

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
 Data File : VV029497.D
 Acq On : 09 Dec 2022 00:51
 Operator : SY/MD
 Sample : N5915-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N06

Quant Time: Dec 09 04:16:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

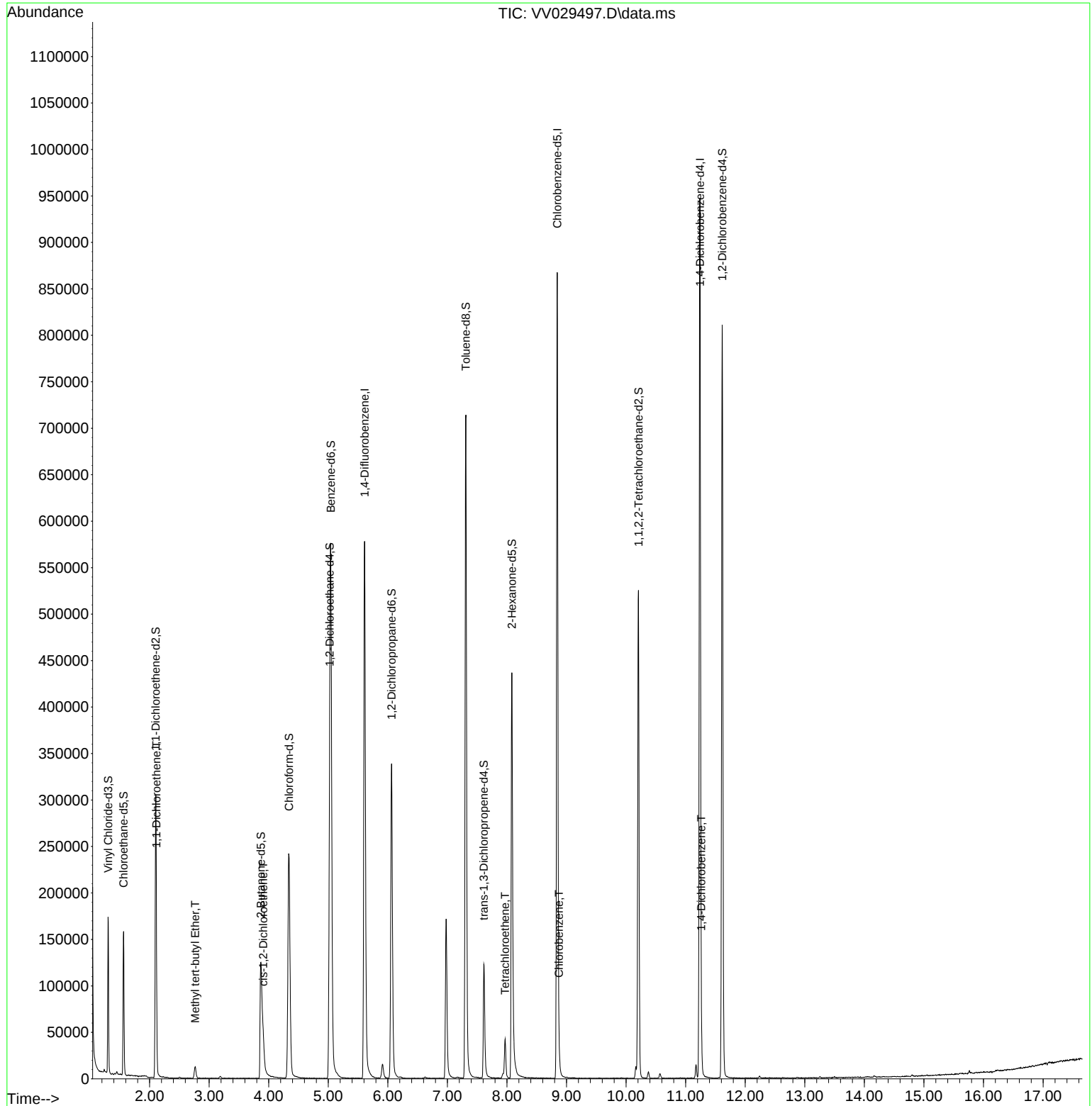
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	537441	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	496318	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	260538	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	103890	31.567	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	63.140%	
7) Chloroethane-d5	1.564	69	98899	39.409	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	78.820%	
11) 1,1-Dichloroethene-d2	2.105	63	151621	29.538	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.080%#	
21) 2-Butanone-d5	3.867	46	198882	99.063	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	99.060%	
24) Chloroform-d	4.339	84	264436	42.698	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.400%	
26) 1,2-Dichloroethane-d4	5.024	65	161082	45.540	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.080%	
32) Benzene-d6	5.043	84	555583	42.364	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.720%	
36) 1,2-Dichloropropane-d6	6.063	67	176081	43.956	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.920%	
41) Toluene-d8	7.310	98	503738	40.766	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.540%	
43) trans-1,3-Dichloroprop...	7.612	79	75745	37.446	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.900%	
47) 2-Hexanone-d5	8.082	63	167994	98.208	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	98.210%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	265486	46.378	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	92.760%	
66) 1,2-Dichlorobenzene-d4	11.612	152	219155	44.188	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	88.380%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	7202	2.507	ug/L #	1
18) Methyl tert-butyl Ether	2.767	73	12944	1.276	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	16015	4.400	ug/L	98
46) Tetrachloroethene	7.969	164	10117	3.590	ug/L	93
51) Chlorobenzene	8.873	112	7455	0.782	ug/L	89
65) 1,4-Dichlorobenzene	11.262	146	13017	1.713	ug/L	96

