

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046059.D
 Acq On : 02 Dec 2021 17:49
 Operator : SY/MD
 Sample : M4878-01 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

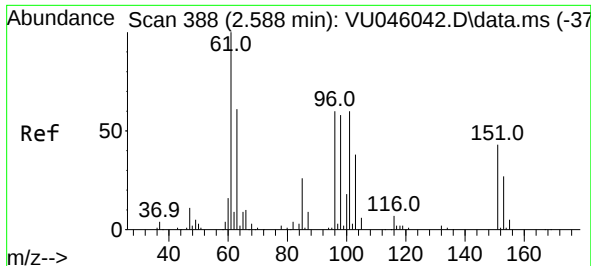
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 05:13:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	246254	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	239980	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	122629	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	70704	34.855	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.720%
7) Chloroethane-d5	1.916	69	54794	35.181	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.360%
11) 1,1-Dichloroethene-d2	2.568	63	103048	28.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.600%#
21) 2-Butanone-d5	4.633	46	132833	82.373	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.370%
24) Chloroform-d	5.067	84	137998	40.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.480%
26) 1,2-Dichloroethane-d4	5.703	65	96175	42.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.600%
32) Benzene-d6	5.729	84	298104	43.340	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.680%
36) 1,2-Dichloropropane-d6	6.694	67	94709	44.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.860%
41) Toluene-d8	7.899	98	268739	42.912	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.820%
43) trans-1,3-Dichloroprop...	8.179	79	43133	41.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.840%
47) 2-Hexanone-d5	8.632	63	92449	91.469	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.470%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	136710	42.289	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.580%
66) 1,2-Dichlorobenzene-d4	12.195	152	107037	45.324	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.640%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	951	0.531	ug/L #	21
12) 1,1-Dichloroethene	2.571	96	730	0.429	ug/L #	1
20) cis-1,2-Dichloroethene	4.665	96	2201	1.126	ug/L	78
37) 1,2-Dichloropropane	6.694	63	10353	5.441	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2680	0.926	ug/L #	70
46) Tetrachloroethene	8.555	164	4624	3.288	ug/L	95
49) Dibromochloromethane	8.555	129	4691	2.340	ug/L #	10
60) 1,2,3-Trichloropropane	11.812	75	15000	5.580	ug/L #	64
63) 1,2,4-Trimethylbenzene	11.468	105	7272	1.093	ug/L	99

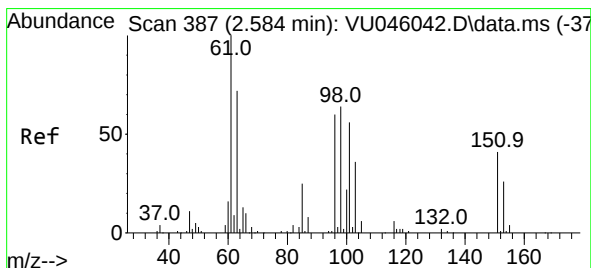
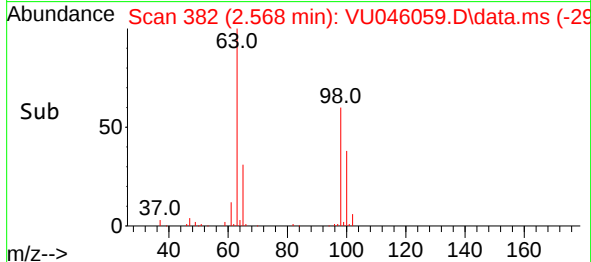
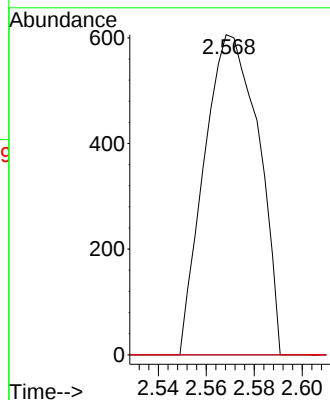
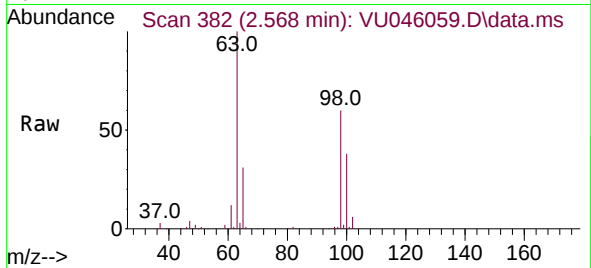
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.531 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.019 min
 Lab File: VU046059.D
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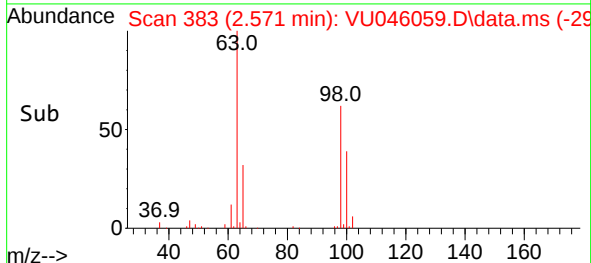
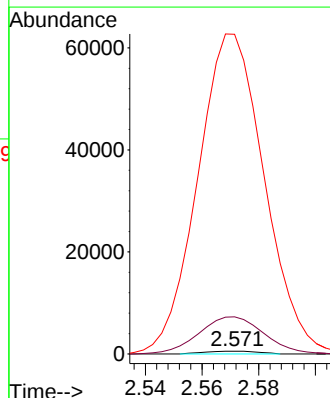
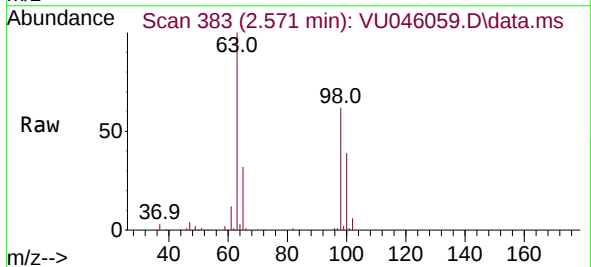
Instrument :
 MSVOA_U
 ClientSampleId :

