

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
 Data File : VU057322.D
 Acq On : 28 Dec 2023 09:35
 Operator : MD/SY
 Sample : 06021-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH7Y8

Quant Time: Dec 28 20:47:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 28 05:49:04 2023
 Response via : Initial Calibration

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

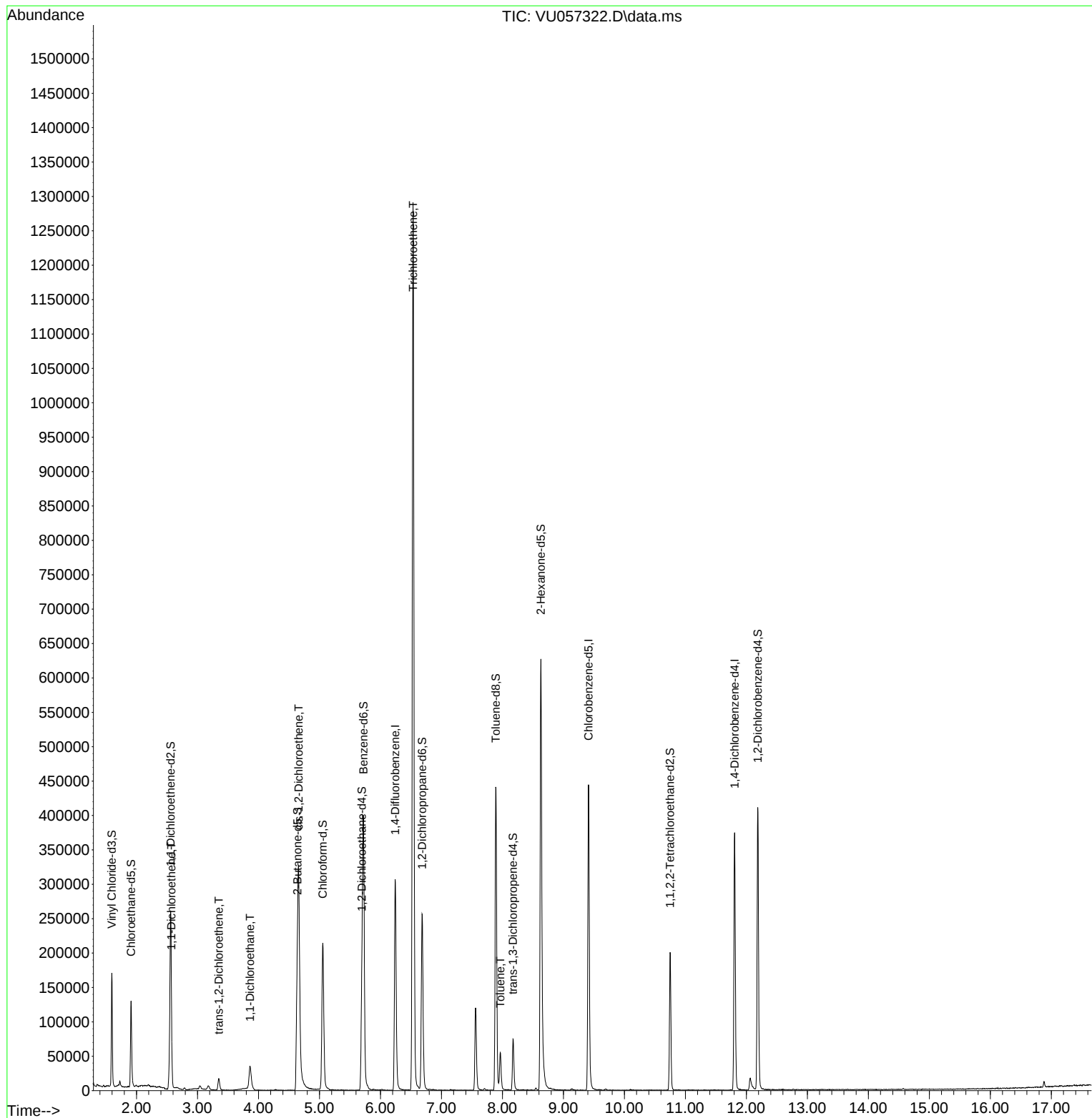
Internal Standards							
1) 1,4-Difluorobenzene		6.242	114	245286	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.412	117	247399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.807	152	98672	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	112715	5.345	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130		Recovery	= 107.000%		
7) Chloroethane-d5		1.911	69	96424	5.693	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130		Recovery	= 113.800%		
11) 1,1-Dichloroethene-d2		2.560	65	46139	5.497	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125		Recovery	= 110.000%		
20) 2-Butanone-d5		4.637	46	282589	59.169	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130		Recovery	= 118.340%		
24) Chloroform-d		5.055	84	200264	5.341	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 106.800%		
