

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121823\
 Data File : VX039301.D
 Acq On : 18 Dec 2023 11:14
 Operator : JC/MD
 Sample : PB157840TB 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 18 21:44:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 18 21:43:41 2023
 Response via : Initial Calibration

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

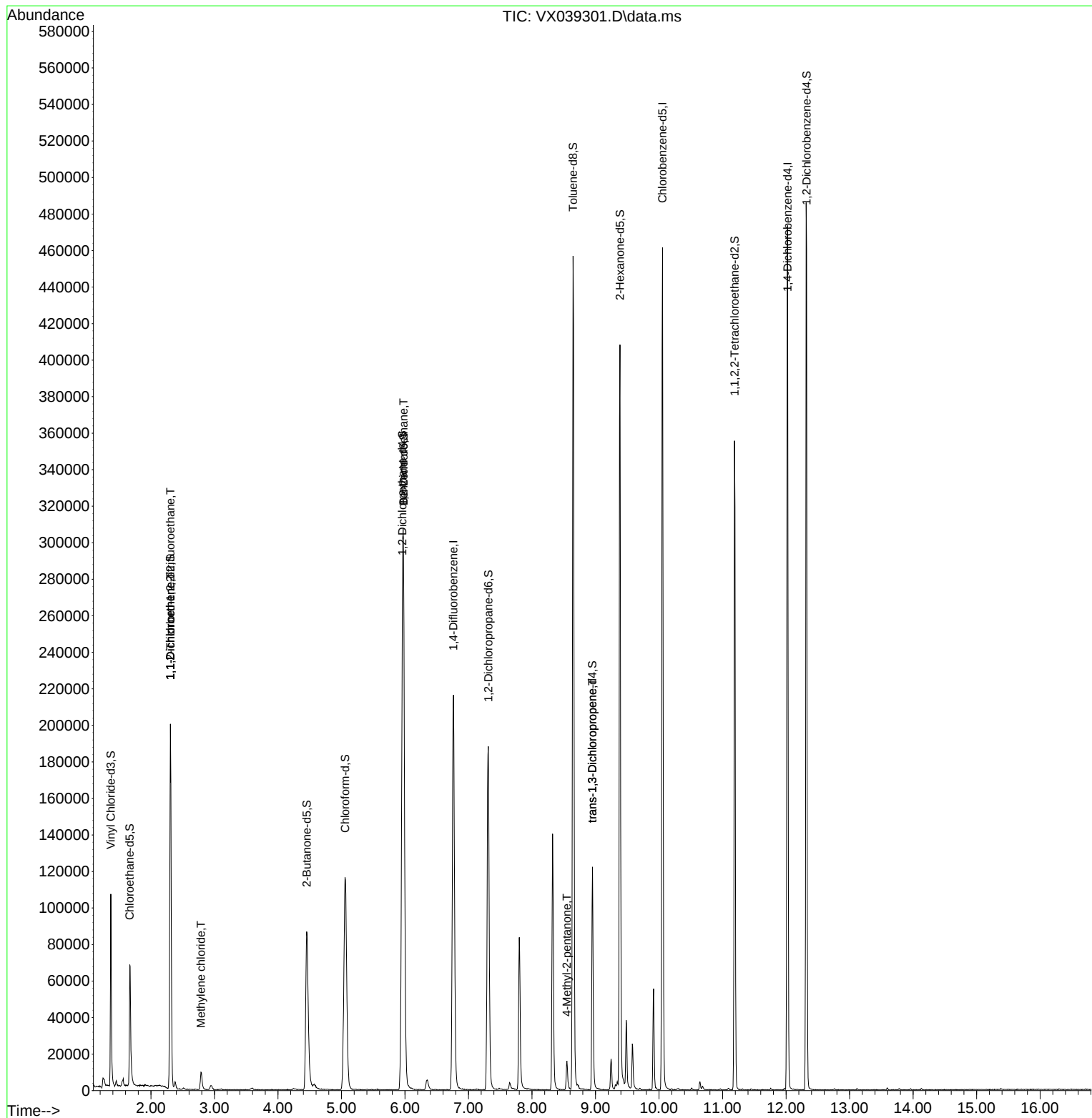
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	210346	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	194543	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	92079	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66375	40.231	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.460%
7) Chloroethane-d5	1.666	69	51312	42.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.160%
11) 1,1-Dichloroethene-d2	2.307	65	36172	49.946	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.900%
21) 2-Butanone-d5	4.452	46	154110	103.192	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.190%
24) Chloroform-d	5.056	84	146629	50.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.420%
26) 1,2-Dichloroethane-d4	5.958	65	103507	54.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.440%
32) Benzene-d6	5.977	84	299699	49.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.840%
36) 1,2-Dichloropropane-d6	7.312	67	97417	50.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.840%
41) Toluene-d8	8.647	98	265547	48.805	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.952	79	46394	47.183	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.360%
47) 2-Hexanone-d5	9.384	63	113116	98.017	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.020%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	137678	50.229	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.460%
66) 1,2-Dichlorobenzene-d4	12.323	152	89056	51.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.340%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	1154	0.801	ug/L #	29
12) 1,1-Dichloroethene	2.307	96	950	0.701	ug/L #	1
16) Methylene chloride	2.788	84	4485	2.881	ug/L	99
27) 1,2-Dichloroethane	5.977	62	1994	0.897	ug/L	100
40) 4-Methyl-2-pentanone	8.549	43	6182	2.151	ug/L #	49
44) trans-1,3-Dichloropropene	8.952	75	2692	1.061	ug/L #	77

