

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092122\
 Data File : VU050885.D
 Acq On : 21 Sep 2022 19:11
 Operator : JC/MD
 Sample : N4650-20DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ37DL

Quant Time: Sep 22 02:15:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

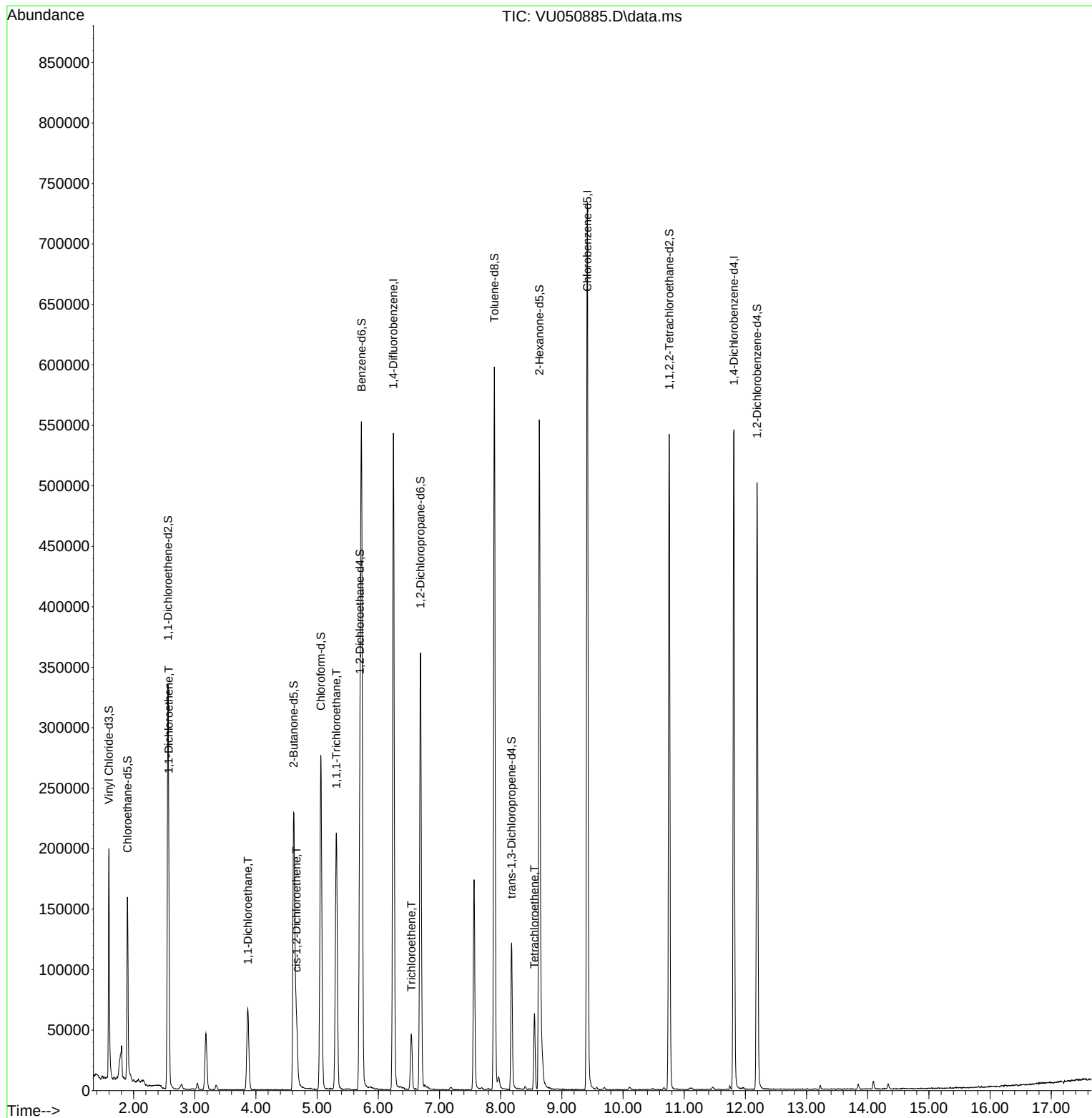
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	424125	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	400930	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	144262	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	143780	32.720	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	65.440%	
7) Chloroethane-d5	1.899	69	117645	37.592	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	75.180%	
11) 1,1-Dichloroethene-d2	2.562	63	190295	27.831	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	55.660%#	
21) 2-Butanone-d5	4.616	46	301502	106.279	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	106.280%	
24) Chloroform-d	5.060	84	257584	37.405	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	74.820%	
26) 1,2-Dichloroethane-d4	5.700	65	170101	40.082	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	80.160%	
32) Benzene-d6	5.726	84	506685	38.368	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	76.740%	
36) 1,2-Dichloropropane-d6	6.690	67	179426	40.252	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	80.500%	
41) Toluene-d8	7.896	98	396363	34.337	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	68.680%#	
43) trans-1,3-Dichloroprop...	8.179	79	68160	35.149	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.300%	
47) 2-Hexanone-d5	8.632	63	175507	95.542	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	95.540%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	277740	40.868	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	81.740%	
66) 1,2-Dichlorobenzene-d4	12.192	152	129692	42.937	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	85.880%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.575	96	23837	7.311	ug/L #	1
19) 1,1-Dichloroethane	3.867	63	79921	11.835	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	21716	5.861	ug/L	93
30) 1,1,1-Trichloroethane	5.314	97	153260	28.733	ug/L	98
34) Trichloroethene	6.542	95	15571	4.543	ug/L	95
46) Tetrachloroethene	8.552	164	13717	5.569	ug/L	97