26) 1,2-Dichloroethane-d4		5.695	65	108461	5.660	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 113.200%		
32) Benzene-d6		5.721	84	374551	5.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125		Recovery	= 106.200%		
36) 1,2-Dichloropropane-d6		6.682	67	123909	5.607	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140		Recovery	= 112.200%		
41) Toluene-d8		7.891	98	296611	4.875	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130		Recovery	= 97.600%		
43) trans-1,3-Dichloroprop...		8.174	79	44276	4.993	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130		Recovery	= 99.800%		
46) 2-Hexanone-d5		8.631	63	217696	54.207	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130		Recovery	= 108.420%		
56) 1,1,2,2-Tetrachloroeth...		10.749	84	101401	5.464	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120		Recovery	= 109.200%		
66) 1,2-Dichlorobenzene-d4		12.187	152	106475	5.926	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120		Recovery	= 118.600%		
Target Compounds							Qvalue
12) 1,1-Dichloroethene		2.573	96	3600	0.225	ug/L	# 1
18) trans-1,2-Dichloroethene		3.351	96	7409	0.466	ug/L	89
19) 1,1-Dichloroethane		3.862	63	37491	1.121	ug/L	98
22) cis-1,2-Dichloroethene		4.660	96	123131	6.696	ug/L	97
34) Trichloroethene		6.534	95	463052	24.381	ug/L	98
42) Toluene		7.965	91	40883	0.533	ug/L	96

