

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051781.D
 Acq On : 08 Nov 2022 14:02
 Operator : JC/MD
 Sample : N5493-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA1

Quant Time: Nov 09 00:01:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

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

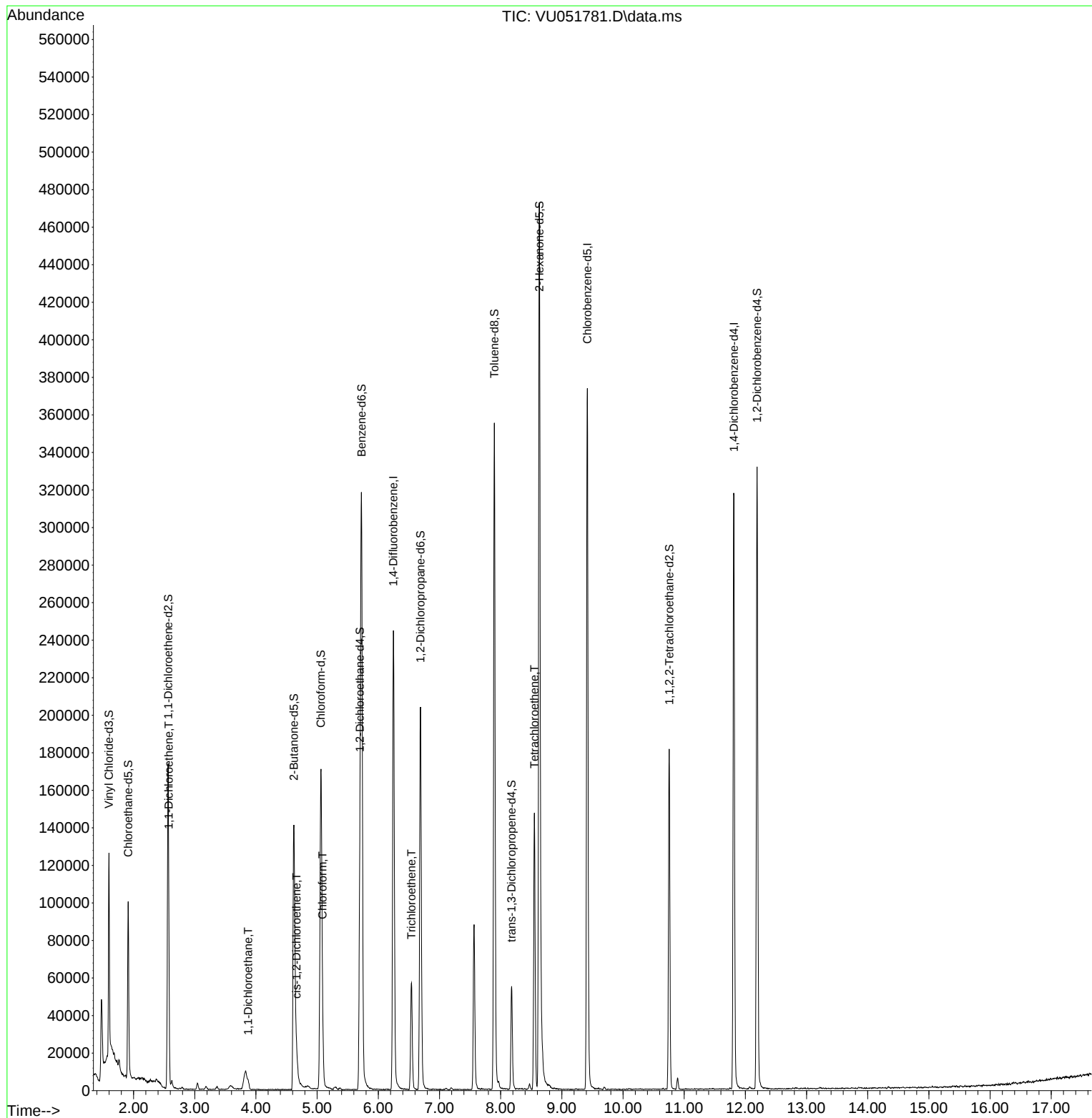
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	207847	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	218096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89300	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77610	4.958	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.912	69	71332	4.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.565	65	31656	5.572	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.400%
20) 2-Butanone-d5	4.620	46	208443	36.767	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.540%
24) Chloroform-d	5.060	84	156426	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.700	65	84034	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.726	84	311385	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.690	67	103353	4.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.800%
41) Toluene-d8	7.896	98	248221	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	8.179	79	32537	4.422	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.632	63	162671	36.722	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.440%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	91849	4.165	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	93058	5.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	3603	0.199	ug/L	# 1
19) 1,1-Dichloroethane	3.871	63	6348	0.177	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	3813	0.178	ug/L	89
25) Chloroform	5.086	83	21094	0.568	ug/L	95
34) Trichloroethene	6.539	95	20076	0.967	ug/L	98
47) Tetrachloroethene	8.552	164	33413	2.100	ug/L	94

