

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050930.D
 Acq On : 23 Sep 2022 19:28
 Operator : JC/MD
 Sample : N4747-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E45B2

Quant Time: Sep 24 00:26:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

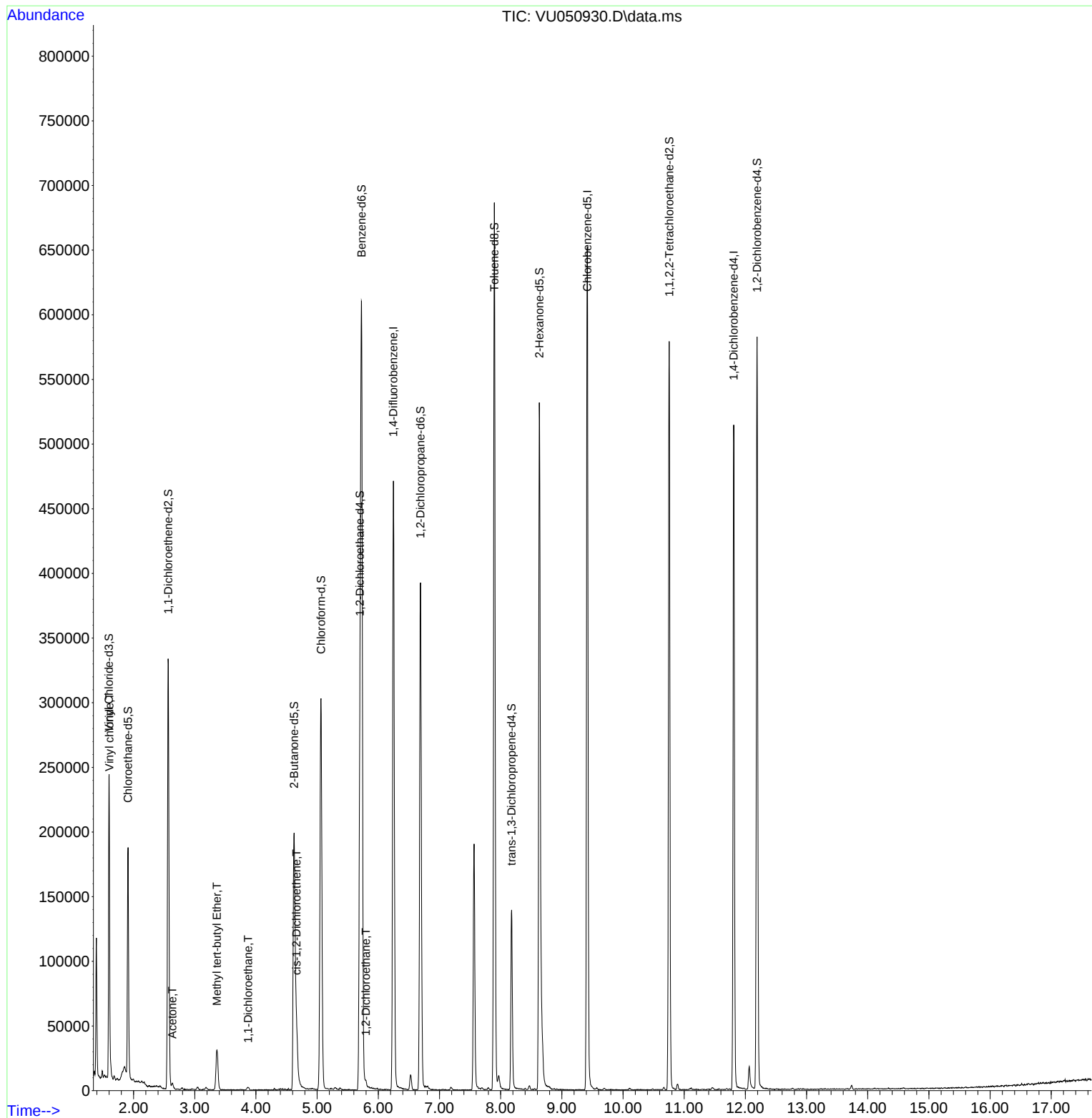
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	373578	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	365089	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	130721	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	153114	39.559	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.120%		
7) Chloroethane-d5	1.909	69	129843	47.103	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.200%		
11) 1,1-Dichloroethene-d2	2.565	63	196043	32.551	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.100%		
21) 2-Butanone-d5	4.623	46	294219	117.744	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.740%		
24) Chloroform-d	5.064	84	285131	47.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.020%		
26) 1,2-Dichloroethane-d4	5.700	65	187120	50.058	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.120%		
32) Benzene-d6	5.726	84	560171	46.583	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.160%		
36) 1,2-Dichloropropane-d6	6.691	67	196962	48.524	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.040%		
41) Toluene-d8	7.896	98	451244	42.928	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.860%		
43) trans-1,3-Dichloroprop...	8.179	79	78771	44.609	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.220%		
47) 2-Hexanone-d5	8.633	63	157998	94.454	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.450%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	296375	47.891	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.780%		
66) 1,2-Dichlorobenzene-d4	12.192	152	150807	55.100	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.200%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	25042	5.688	ug/L	89
13) Acetone	2.636	43	4618	2.183	ug/L	90
18) Methyl tert-butyl Ether	3.363	73	29921	3.334	ug/L	96
19) 1,1-Dichloroethane	3.874	63	2995	0.504	ug/L #	91
20) cis-1,2-Dichloroethene	4.665	96	14413	4.416	ug/L	96
27) 1,2-Dichloroethane	5.797	62	2833	0.629	ug/L	98

