

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021422\
 Data File : VW024647.D
 Acq On : 14 Feb 2022 13:43
 Operator : SY/MD
 Sample : N1476-08DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXZ6DL

Quant Time: Feb 15 06:27:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 15 06:26:19 2022
 Response via : Initial Calibration

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

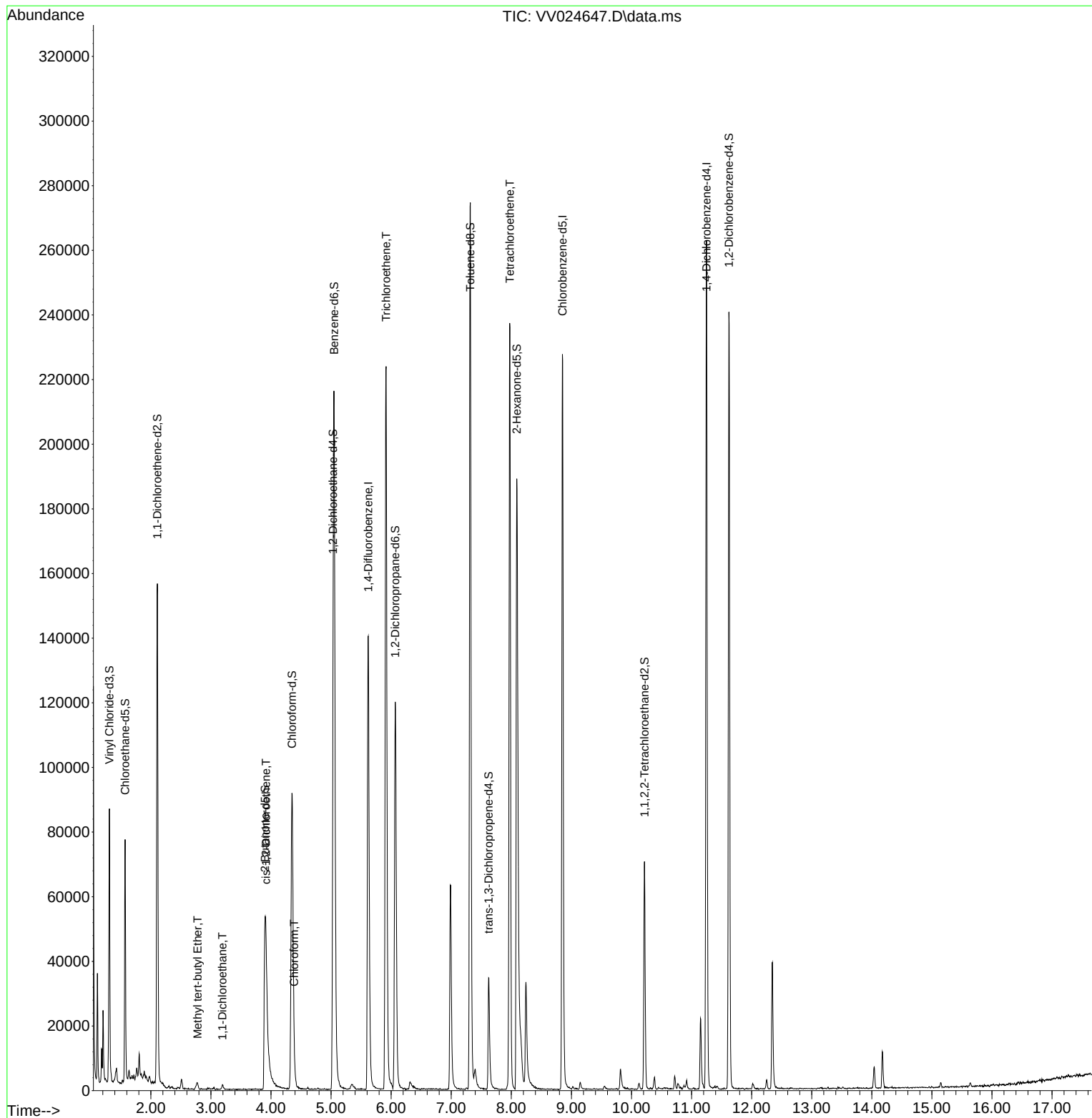
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122925	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	49241	4.779	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.600%	
7) Chloroethane-d5	1.571	69	47908	5.500	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.000%	
11) 1,1-Dichloroethene-d2	2.108	63	81259	3.605	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.200%	
20) 2-Butanone-d5	3.902	46	101033	59.065	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.120%	
24) Chloroform-d	4.349	84	95571	5.270	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.400%	
26) 1,2-Dichloroethane-d4	5.034	65	46533	5.655	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.000%	
32) Benzene-d6	5.050	84	201879	5.727	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.600%	
36) 1,2-Dichloropropane-d6	6.069	67	59258	5.405	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.000%	
41) Toluene-d8	7.317	98	181768	5.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.600%	
43) trans-1,3-Dichloroprop...	7.622	79	21114	4.769	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.092	63	84525	54.186	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.380%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35104	5.377	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	107.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57525	5.747	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.000%	
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.777	73	1931	0.074	ug/L	# 65
19) 1,1-Dichloroethane	3.192	63	1753	0.081	ug/L	90
22) cis-1,2-Dichloroethene	3.915	96	7926	0.629	ug/L	87
25) Chloroform	4.384	83	3820	0.169	ug/L	90
34) Trichloroethene	5.915	95	80556	6.033	ug/L	89
47) Tetrachloroethene	7.976	164	49648	5.605	ug/L	91

