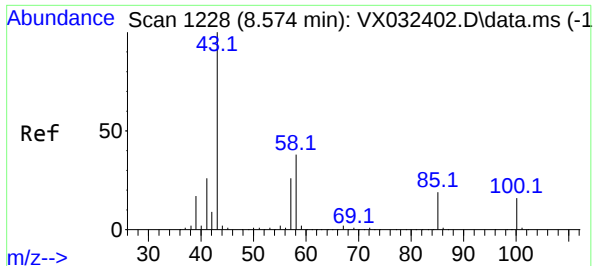
Tgt Ion:117 Resp: 12828
Ion Ratio Lower Upper
117 100
119 6.9 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.909 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032458.D
Acq: 28 Oct 2022 14:39

Tgt Ion: 98 Resp: 241405
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.571 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032458.D

Acq: 28 Oct 2022 14:39

Instrument :

MSVOA_X

ClientSampleId :

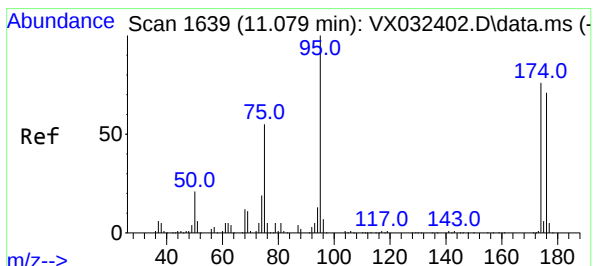
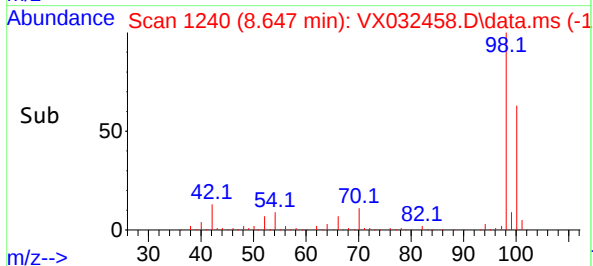
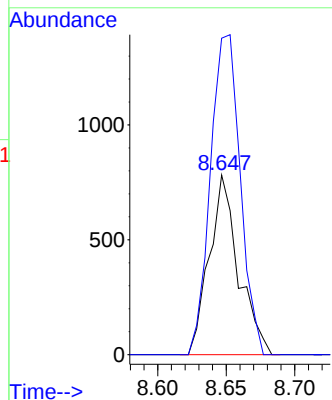
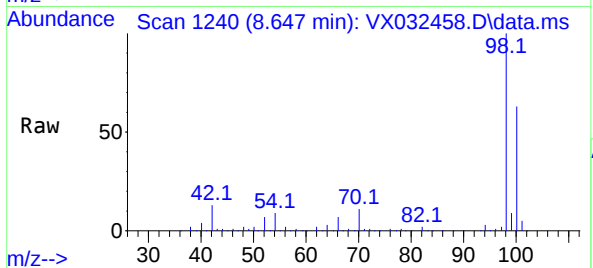
5518-2

Tgt Ion: 43 Resp: 1160

Ion Ratio Lower Upper

43 100

58 182.0 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 46.350 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032458.D

Acq: 28 Oct 2022 14:39

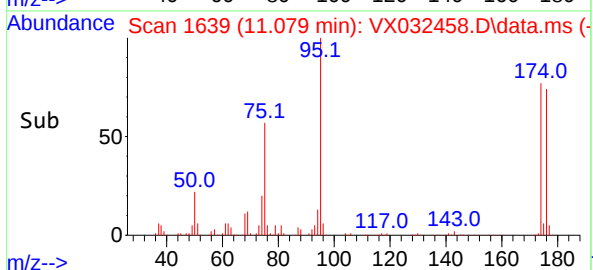
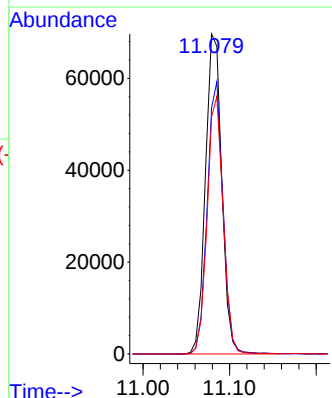
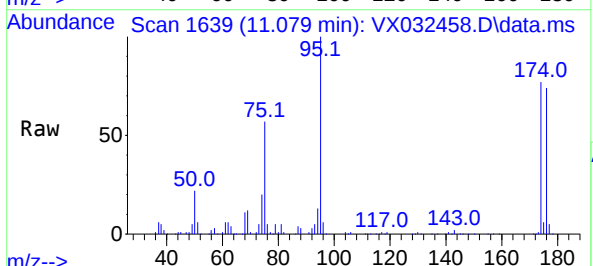
Tgt Ion: 95 Resp: 91229

