

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048225.D
 Acq On : 22 Apr 2022 15:21
 Operator : SY/MD
 Sample : N2485-16DL2 2000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J23DL2

Quant Time: Apr 22 22:02:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

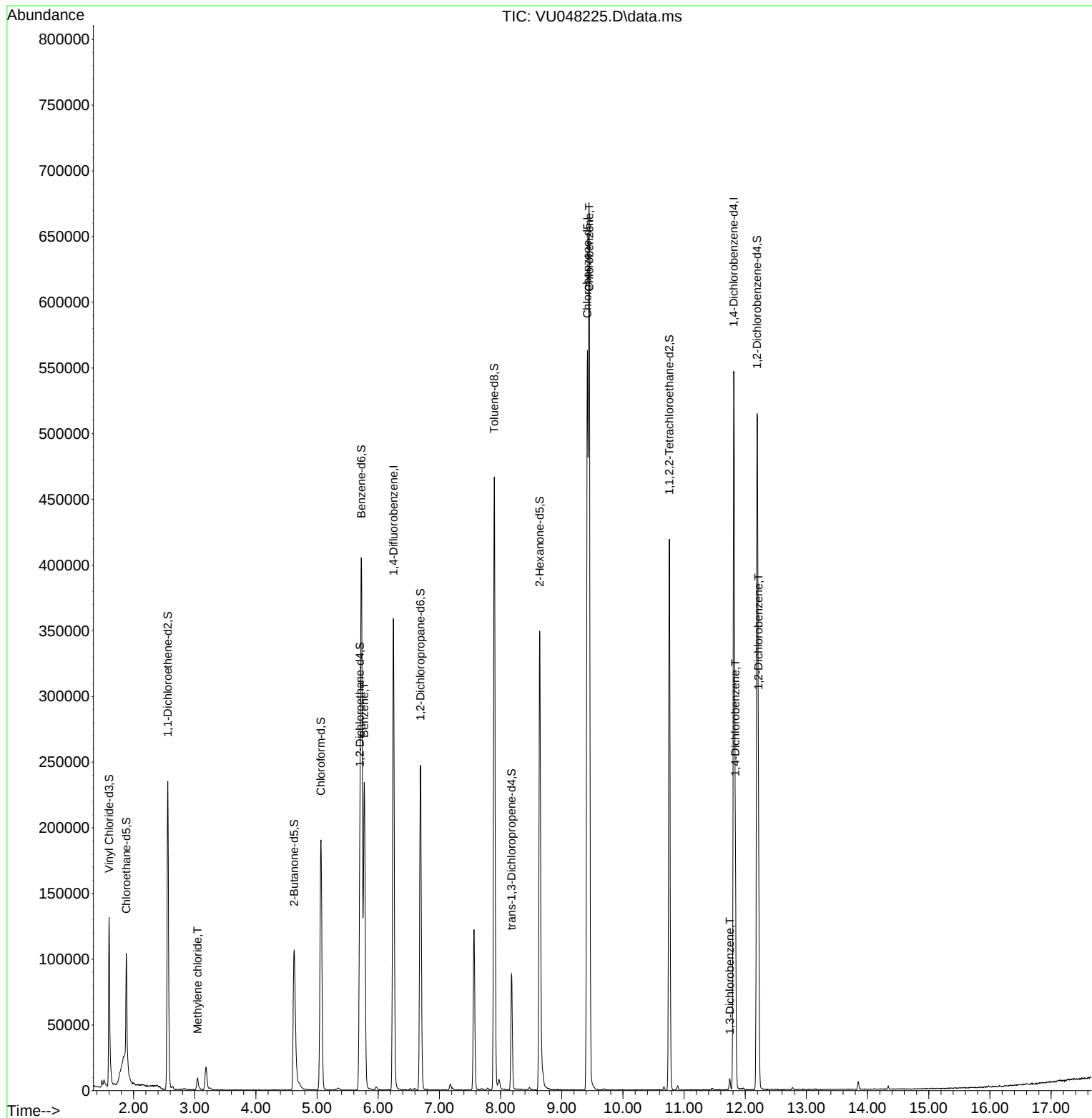
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	306960	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	321211	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	153384	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	112427	50.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.020%
7) Chloroethane-d5	1.883	69	70012	39.889	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.780%
11) 1,1-Dichloroethene-d2	2.559	63	136642	33.552	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.100%
21) 2-Butanone-d5	4.623	46	171163	89.586	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.590%
24) Chloroform-d	5.063	84	181494	44.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	5.700	65	114774	45.946	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.900%
32) Benzene-d6	5.726	84	383322	47.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.860%
36) 1,2-Dichloropropane-d6	6.690	67	125567	50.586	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.180%
41) Toluene-d8	7.896	98	321616	40.841	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.680%
43) trans-1,3-Dichloroprop...	8.179	79	51811	41.200	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.400%
47) 2-Hexanone-d5	8.639	63	122706	84.444	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.440%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	209890	49.271	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.540%
66) 1,2-Dichlorobenzene-d4	12.195	152	134590	49.321	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.640%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.044	84	5047	2.089	ug/L	92
33) Benzene	5.771	78	227636	24.483	ug/L	100
51) Chlorobenzene	9.449	112	374481	54.063	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	3935	0.854	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	72426	15.176	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	78712	17.073	ug/L	98

