

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022628.D
 Acq On : 06 Oct 2021 17:49
 Operator : SY/MD
 Sample : M4051-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT7

Quant Time: Oct 07 06:18:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

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

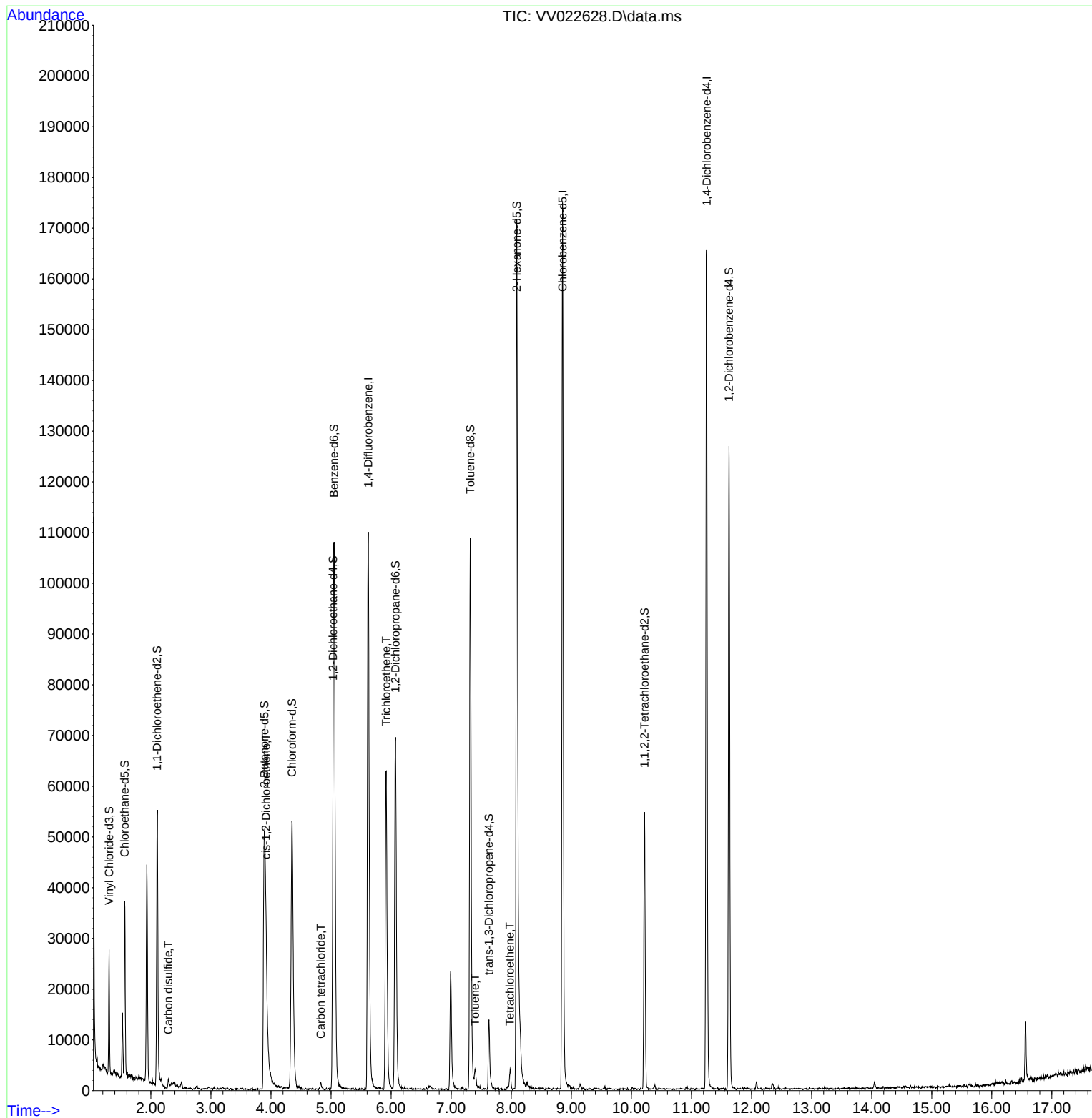
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100549	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99280	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	14000	4.346	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.565	69	21125	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.105	63	27720	2.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	3.889	46	84000	44.110	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.220%
24) Chloroform-d	4.349	84	53200	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.034	65	27944	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.050	84	96030	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.072	67	34366	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.320	98	73565	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.629	79	8469	4.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.092	63	55532	42.936	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.880%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26225	4.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	34027	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.291	76	1634	0.091	ug/L #	82
22) cis-1,2-Dichloroethene	3.915	96	6498	0.892	ug/L	94
31) Carbon tetrachloride	4.828	117	847	0.084	ug/L	98
34) Trichloroethene	5.918	95	21030	2.705	ug/L	99
42) Toluene	7.400	91	3023	0.108	ug/L	99
47) Tetrachloroethene	7.979	164	930	0.154	ug/L	89

