

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011922\
 Data File : VU046797.D
 Acq On : 19 Jan 2022 14:36
 Operator : SY/MD
 Sample : N1194-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX1

Quant Time: Jan 20 02:02:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

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

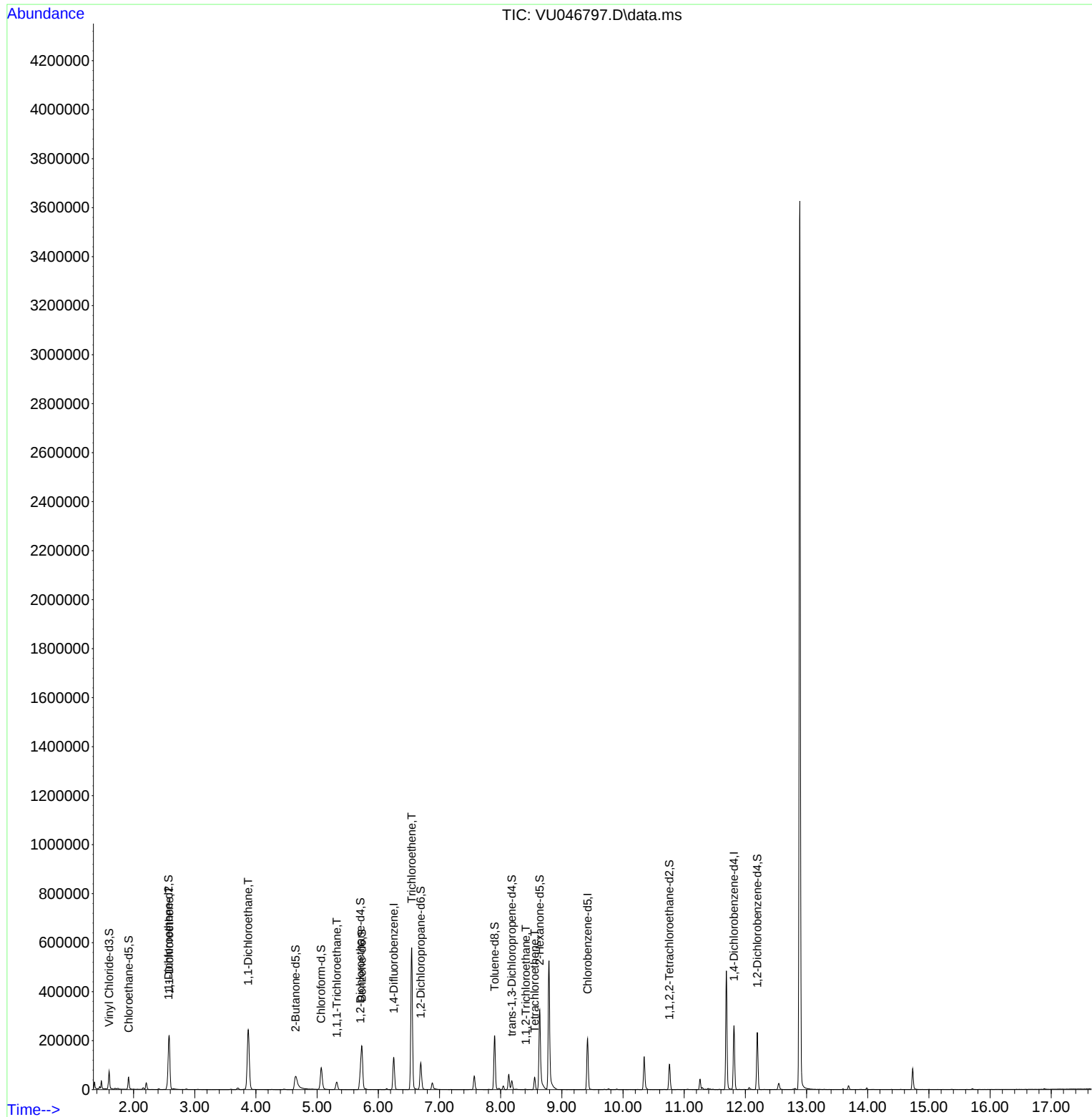
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	113104	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	122259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70637	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	46421	4.844	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.800%
7) Chloroethane-d5	1.919	69	38704	5.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.600%
11) 1,1-Dichloroethene-d2	2.572	65	19159	5.026	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.600%
20) 2-Butanone-d5	4.649	46	135110	47.586	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.180%
24) Chloroform-d	5.067	84	83522	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.706	65	46201	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.732	84	174209	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.694	67	54435	5.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.899	98	148944	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.182	79	21538	4.546	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.639	63	143294	51.078	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	53735	4.961	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	62889	4.747	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.584	96	56074	8.879	ug/L	# 76
19) 1,1-Dichloroethane	3.874	63	283141	24.656	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	23281	2.114	ug/L	98
34) Trichloroethene	6.546	95	201289	26.934	ug/L	97
45) 1,1,2-Trichloroethane	8.411	97	568	0.095	ug/L	85
47) Tetrachloroethene	8.555	164	11290	1.857	ug/L	93

