

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101123\
 Data File : VV032396.D
 Acq On : 11 Oct 2023 16:20
 Operator : SY/MD
 Sample : 04851-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B06

Quant Time: Oct 12 03:06:26 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)

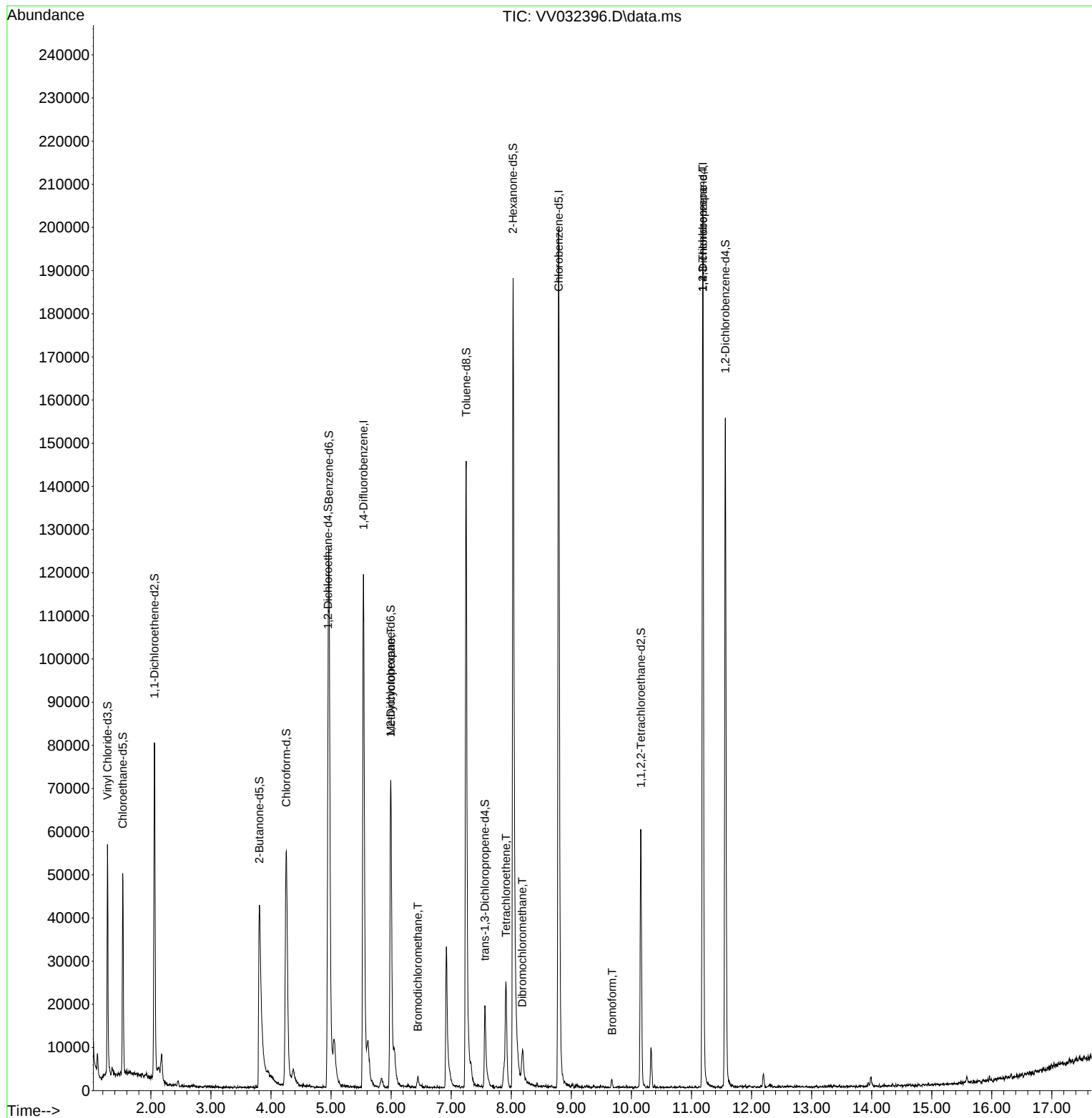
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	104717	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	115531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	53458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33357	3.917	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.532	69	29269	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.059	65	13671	3.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.805	46	83676	38.840	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.680%
24) Chloroform-d	4.256	84	59075	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	4.950	65	29232	4.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	4.963	84	114614	3.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.400%#
36) 1,2-Dichloropropane-d6	5.992	67	36862	3.273	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	65.400%
41) Toluene-d8	7.249	98	104090	3.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
43) trans-1,3-Dichloroprop...	7.561	79	13339	3.342	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.800%
46) 2-Hexanone-d5	8.030	63	70873	37.741	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.480%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31225	3.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	40579	4.091	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.995	83	8363	0.487	ug/L #	17
38) Bromodichloromethane	6.445	83	1908	0.148	ug/L #	92
47) Tetrachloroethene	7.911	164	6167	0.732	ug/L	97
49) Dibromochloromethane	8.185	129	3132	0.392	ug/L	98
59) Bromoform	9.677	173	915	0.235	ug/L #	89
61) 1,2,3-Trichloropropane	11.188	75	6658	1.170	ug/L #	67