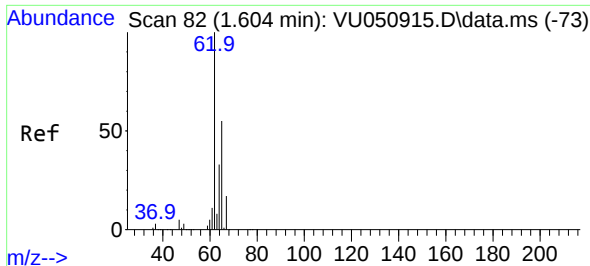
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Sat Sep 24 00:22:43 2022
Response via : Initial Calibration

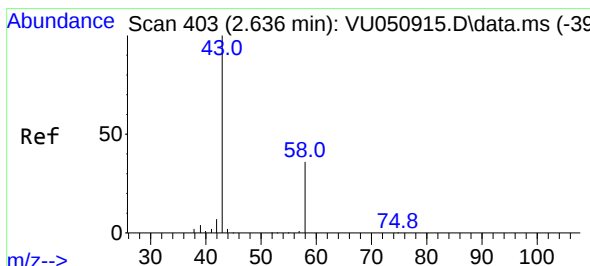
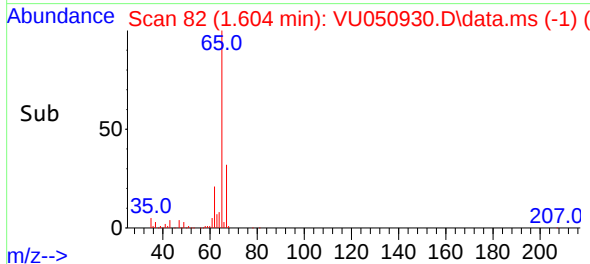
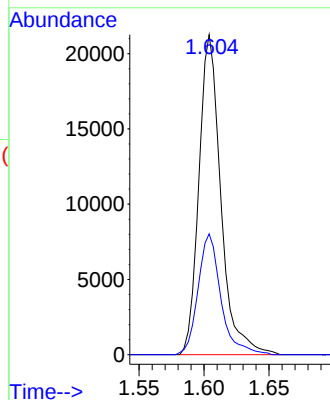
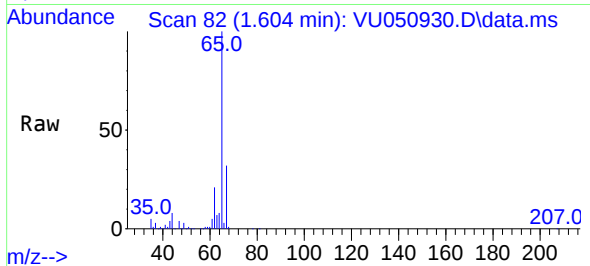




#5
 Vinyl chloride
 Concen: 5.688 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050930.D
 Acq: 23 Sep 2022 19:28

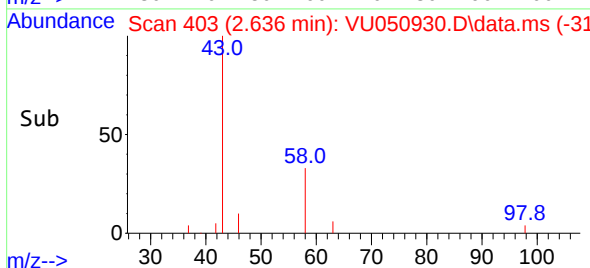
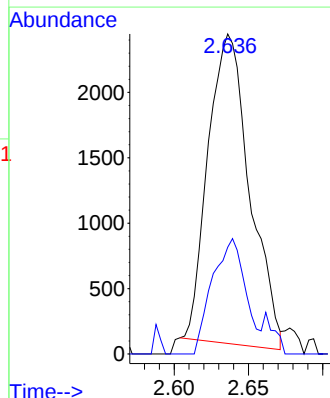
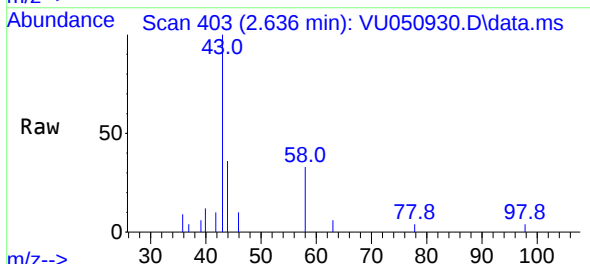
Instrument :
 MSVOA_U
 ClientSampleId :
 E45B2