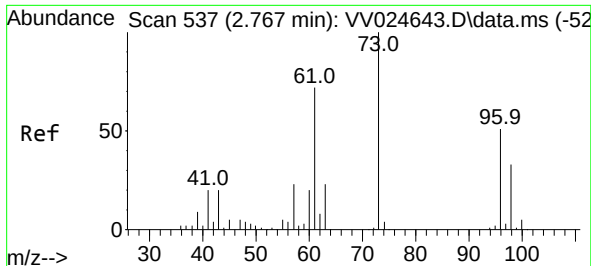
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 15 06:26:19 2022
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.074 ug/L

RT: 2.777 min Scan# 540

Delta R.T. 0.010 min

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Instrument :

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ClientSampleId :

BFXZ6DL

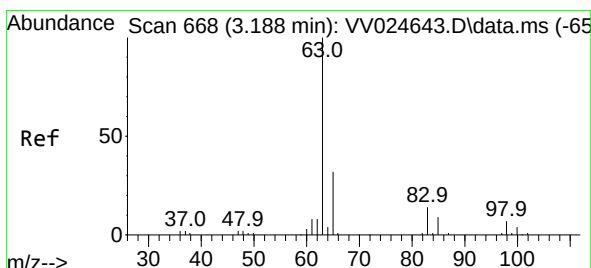
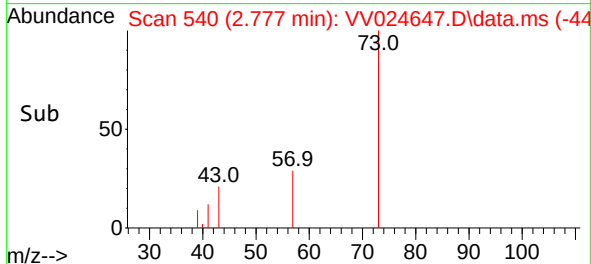
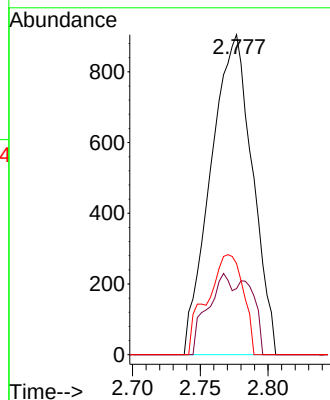
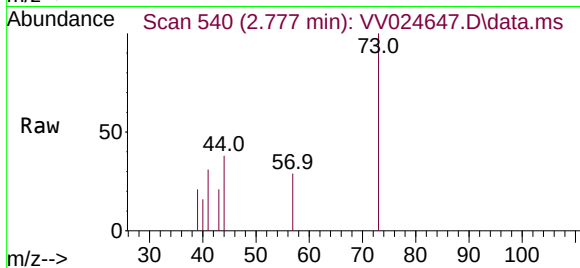
Tgt Ion: 73 Resp: 1931

