

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022522\
 Data File : VU047271.D
 Acq On : 25 Feb 2022 15:16
 Operator : SY/MD
 Sample : N1667-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBRL0

Quant Time: Feb 28 02:02:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 28 02:01:00 2022
 Response via : Initial Calibration

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

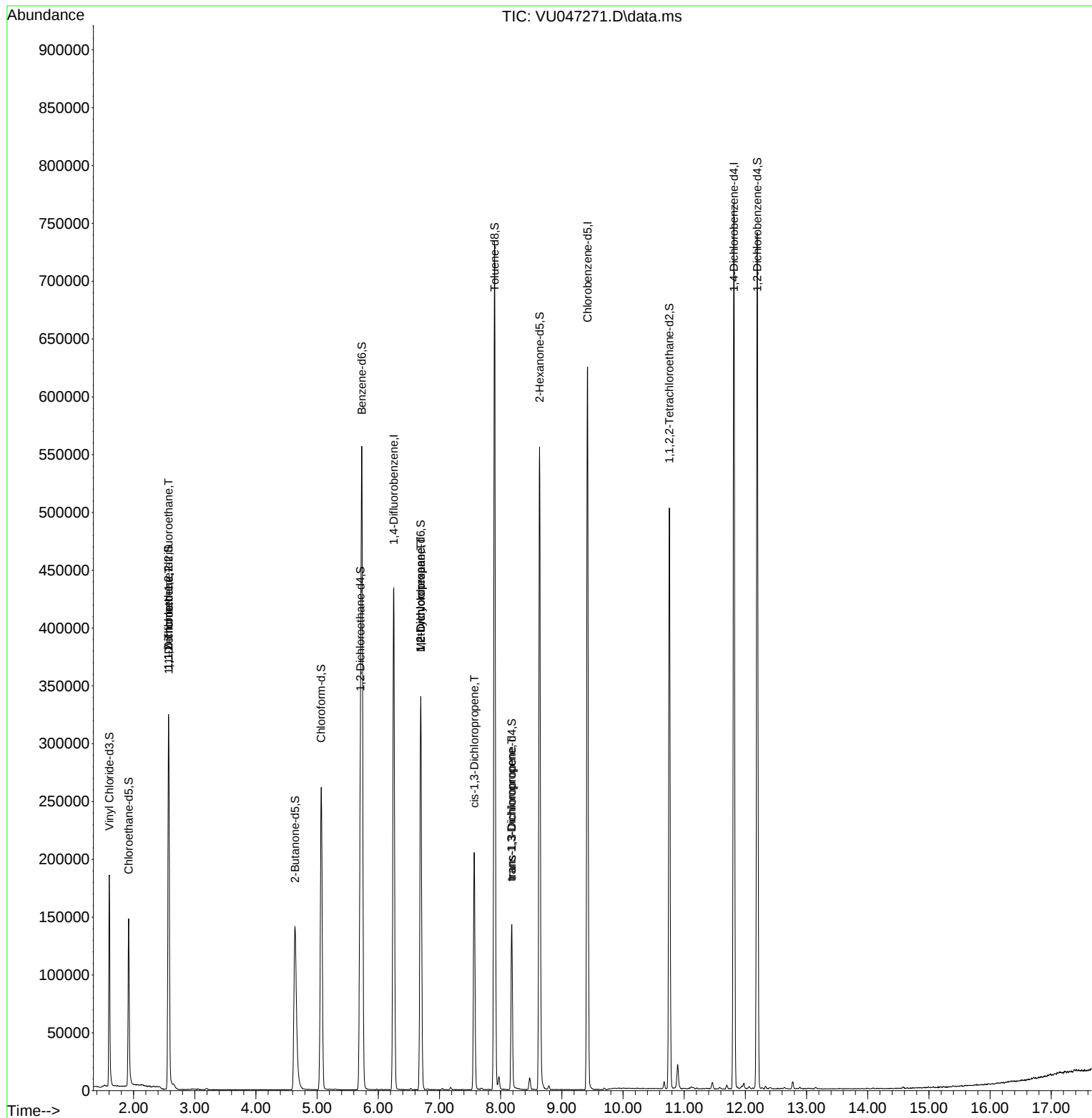
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	367643	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	357754	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	208278	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	137242	41.103	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.200%		
7) Chloroethane-d5	1.919	69	111992	45.246	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.500%		
11) 1,1-Dichloroethene-d2	2.571	63	189343	34.220	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.440%		
21) 2-Butanone-d5	4.639	46	257179	99.314	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.310%		
24) Chloroform-d	5.067	84	243819	44.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.960%		
26) 1,2-Dichloroethane-d4	5.706	65	156963	45.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.240%		
32) Benzene-d6	5.732	84	513822	43.201	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.400%		
36) 1,2-Dichloropropane-d6	6.694	67	159396	41.325	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	82.660%		
41) Toluene-d8	7.899	98	490663	43.328	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.660%		
43) trans-1,3-Dichloroprop...	8.182	79	78384	38.779	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.560%		
47) 2-Hexanone-d5	8.636	63	204702	92.638	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.640%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	240519	42.766	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.540%		
66) 1,2-Dichlorobenzene-d4	12.195	152	202937	41.083	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.160%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	1728	0.709	ug/L #	20
12) 1,1-Dichloroethene	2.575	96	1664	0.696	ug/L #	1
35) Methylcyclohexane	6.694	83	37003	7.608	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	17485	5.850	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	4986	1.026	ug/L #	65
44) trans-1,3-Dichloropropene	8.179	75	3469	0.743	ug/L #	46