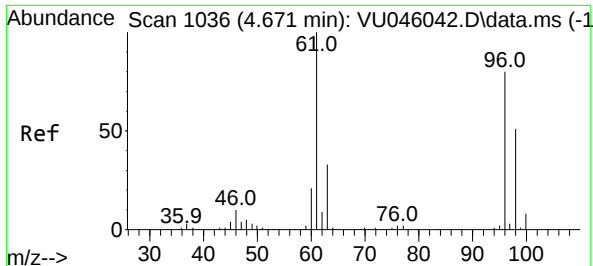
Tgt Ion:101 Resp: 951
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.429 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046059.D
 Acq: 02 Dec 2021 17:49

Tgt Ion: 96 Resp: 730
 Ion Ratio Lower Upper
 96 100
 61 1327.1 118.6 220.2#
 63 11417.1 93.0 172.8#

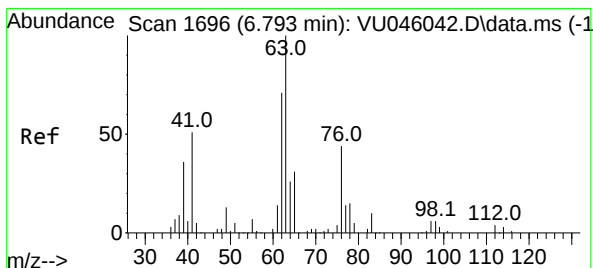
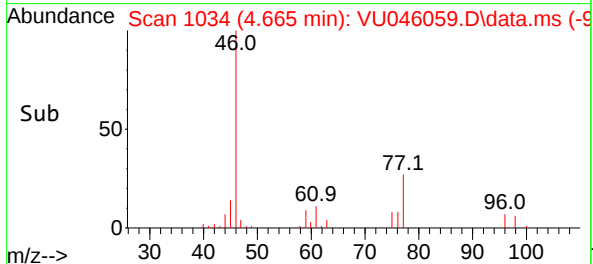
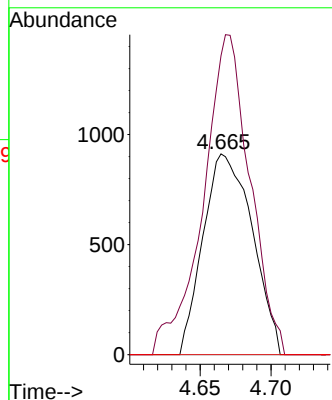
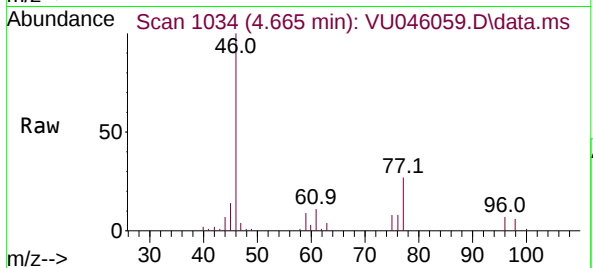