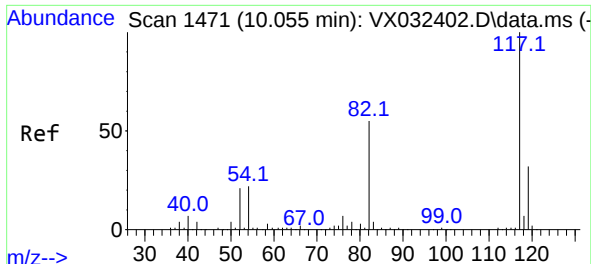
Ion Ratio Lower Upper

95 100

174 82.5 0.0 164.0

176 78.8 0.0 154.4

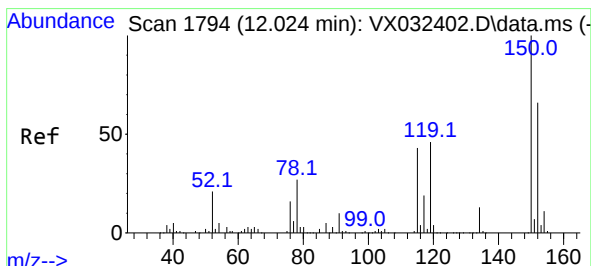
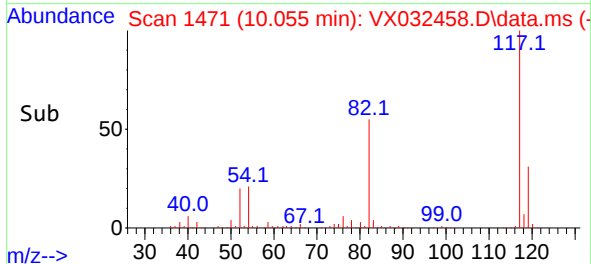
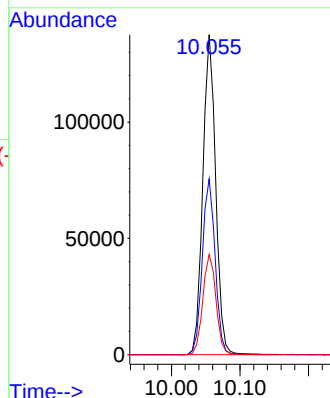
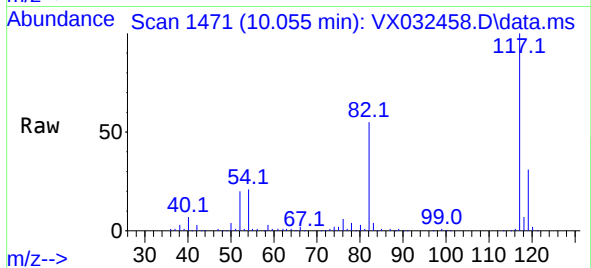




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032458.D
Acq: 28 Oct 2022 14:39

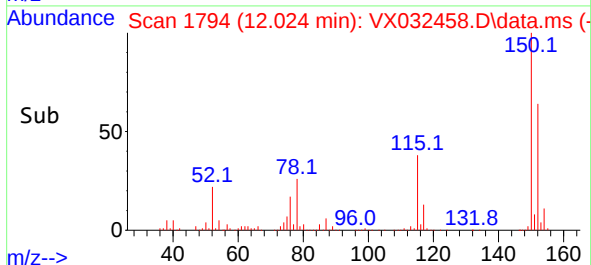
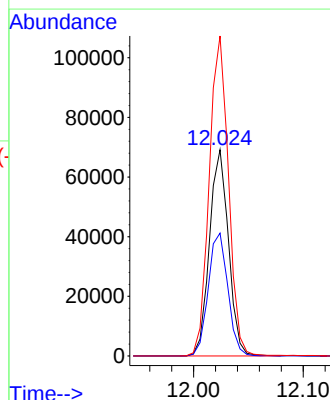
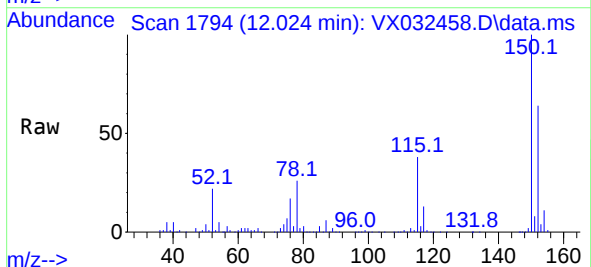
Instrument :
MSVOA_X
ClientSampleId :
5518-2

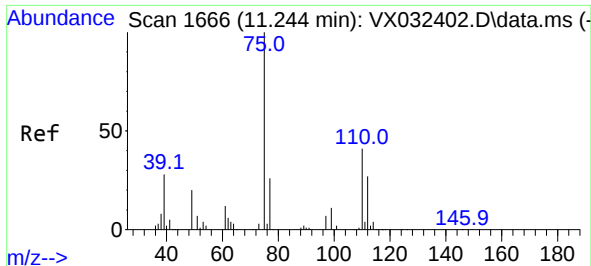
Tgt Ion:117 Resp: 179800
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032458.D
Acq: 28 Oct 2022 14:39