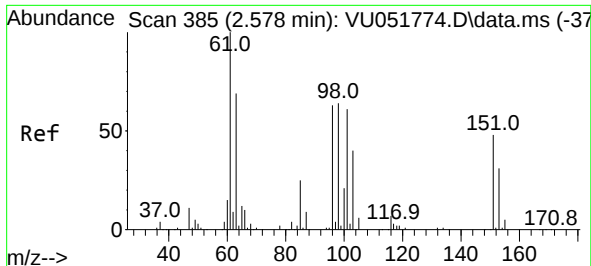
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 08 23:59:15 2022
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#12

1,1-Dichloroethene

Concen: 0.199 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.003 min

Lab File: VU051781.D

Acq: 08 Nov 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

H0AA1

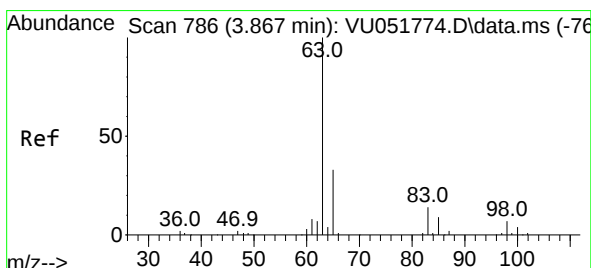
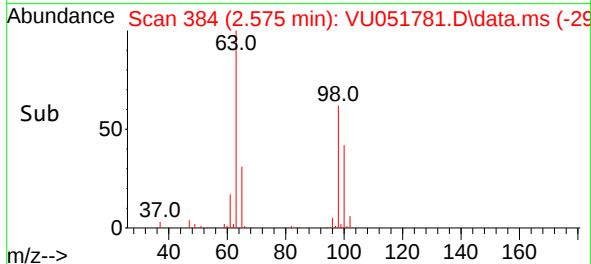
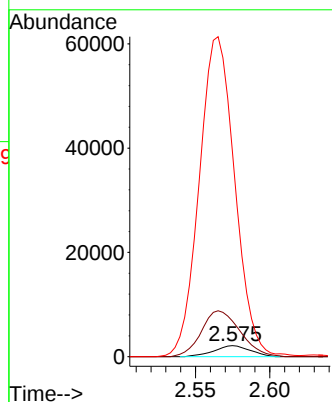
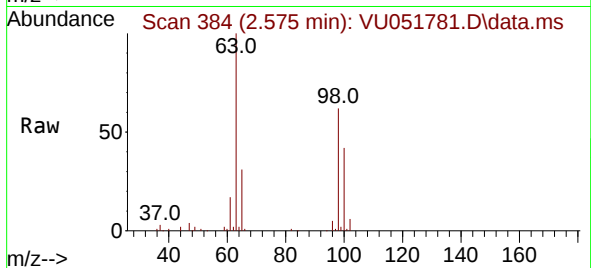
Tgt Ion: 96 Resp: 3603

Ion Ratio Lower Upper

96 100

61 324.6 108.8 202.0#

63 1870.2 64.9 120.5#



#19

1,1-Dichloroethane

Concen: 0.177 ug/L

RT: 3.871 min Scan# 787

Delta R.T. 0.003 min

Lab File: VU051781.D

Acq: 08 Nov 2022 14:02

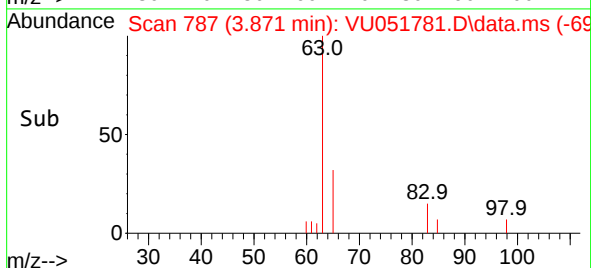
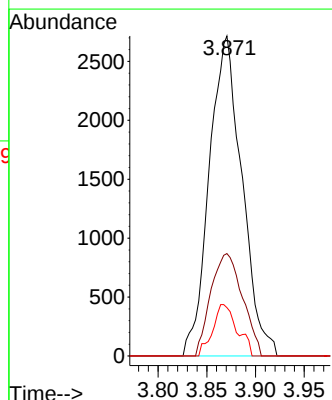
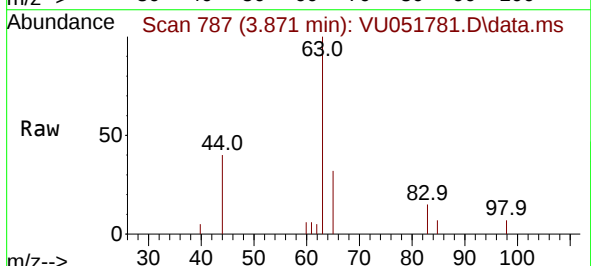
Tgt Ion: 63 Resp: 6348