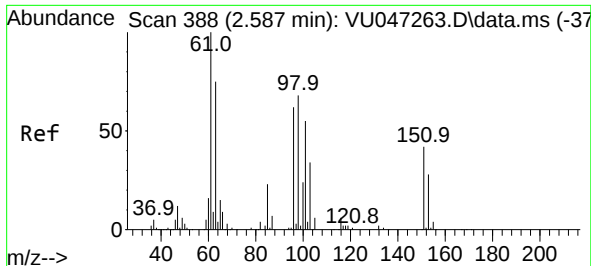
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Feb 28 02:01:00 2022
Response via : Initial Calibration

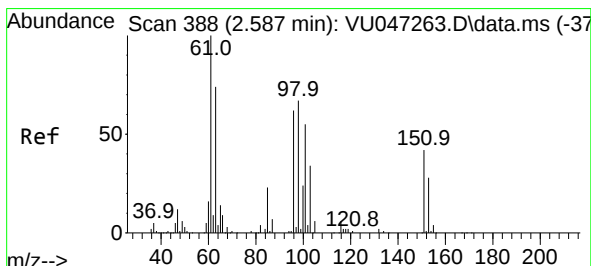
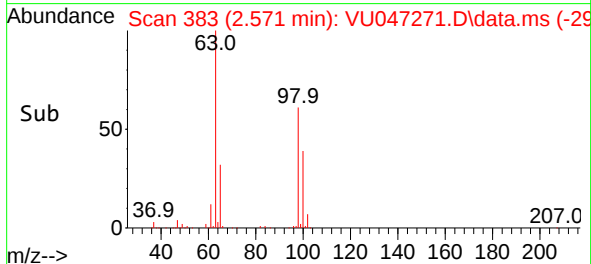
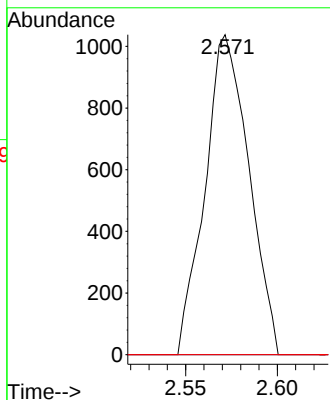
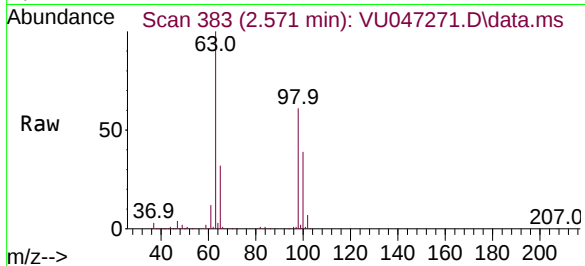




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.709 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047271.D
 Acq: 25 Feb 2022 15:16