#20
 cis-1,2-Dichloroethene
 Concen: 1.126 ug/L
 RT: 4.665 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VU046059.D
 Acq: 02 Dec 2021 17:49

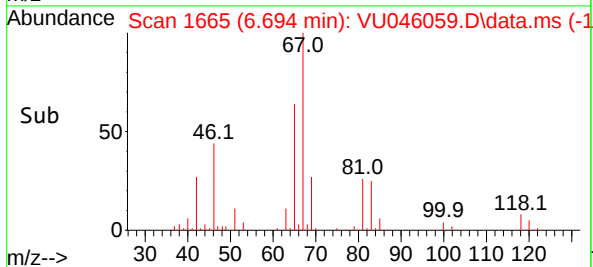
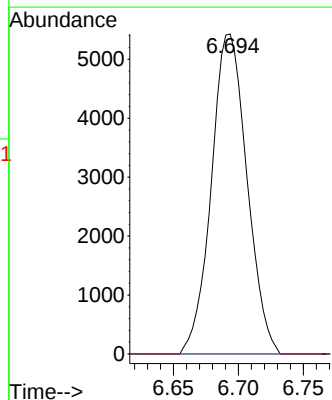
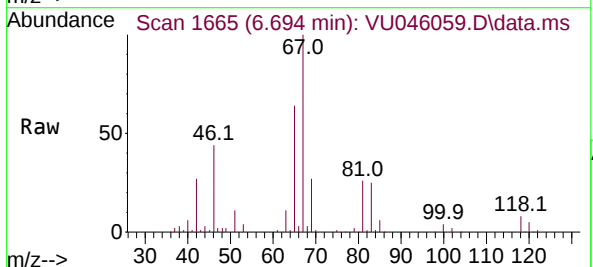
Instrument :
 MSVOA_U
 ClientSampleId :

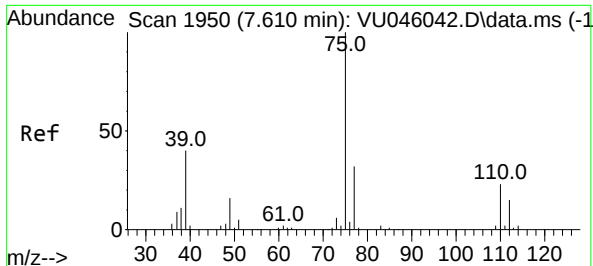
Tgt Ion: 96 Resp: 2201
 Ion Ratio Lower Upper
 96 100
 61 148.9 86.8 161.2
 68 0.0 0.0 0.0



#37
 1,2-Dichloropropane
 Concen: 5.441 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.100 min
 Lab File: VU046059.D
 Acq: 02 Dec 2021 17:49

Tgt Ion: 63 Resp: 10353
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.926 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046059.D

Acq: 02 Dec 2021 17:49

Instrument :