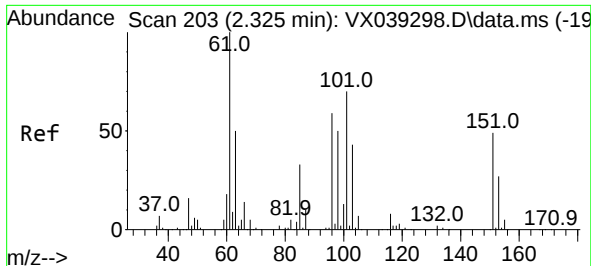
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Dec 18 21:43:41 2023
Response via : Initial Calibration

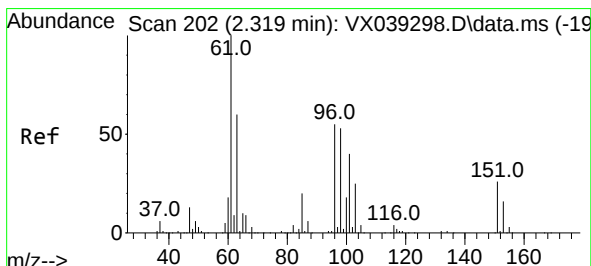
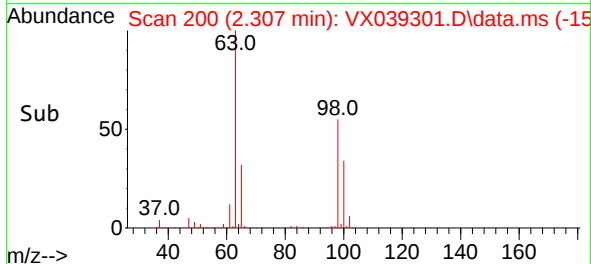
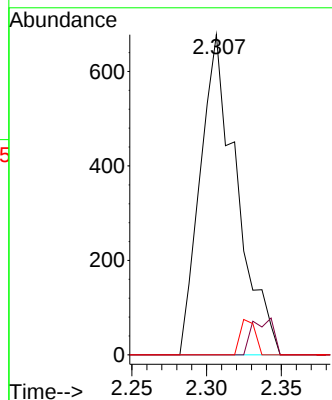
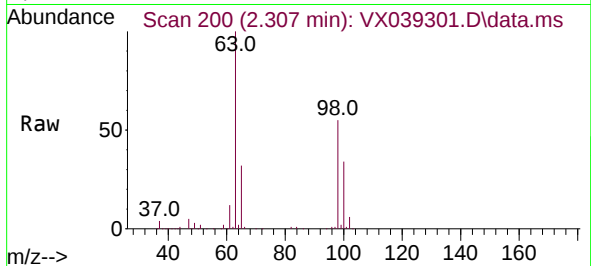




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.801 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.018 min
 Lab File: VX039301.D
 Acq: 18 Dec 2023 11:14

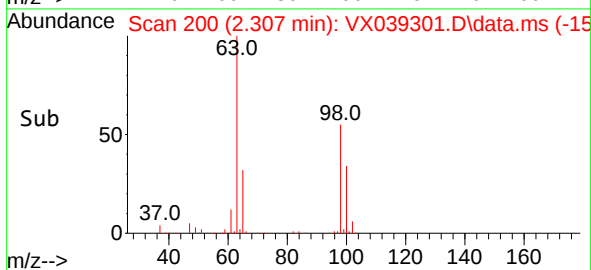
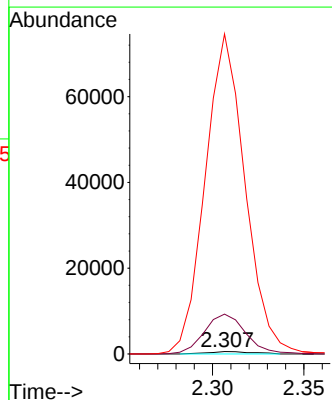
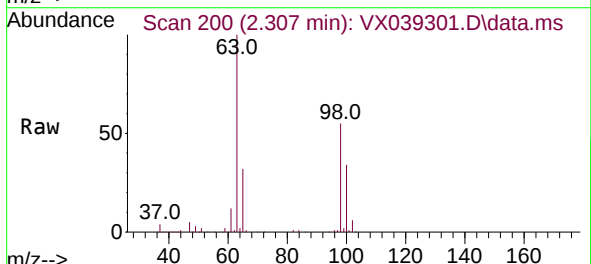
Instrument :
 MSVOA_X
 ClientSampleId :