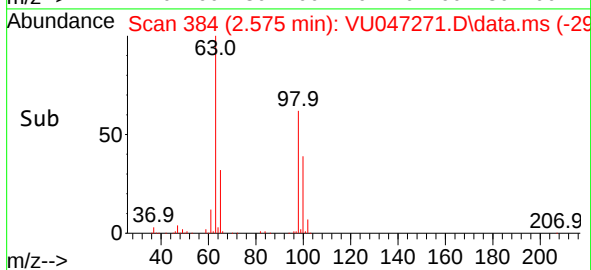
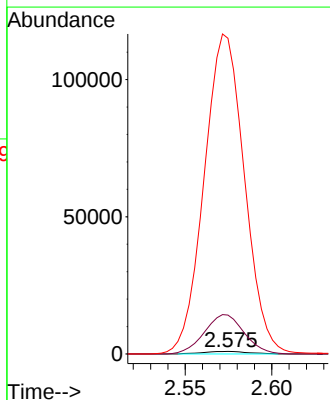
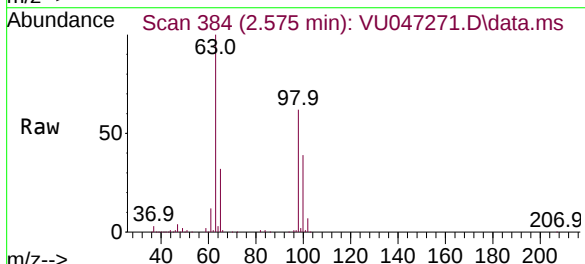
Instrument :
 MSVOA_U
 ClientSampleId :
 DBRL0

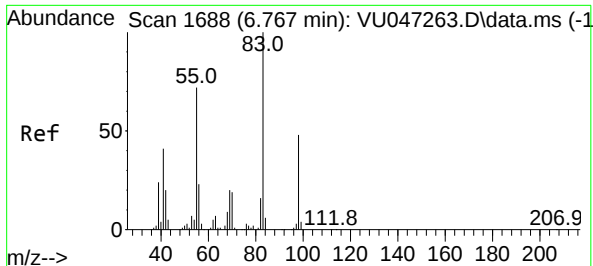
Tgt Ion:101 Resp: 1728
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 0.696 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047271.D
 Acq: 25 Feb 2022 15:16

Tgt Ion: 96 Resp: 1664
 Ion Ratio Lower Upper
 96 100
 61 1538.6 114.9 213.3#
 63 12483.3 86.0 159.8#





#35

Methylcyclohexane

Concen: 7.608 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047271.D

Acq: 25 Feb 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

DBRL0

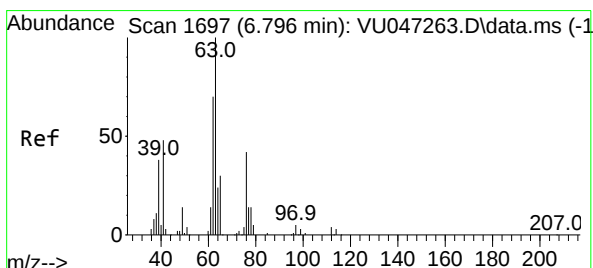
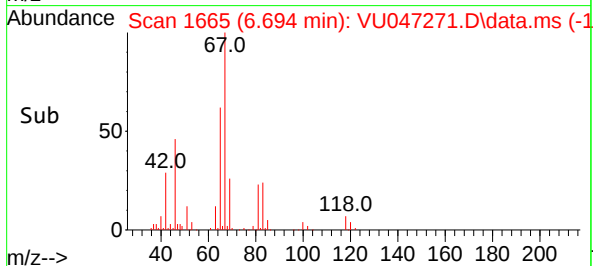
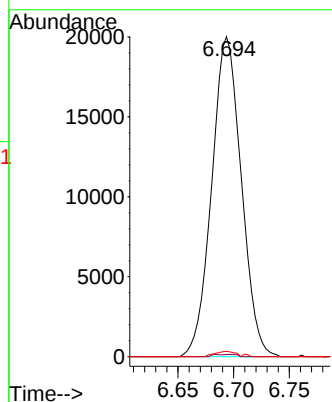
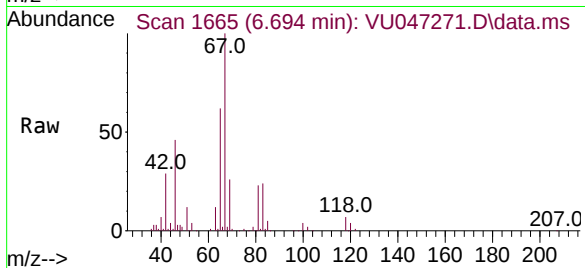
Tgt Ion: 83 Resp: 37003

Ion Ratio Lower Upper

83 100

55 0.3 56.6 85.0#

98 1.1 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 5.850 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.103 min