Ion Ratio Lower Upper

73 100

43 9.0 15.5 23.3#

57 0.0 17.1 25.7#



#19

1,1-Dichloroethane

Concen: 0.081 ug/L

RT: 3.192 min Scan# 669

Delta R.T. 0.003 min

Lab File: VV024647.D

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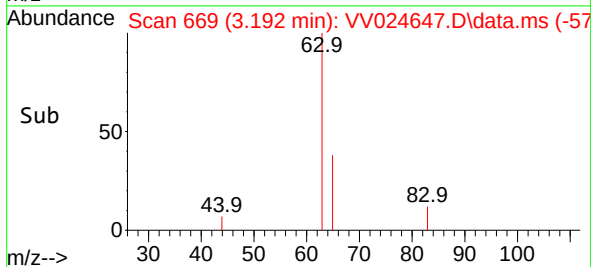
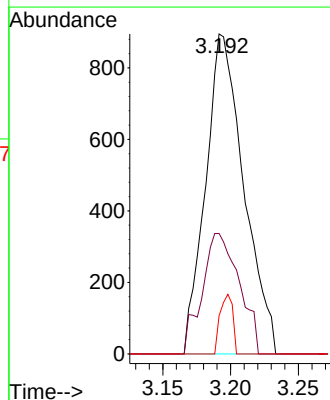
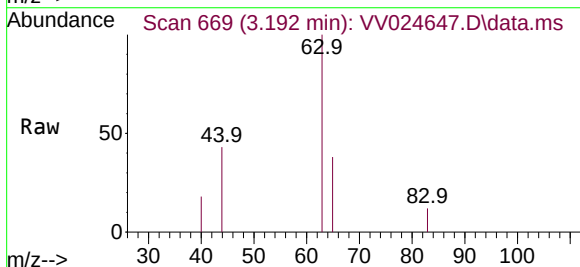
Tgt Ion: 63 Resp: 1753

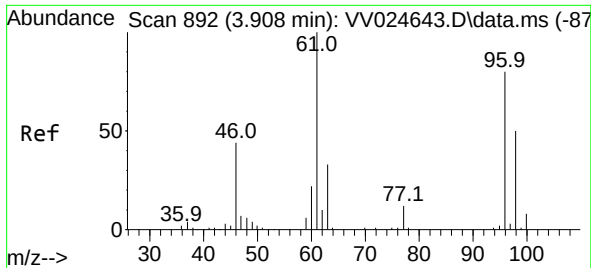
Ion Ratio Lower Upper

63 100

65 37.7 22.3 41.3

83 12.0 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 0.629 ug/L

RT: 3.915 min Scan# 89

Delta R.T. 0.006 min

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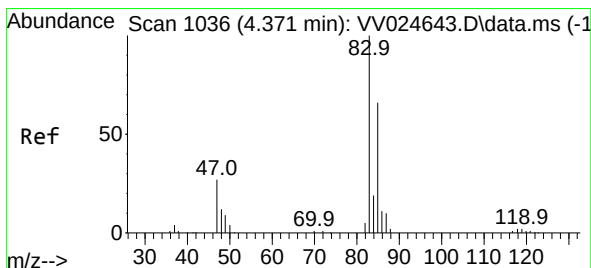
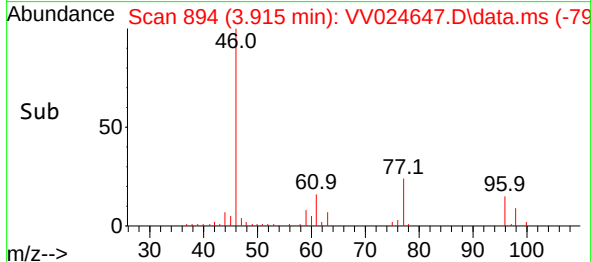
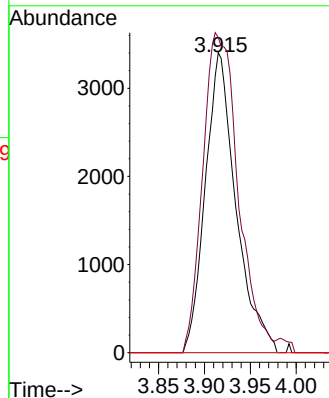
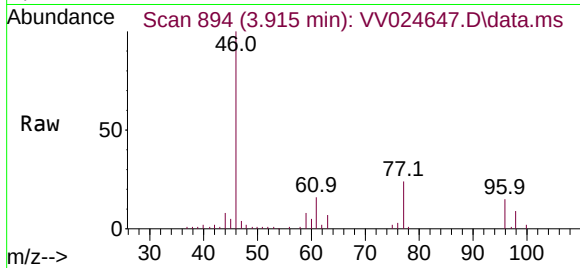
Tgt Ion: 96 Resp: 7926

Ion Ratio Lower Upper

96 100

61 105.0 83.4 154.8

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.169 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.013 min

