

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052250.D
 Acq On : 08 Dec 2022 15:46
 Operator : JC/MD
 Sample : N5916-11DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N29DL

Quant Time: Dec 08 22:32:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

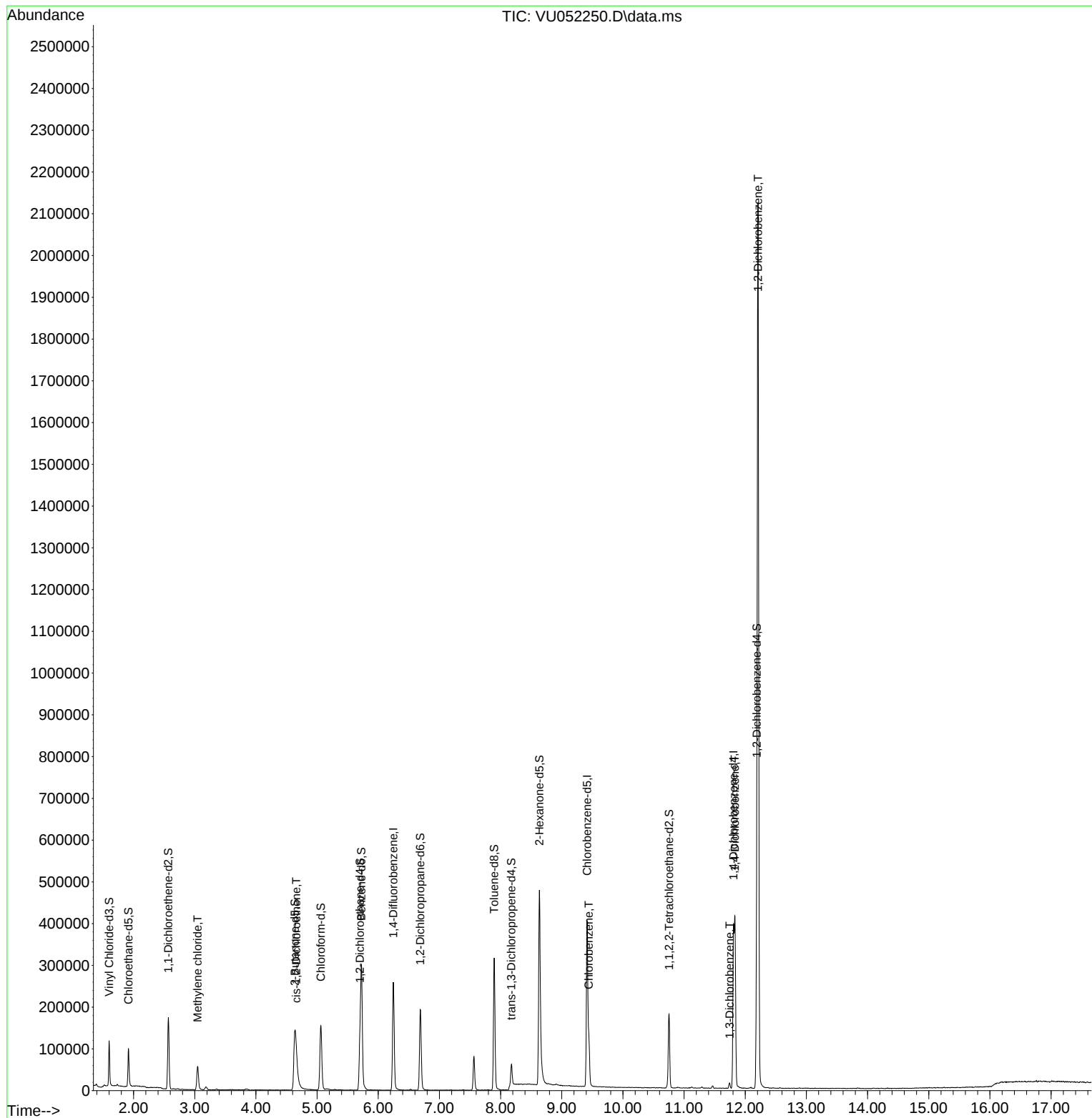
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	217141	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	102384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	77945	3.690	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.800%	
7) Chloroethane-d5	1.916	69	71080	4.333	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.568	65	31882	4.211	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.200%	
20) 2-Butanone-d5	4.636	46	225115	58.799	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.600%	
24) Chloroform-d	5.060	84	150217	4.840	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.700	65	76931	4.908	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.726	84	297180	4.393	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.687	67	99788	4.767	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.896	98	221154	3.613	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.200%	
43) trans-1,3-Dichloroprop...	8.176	79	29741	3.898	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.635	63	157807	48.810	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.620%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	90922	5.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.188	152	96280	4.912	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.047	84	30055	1.410	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	6767	0.382	ug/L	96
51) Chlorobenzene	9.443	112	60073	1.235	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	6239	0.190	ug/L	86
65) 1,4-Dichlorobenzene	11.832	146	158004	4.825	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	861401	27.240	ug/L	99

