

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048182.D
 Acq On : 21 Apr 2022 18:51
 Operator : SY/MD
 Sample : N2486-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J32

Quant Time: Apr 22 01:53:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 01:48:00 2022
 Response via : Initial Calibration

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

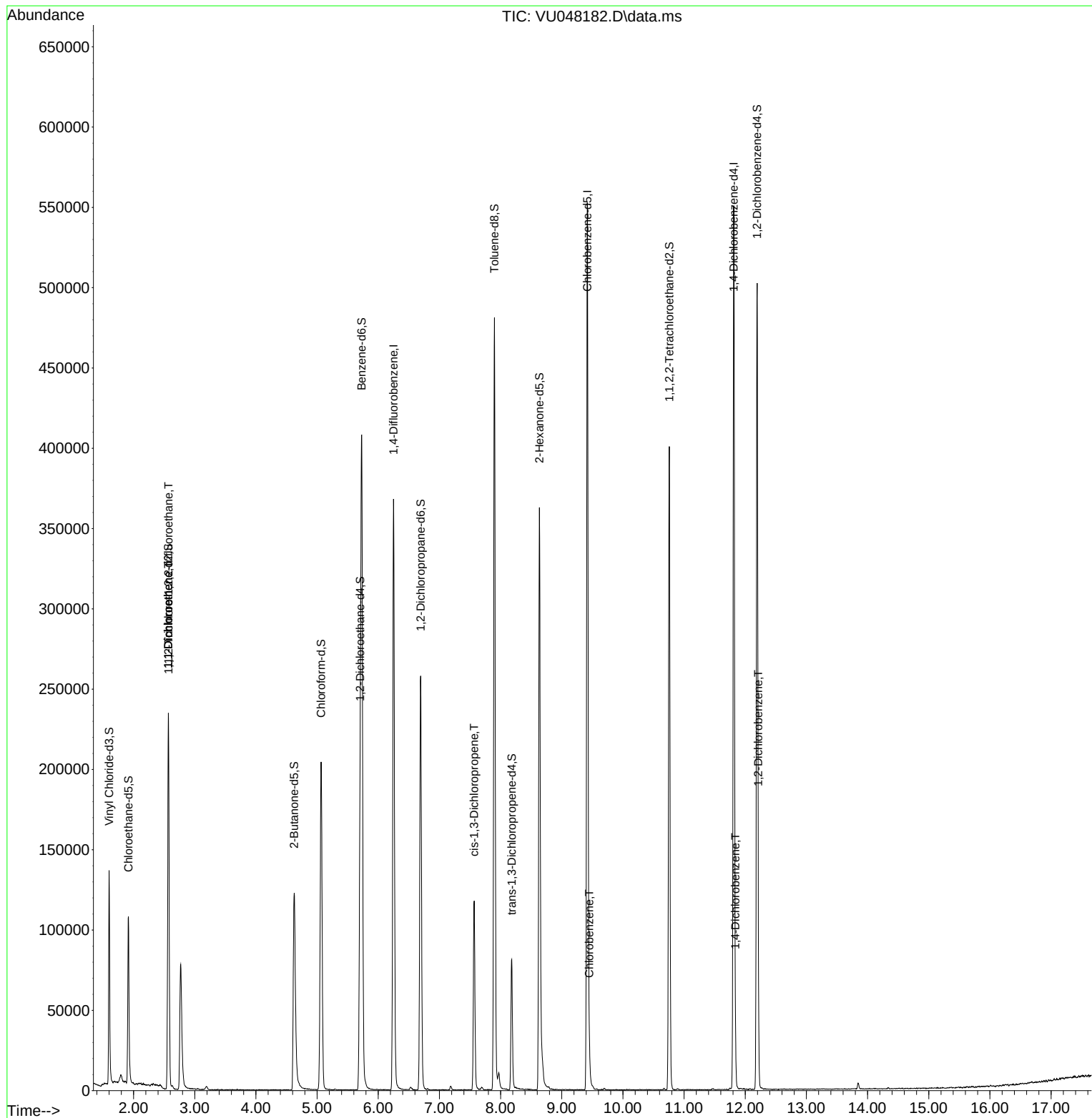
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	312041	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	333420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	158648	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	99153	43.819	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.640%
7) Chloroethane-d5	1.916	69	85025	47.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.300%
11) 1,1-Dichloroethene-d2	2.568	63	135010	32.611	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.220%
21) 2-Butanone-d5	4.626	46	180619	92.996	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.000%
24) Chloroform-d	5.067	84	194279	46.923	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.840%
26) 1,2-Dichloroethane-d4	5.703	65	121242	47.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
32) Benzene-d6	5.729	84	391360	46.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.300%
36) 1,2-Dichloropropane-d6	6.694	67	129662	50.323	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.640%
41) Toluene-d8	7.899	98	330341	40.413	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.820%
43) trans-1,3-Dichloroprop...	8.182	79	47348	36.272	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.540%
47) 2-Hexanone-d5	8.636	63	121645	80.649	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.650%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	198743	44.946	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.900%
66) 1,2-Dichlorobenzene-d4	12.195	152	141912	50.279	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.560%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1326	0.577	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1032	0.482	ug/L #	1
39) cis-1,3-Dichloropropene	7.568	75	2441	0.641	ug/L #	44
51) Chlorobenzene	9.449	112	9705	1.350	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	7592	1.538	ug/L	90
67) 1,2-Dichlorobenzene	12.211	146	7054	1.479	ug/L	96