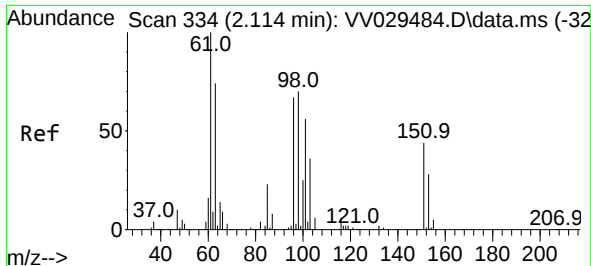
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 08 01:48:46 2022
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#12

1,1-Dichloroethene

Concen: 2.507 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV029497.D

Acq: 09 Dec 2022 00:51

Instrument :

MSVOA_V

ClientSampleId :

F5N06

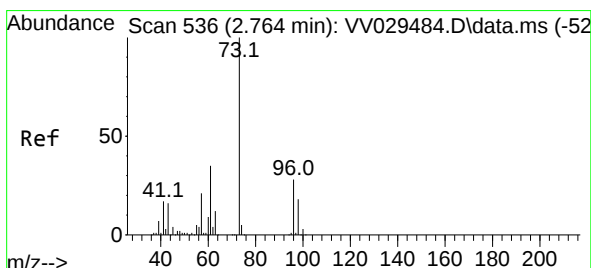
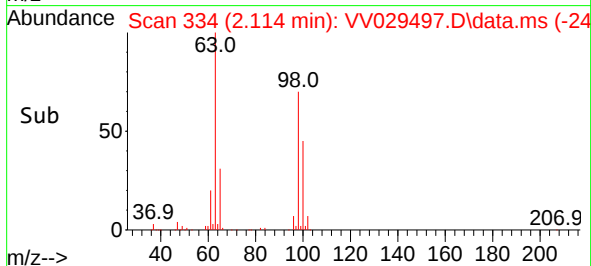
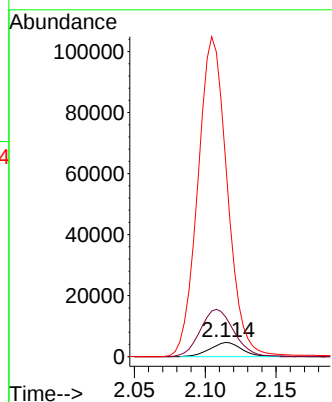
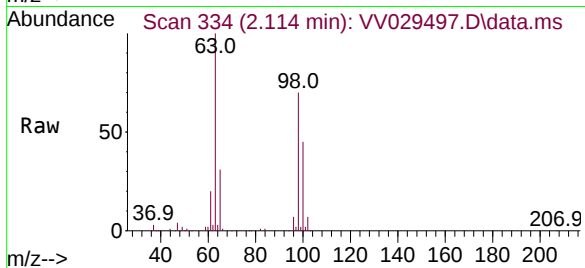
Tgt Ion: 96 Resp: 7202

