

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101123\
 Data File : VV032393.D
 Acq On : 11 Oct 2023 15:11
 Operator : SY/MD
 Sample : 04851-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B03

Quant Time: Oct 12 03:05:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 12 02:54:58 2023
 Response via : Initial Calibration

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

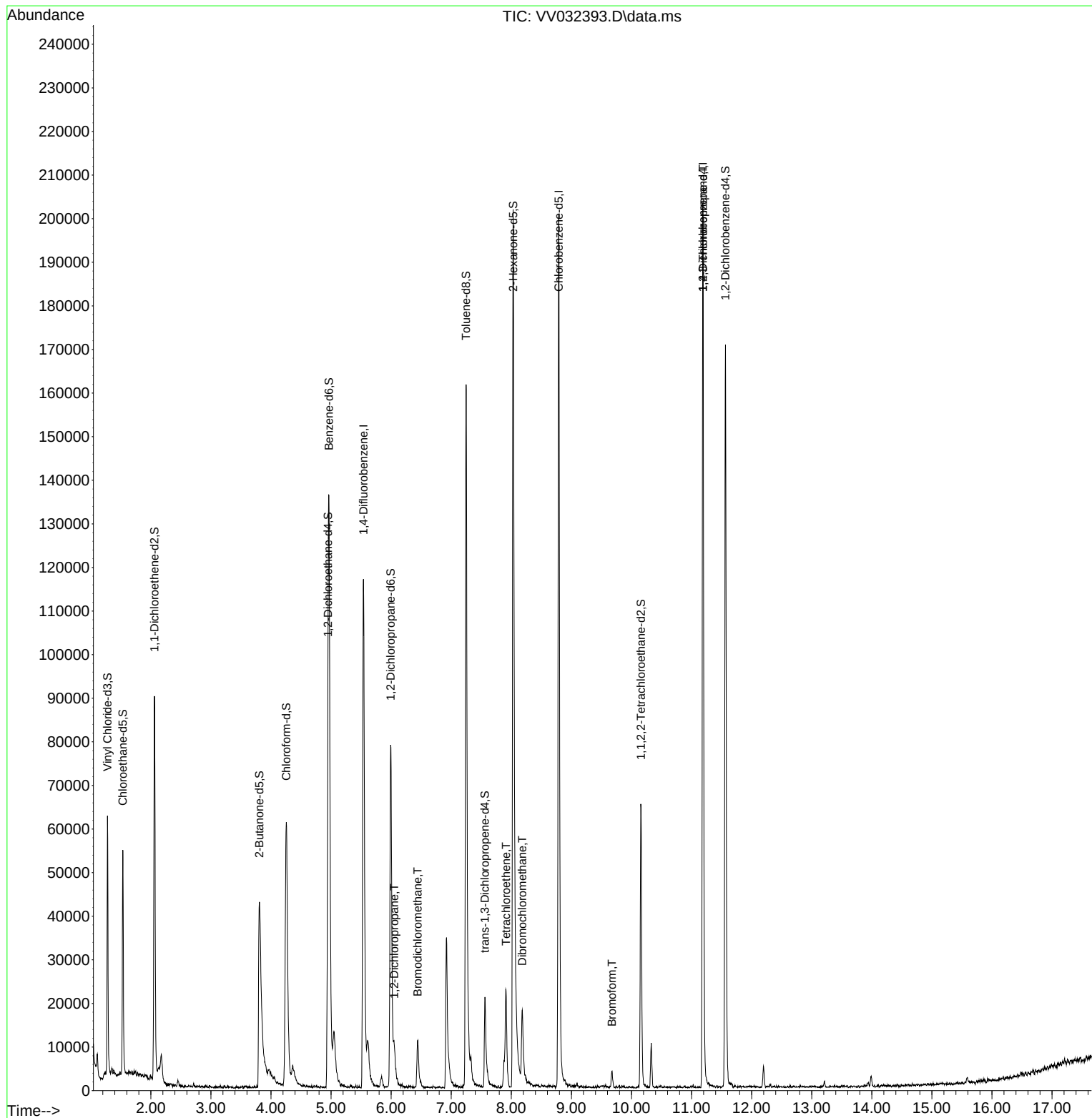
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	102517	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	113681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52635	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37804	4.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.532	69	31877	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.060	65	14929	4.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.805	46	87284	41.384	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.760%
24) Chloroform-d	4.252	84	65592	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	4.947	65	32131	4.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	4.963	84	124508	3.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.400%
36) 1,2-Dichloropropane-d6	5.992	67	40414	3.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.000%
41) Toluene-d8	7.246	98	117461	3.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	7.561	79	14326	3.648	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.030	63	77156	41.755	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.520%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	33785	4.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	43154	4.418	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	6.050	63	614	0.057	ug/L #	87
38) Bromodichloromethane	6.439	83	8837	0.695	ug/L	99
47) Tetrachloroethene	7.911	164	5153	0.622	ug/L	93
49) Dibromochloromethane	8.182	129	8893	1.131	ug/L	90
59) Bromoform	9.673	173	1961	0.512	ug/L #	93
61) 1,2,3-Trichloropropane	11.188	75	7106	1.268	ug/L #	68

