

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120821\
 Data File : VU046175.D
 Acq On : 08 Dec 2021 15:05
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 03:20:05 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)

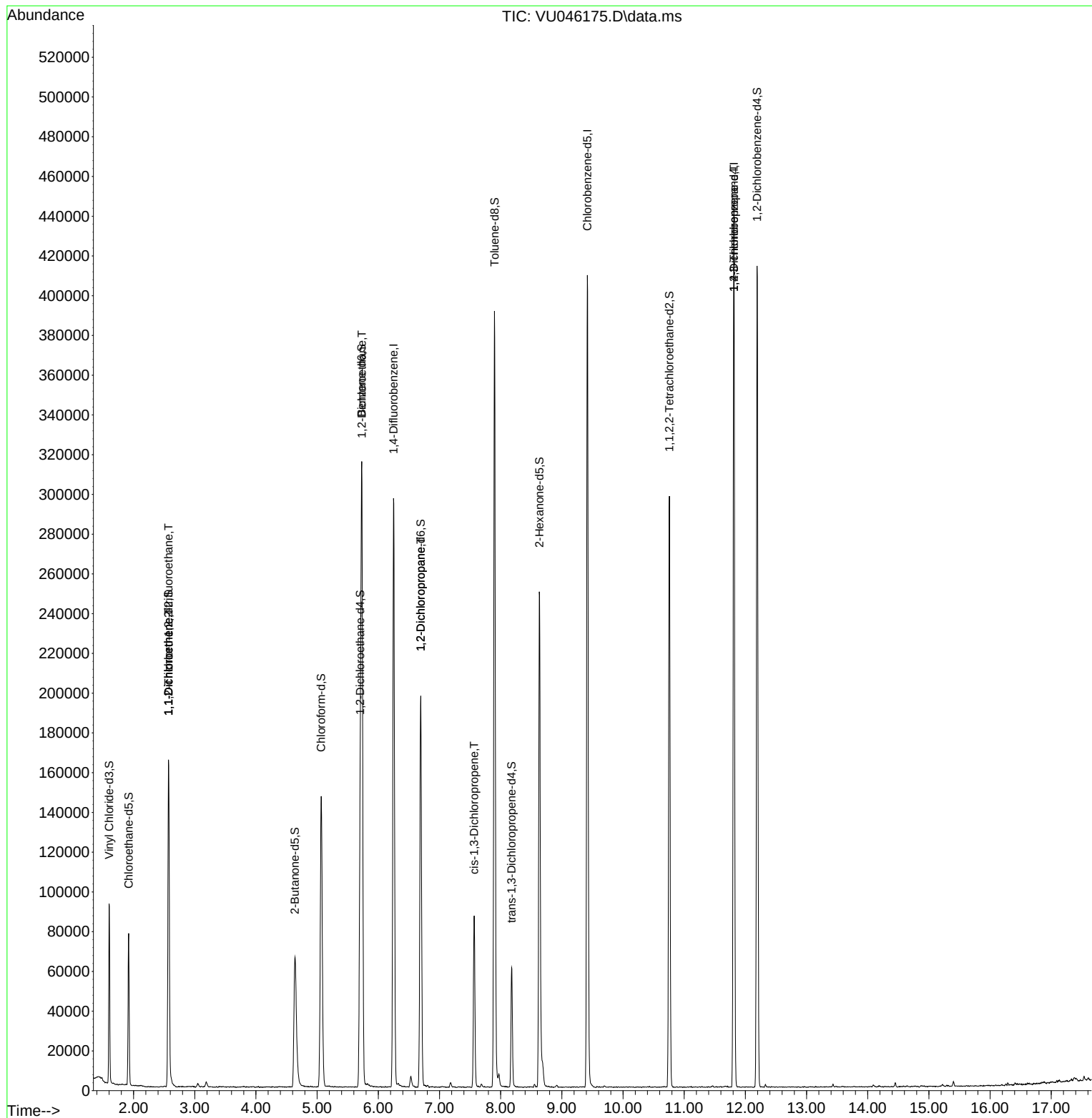
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	248199	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	239730	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	121031	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	64122	31.363	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.720%
7) Chloroethane-d5	1.919	69	55789	35.539	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.080%
11) 1,1-Dichloroethene-d2	2.572	63	98097	26.727	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.460%#
21) 2-Butanone-d5	4.636	46	114393	70.382	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.380%
24) Chloroform-d	5.067	84	137934	40.399	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.703	65	95941	41.871	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.740%
32) Benzene-d6	5.729	84	297752	43.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.660%
36) 1,2-Dichloropropane-d6	6.694	67	94891	44.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.120%
41) Toluene-d8	7.899	98	266977	42.675	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.340%
43) trans-1,3-Dichloroprop...	8.179	79	35096	34.141	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.280%
47) 2-Hexanone-d5	8.632	63	94040	93.140	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.140%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	146165	45.260	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.520%
66) 1,2-Dichlorobenzene-d4	12.192	152	112051	48.073	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.140%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	919	0.509	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	766	0.446	ug/L #	1
27) 1,2-Dichloroethane	5.732	62	1565	0.575	ug/L #	73
37) 1,2-Dichloropropane	6.694	63	10161	5.346	ug/L #	86
39) cis-1,3-Dichloropropene	7.565	75	1994	0.690	ug/L #	68
60) 1,2,3-Trichloropropane	11.812	75	13742	5.180	ug/L #	64

