

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054540.D
 Acq On : 15 Jun 2023 21:54
 Operator : MD/SY
 Sample : 03253-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW9

Quant Time: Jun 16 02:43:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

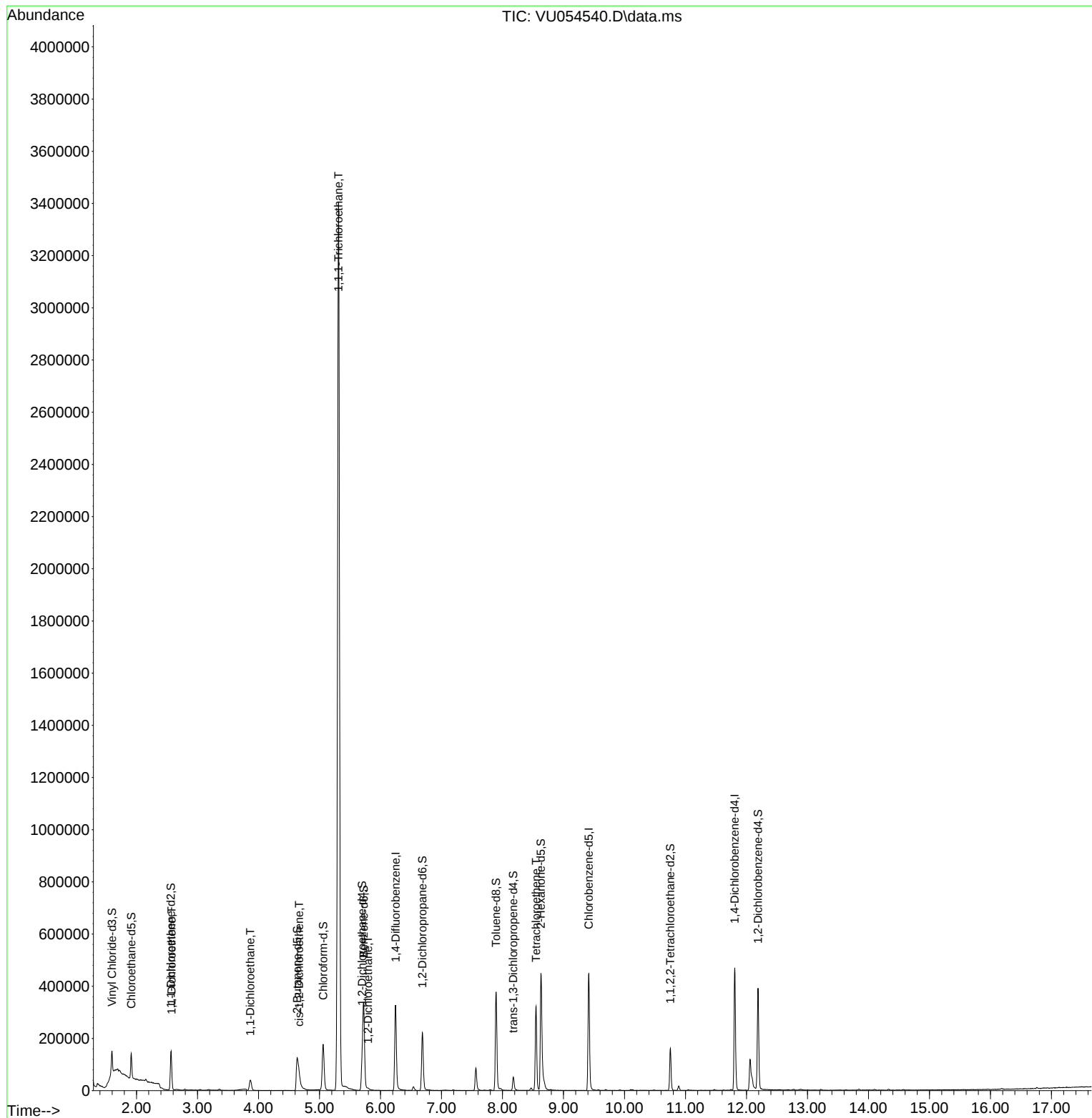
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	276334	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	262722	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	60283	3.428	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.600%	
7) Chloroethane-d5	1.914	69	75651	4.595	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.800%	
11) 1,1-Dichloroethene-d2	2.563	65	29346	3.736	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.800%	
20) 2-Butanone-d5	4.634	46	236452	47.821	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.640%	
24) Chloroform-d	5.062	84	166421	4.527	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	5.698	65	83526	4.661	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
32) Benzene-d6	5.724	84	321019	4.396	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.685	67	114081	4.677	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.894	98	261625	4.037	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	8.177	79	32302	3.809	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.200%	
46) 2-Hexanone-d5	8.631	63	158855	44.644	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.280%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83066	4.567	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	104967	4.855	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	2567	0.128	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	48503	1.133	ug/L	97
22) cis-1,2-Dichloroethene	4.666	96	11744	0.498	ug/L	92
27) 1,2-Dichloroethane	5.795	62	3598	0.145	ug/L #	75
29) 1,1,1-Trichloroethane	5.312	97	2510649	70.474	ug/L	98
47) Tetrachloroethene	8.550	164	72987	3.819	ug/L	97