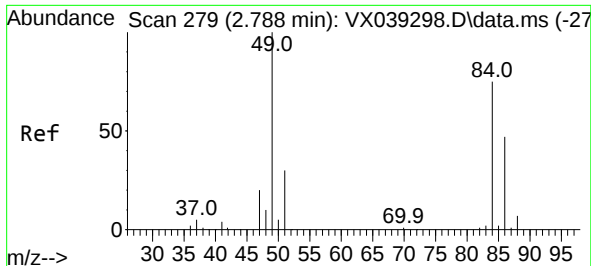
Tgt Ion:101 Resp: 1154
 Ion Ratio Lower Upper
 101 100
 85 6.6 35.8 53.6#
 151 4.5 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.701 ug/L
 RT: 2.307 min Scan# 200
 Delta R.T. -0.012 min
 Lab File: VX039301.D
 Acq: 18 Dec 2023 11:14

Tgt Ion: 96 Resp: 950
 Ion Ratio Lower Upper
 96 100
 61 1626.8 128.0 237.6#
 63 13066.2 101.5 188.5#

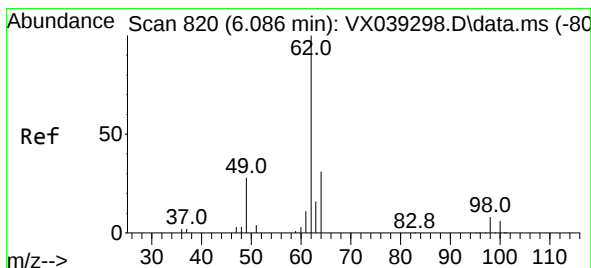
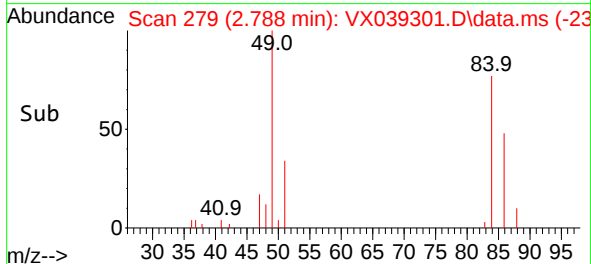
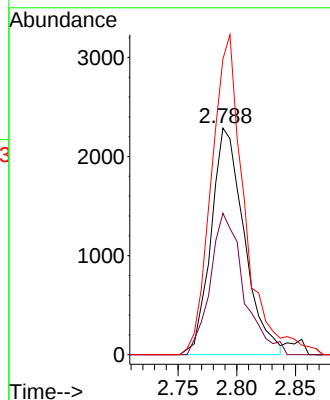
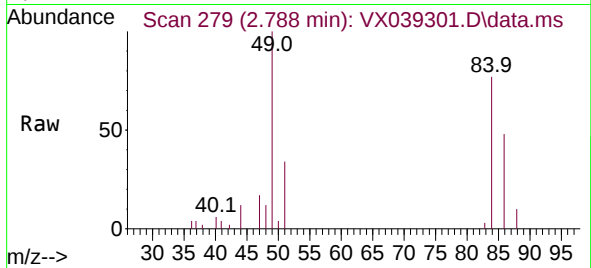




#16
Methylene chloride
Concen: 2.881 ug/L
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039301.D
Acq: 18 Dec 2023 11:14