MSVOA_U

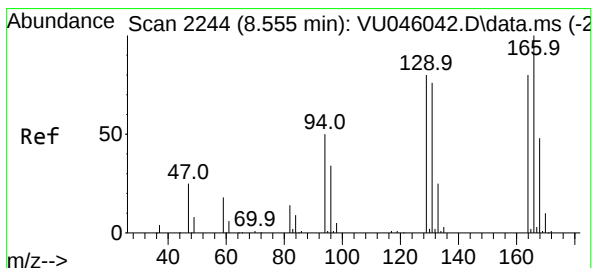
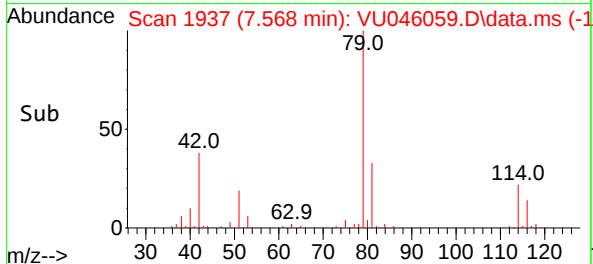
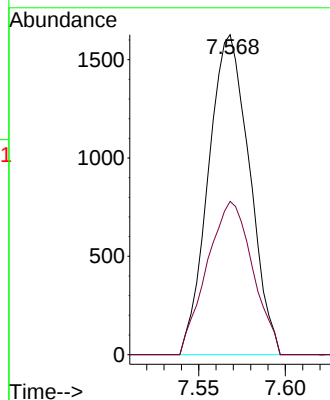
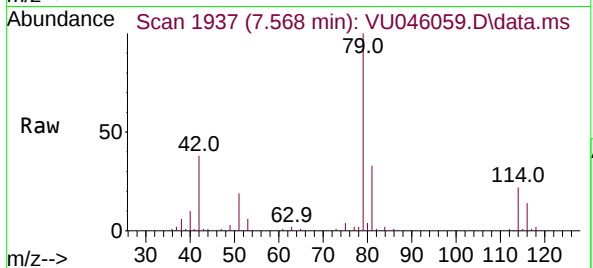
ClientSampleId :

Tgt Ion: 75 Resp: 2680

Ion Ratio Lower Upper

75 100

77 47.9 21.8 40.6#



#46

Tetrachloroethene

Concen: 3.288 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046059.D

Acq: 02 Dec 2021 17:49

Tgt Ion: 164 Resp: 4624

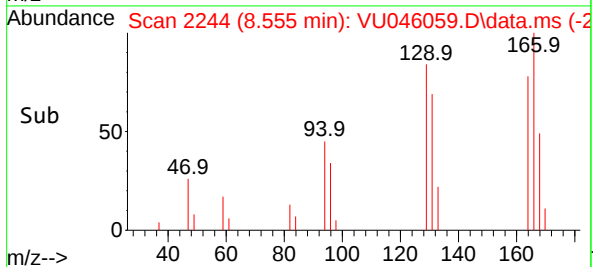
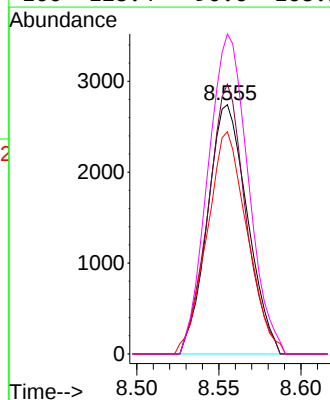
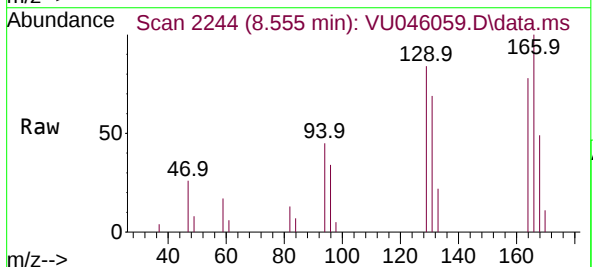
Ion Ratio Lower Upper