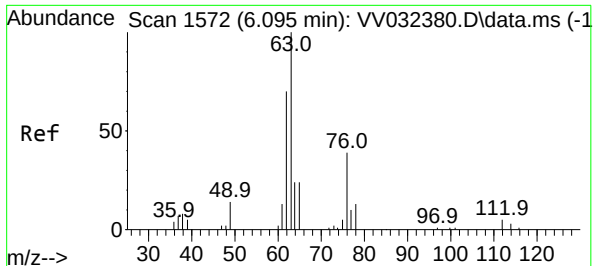
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 12 02:54:58 2023
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 0.057 ug/L

RT: 6.050 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV032393.D

Acq: 11 Oct 2023 15:11

Instrument :

MSVOA_V

ClientSampleId :

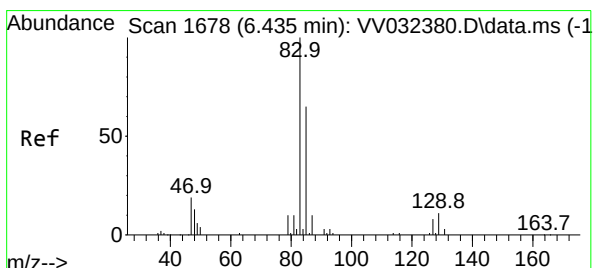
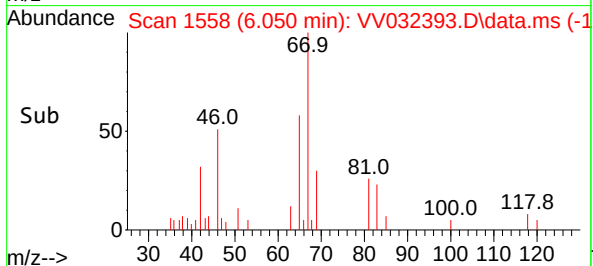
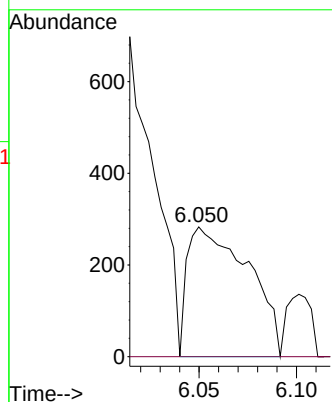
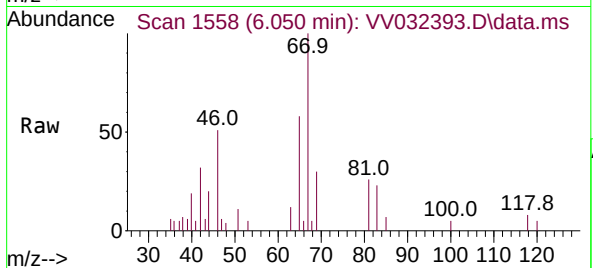
C0B03

Tgt Ion: 63 Resp: 614

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#38

Bromodichloromethane

Concen: 0.695 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.003 min

Lab File: VV032393.D

Acq: 11 Oct 2023 15:11

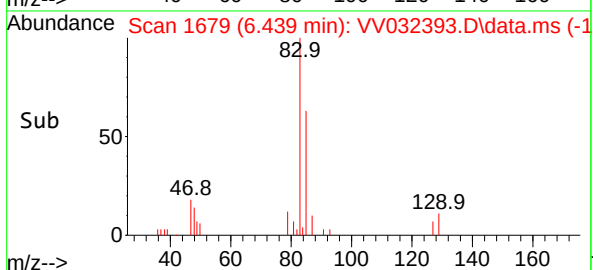
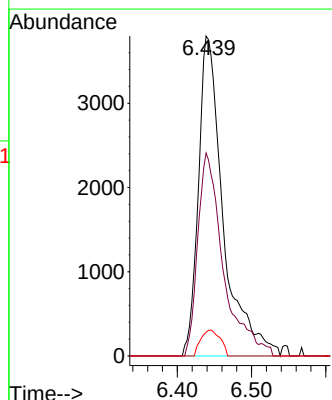
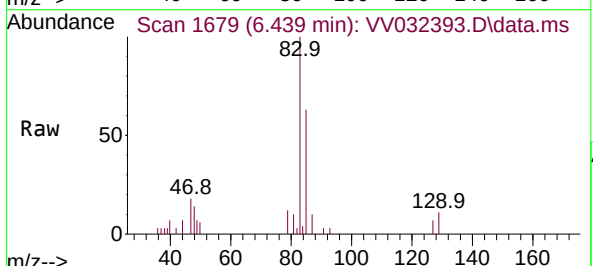
Tgt Ion: 83 Resp: 8837