Tgt Ion:152 Resp: 83379
Ion Ratio Lower Upper
152 100
115 61.4 44.0 132.0
150 157.2 0.0 351.8

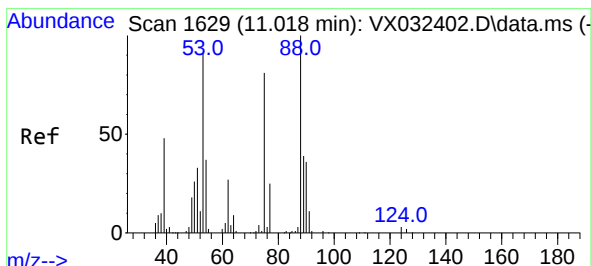
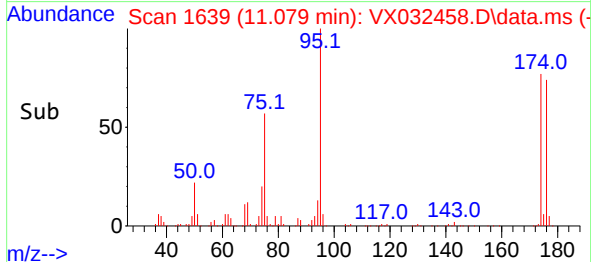
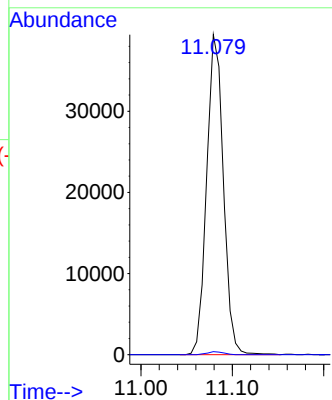
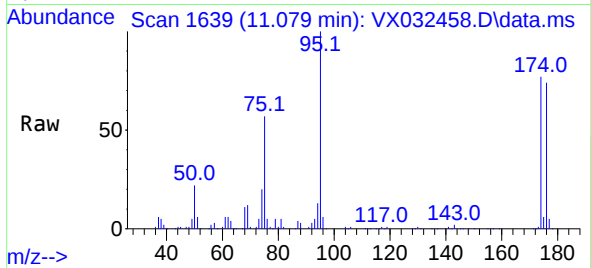




#76
1,2,3-Trichloropropane
Concen: 26.910 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032458.D
Acq: 28 Oct 2022 14:39

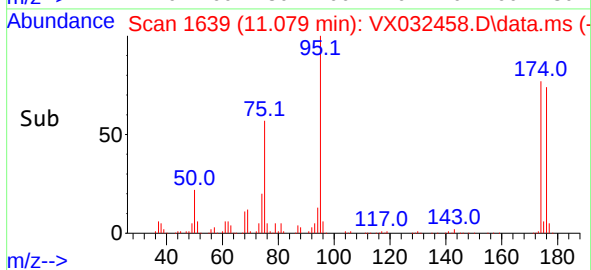
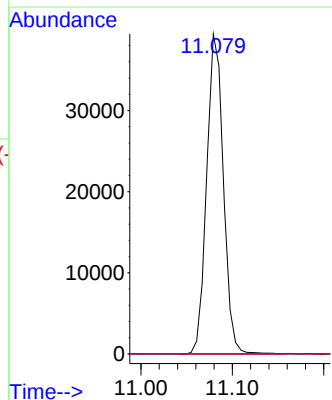
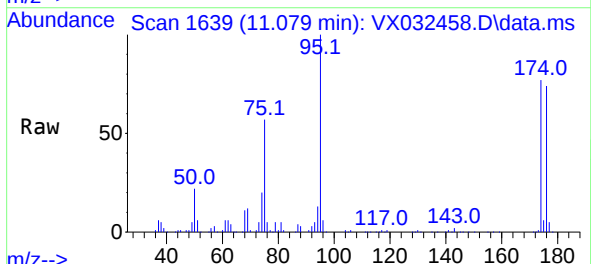
Instrument :
MSVOA_X
ClientSampleId :
5518-2

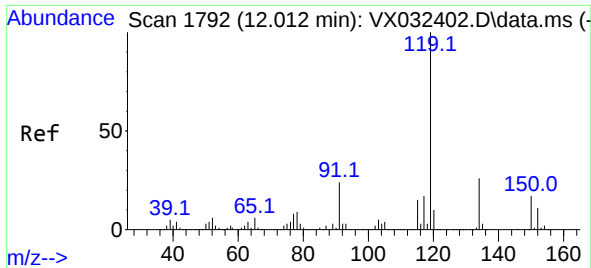
Tgt Ion: 75 Resp: 49917
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.627 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032458.D
Acq: 28 Oct 2022 14:39

Tgt Ion: 75 Resp: 49917
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#





#86
 p-Isopropyltoluene
 Concen: 0.437 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032458.D
 Acq: 28 Oct 2022 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 5518-2

Tgt Ion:119	Resp:	2517
Ion	Ratio	Lower Upper
119	100	
134	30.2	12.9 38.7
91	36.0	12.5 37.5