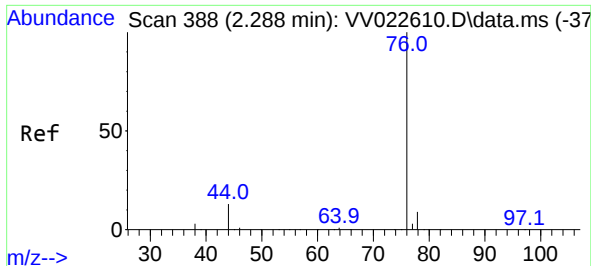
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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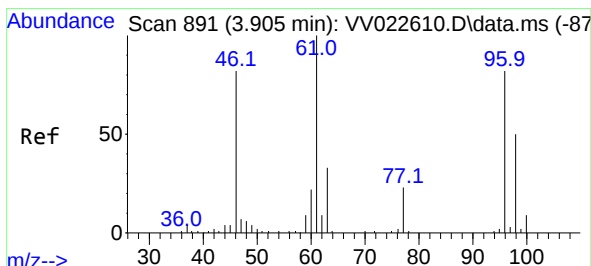
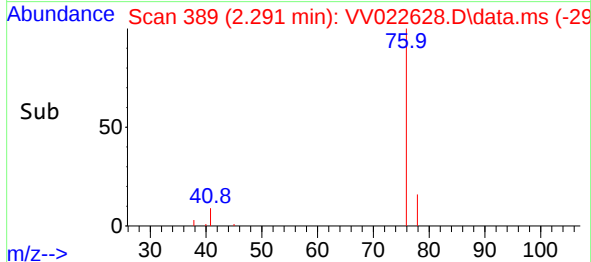
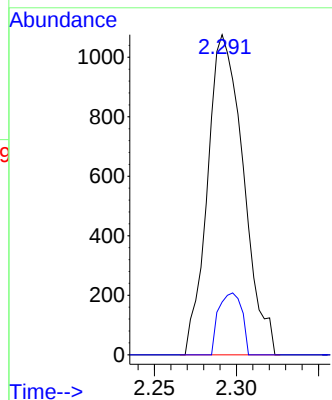
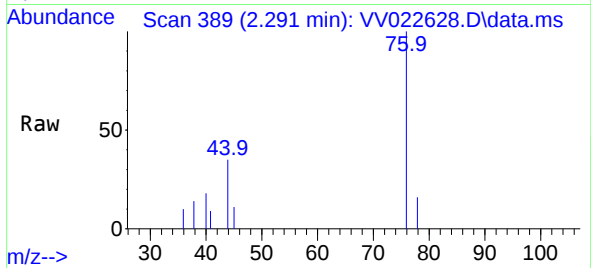




#14
Carbon disulfide
Concen: 0.091 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022628.D
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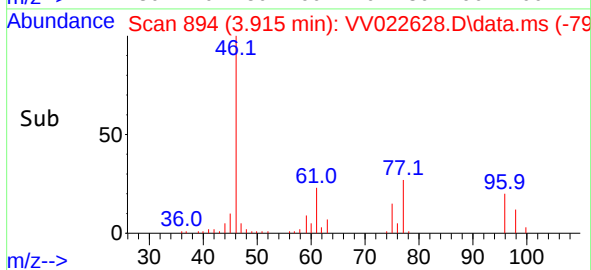
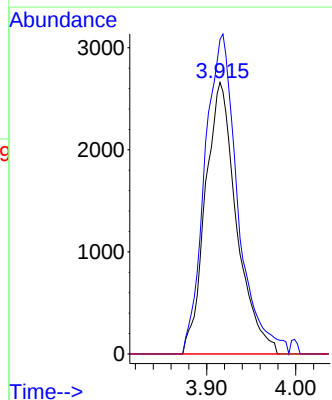
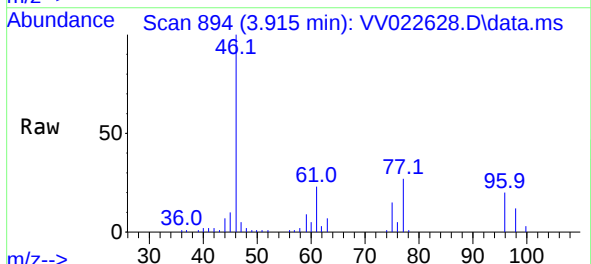
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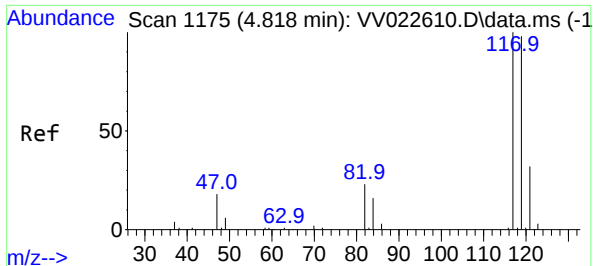
Tgt Ion: 76 Resp: 1634
Ion Ratio Lower Upper
76 100
78 16.4 7.8 11.6#