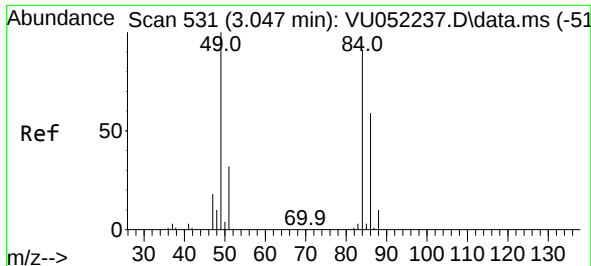
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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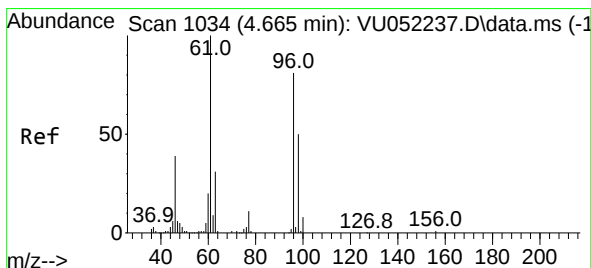
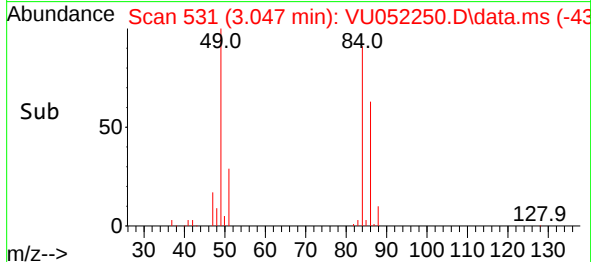
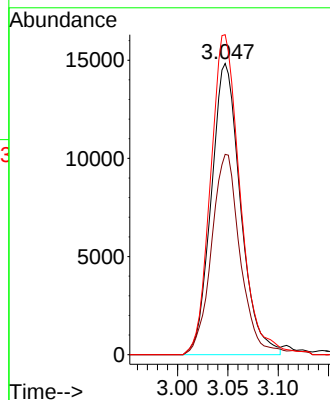
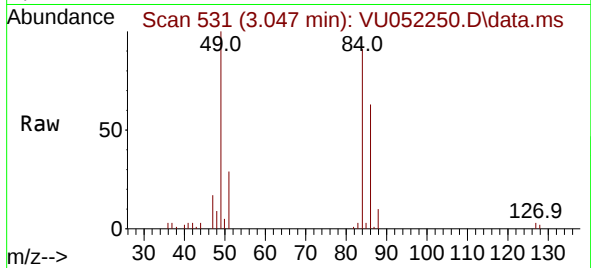




#16
Methylene chloride
Concen: 1.410 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052250.D
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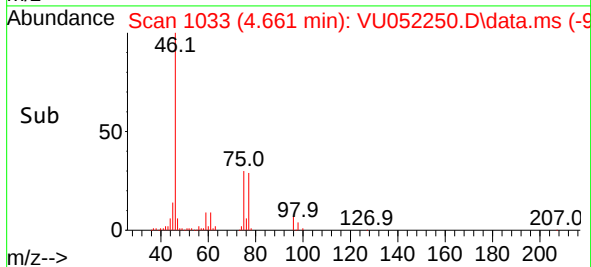
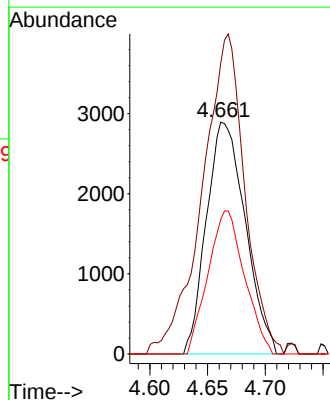
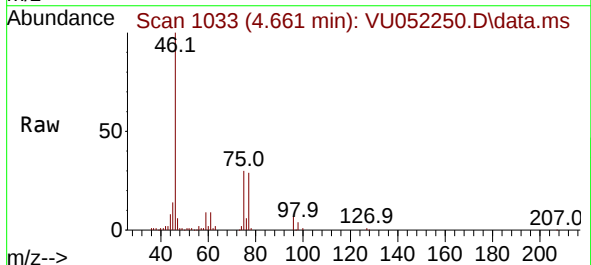
Instrument :
MSVOA_U
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F5N29DL