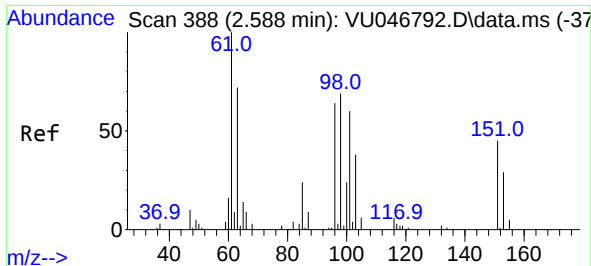
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 20 02:00:32 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 8.879 ug/L

RT: 2.584 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU046797.D

Acq: 19 Jan 2022 14:36

Instrument :

MSVOA_U

ClientSampleId :

BFXX1

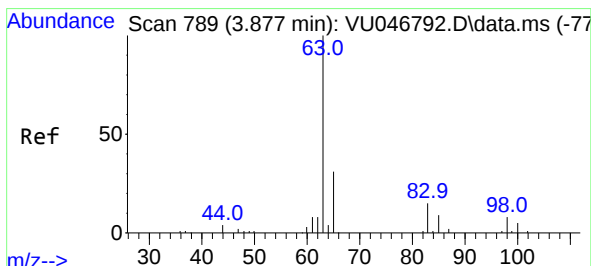
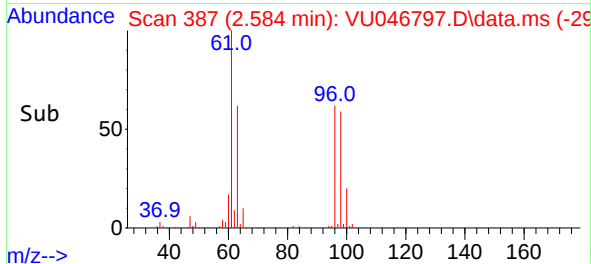
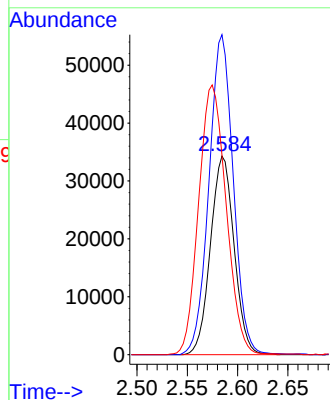
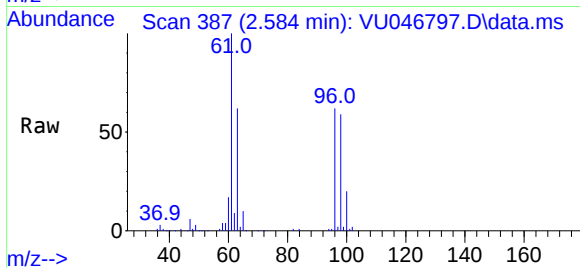
Tgt Ion: 96 Resp: 56074

Ion Ratio Lower Upper

96 100

61 161.2 124.7 231.5

63 100.7 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 24.656 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046797.D

Acq: 19 Jan 2022 14:36

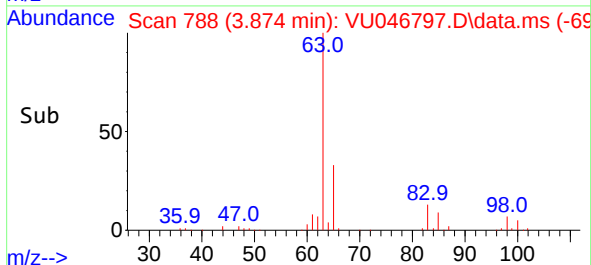
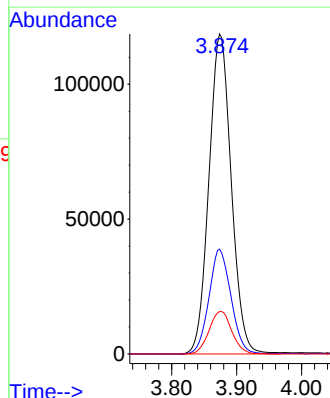
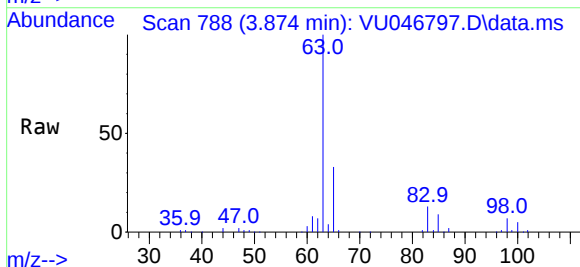
Tgt Ion: 63 Resp: 283141