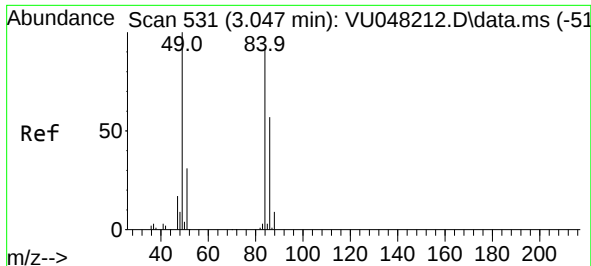
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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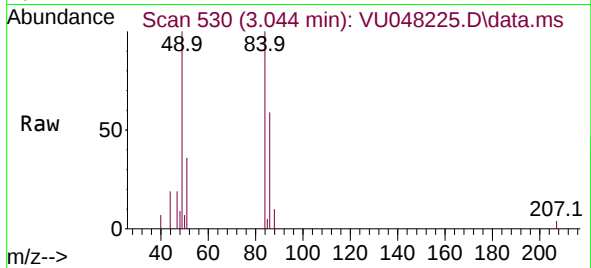
Quant Time: Apr 22 22:02:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
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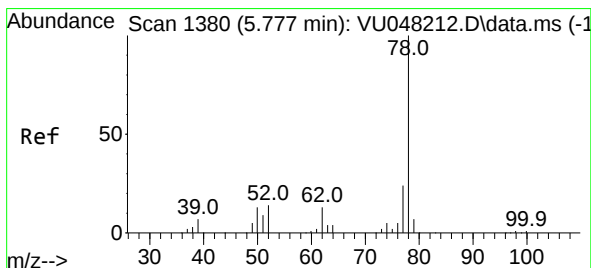
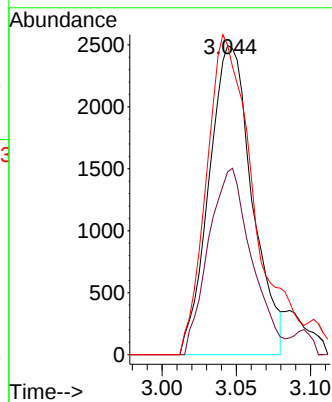
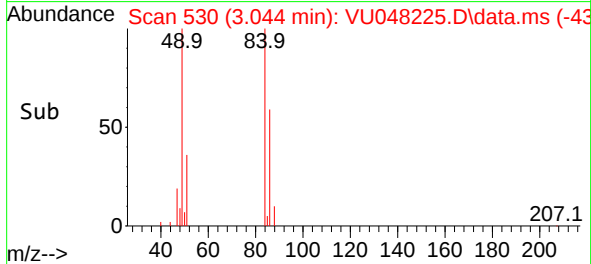


#16
Methylene chloride
Concen: 2.089 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

Instrument :
MSVOA_U
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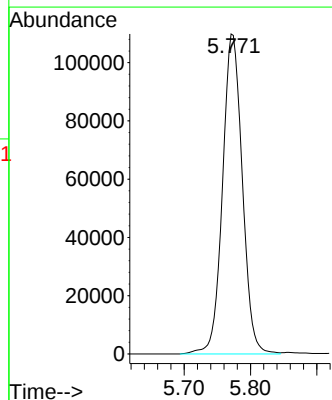
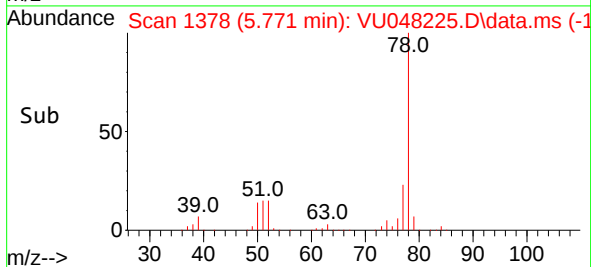
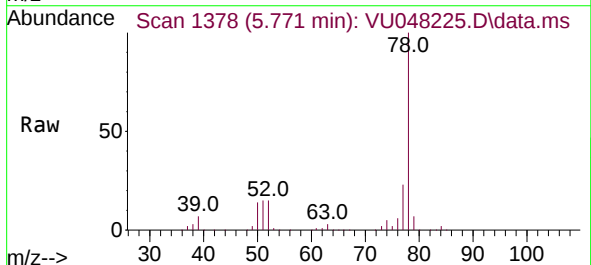


