

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056444.D
 Acq On : 17 Nov 2023 16:06
 Operator : MD/SY
 Sample : 05371-10RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCDN7RE

Quant Time: Nov 17 23:22:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 23:14:39 2023
 Response via : Initial Calibration

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

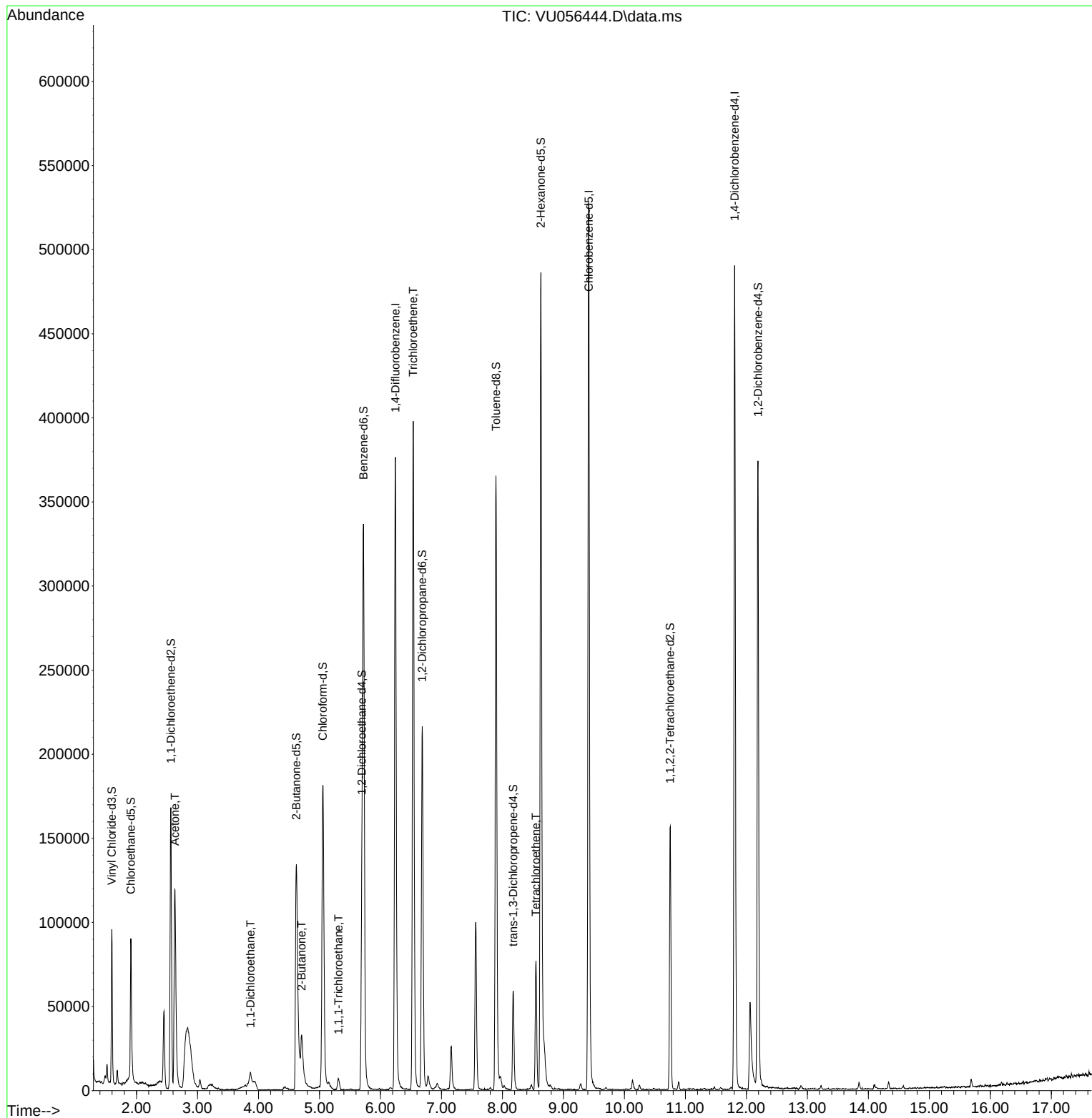
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	307779	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	304052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	130763	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	66398	2.884	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.600%
7) Chloroethane-d5	1.907	69	59890	3.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.800%
11) 1,1-Dichloroethene-d2	2.563	65	31455	3.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	4.621	46	217862	47.461	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.920%
24) Chloroform-d	5.055	84	175966	3.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	5.695	65	89615	4.355	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.721	84	322194	3.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.200%
36) 1,2-Dichloropropane-d6	6.685	67	105898	3.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.894	98	255858	3.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.000%#
43) trans-1,3-Dichloroprop...	8.177	79	35480	3.388	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.631	63	173049	42.054	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.100%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	77955	3.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	99226	4.108	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
13) Acetone	2.631	43	161565	41.325	ug/L	100
19) 1,1-Dichloroethane	3.869	63	8432	0.220	ug/L	97
21) 2-Butanone	4.708	43	48813	9.622	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	5458	0.156	ug/L	93
34) Trichloroethene	6.537	95	143953	6.090	ug/L	99
47) Tetrachloroethene	8.550	164	16777	1.053	ug/L	92