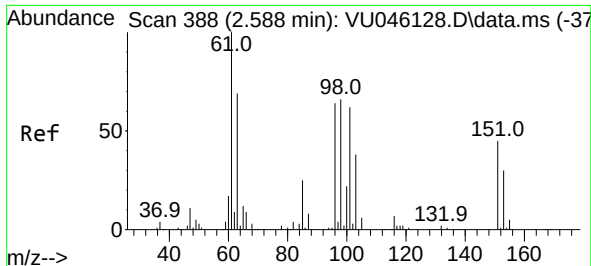
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 05:08:36 2021
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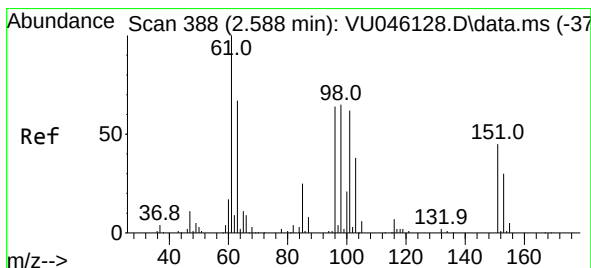
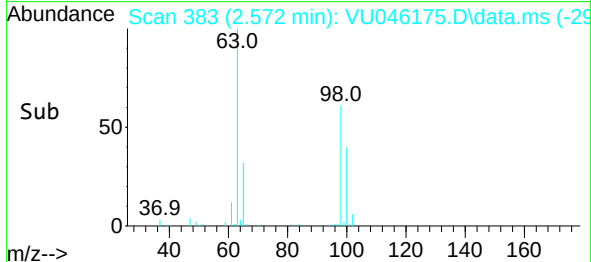
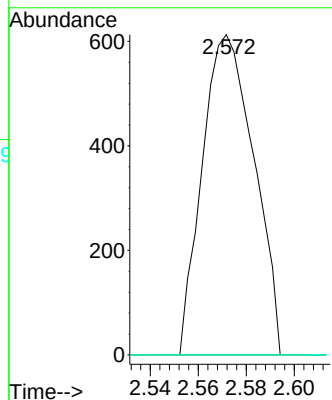
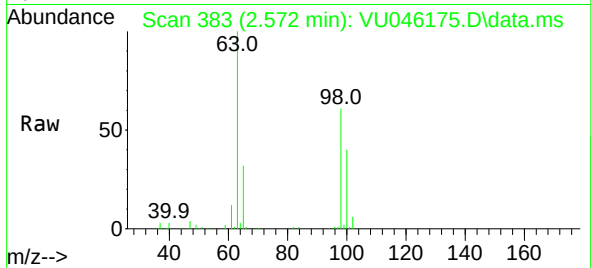




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.509 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU046175.D
 Acq: 08 Dec 2021 15:05

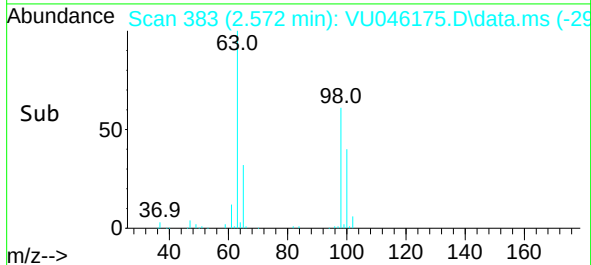
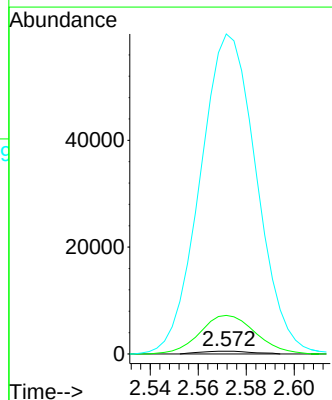
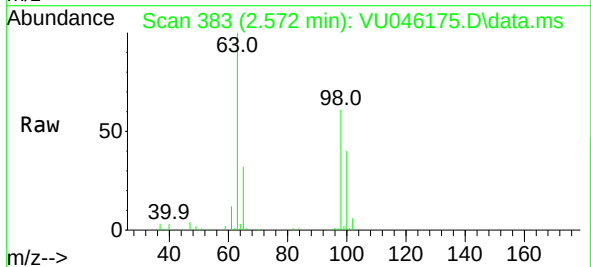
Instrument :
 MSVOA_U
 ClientSampleId :