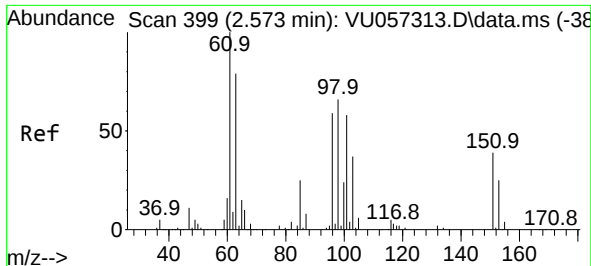
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 28 05:49:04 2023
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#12

1,1-Dichloroethene

Concen: 0.225 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU057322.D

Acq: 28 Dec 2023 09:35

Instrument :

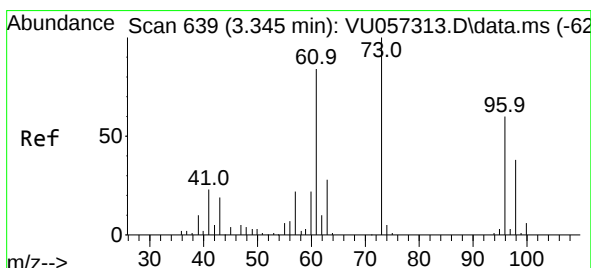
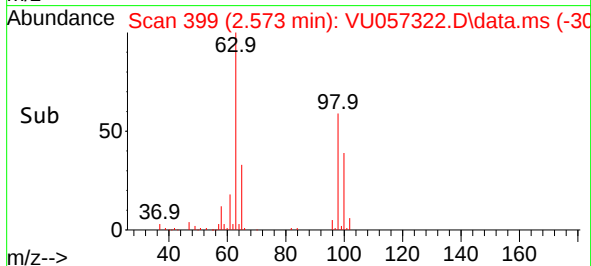
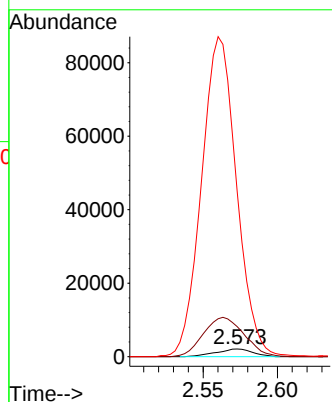
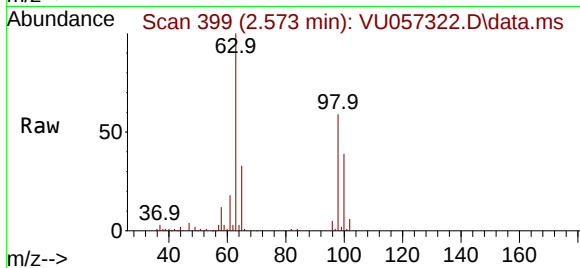
MSVOA_U

ClientSampleId :

BH7Y8

Tgt Ion: 96 Resp: 3600

Ion	Ratio	Lower	Upper
96	100		
61	386.4	122.2	226.9#
63	2130.6	99.2	184.2#



#18

trans-1,2-Dichloroethene

Concen: 0.466 ug/L

RT: 3.351 min Scan# 641

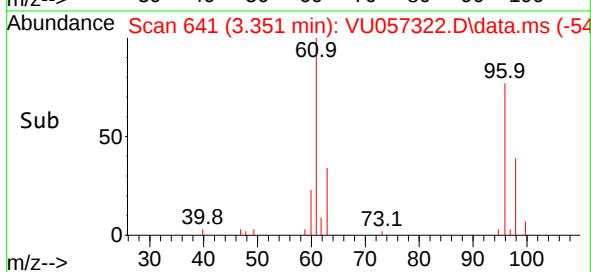
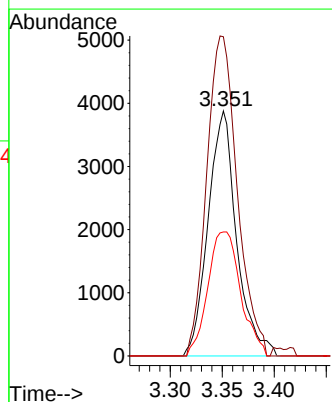
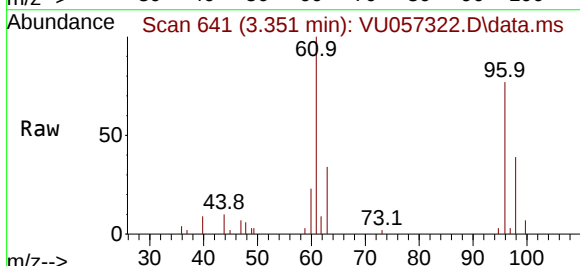
Delta R.T. 0.006 min

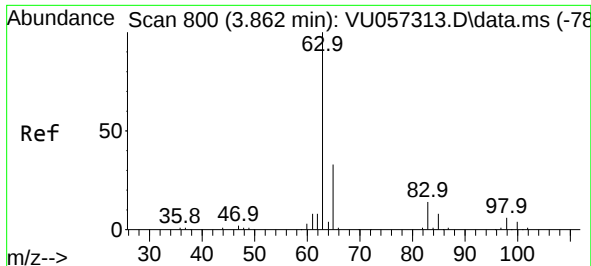
Lab File: VU057322.D

Acq: 28 Dec 2023 09:35

Tgt Ion: 96 Resp: 7409

Ion	Ratio	Lower	Upper
96	100		
61	130.3	97.5	181.1
98	50.6	45.9	85.3





#19

1,1-Dichloroethane

Concen: 1.121 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU057322.D

Acq: 28 Dec 2023 09:35

Instrument :