Lab File: VV024647.D

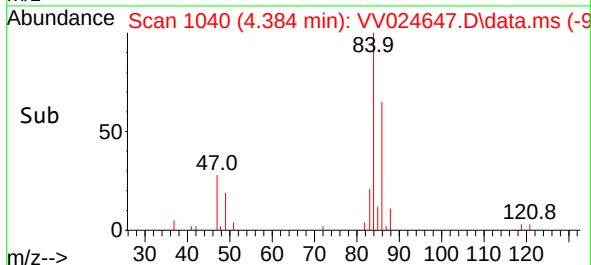
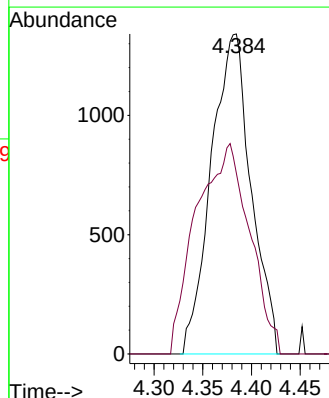
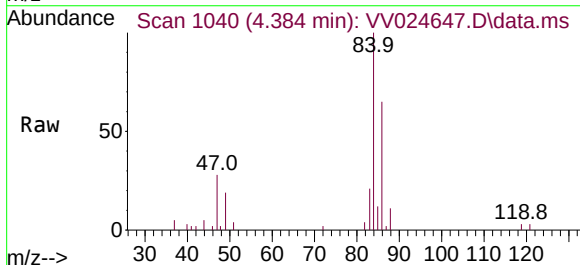
Acq: 14 Feb 2022 13:43

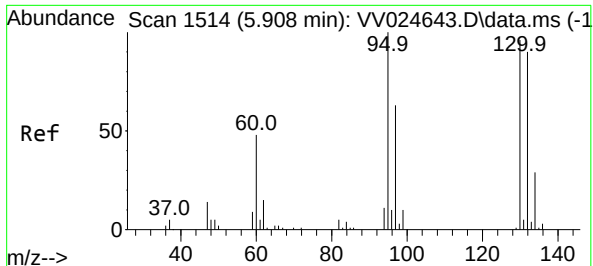
Tgt Ion: 83 Resp: 3820

Ion Ratio Lower Upper

83 100

85 56.5 45.2 84.0

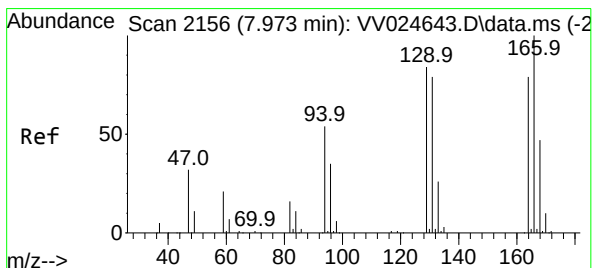
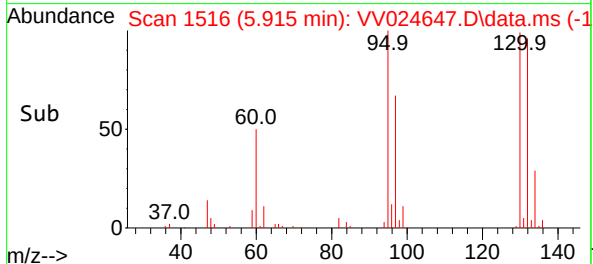
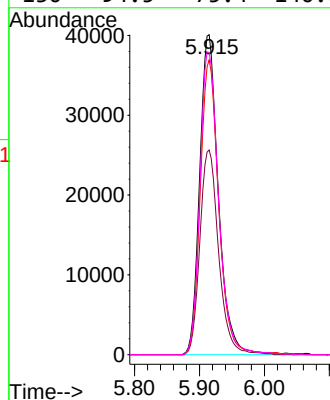
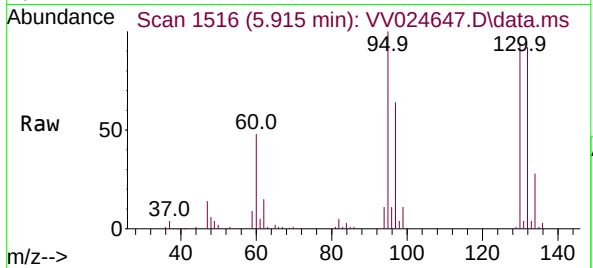




#34
Trichloroethene
Concen: 6.033 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024647.D
Acq: 14 Feb 2022 13:43

Instrument :
MSVOA_V
ClientSampleId :
BFXZ6DL

Tgt Ion: 95 Resp: 80556
Ion Ratio Lower Upper
95 100
97 64.0 45.2 84.0
132 92.1 76.1 141.3
130 94.5 75.4 140.0



#47
Tetrachloroethene
Concen: 5.605 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024647.D
Acq: 14 Feb 2022 13:43

Tgt Ion:164 Resp: 49648
Ion Ratio Lower Upper
164 100
129 103.7 62.6 116.2
131 99.2 61.0 113.4
166 122.6 87.3 162.1