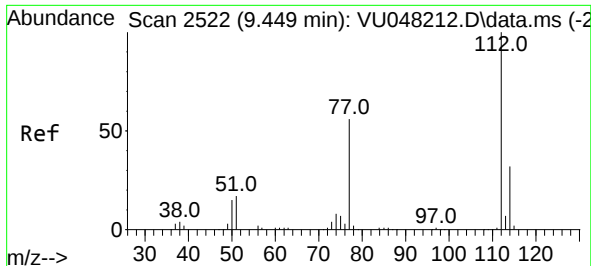
Tgt Ion: 84 Resp: 5047
Ion Ratio Lower Upper
84 100
86 59.1 46.0 85.4
49 99.9 75.3 139.8



#33
Benzene
Concen: 24.483 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

Tgt Ion: 78 Resp: 227636





#51

Chlorobenzene

Concen: 54.063 ug/L

RT: 9.449 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048225.D

Acq: 22 Apr 2022 15:21

Instrument :

MSVOA_U

ClientSampleId :

C0J23DL2

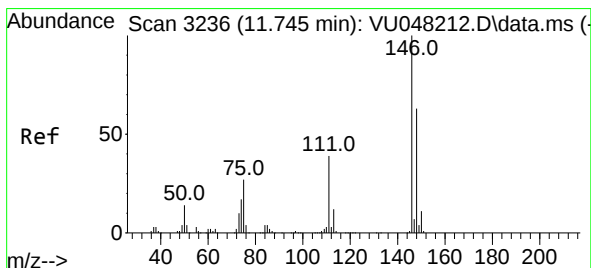
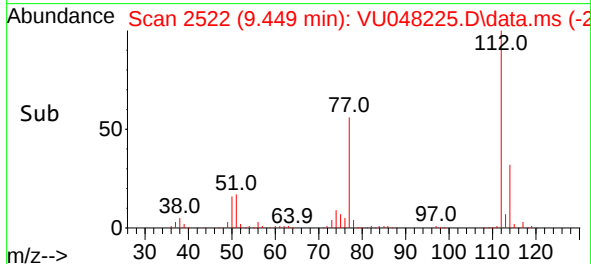
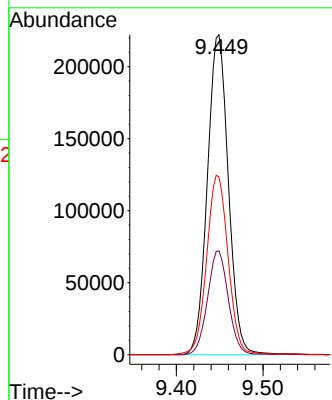
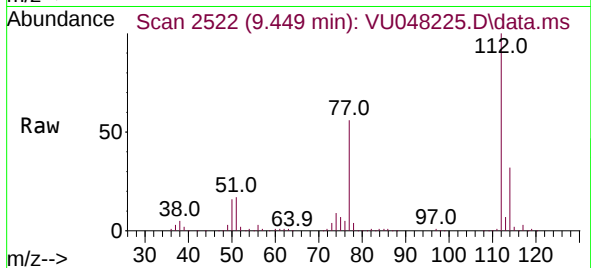
Tgt Ion:112 Resp: 374481