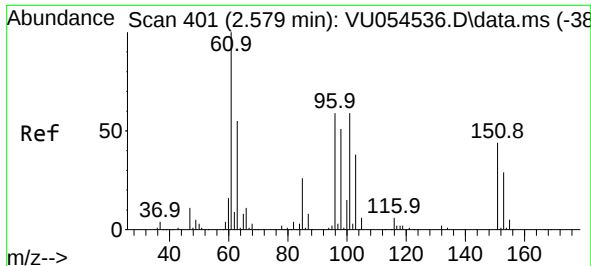
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jun 14 00:05:43 2023
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#12

1,1-Dichloroethene

Concen: 0.128 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU054540.D

Acq: 15 Jun 2023 21:54

Instrument :

MSVOA_U

ClientSampleId :

EXYW9

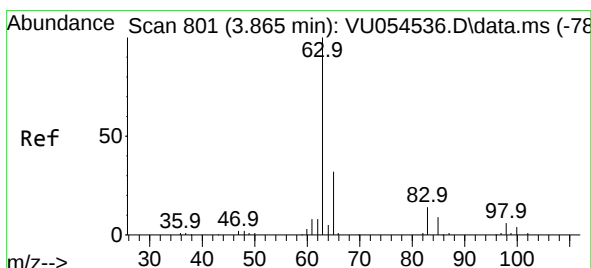
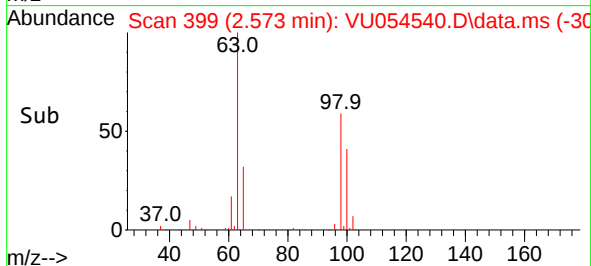
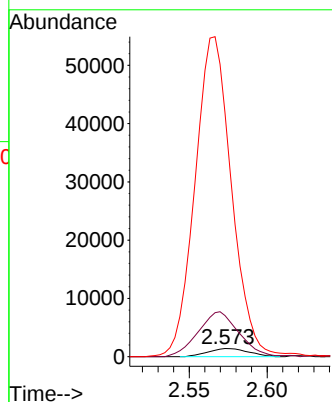
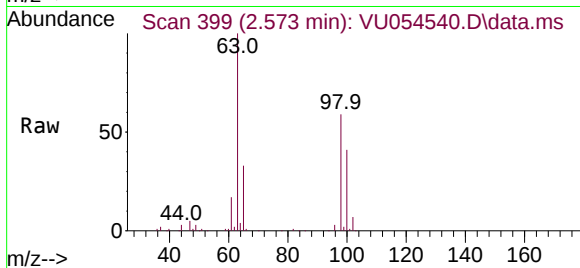
Tgt Ion: 96 Resp: 2567