#22
cis-1,2-Dichloroethene
Concen: 0.892 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV022628.D
Acq: 06 Oct 2021 17:49

Tgt Ion: 96 Resp: 6498
Ion Ratio Lower Upper
96 100
61 115.8 85.6 159.0
68 0.0 0.0 0.0

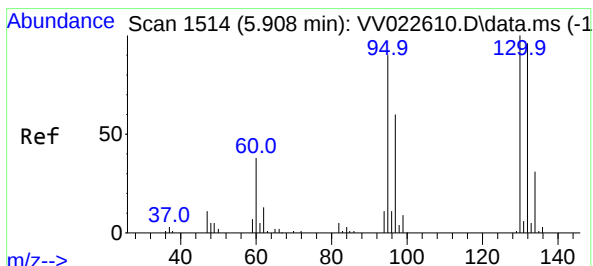
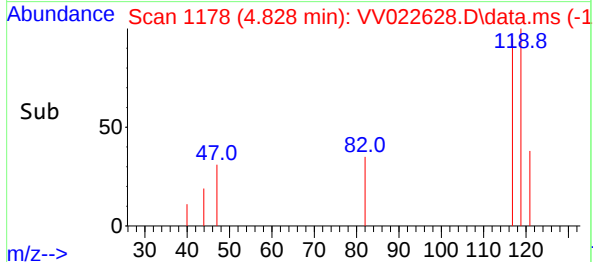
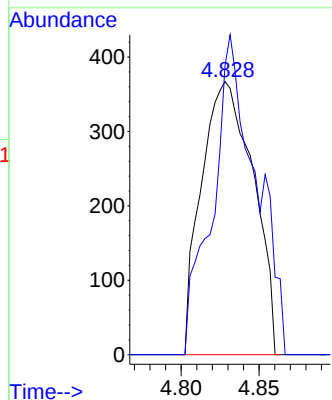
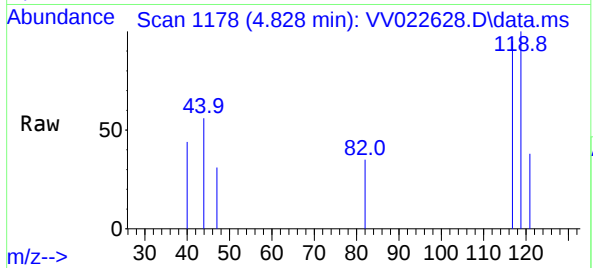