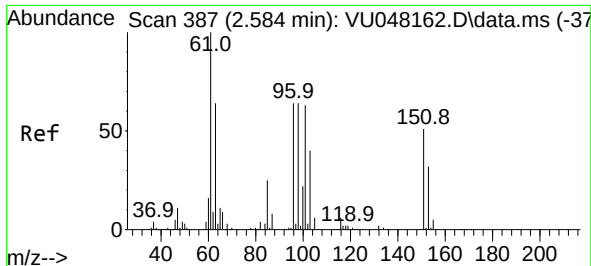
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.577 ug/L

RT: 2.571 min Scan# 3

Delta R.T. -0.013 min

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ClientSampleId :

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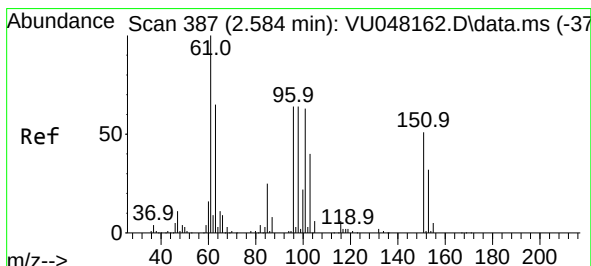
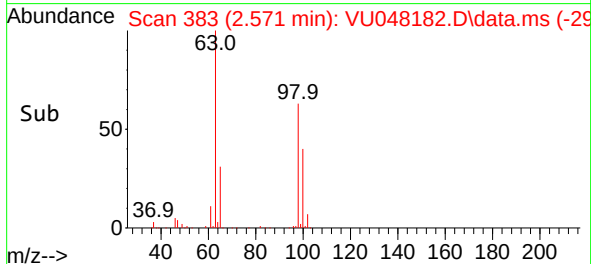
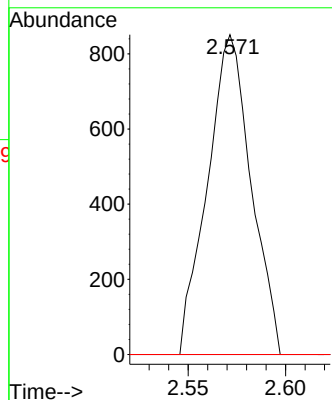
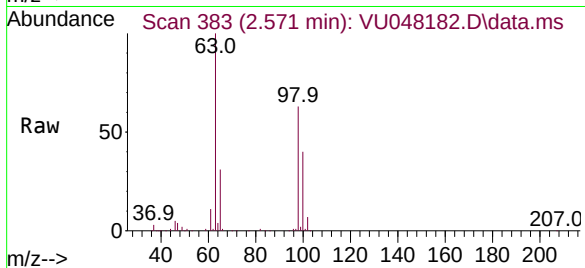
Tgt Ion:101 Resp: 1326