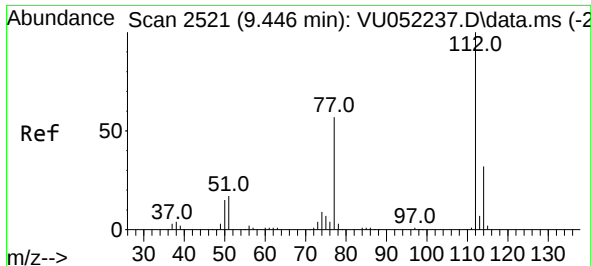
Tgt Ion: 84 Resp: 30055
Ion Ratio Lower Upper
84 100
86 68.8 43.8 81.4
49 109.9 75.9 141.1



#22
cis-1,2-Dichloroethene
Concen: 0.382 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.003 min
Lab File: VU052250.D
Acq: 08 Dec 2022 15:46

Tgt Ion: 96 Resp: 6767
Ion Ratio Lower Upper
96 100
61 125.3 85.1 158.1
98 57.9 42.8 79.6

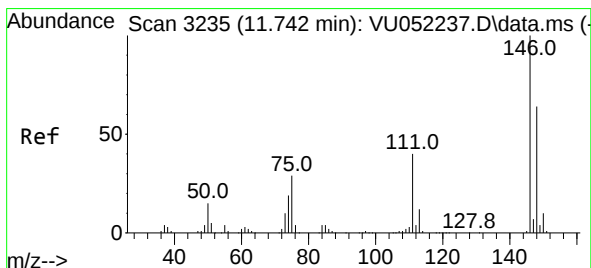
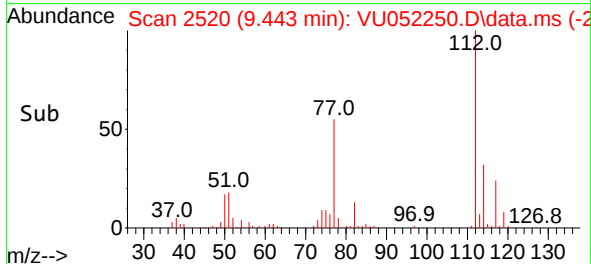
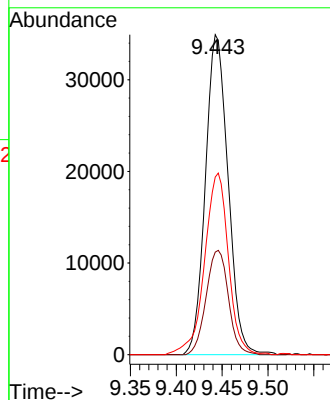
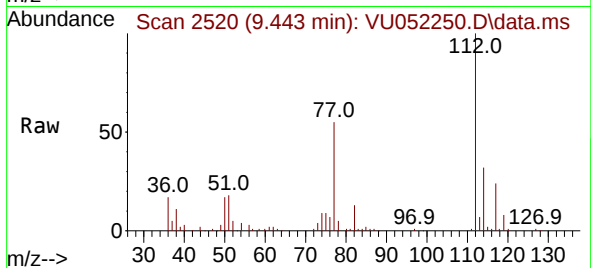




#51
Chlorobenzene
Concen: 1.235 ug/L
RT: 9.443 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052250.D
Acq: 08 Dec 2022 15:46