#31
Carbon tetrachloride
Concen: 0.084 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022628.D
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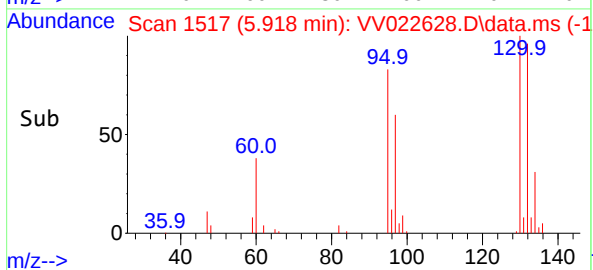
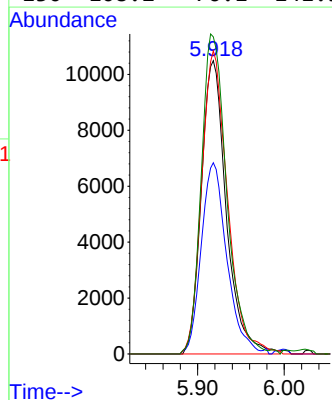
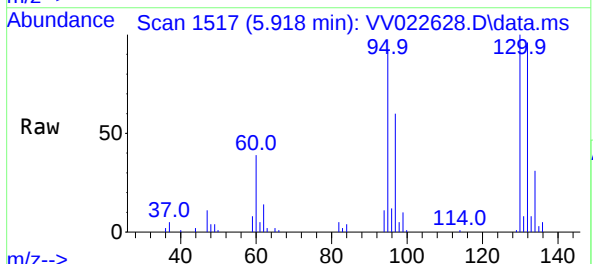
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ClientSampled :
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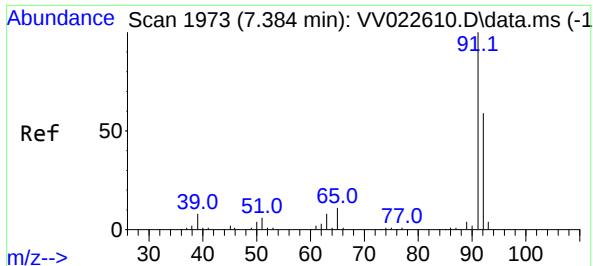
Tgt Ion:117 Resp: 847
Ion Ratio Lower Upper
117 100
119 98.1 76.9 115.3



#34
Trichloroethene
Concen: 2.705 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022628.D
Acq: 06 Oct 2021 17:49

Tgt Ion: 95 Resp: 21030
Ion Ratio Lower Upper
95 100
97 65.2 46.5 86.5
132 103.4 73.0 135.6
130 108.2 76.1 141.3

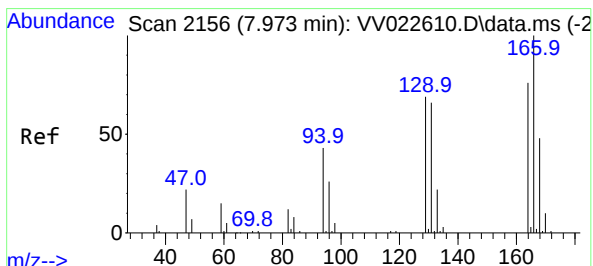
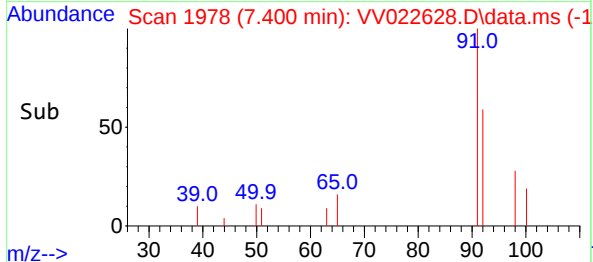
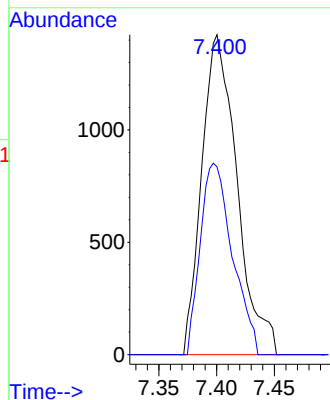
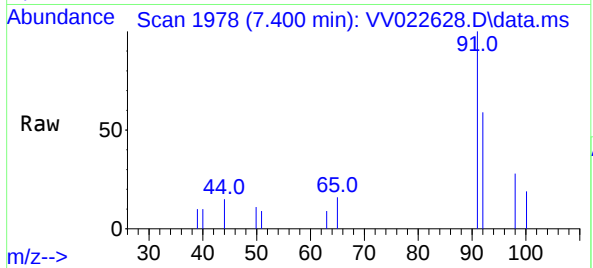




#42
Toluene
Concen: 0.108 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022628.D
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Instrument :
MSVOA_V
ClientSampled :
C0AT7

Tgt Ion: 91 Resp: 3023
Ion Ratio Lower Upper
91 100
92 58.7 40.5 75.3



#47
Tetrachloroethene
Concen: 0.154 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV022628.D
Acq: 06 Oct 2021 17:49

Tgt Ion: 164 Resp: 930
Ion Ratio Lower Upper
164 100
129 88.4 65.5 121.6
131 103.5 62.4 116.0
166 116.4 91.1 169.3