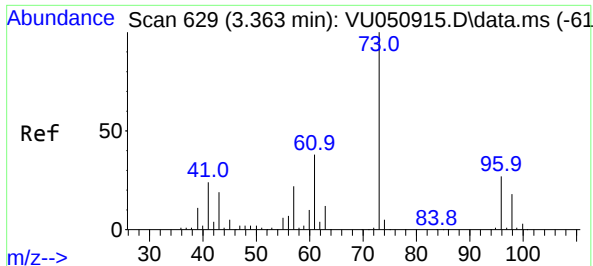
Tgt Ion: 62 Resp: 25042
 Ion Ratio Lower Upper
 62 100
 64 37.8 22.2 41.2



#13
 Acetone
 Concen: 2.183 ug/L
 RT: 2.636 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VU050930.D
 Acq: 23 Sep 2022 19:28

Tgt Ion: 43 Resp: 4618
 Ion Ratio Lower Upper
 43 100
 58 30.0 0.0 71.4



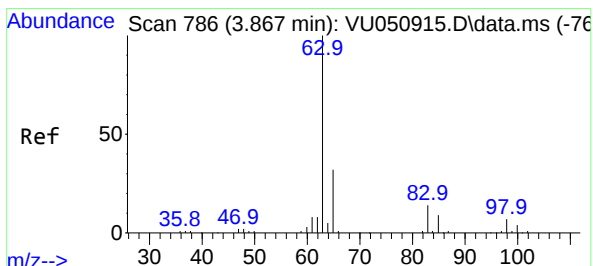
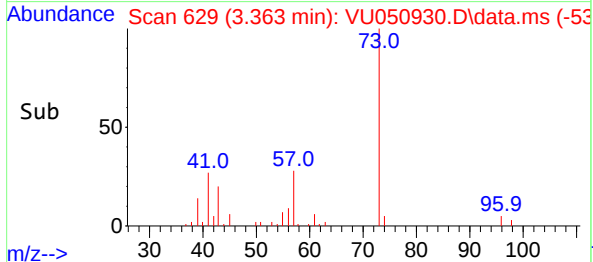
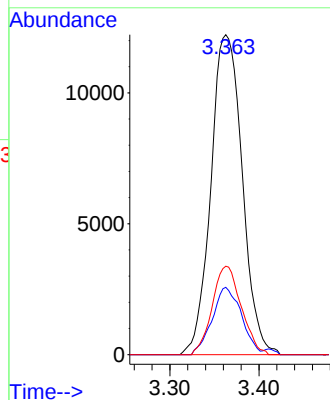
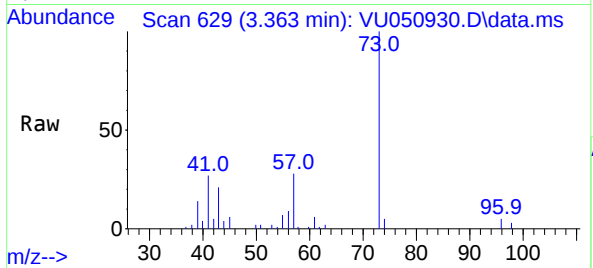


#18
Methyl tert-butyl Ether
Concen: 3.334 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050930.D
Acq: 23 Sep 2022 19:28