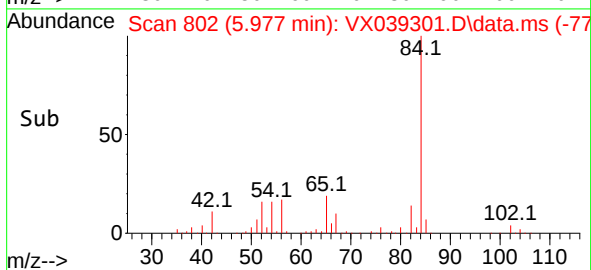
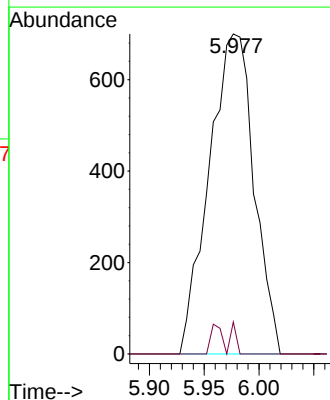
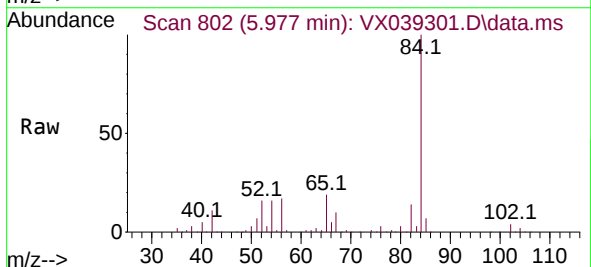
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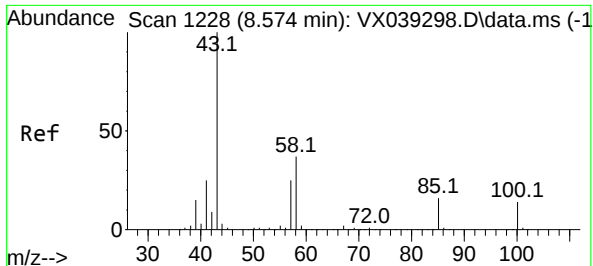
Tgt Ion: 84 Resp: 4485
Ion Ratio Lower Upper
84 100
86 62.4 44.7 82.9
49 130.5 90.9 168.7



#27
1,2-Dichloroethane
Concen: 0.897 ug/L
RT: 5.977 min Scan# 802
Delta R.T. -0.110 min
Lab File: VX039301.D
Acq: 18 Dec 2023 11:14

Tgt Ion: 62 Resp: 1994
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0





#40

4-Methyl-2-pentanone

Concen: 2.151 ug/L

RT: 8.549 min Scan# 1

Delta R.T. -0.024 min

Lab File: VX039301.D

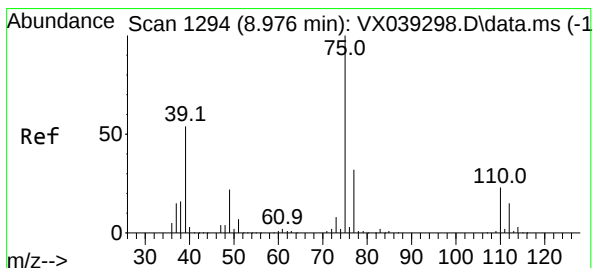
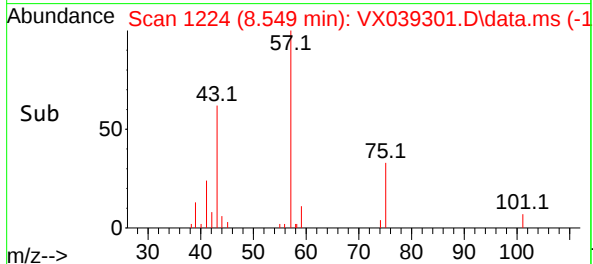
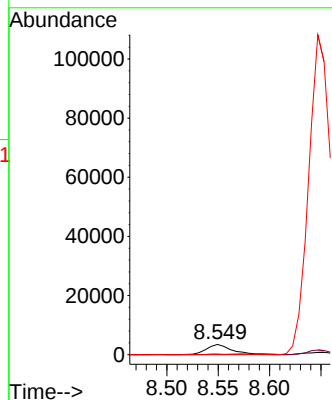
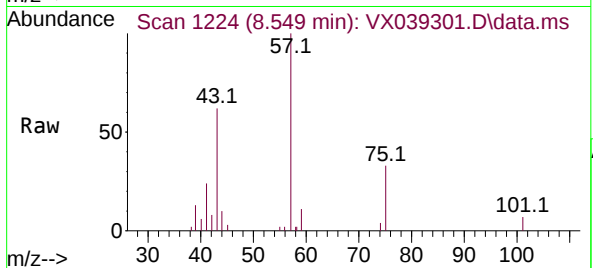
Acq: 18 Dec 2023 11:14

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	43	Resp:	6182
Ion Ratio	Lower	Upper	
43	100		
58	4.1	30.9	46.3#
100	0.0	10.6	16.0#



#44

trans-1,3-Dichloropropene

Concen: 1.061 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039301.D

Acq: 18 Dec 2023 11:14

Tgt Ion:	75	Resp:	2692
Ion Ratio	Lower	Upper	
75	100		
77	44.3	22.0	40.8#