Ion Ratio Lower Upper

96 100

61 280.0 103.3 191.9#

63 1384.1 77.3 143.7#



#18

Methyl tert-butyl Ether

Concen: 1.276 ug/L

RT: 2.767 min Scan# 537

Delta R.T. 0.003 min

Lab File: VV029497.D

Acq: 09 Dec 2022 00:51

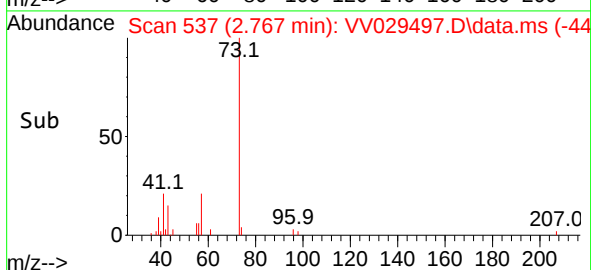
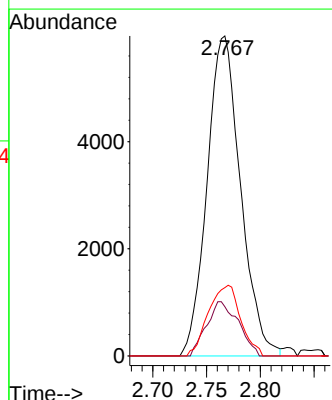
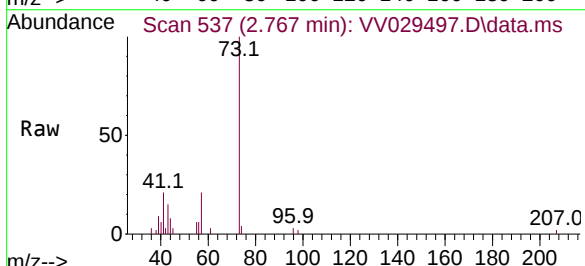
Tgt Ion: 73 Resp: 12944

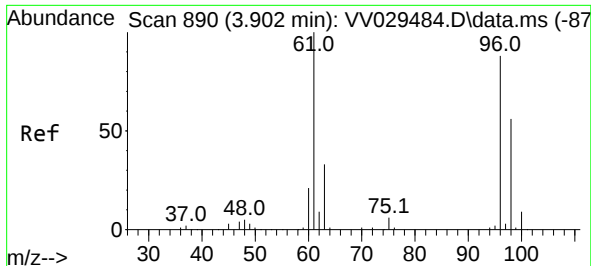
Ion Ratio Lower Upper

73 100

43 16.1 12.7 19.1

57 21.2 16.7 25.1

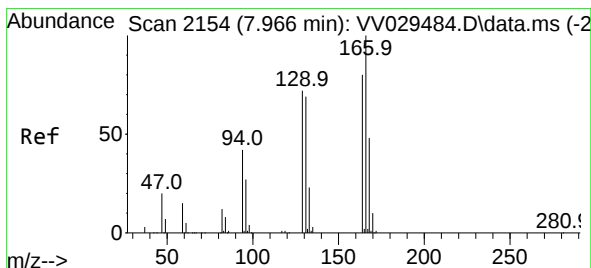
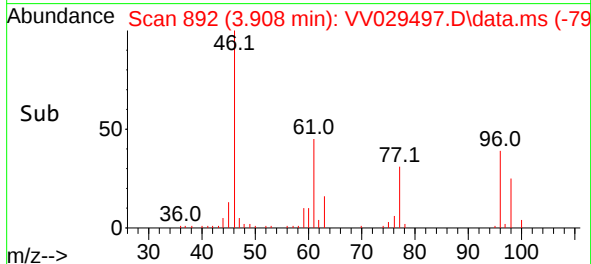
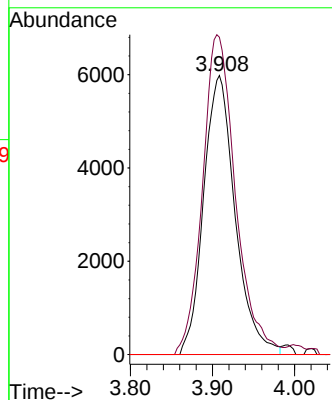
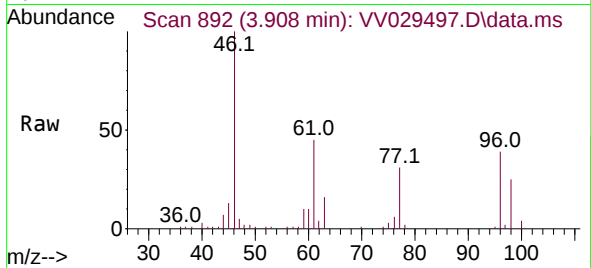




#20
cis-1,2-Dichloroethene
Concen: 4.400 ug/L
RT: 3.908 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