Lab File: VU047271.D

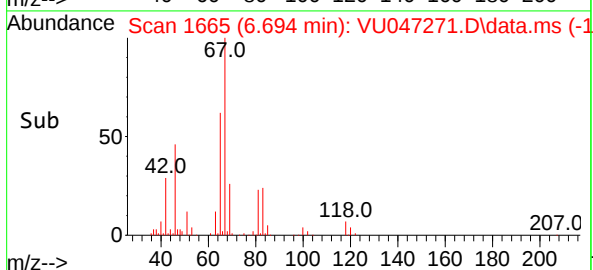
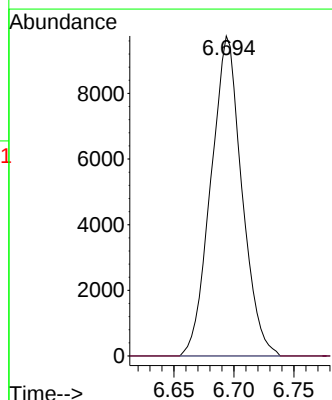
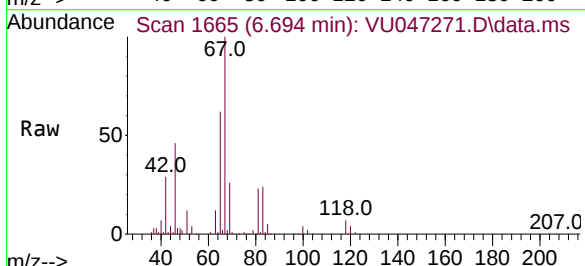
Acq: 25 Feb 2022 15:16

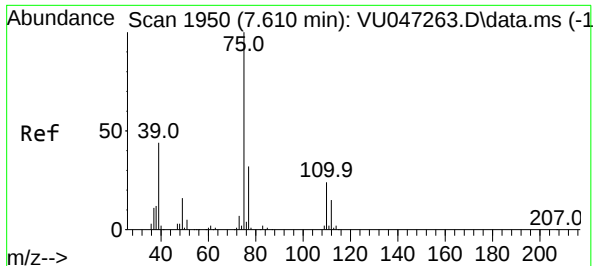
Tgt Ion: 63 Resp: 17485

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 1.026 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047271.D

Acq: 25 Feb 2022 15:16

Instrument :

MSVOA_U

ClientSampleId :

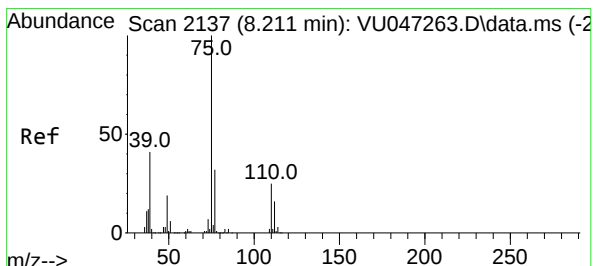
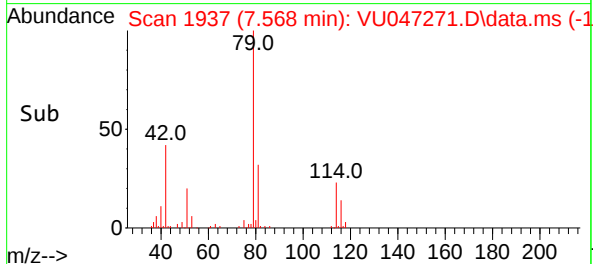
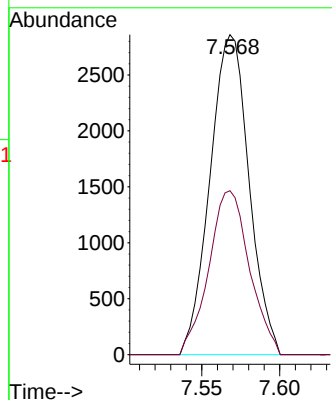
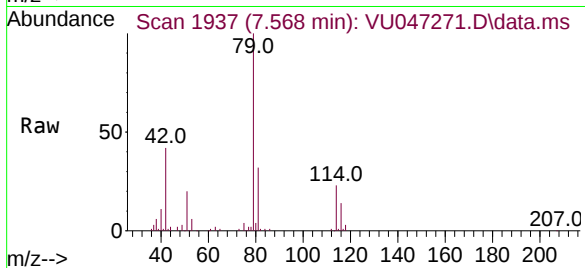
DBRL0

Tgt Ion: 75 Resp: 4986

Ion Ratio Lower Upper

75 100

77 51.2 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.743 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU047271.D

Acq: 25 Feb 2022 15:16

Tgt Ion: 75 Resp: 3469

Ion Ratio Lower Upper

75 100

77 63.6 23.0 42.8#