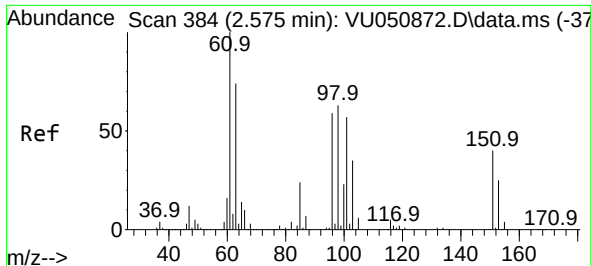
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Sep 22 02:11:06 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 7.311 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.000 min

Lab File: VU050885.D

Acq: 21 Sep 2022 19:11

Instrument :

MSVOA_U

ClientSampleId :

EXZ37DL

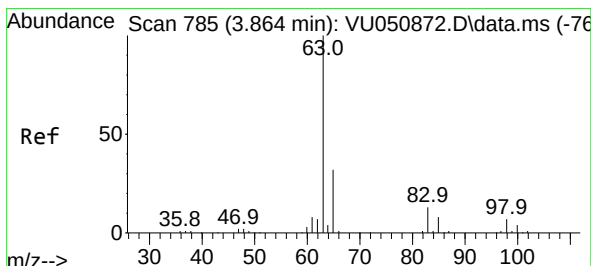
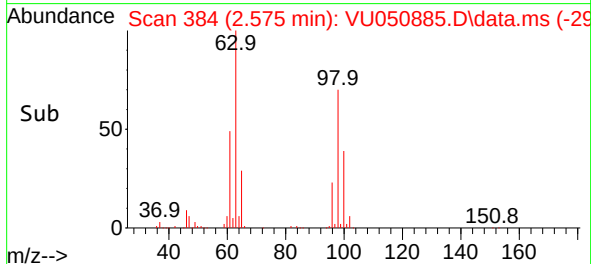
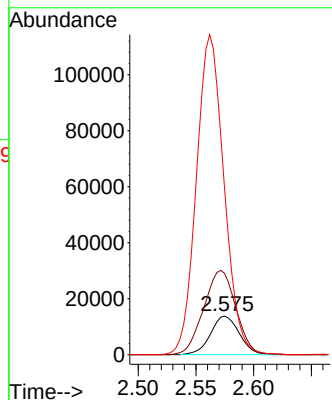
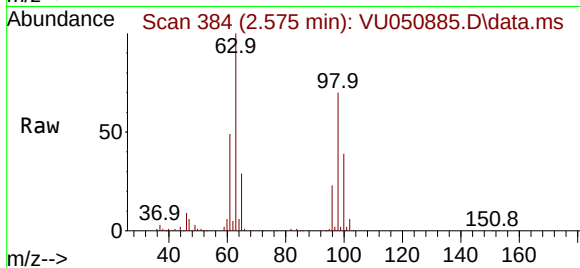
Tgt Ion: 96 Resp: 23837