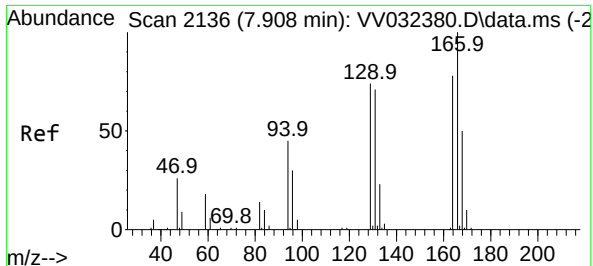
Ion Ratio Lower Upper

83 100

85 63.4 44.9 83.3

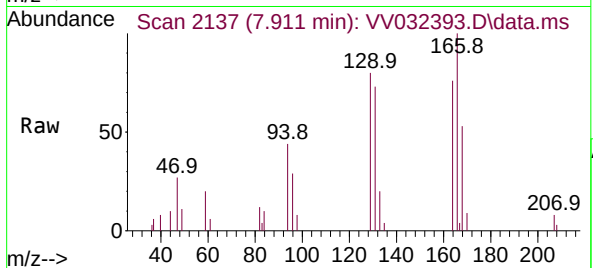
127 7.4 6.9 10.3





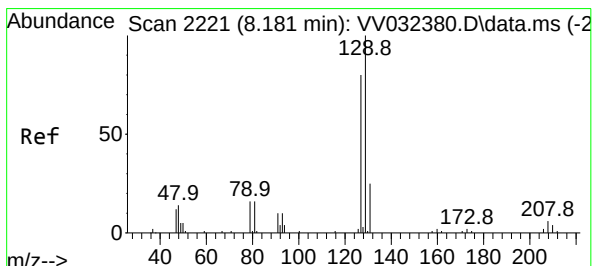
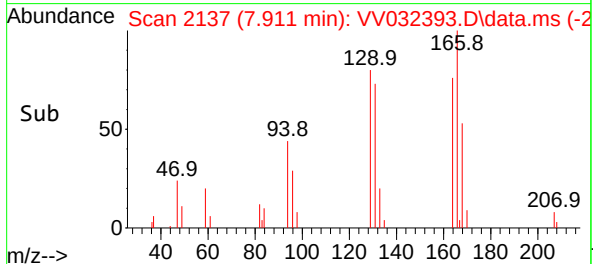
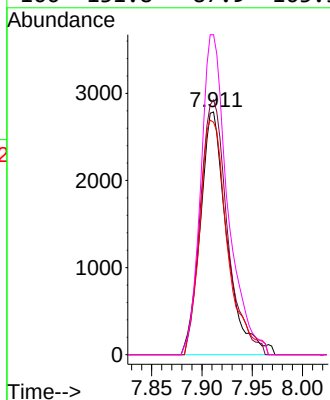
#47
Tetrachloroethene
Concen: 0.622 ug/L
RT: 7.911 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032393.D
Acq: 11 Oct 2023 15:11