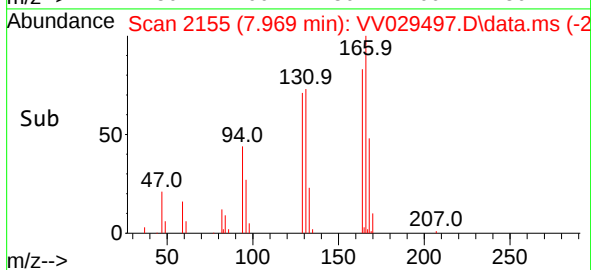
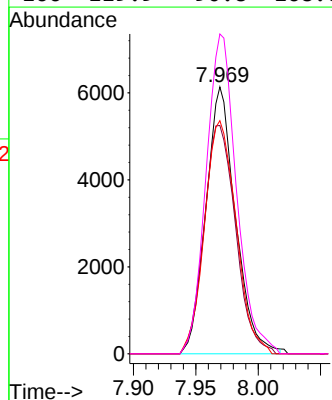
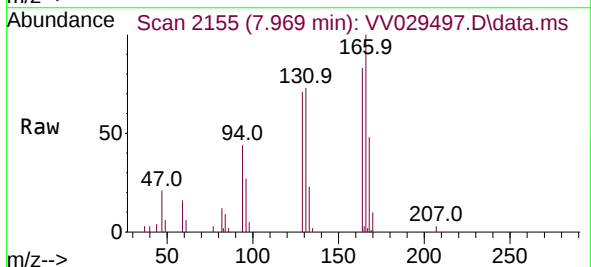
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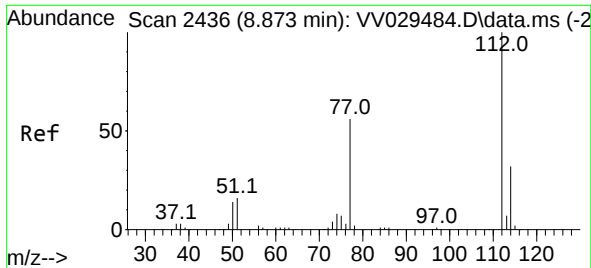
Tgt Ion: 96 Resp: 16015
Ion Ratio Lower Upper
96 100
61 113.7 78.0 144.9
68 0.0 0.0 0.0



#46
Tetrachloroethene
Concen: 3.590 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.000 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Tgt Ion:164 Resp: 10117
Ion Ratio Lower Upper
164 100
129 85.5 65.3 121.3
131 87.3 63.1 117.1
166 119.9 90.8 168.6

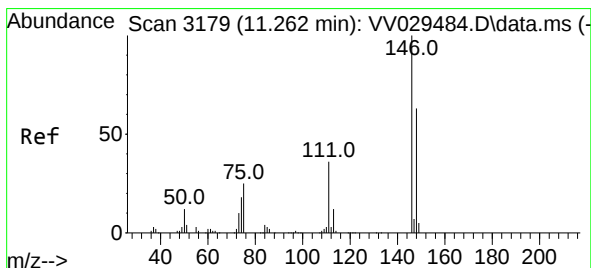
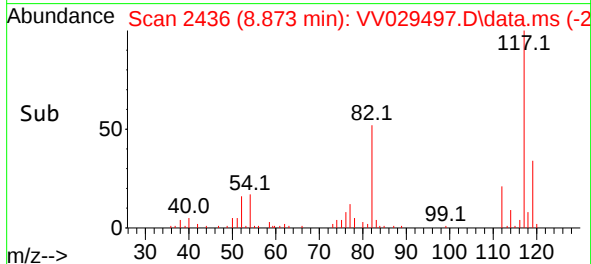
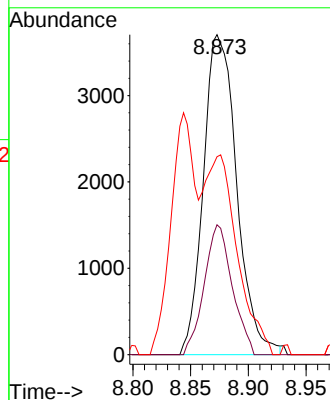
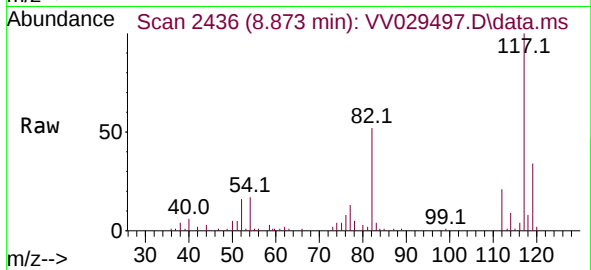




#51
Chlorobenzene
Concen: 0.782 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Instrument :
MSVOA_V
ClientSampleId :
F5N06

Tgt Ion:112 Resp: 7455
Ion Ratio Lower Upper
112 100
114 40.6 22.3 41.3
77 61.8 45.0 67.4



#65
1,4-Dichlorobenzene
Concen: 1.713 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029497.D
Acq: 09 Dec 2022 00:51

Tgt Ion:146 Resp: 13017
Ion Ratio Lower Upper
146 100
111 39.5 26.2 48.8
148 60.4 44.7 83.1