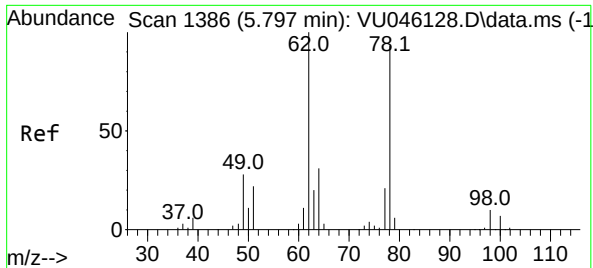
Tgt Ion:101 Resp: 919
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.446 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.013 min
 Lab File: VU046175.D
 Acq: 08 Dec 2021 15:05

Tgt Ion: 96 Resp: 766
 Ion Ratio Lower Upper
 96 100
 61 1391.9 118.6 220.2#
 63 11545.3 93.0 172.8#

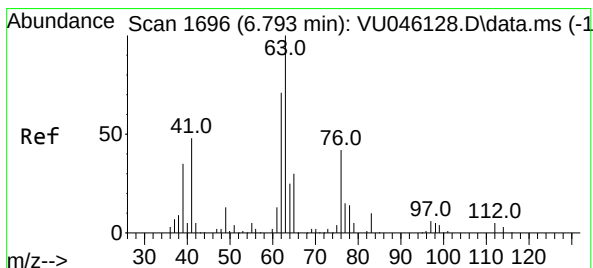
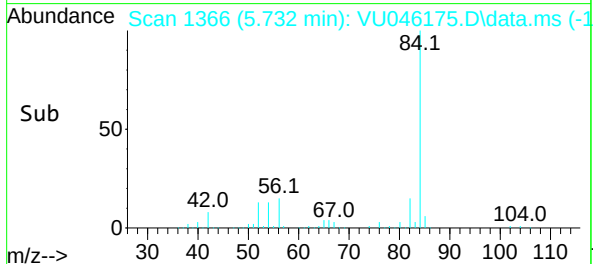
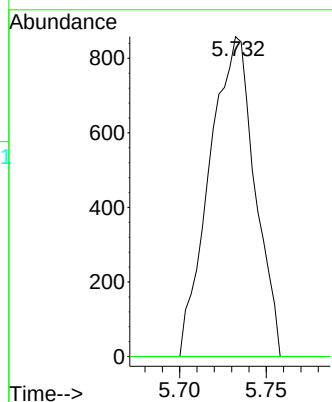
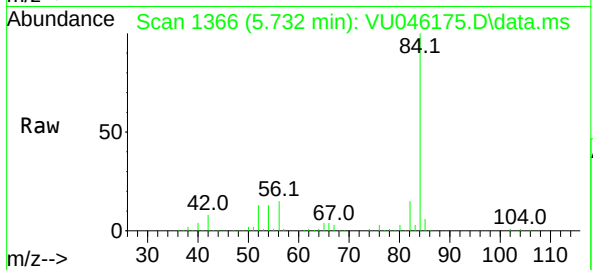




#27
 1,2-Dichloroethane
 Concen: 0.575 ug/L
 RT: 5.732 min Scan# 11
 Delta R.T. -0.067 min
 Lab File: VU046175.D
 Acq: 08 Dec 2021 15:05

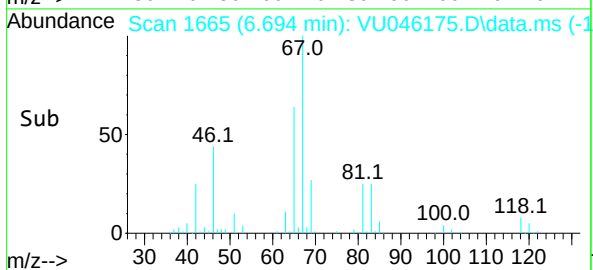
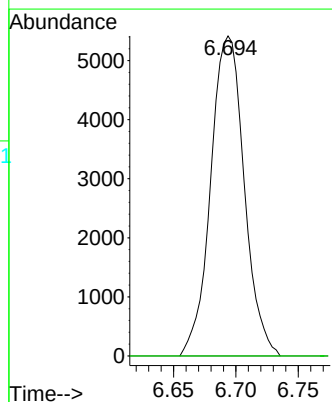
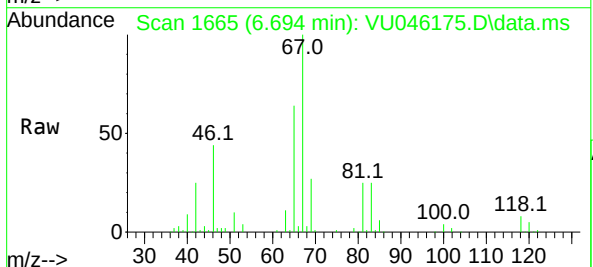
Instrument :
 MSVOA_U
 ClientSampleId :