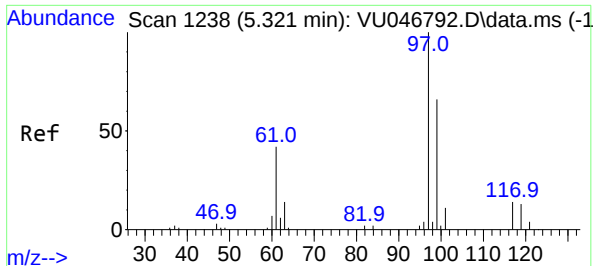
Ion Ratio Lower Upper

63 100

65 32.8 22.3 41.5

83 13.2 9.6 17.8

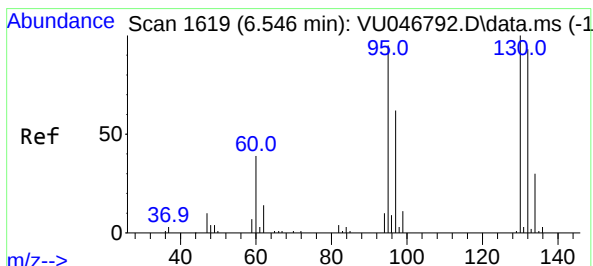
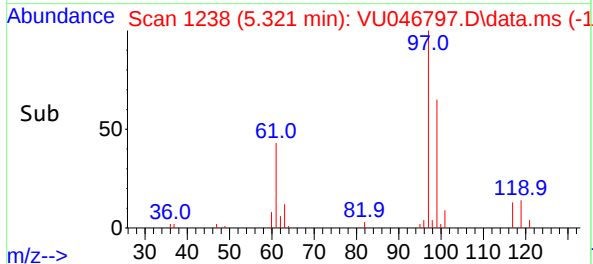
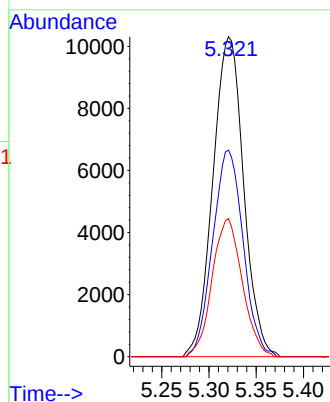
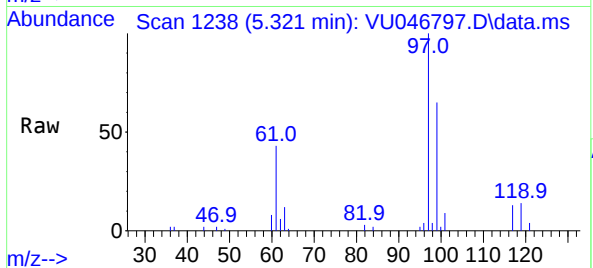




#29
1,1,1-Trichloroethane
Concen: 2.114 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046797.D
Acq: 19 Jan 2022 14:36