Instrument :
MSVOA_V
ClientSampleId :
C0B03



Tgt Ion:164 Resp: 5153

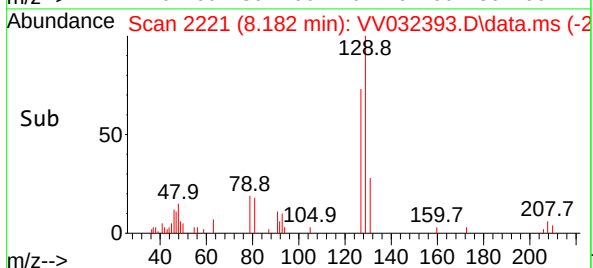
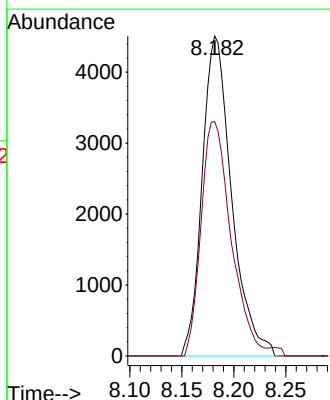
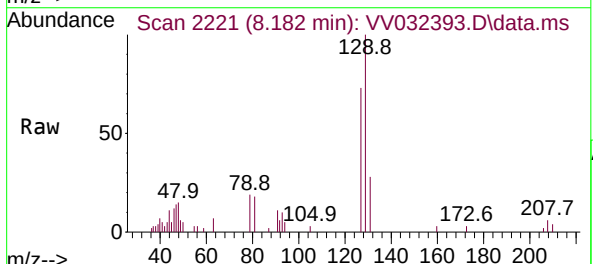
Ion	Ratio	Lower	Upper
164	100		
129	104.9	66.4	123.4
131	95.8	63.7	118.3
166	131.8	87.9	163.3

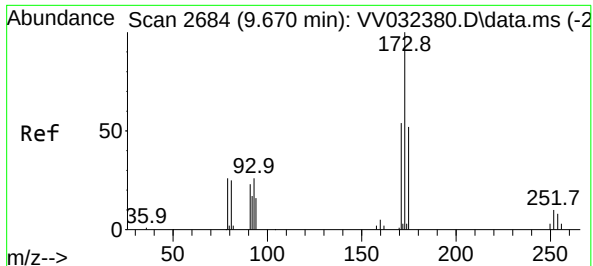


#49
Dibromochloromethane
Concen: 1.131 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV032393.D
Acq: 11 Oct 2023 15:11

Tgt Ion:129 Resp: 8893

Ion	Ratio	Lower	Upper
129	100		
127	73.2	57.2	106.2

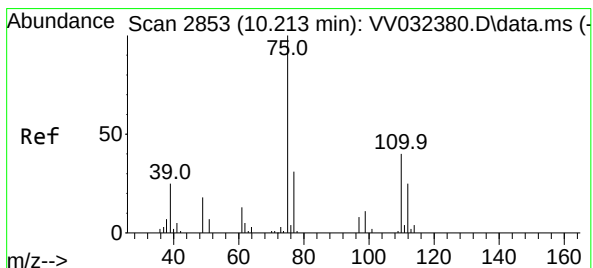
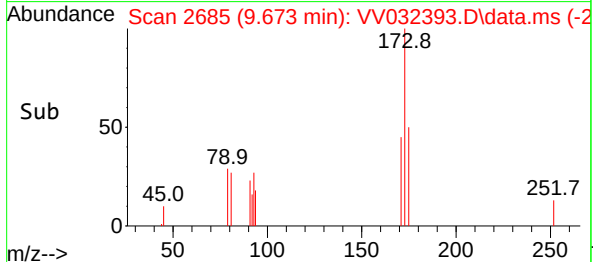
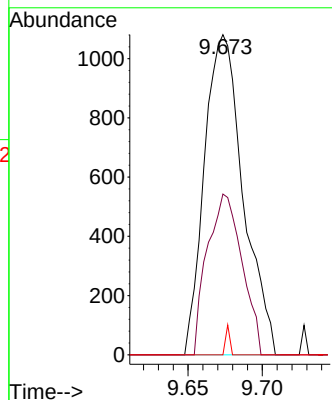
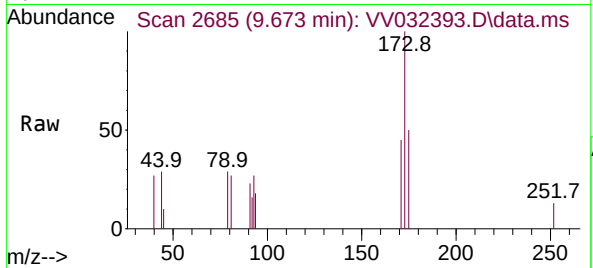




#59
Bromoform
Concen: 0.512 ug/L
RT: 9.673 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV032393.D
Acq: 11 Oct 2023 15:11

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MSVOA_V
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Tgt Ion:173 Resp: 1961
Ion Ratio Lower Upper
173 100
175 44.9 38.2 57.2
254 1.0 7.0 10.4#



#61
1,2,3-Trichloropropane
Concen: 1.268 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032393.D
Acq: 11 Oct 2023 15:11

Tgt Ion: 75 Resp: 7106
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 2.9 30.6 46.0#