Ion Ratio Lower Upper

101 100

85 0.0 32.8 49.2#

151 0.0 63.0 94.6#



#12

1,1-Dichloroethene

Concen: 0.482 ug/L

RT: 2.568 min Scan# 382

Delta R.T. -0.016 min

Lab File: VU048182.D

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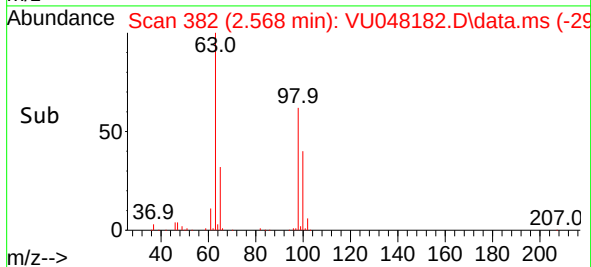
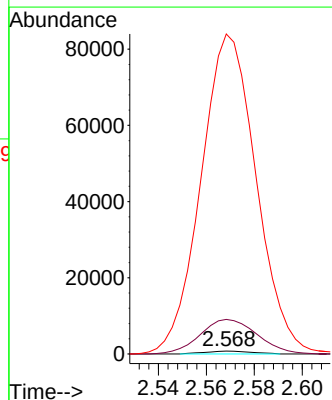
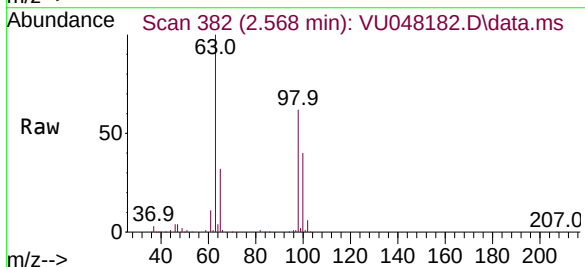
Tgt Ion: 96 Resp: 1032

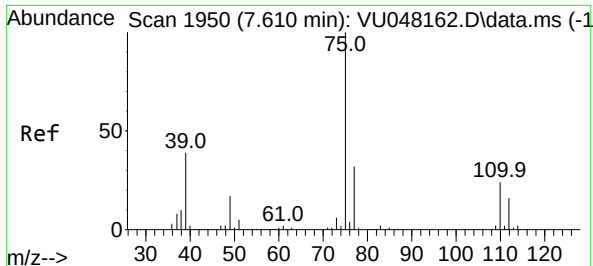
Ion Ratio Lower Upper

96 100

61 1185.5 113.1 210.1#

63 10966.1 94.8 176.0#





#39

cis-1,3-Dichloropropene

Concen: 0.641 ug/L

RT: 7.568 min Scan# 19

Delta R.T. -0.042 min

Lab File: VU048182.D

Acq: 21 Apr 2022 18:51

Instrument :

MSVOA_U

ClientSampleId :

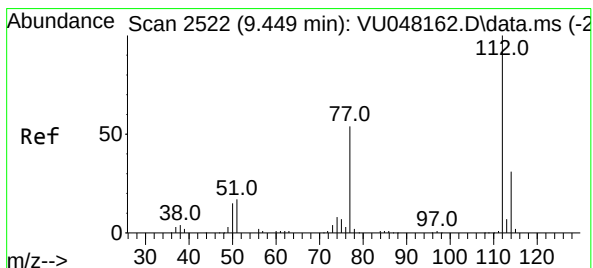
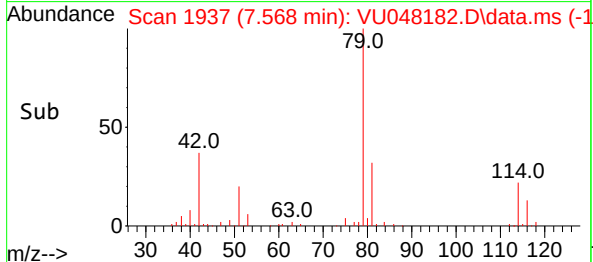
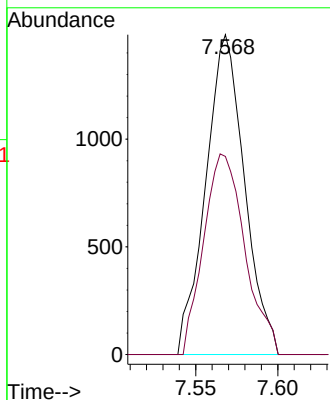
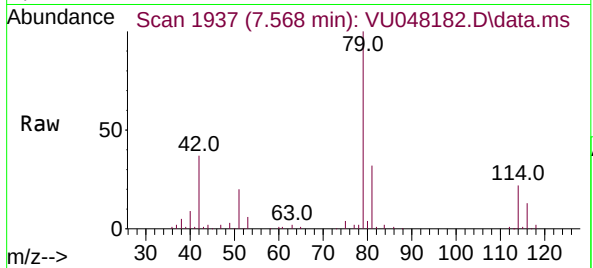
C0J32