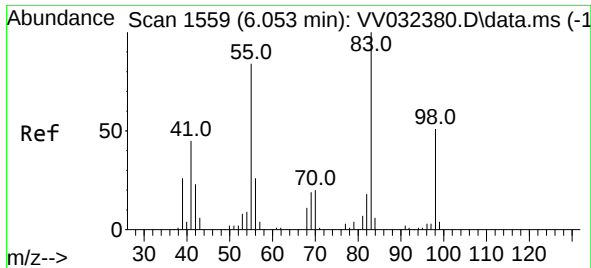
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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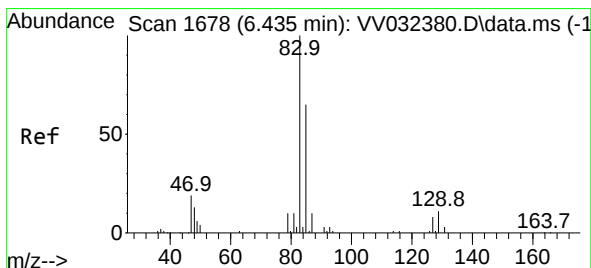
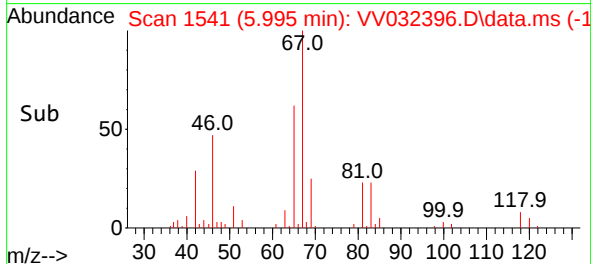
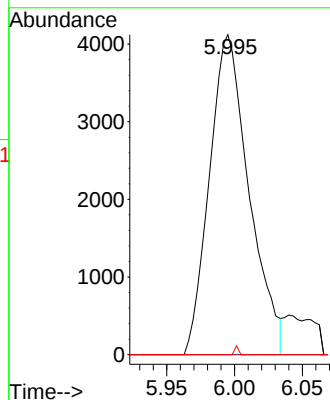
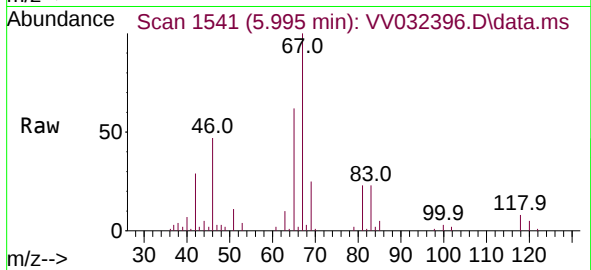




#35
Methylcyclohexane
Concen: 0.487 ug/L
RT: 5.995 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV032396.D
Acq: 11 Oct 2023 16:20

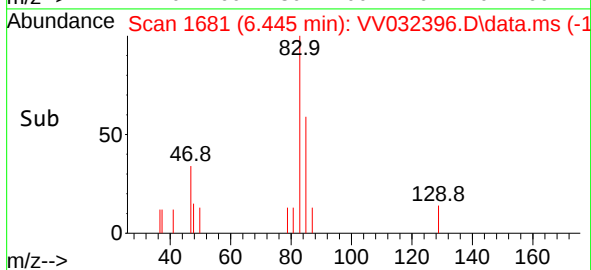
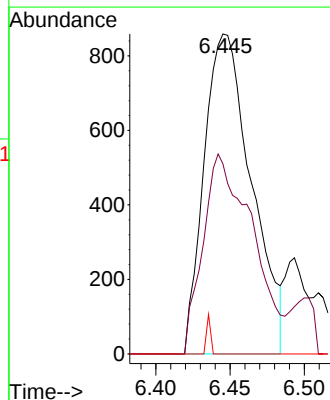
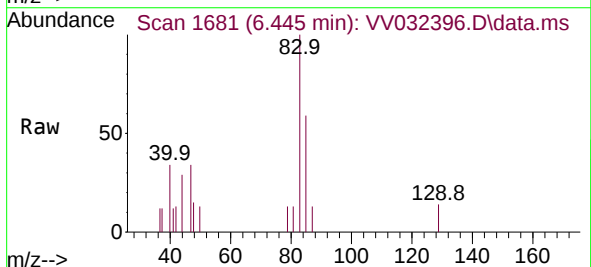
Instrument :
MSVOA_V
ClientSampleId :
C0B06