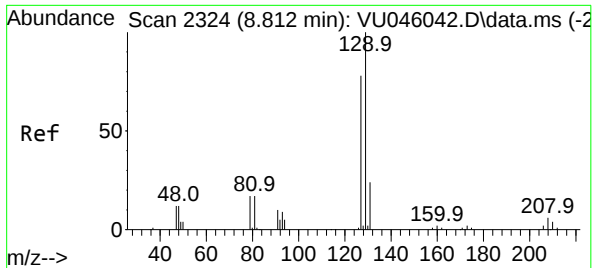
164 100

129 108.2 71.1 132.1

131 89.2 67.8 126.0

166 128.4 90.6 168.2

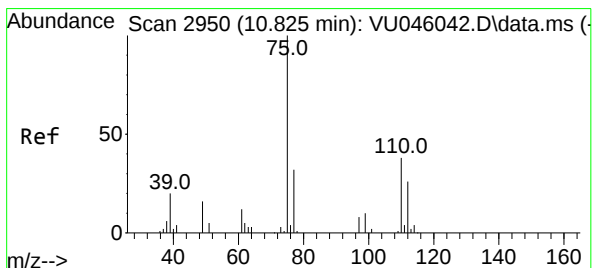
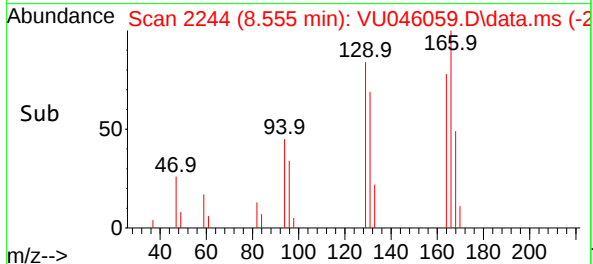
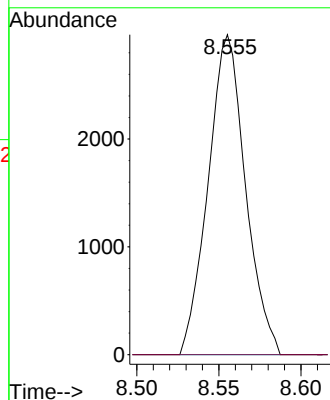
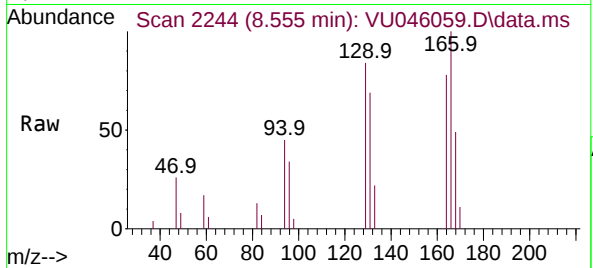




#49
Dibromochloromethane
Concen: 2.340 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046059.D
Acq: 02 Dec 2021 17:49

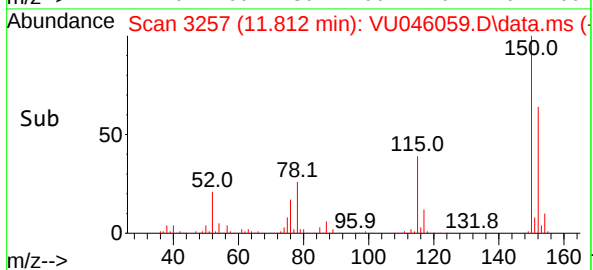
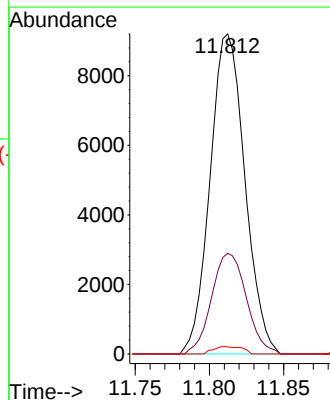
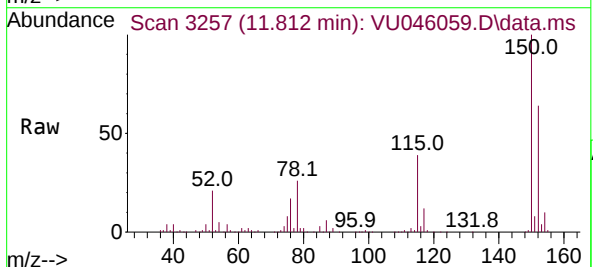
Instrument :
MSVOA_U
ClientSampleId :

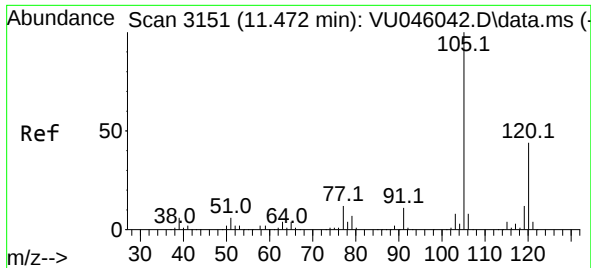
Tgt Ion:129 Resp: 4691
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#



#60
1,2,3-Trichloropropane
Concen: 5.580 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046059.D
Acq: 02 Dec 2021 17:49

Tgt Ion: 75 Resp: 15000
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
110 1.3 32.4 48.6#





#63
 1,2,4-Trimethylbenzene
 Concen: 1.093 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU046059.D
 Acq: 02 Dec 2021 17:49

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:105 Resp: 7272
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.2 52.8