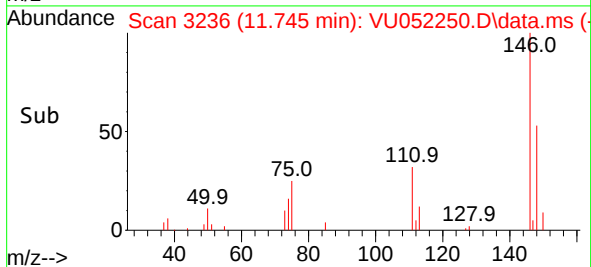
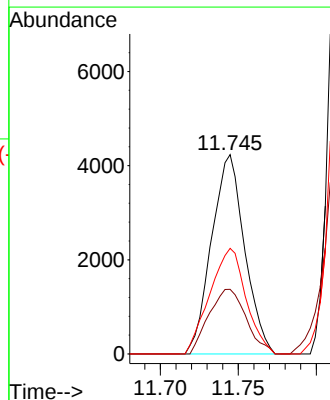
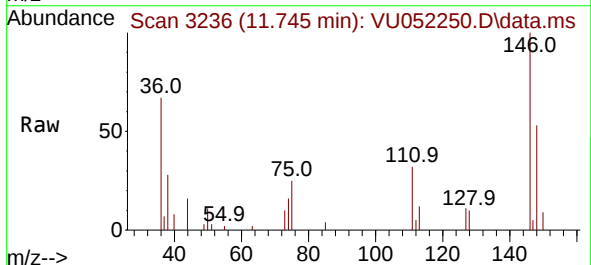
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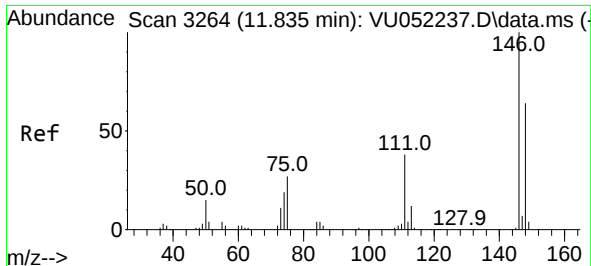
Tgt Ion:112 Resp: 60073
Ion Ratio Lower Upper
112 100
114 32.1 22.2 41.2
77 55.5 46.6 70.0



#64
1,3-Dichlorobenzene
Concen: 0.190 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.003 min
Lab File: VU052250.D
Acq: 08 Dec 2022 15:46

Tgt Ion:146 Resp: 6239
Ion Ratio Lower Upper
146 100
111 32.5 28.6 53.2
148 53.0 45.4 84.2

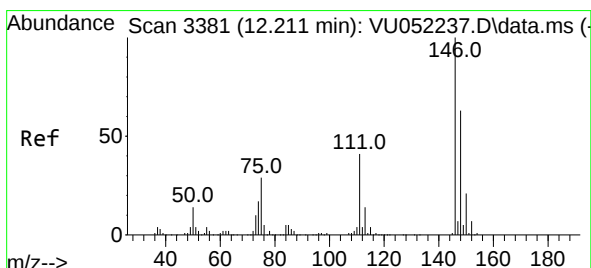
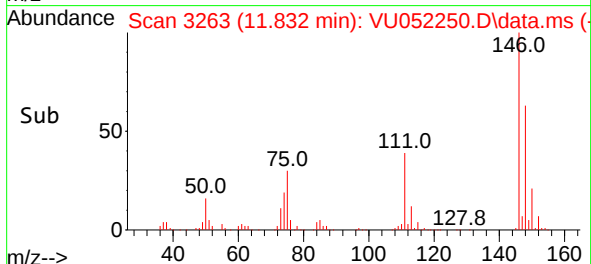
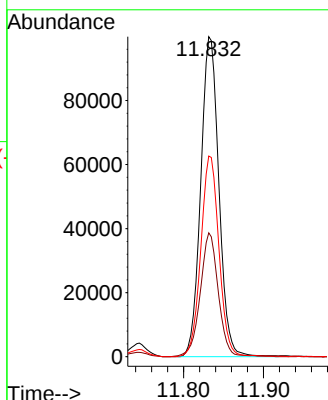
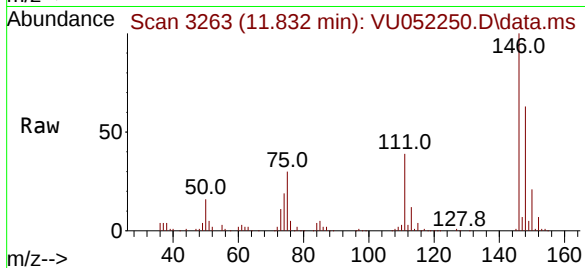




#65
1,4-Dichlorobenzene
Concen: 4.825 ug/L
RT: 11.832 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052250.D
Acq: 08 Dec 2022 15:46

Instrument :
MSVOA_U
ClientSampleId :
F5N29DL

Tgt Ion:146 Resp: 158004
Ion Ratio Lower Upper
146 100
111 38.7 26.9 50.1
148 62.7 45.1 83.7



#67
1,2-Dichlorobenzene
Concen: 27.240 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052250.D
Acq: 08 Dec 2022 15:46

Tgt Ion:146 Resp: 861401
Ion Ratio Lower Upper
146 100
111 41.5 32.7 49.1
148 63.5 50.6 75.8