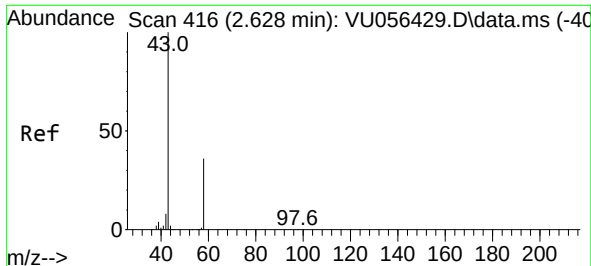
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 17 23:14:39 2023
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#13

Acetone

Concen: 41.325 ug/L

RT: 2.631 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU056444.D

Acq: 17 Nov 2023 16:06

Instrument :

MSVOA_U

ClientSampleId :

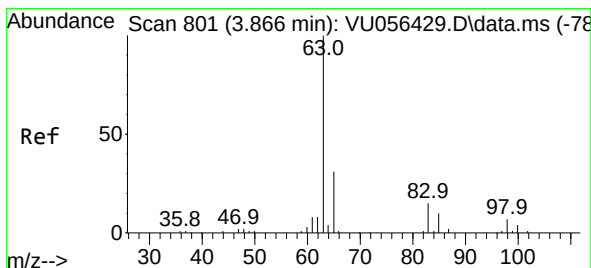
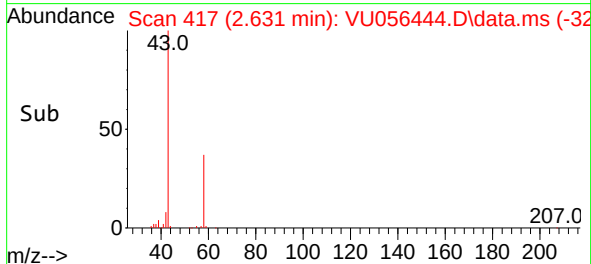
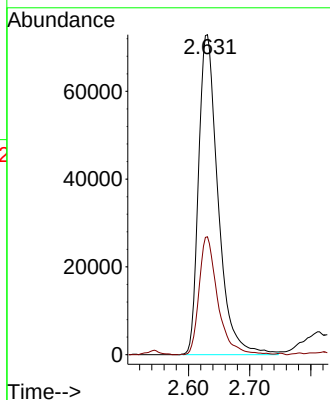
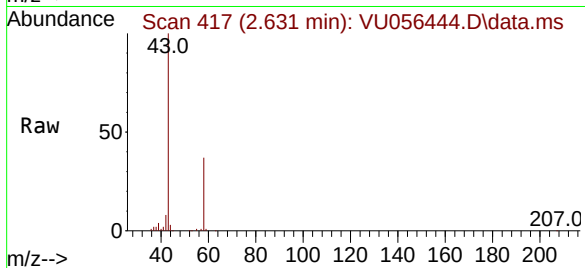
GCDN7RE