Ion Ratio Lower Upper

96 100

61 210.8 118.6 220.2

63 432.2 90.4 168.0#



#19

1,1-Dichloroethane

Concen: 11.835 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.003 min

Lab File: VU050885.D

Acq: 21 Sep 2022 19:11

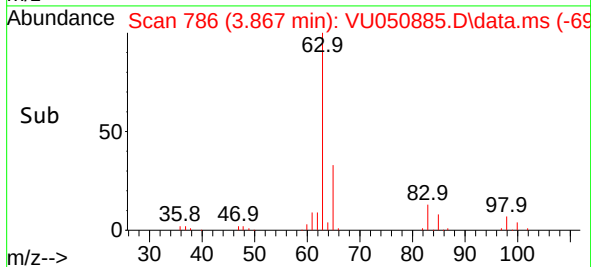
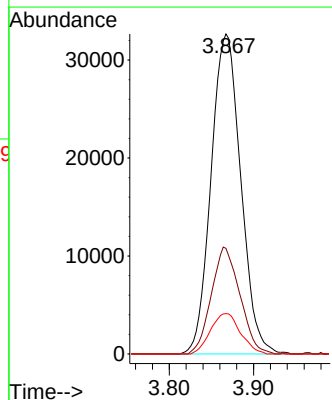
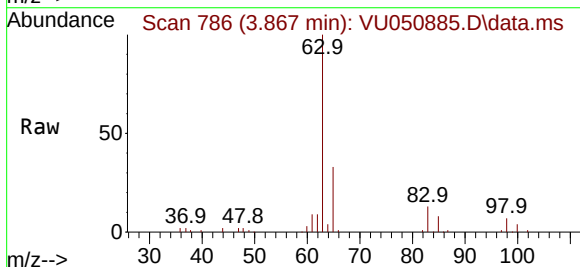
Tgt Ion: 63 Resp: 79921

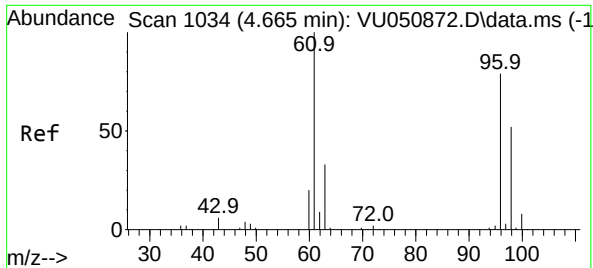
Ion Ratio Lower Upper

63 100

65 33.0 21.5 39.9

83 12.6 9.3 17.3

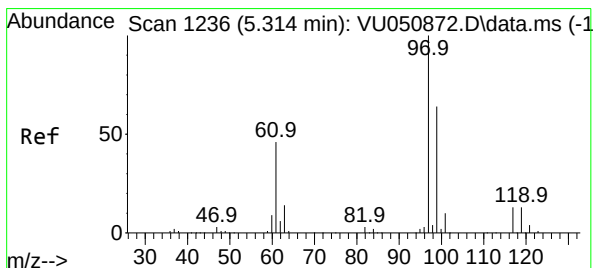
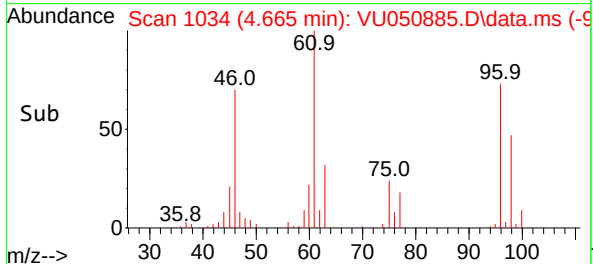
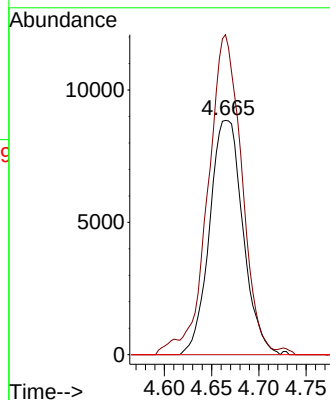
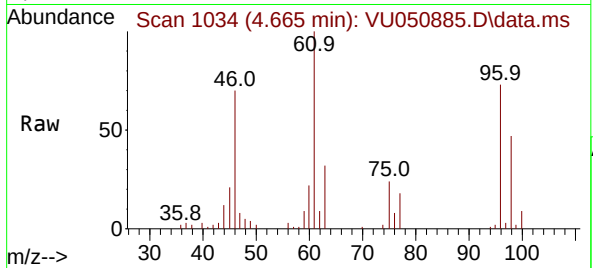




#20
 cis-1,2-Dichloroethene
 Concen: 5.861 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU050885.D
 Acq: 21 Sep 2022 19:11