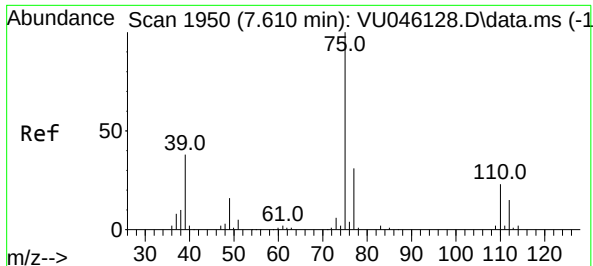
Tgt Ion: 62 Resp: 1565
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.9 11.9#



#37
 1,2-Dichloropropane
 Concen: 5.346 ug/L
 RT: 6.694 min Scan# 1665
 Delta R.T. -0.100 min
 Lab File: VU046175.D
 Acq: 08 Dec 2021 15:05

Tgt Ion: 63 Resp: 10161
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#

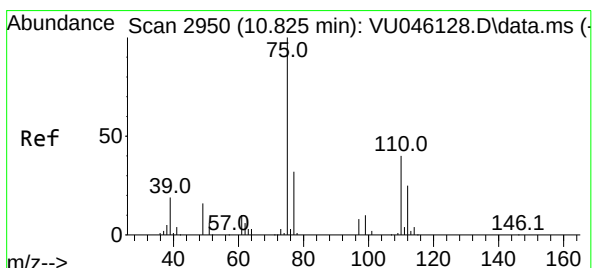
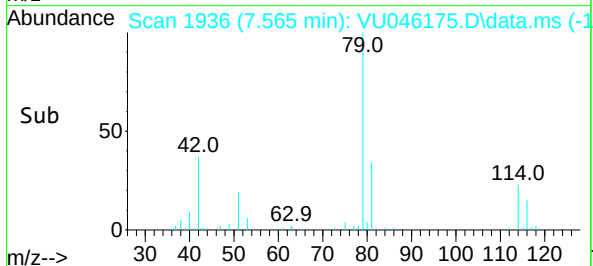
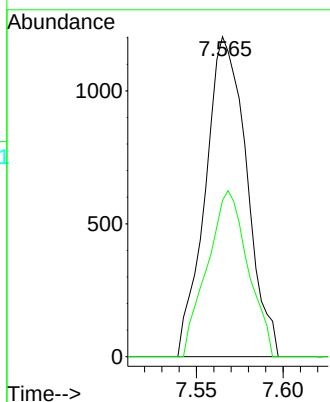
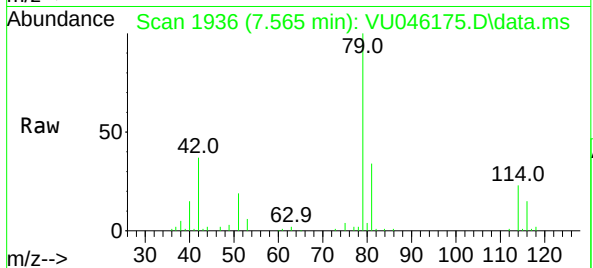




#39
 cis-1,3-Dichloropropene
 Concen: 0.690 ug/L
 RT: 7.565 min Scan# 1950
 Delta R.T. -0.045 min
 Lab File: VU046175.D
 Acq: 08 Dec 2021 15:05

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 1994
 Ion Ratio Lower Upper
 75 100
 77 48.8 21.8 40.6#



#60
 1,2,3-Trichloropropane
 Concen: 5.180 ug/L
 RT: 11.812 min Scan# 3257
 Delta R.T. 0.987 min
 Lab File: VU046175.D
 Acq: 08 Dec 2021 15:05

Tgt Ion: 75 Resp: 13742
 Ion Ratio Lower Upper
 75 100
 77 34.4 26.4 39.6
 110 1.3 32.4 48.6#