MSVOA_U

ClientSampleId :

BH7Y8

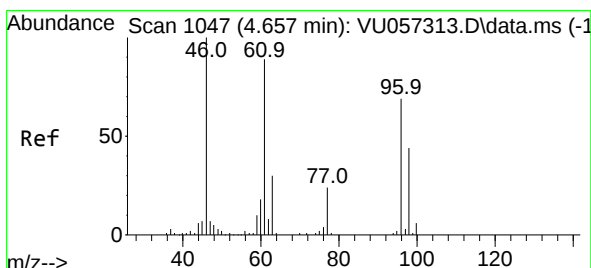
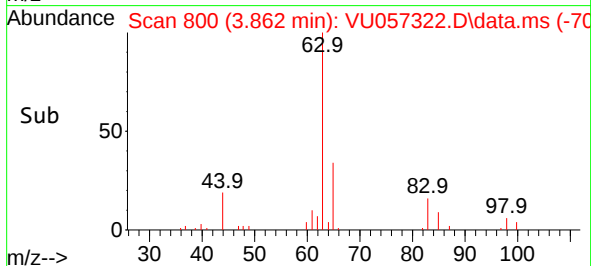
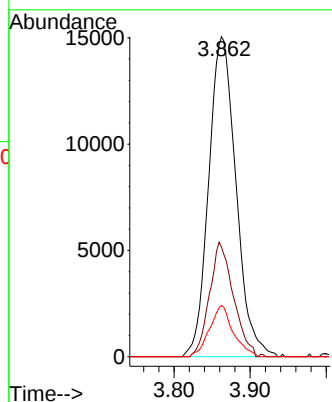
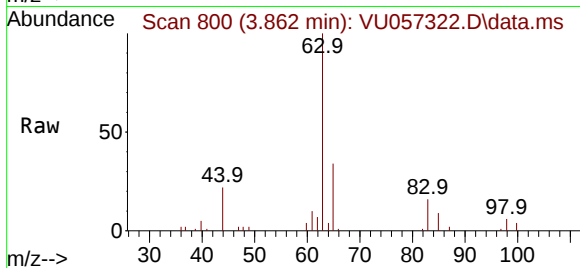
Tgt Ion: 63 Resp: 37491

Ion Ratio Lower Upper

63 100

65 34.2 23.6 43.8

83 16.0 9.8 18.2



#22

cis-1,2-Dichloroethene

Concen: 6.696 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU057322.D

Acq: 28 Dec 2023 09:35

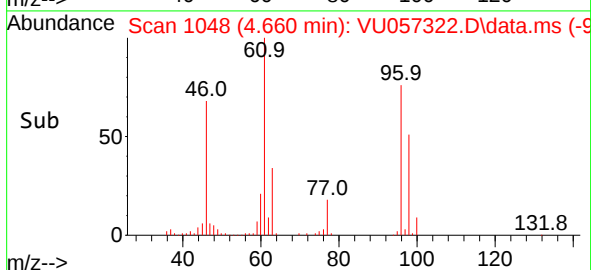
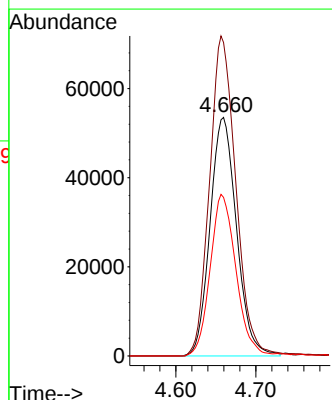
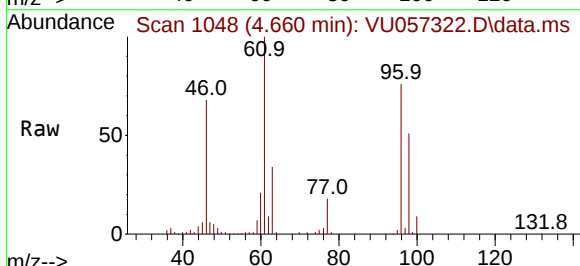
Tgt Ion: 96 Resp: 123131