Ion Ratio Lower Upper

112 100

114 32.5 22.1 41.1

77 55.6 43.4 65.0



#64

1,3-Dichlorobenzene

Concen: 0.854 ug/L

RT: 11.748 min Scan# 3237

Delta R.T. 0.003 min

Lab File: VU048225.D

Acq: 22 Apr 2022 15:21

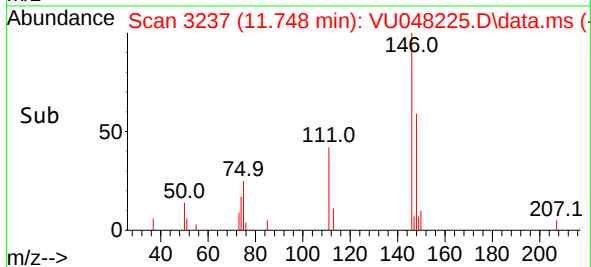
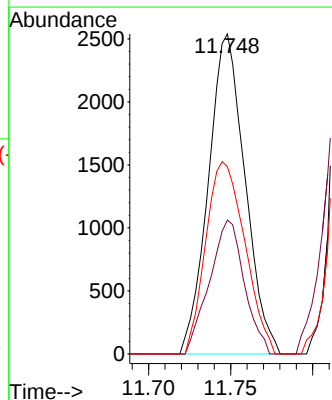
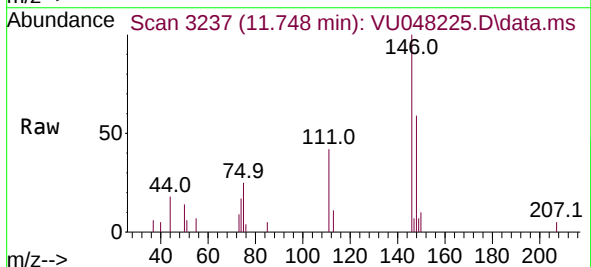
Tgt Ion:146 Resp: 3935

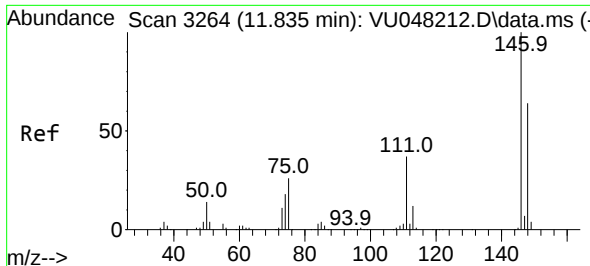
Ion Ratio Lower Upper

146 100

111 41.9 26.7 49.7

148 58.5 44.4 82.5

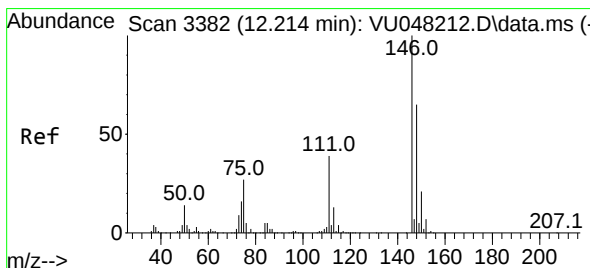
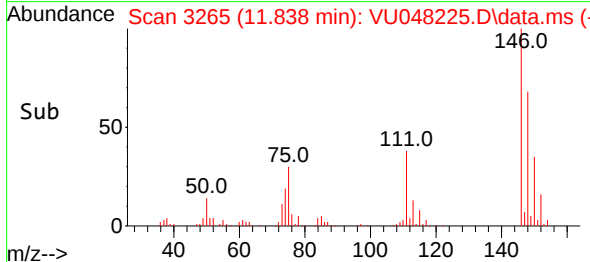
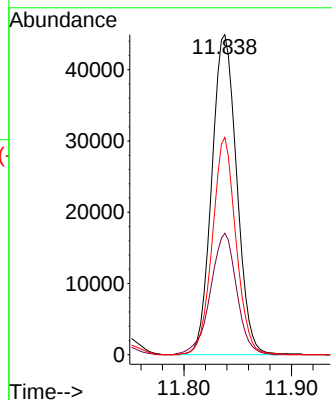
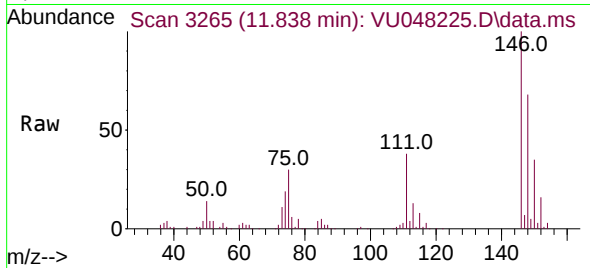




#65
1,4-Dichlorobenzene
Concen: 15.176 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

Instrument :
MSVOA_U
ClientSampleId :
C0J23DL2

Tgt Ion:146 Resp: 72426
Ion Ratio Lower Upper
146 100
111 37.9 25.3 47.1
148 67.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 17.073 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048225.D
Acq: 22 Apr 2022 15:21

Tgt Ion:146 Resp: 78712
Ion Ratio Lower Upper
146 100
111 41.4 31.7 47.5
148 63.8 51.4 77.2