Instrument :
MSVOA_U
ClientSampleId :
E45B2

Tgt Ion: 73 Resp: 29921

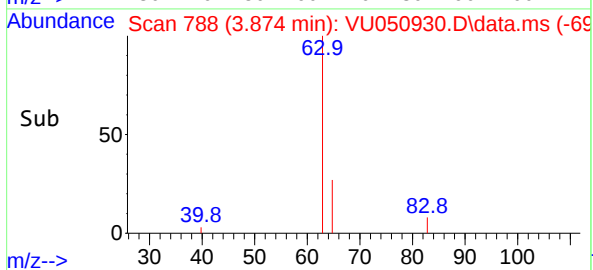
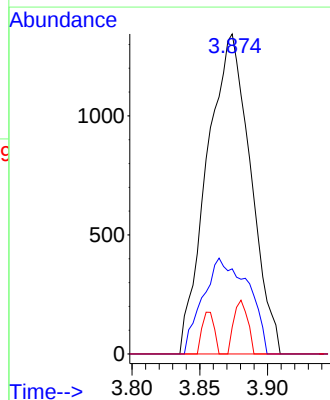
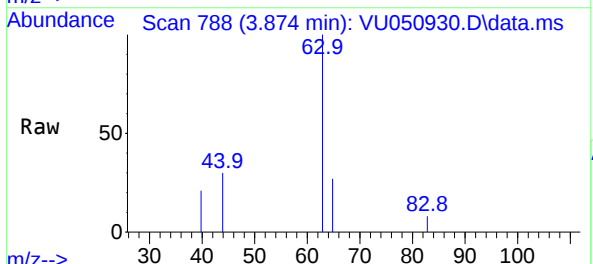
Ion	Ratio	Lower	Upper
73	100		
43	19.6	14.4	21.6
57	25.6	18.6	27.8

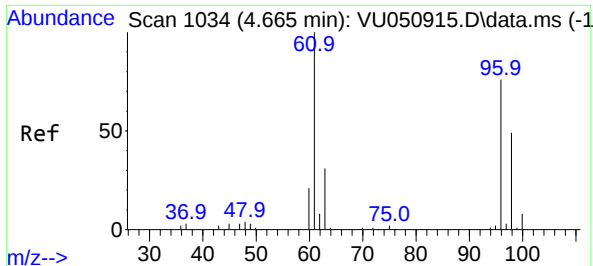


#19
1,1-Dichloroethane
Concen: 0.504 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.006 min
Lab File: VU050930.D
Acq: 23 Sep 2022 19:28

Tgt Ion: 63 Resp: 2995

Ion	Ratio	Lower	Upper
63	100		
65	26.6	21.5	39.9
83	8.4	9.3	17.3

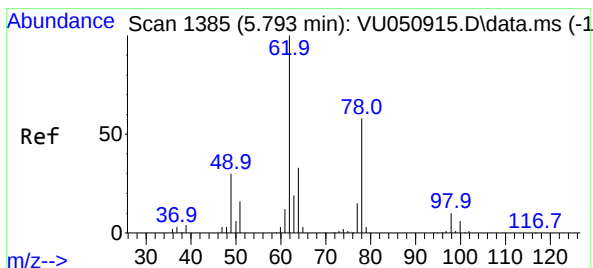
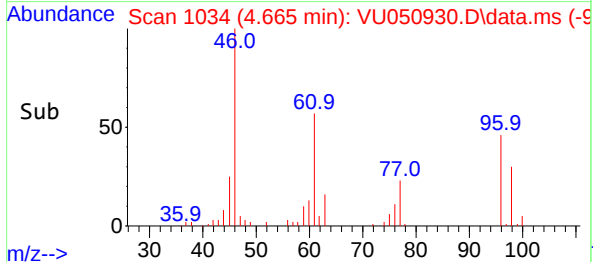
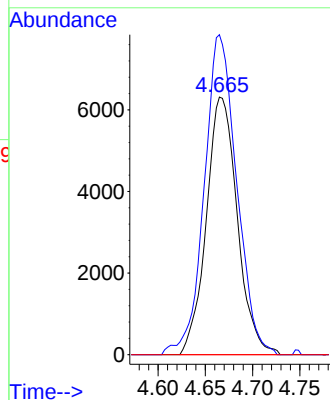
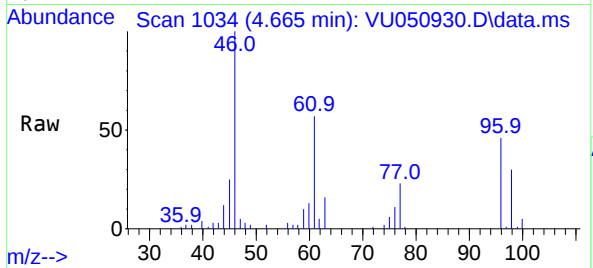




#20
cis-1,2-Dichloroethene
Concen: 4.416 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050930.D
Acq: 23 Sep 2022 19:28

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MSVOA_U
ClientSampleId :
E45B2

Tgt Ion: 96 Resp: 14413
Ion Ratio Lower Upper
96 100
61 124.2 90.1 167.3
68 0.0 0.0 0.0



#27
1,2-Dichloroethane
Concen: 0.629 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.003 min
Lab File: VU050930.D
Acq: 23 Sep 2022 19:28

Tgt Ion: 62 Resp: 2833
Ion Ratio Lower Upper
62 100
98 10.1 7.4 11.0