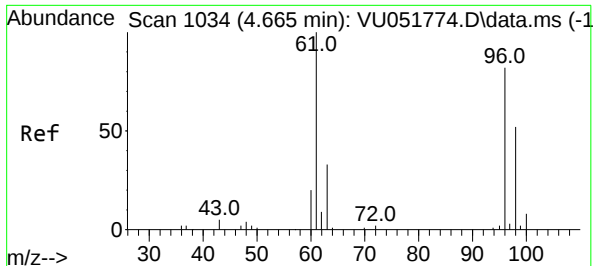
Ion Ratio Lower Upper

63 100

65 32.0 22.7 42.1

83 15.1 9.2 17.0





#22

cis-1,2-Dichloroethene

Concen: 0.178 ug/L

RT: 4.665 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VU051781.D

Acq: 08 Nov 2022 14:02

Instrument :

MSVOA_U

ClientSampleId :

H0AA1

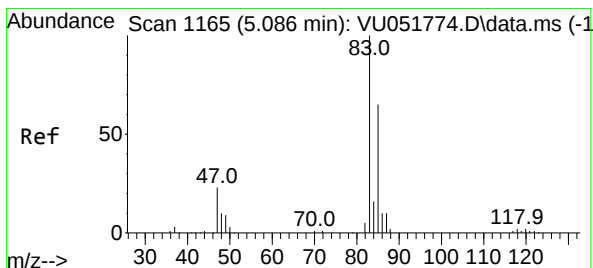
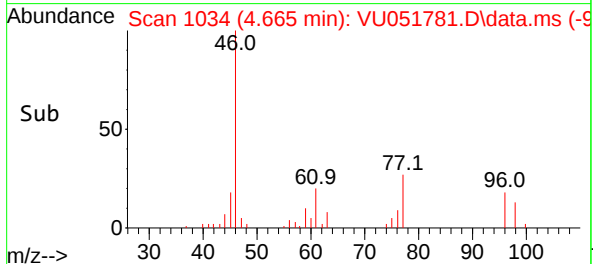
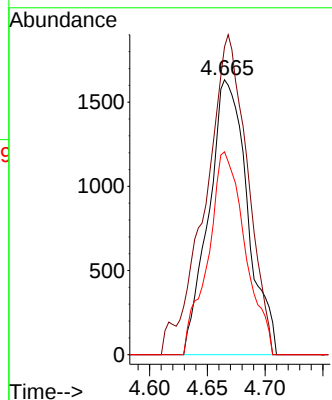
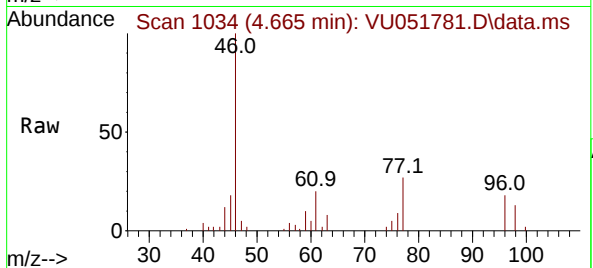
Tgt Ion: 96 Resp: 3813