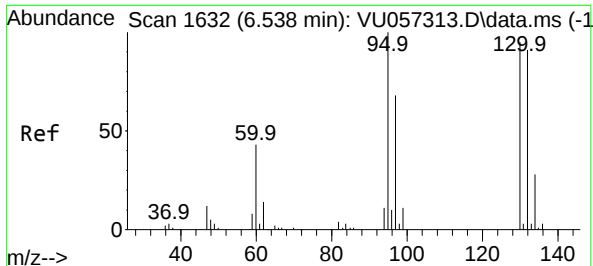
Ion Ratio Lower Upper

96 100

61 131.3 91.1 169.3

98 66.4 42.6 79.0

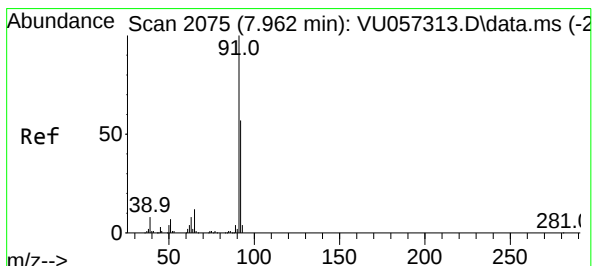
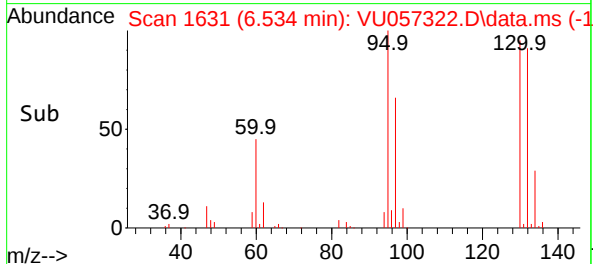
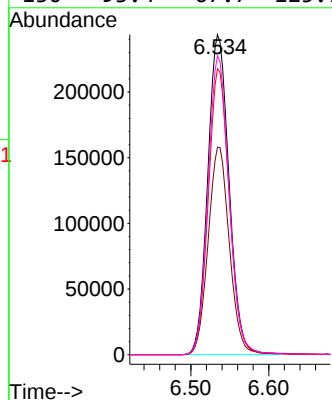
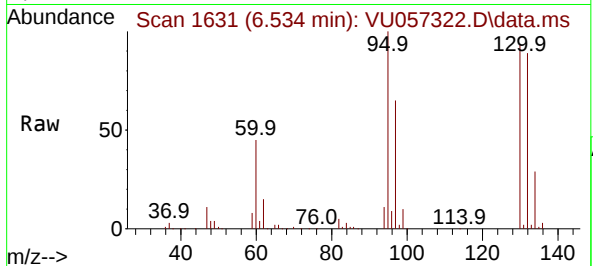




#34
Trichloroethene
Concen: 24.381 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU057322.D
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Instrument :
MSVOA_U
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Tgt Ion: 95 Resp: 463052
Ion Ratio Lower Upper
95 100
97 64.9 45.3 84.1
132 89.3 63.1 117.3
130 93.4 67.7 125.7



#42
Toluene
Concen: 0.533 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU057322.D
Acq: 28 Dec 2023 09:35

Tgt Ion: 91 Resp: 40883
Ion Ratio Lower Upper
91 100
92 56.3 41.6 77.2