Ion Ratio Lower Upper

96 100

61 499.5 119.9 222.7#

63 2964.3 64.3 119.3#



#19

1,1-Dichloroethane

Concen: 1.133 ug/L

RT: 3.865 min Scan# 801

Delta R.T. -0.000 min

Lab File: VU054540.D

Acq: 15 Jun 2023 21:54

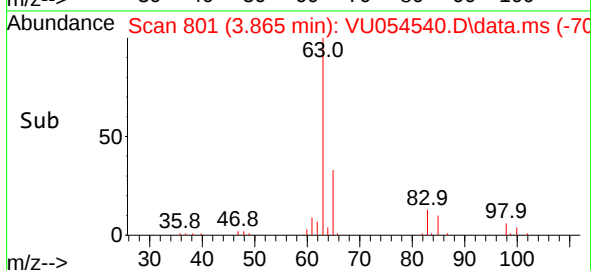
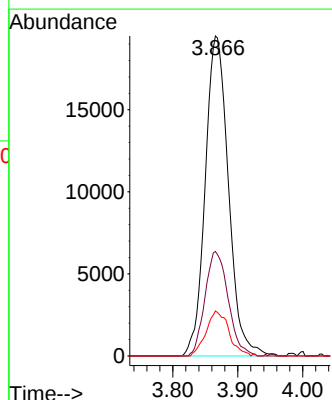
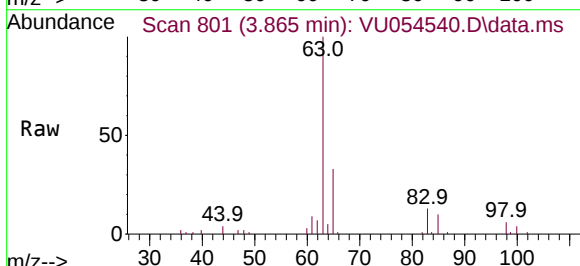
Tgt Ion: 63 Resp: 48503

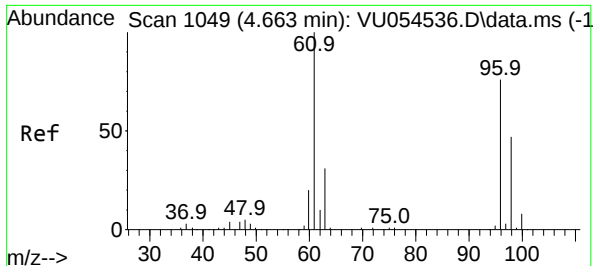
Ion Ratio Lower Upper

63 100

65 33.4 22.2 41.2

83 14.1 9.0 16.6

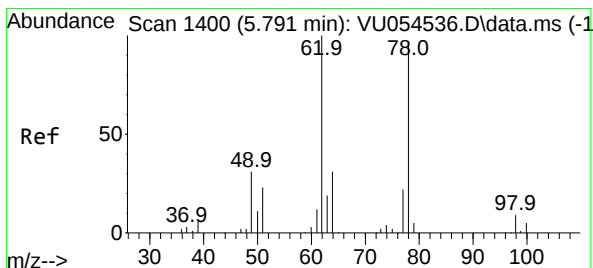
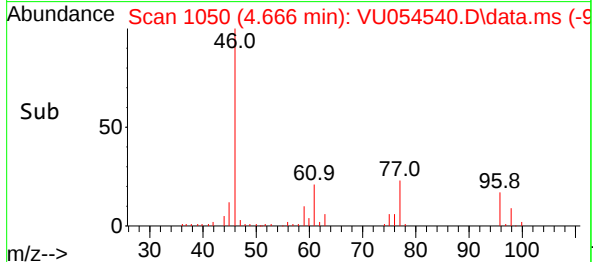
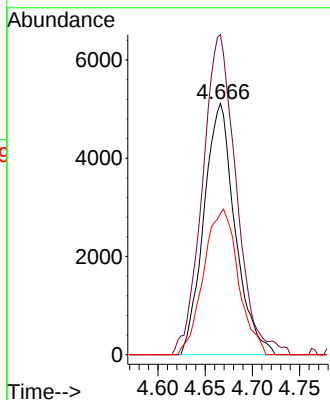
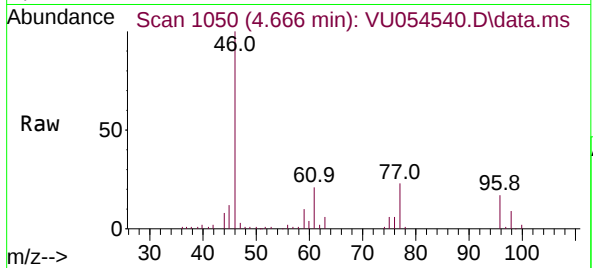




#22
 cis-1,2-Dichloroethene
 Concen: 0.498 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU054540.D
 Acq: 15 Jun 2023 21:54