Tgt Ion: 43 Resp: 161565

Ion Ratio Lower Upper

43 100

58 35.3 0.0 70.0



#19

1,1-Dichloroethane

Concen: 0.220 ug/L

RT: 3.869 min Scan# 802

Delta R.T. 0.003 min

Lab File: VU056444.D

Acq: 17 Nov 2023 16:06

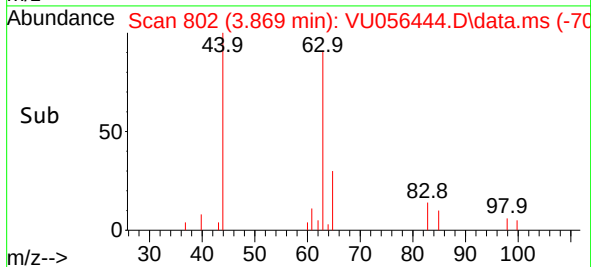
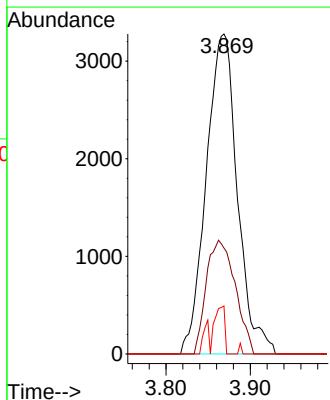
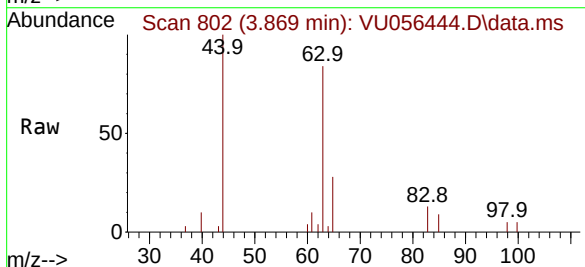
Tgt Ion: 63 Resp: 8432

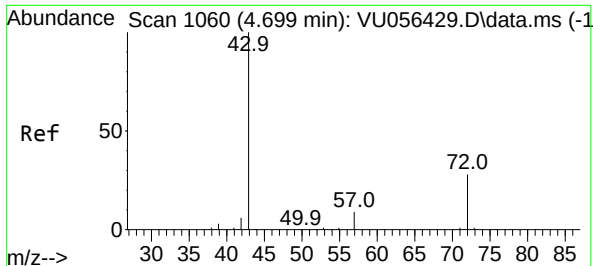
Ion Ratio Lower Upper

63 100

65 33.1 21.8 40.6

83 15.0 9.7 17.9

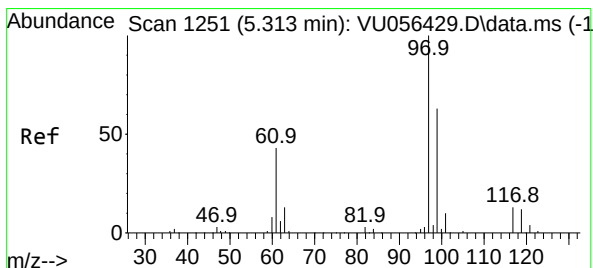
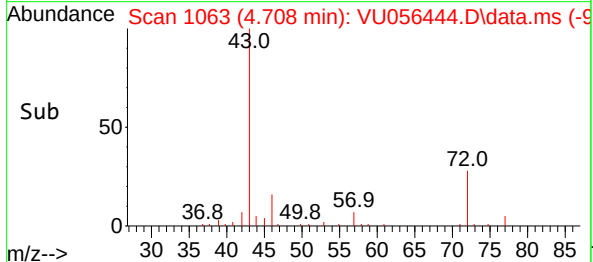
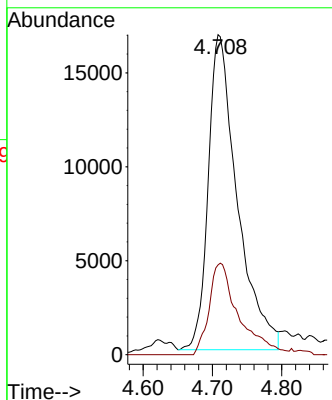
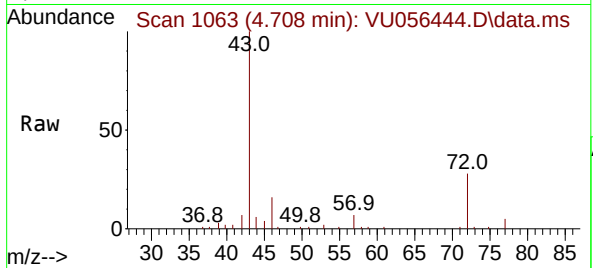




#21
2-Butanone
Concen: 9.622 ug/L
RT: 4.708 min Scan# 1063
Delta R.T. 0.009 min
Lab File: VU056444.D
Acq: 17 Nov 2023 16:06