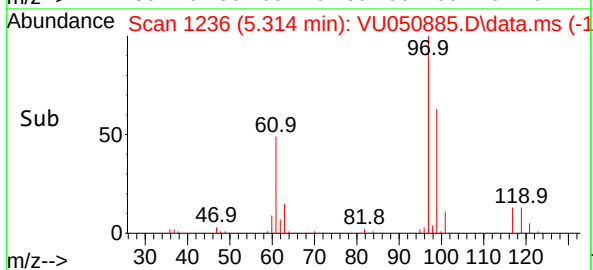
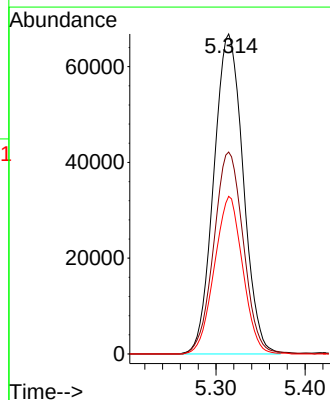
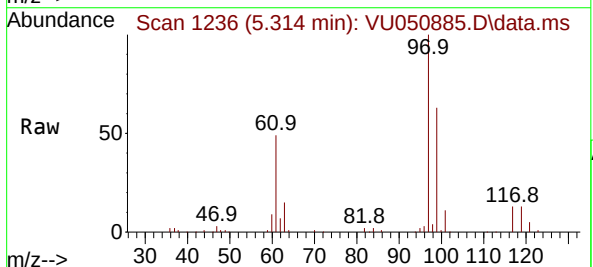
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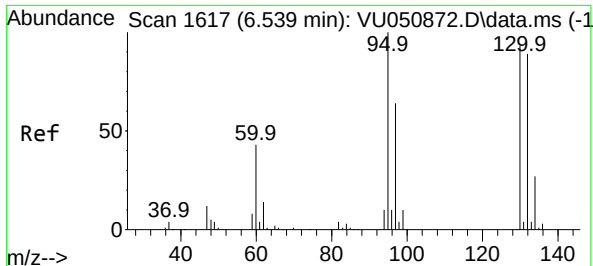
Tgt Ion: 96 Resp: 21716
 Ion Ratio Lower Upper
 96 100
 61 136.6 90.1 167.3
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 28.733 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. -0.000 min
 Lab File: VU050885.D
 Acq: 21 Sep 2022 19:11

Tgt Ion: 97 Resp: 153260
 Ion Ratio Lower Upper
 97 100
 99 63.6 52.2 78.2
 61 47.4 37.1 55.7



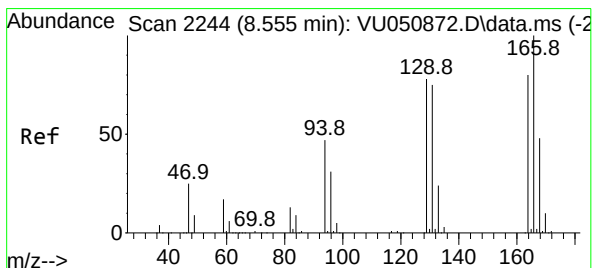
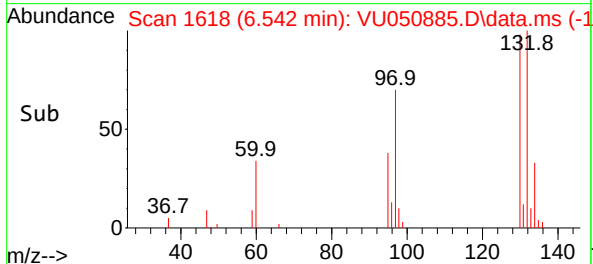
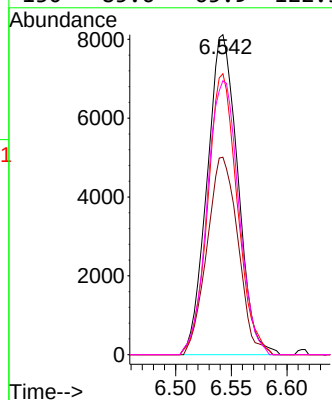
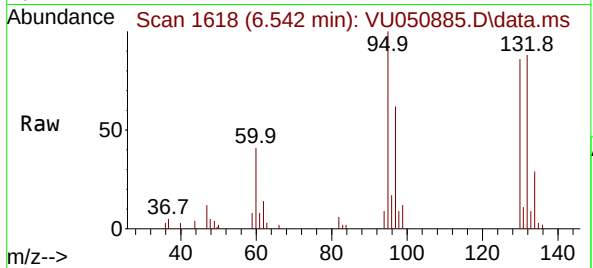


#34
Trichloroethene
Concen: 4.543 ug/L
RT: 6.542 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU050885.D
Acq: 21 Sep 2022 19:11

Instrument :
MSVOA_U
ClientSampleId :
EXZ37DL

Tgt Ion: 95 Resp: 15571

Ion	Ratio	Lower	Upper
95	100		
97	61.7	43.9	81.5
132	87.8	63.1	117.1
130	85.6	65.9	122.3



#46
Tetrachloroethene
Concen: 5.569 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU050885.D
Acq: 21 Sep 2022 19:11

Tgt Ion: 164 Resp: 13717

Ion	Ratio	Lower	Upper
164	100		
129	98.5	68.5	127.3
131	90.5	66.1	122.7
166	121.3	88.8	164.8