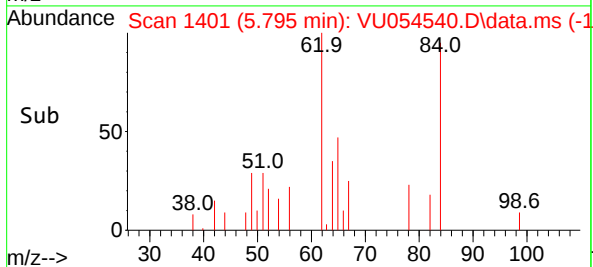
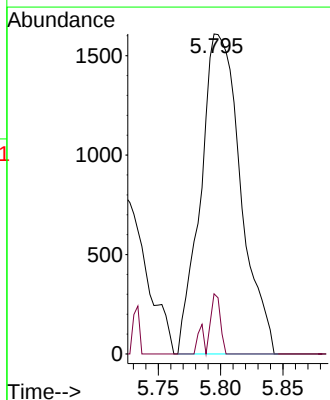
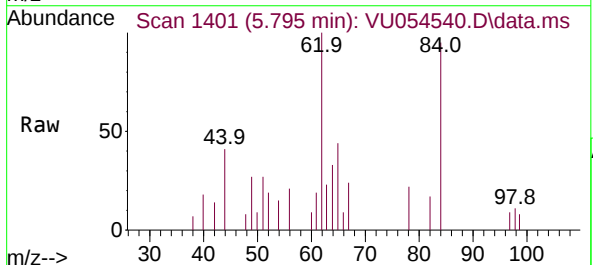
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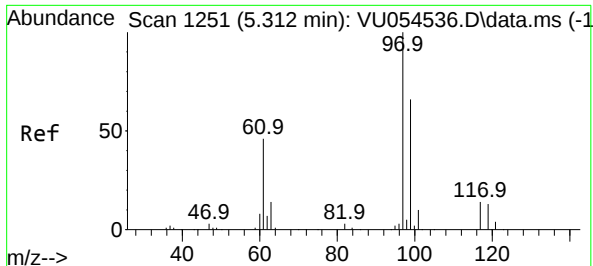
Tgt Ion: 96 Resp: 11744
 Ion Ratio Lower Upper
 96 100
 61 127.3 96.5 179.1
 98 58.6 44.9 83.3



#27
 1,2-Dichloroethane
 Concen: 0.145 ug/L
 RT: 5.795 min Scan# 1401
 Delta R.T. 0.003 min
 Lab File: VU054540.D
 Acq: 15 Jun 2023 21:54

Tgt Ion: 62 Resp: 3598
 Ion Ratio Lower Upper
 62 100
 98 18.8 7.8 11.6#

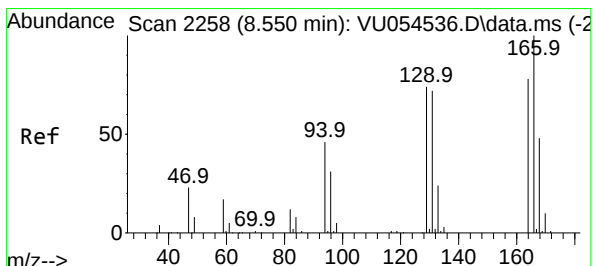
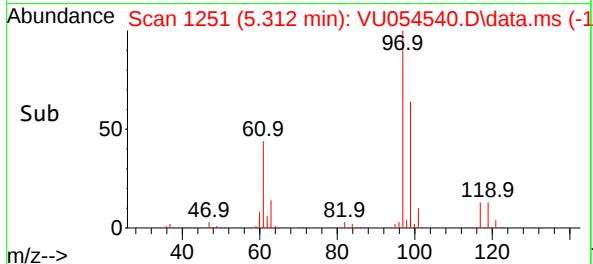
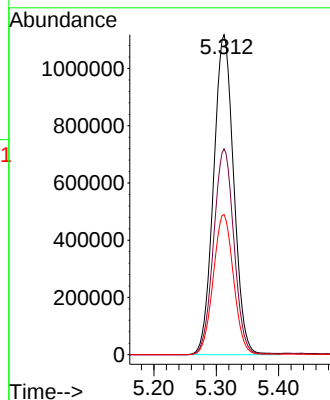
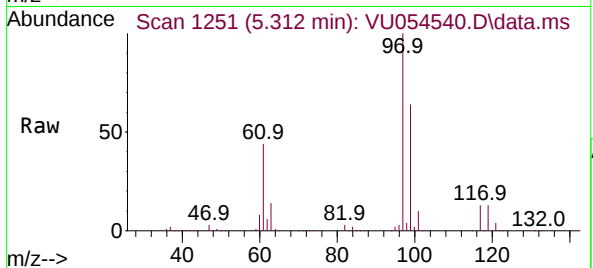




#29
1,1,1-Trichloroethane
Concen: 70.474 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU054540.D
Acq: 15 Jun 2023 21:54

Instrument :
MSVOA_U
ClientSampleId :
EXYW9

Tgt Ion: 97 Resp: 2510649
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 44.0 36.1 54.1



#47
Tetrachloroethene
Concen: 3.819 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054540.D
Acq: 15 Jun 2023 21:54

Tgt Ion:164 Resp: 72987
Ion Ratio Lower Upper
164 100
129 92.0 67.7 125.7
131 92.9 64.6 120.0
166 122.6 88.1 163.7