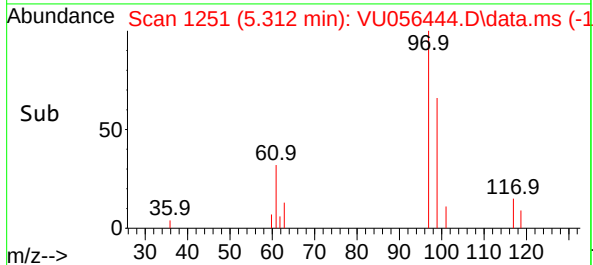
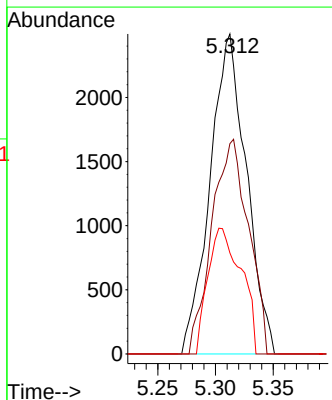
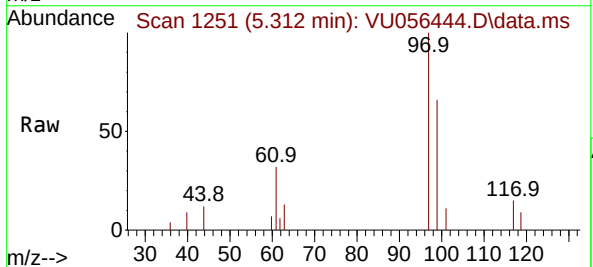
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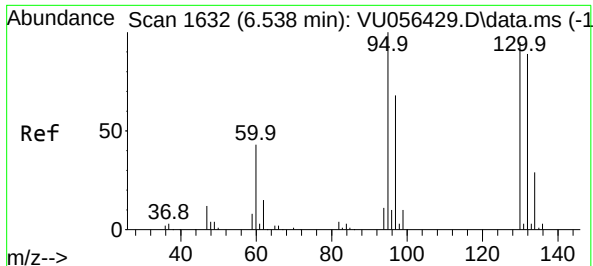
Tgt Ion: 43 Resp: 48813
Ion Ratio Lower Upper
43 100
72 29.6 14.2 42.6



#29
1,1,1-Trichloroethane
Concen: 0.156 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU056444.D
Acq: 17 Nov 2023 16:06

Tgt Ion: 97 Resp: 5458
Ion Ratio Lower Upper
97 100
99 67.6 51.6 77.4
61 36.1 34.3 51.5





#34

Trichloroethene

Concen: 6.090 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056444.D

Acq: 17 Nov 2023 16:06

Instrument :

MSVOA_U

ClientSampleId :

GCDN7RE

Tgt Ion: 95 Resp: 143953

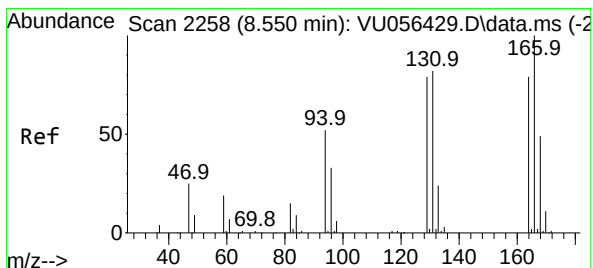
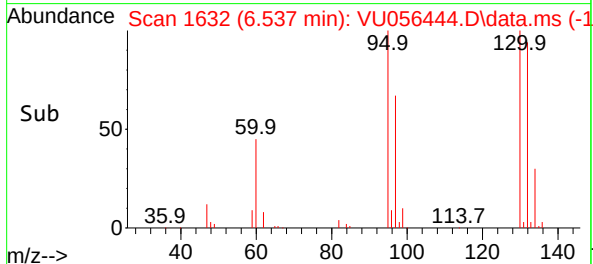
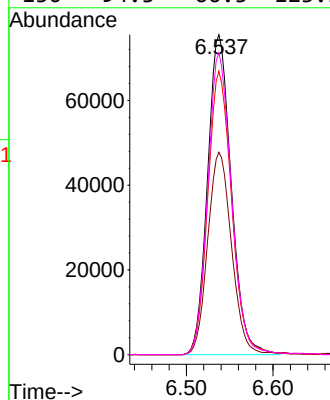
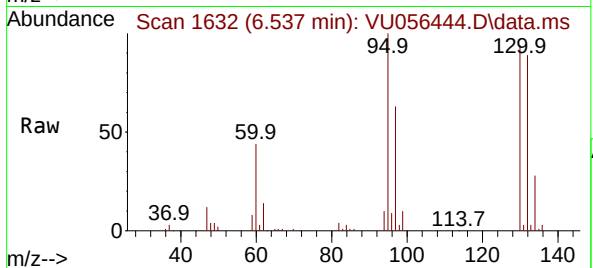
Ion Ratio Lower Upper

95 100

97 63.3 46.5 86.3

132 88.6 62.0 115.2

130 94.3 66.3 123.1



#47

Tetrachloroethene

Concen: 1.053 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU056444.D

Acq: 17 Nov 2023 16:06

Tgt Ion:164 Resp: 16777

Ion Ratio Lower Upper

164 100

129 89.5 71.0 131.9

131 96.6 70.3 130.7

166 118.9 89.8 166.8