Ion Ratio Lower Upper

96 100

61 112.0 86.4 160.4

98 73.8 44.2 82.2



#25

Chloroform

Concen: 0.568 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051781.D

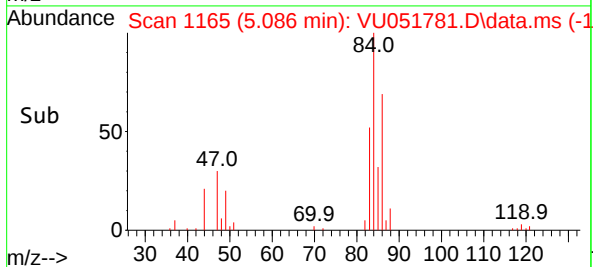
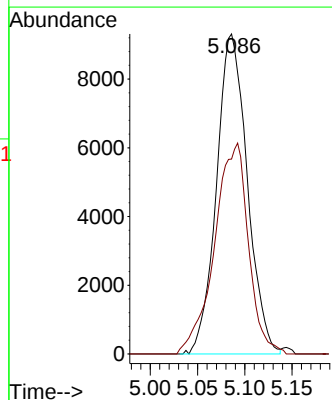
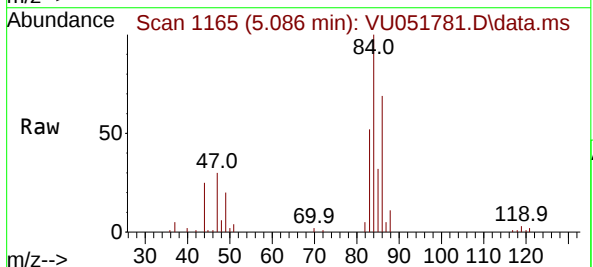
Acq: 08 Nov 2022 14:02

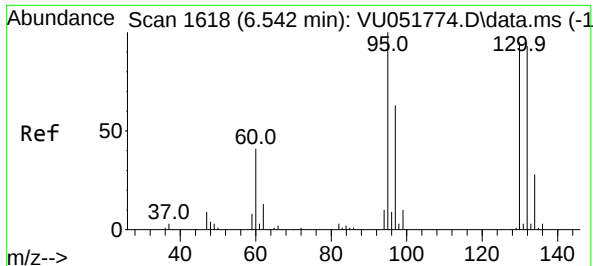
Tgt Ion: 83 Resp: 21094

Ion Ratio Lower Upper

83 100

85 60.9 45.2 84.0



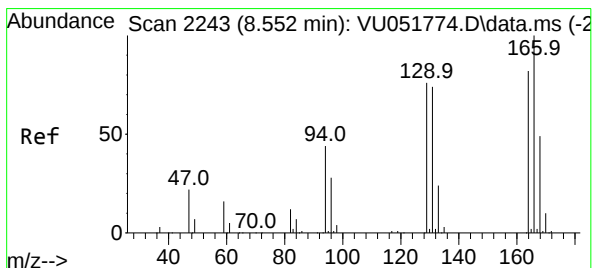
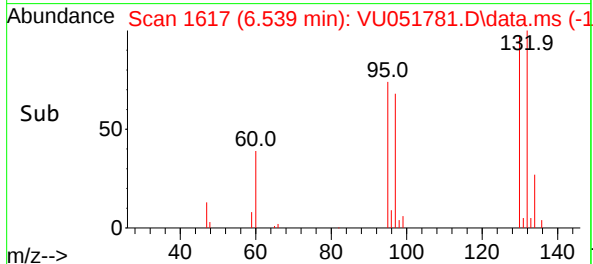
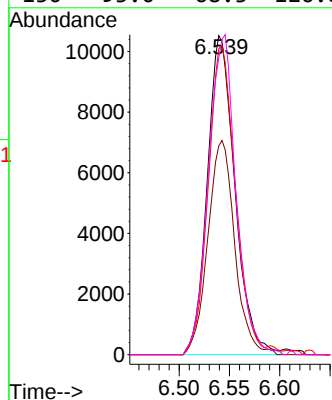
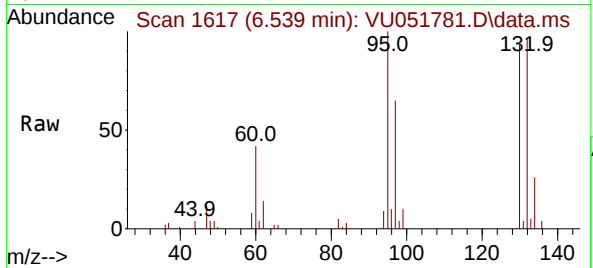


#34
Trichloroethene
Concen: 0.967 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU051781.D
Acq: 08 Nov 2022 14:02

Instrument :
MSVOA_U
ClientSampleId :
H0AA1

Tgt Ion: 95 Resp: 20076

Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.2	84.0
132	95.9	66.5	123.5
130	93.0	68.3	126.8



#47
Tetrachloroethene
Concen: 2.100 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051781.D
Acq: 08 Nov 2022 14:02

Tgt Ion: 164 Resp: 33413

Ion	Ratio	Lower	Upper
164	100		
129	99.9	64.0	118.8
131	93.4	60.7	112.7
166	127.1	86.8	161.2