Tgt Ion: 75 Resp: 2441

Ion Ratio Lower Upper

75 100

77 62.0 21.8 40.6#



#51

Chlorobenzene

Concen: 1.350 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU048182.D

Acq: 21 Apr 2022 18:51

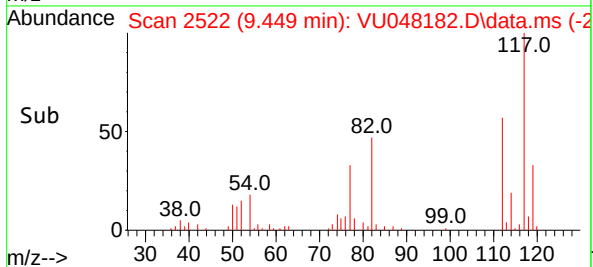
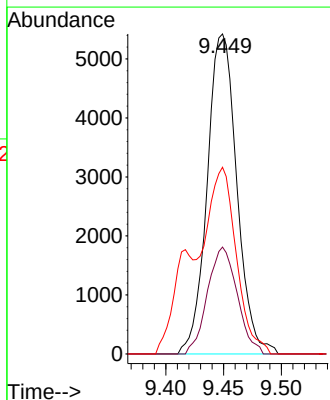
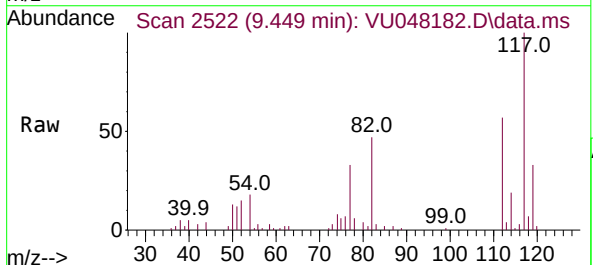
Tgt Ion: 112 Resp: 9705

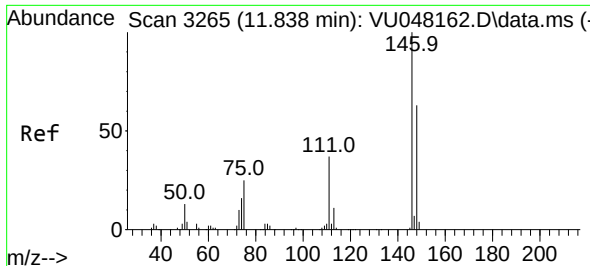
Ion Ratio Lower Upper

112 100

114 33.4 22.1 41.1

77 58.3 43.4 65.0

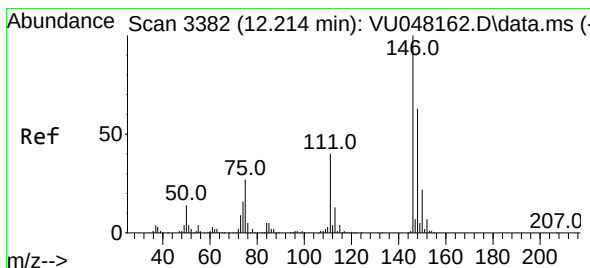
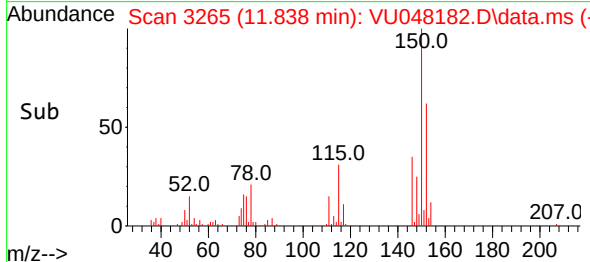
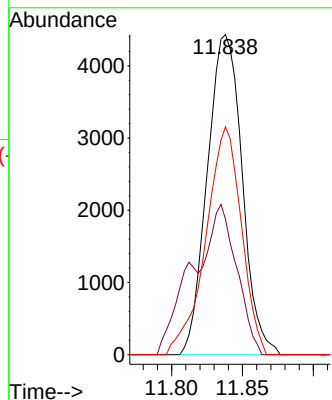
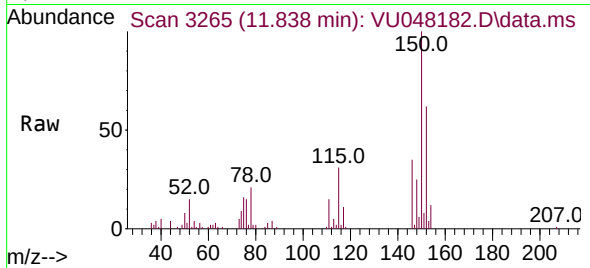




#65
1,4-Dichlorobenzene
Concen: 1.538 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048182.D
Acq: 21 Apr 2022 18:51

Instrument :
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ClientSampleId :
C0J32

Tgt Ion:146 Resp: 7592
Ion Ratio Lower Upper
146 100
111 42.3 25.3 47.1
148 71.2 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.479 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU048182.D
Acq: 21 Apr 2022 18:51

Tgt Ion:146 Resp: 7054
Ion Ratio Lower Upper
146 100
111 44.9 31.7 47.5
148 63.8 51.4 77.2