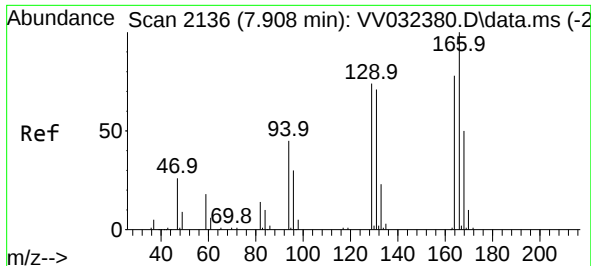
Tgt Ion: 83	Resp:	8363
Ion Ratio	Lower	Upper
83	100	
55	0.3	64.2 96.2#
98	0.3	39.6 59.4#



#38
Bromodichloromethane
Concen: 0.148 ug/L
RT: 6.445 min Scan# 1681
Delta R.T. 0.010 min
Lab File: VV032396.D
Acq: 11 Oct 2023 16:20

Tgt Ion: 83	Resp:	1908
Ion Ratio	Lower	Upper
83	100	
85	59.4	44.9 83.3
127	0.0	6.9 10.3#

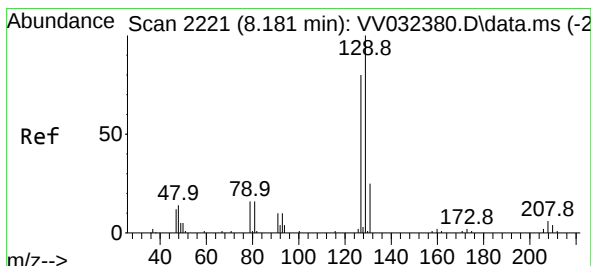
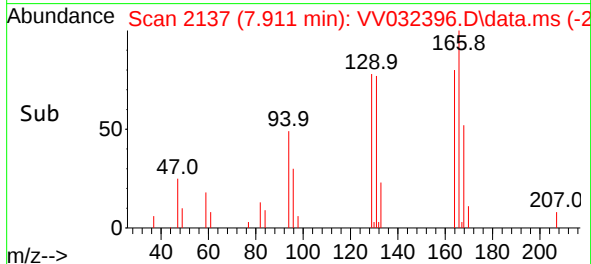
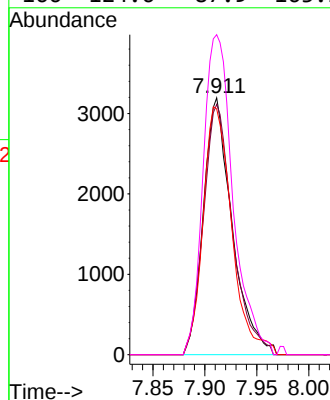
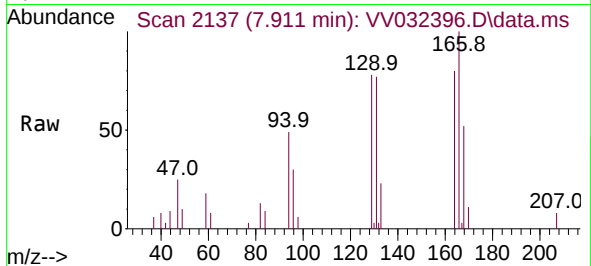




#47
Tetrachloroethene
Concen: 0.732 ug/L
RT: 7.911 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV032396.D
Acq: 11 Oct 2023 16:20