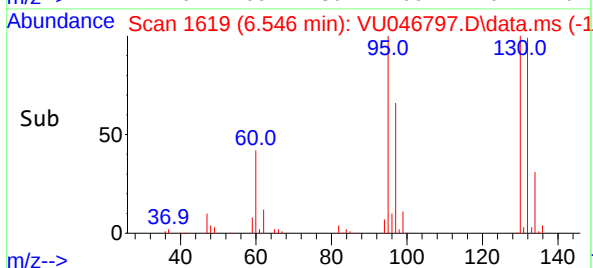
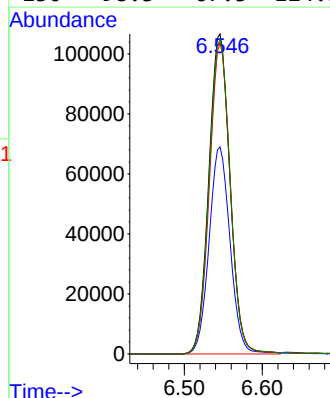
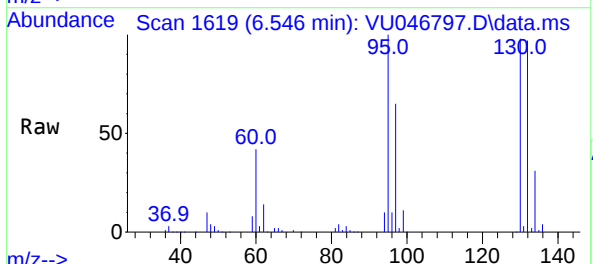
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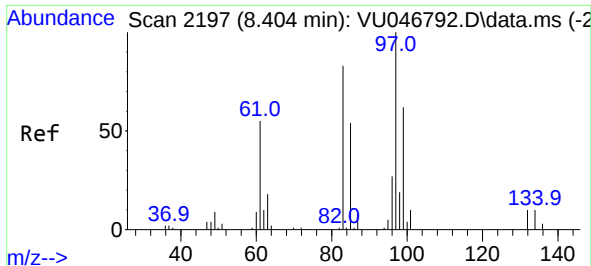
Tgt Ion: 97	Resp: 23281
Ion Ratio	Lower Upper
97 100	
99 64.2	51.3 76.9
61 42.4	36.1 54.1



#34
Trichloroethene
Concen: 26.934 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046797.D
Acq: 19 Jan 2022 14:36

Tgt Ion: 95	Resp: 201289
Ion Ratio	Lower Upper
95 100	
97 64.7	46.5 86.5
132 97.3	65.1 120.9
130 98.3	67.3 124.9



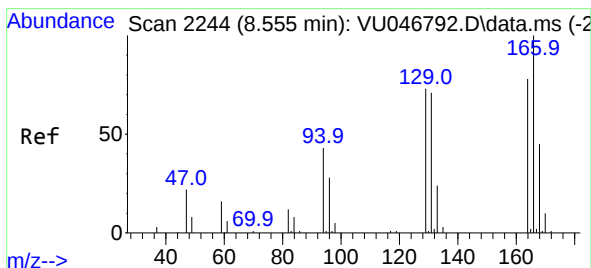
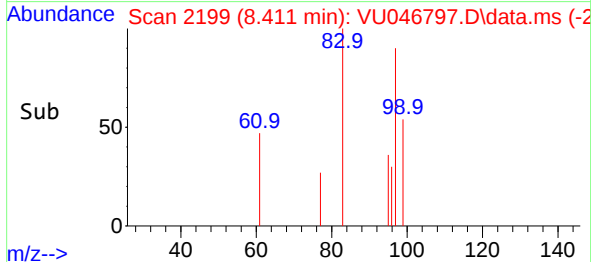
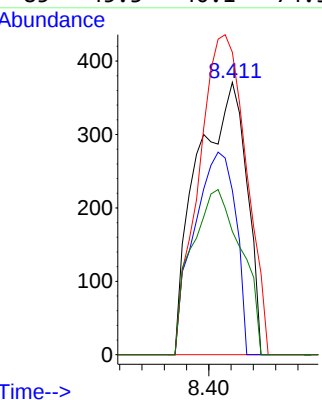
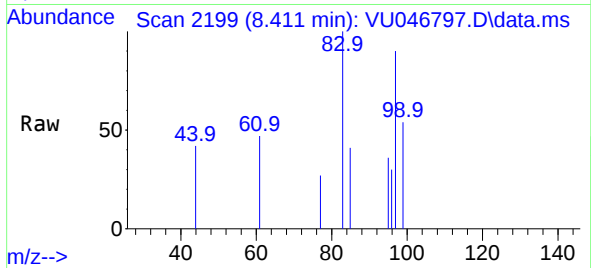


#45
1,1,2-Trichloroethane
Concen: 0.095 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.006 min
Lab File: VU046797.D
Acq: 19 Jan 2022 14:36

Instrument :
MSVOA_U
ClientSampleId :
BFX1

Tgt Ion: 97 Resp: 568

Ion	Ratio	Lower	Upper
97	100		
99	60.4	42.3	78.5
83	111.1	62.0	115.2
85	45.3	40.1	74.5



#47
Tetrachloroethene
Concen: 1.857 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046797.D
Acq: 19 Jan 2022 14:36

Tgt Ion: 164 Resp: 11290

Ion	Ratio	Lower	Upper
164	100		
129	91.6	71.8	133.4
131	93.4	68.5	127.3
166	126.3	94.1	174.8