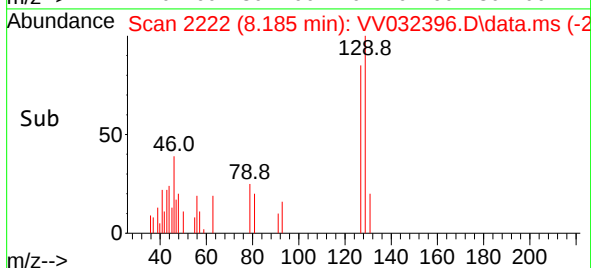
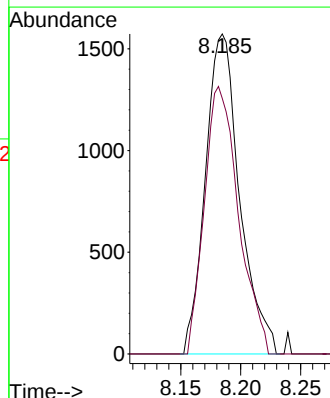
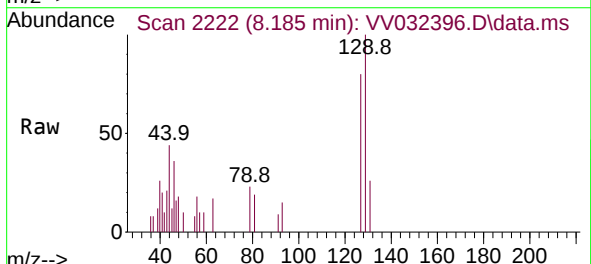
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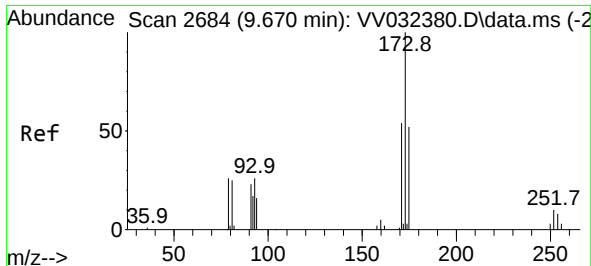
Tgt Ion:164	Resp:	6167
Ion Ratio	Lower	Upper
164	100	
129	97.4	66.4 123.4
131	95.7	63.7 118.3
166	124.6	87.9 163.3



#49
Dibromochloromethane
Concen: 0.392 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. 0.003 min
Lab File: VV032396.D
Acq: 11 Oct 2023 16:20

Tgt Ion:129	Resp:	3132
Ion Ratio	Lower	Upper
129	100	
127	79.8	57.2 106.2

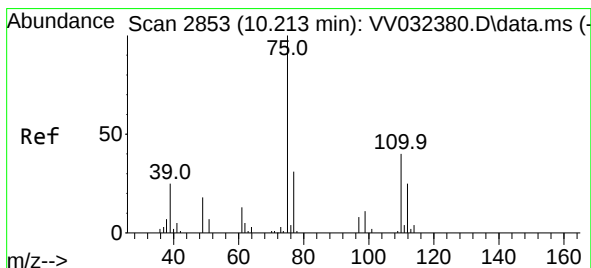
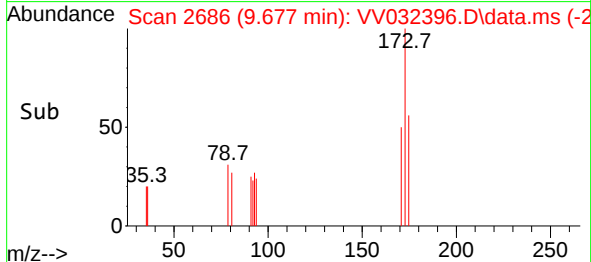
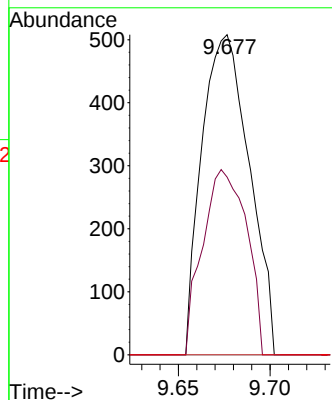
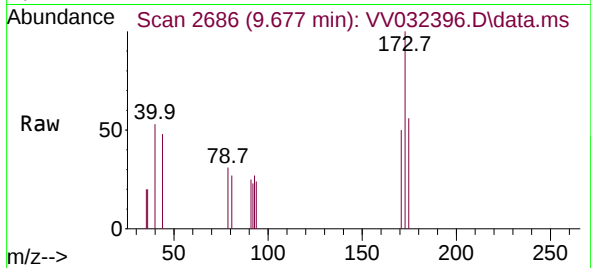




#59
Bromoform
Concen: 0.235 ug/L
RT: 9.677 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032396.D
Acq: 11 Oct 2023 16:20

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Tgt Ion:	173	Resp:	915
Ion Ratio	Lower	Upper	
173	100		
175	53.7	38.2	57.2
254	0.0	7.0	10.4#



#61
1,2,3-Trichloropropane
Concen: 1.170 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032396.D
Acq: 11 Oct 2023 16:20

Tgt Ion:	75	Resp:	6658
Ion Ratio	Lower	Upper	
75	100		
77	33.0	26.2	39.2
110	1.4	30.6	46.0#

