

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060934.D
 Acq On : 20 Sep 2024 08:15
 Operator : MD/SY
 Sample : P3987-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q4

Quant Time: Sep 20 08:31:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

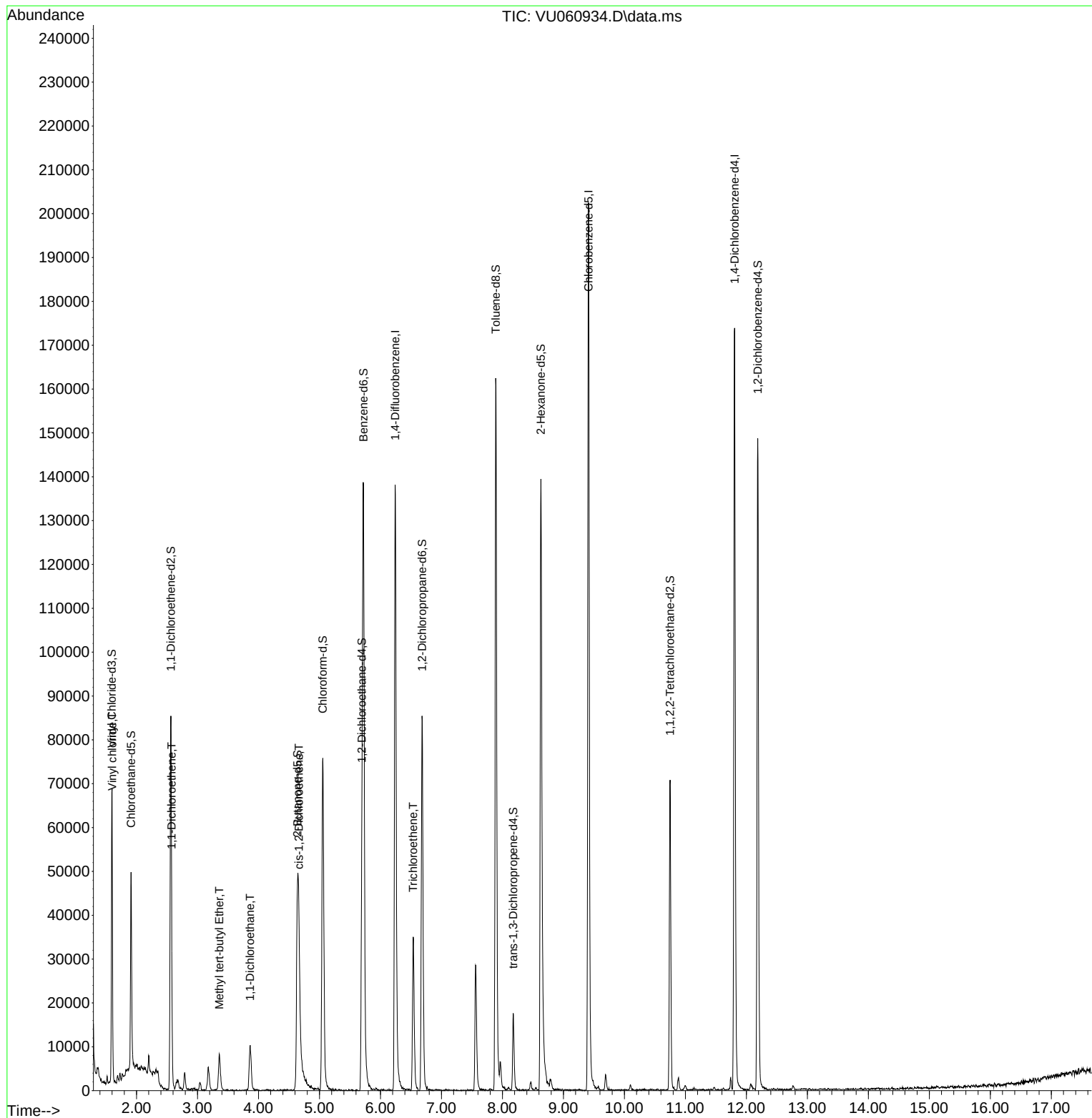
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126956	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	131191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	55386	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39205	3.433	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.600%
7) Chloroethane-d5	1.911	69	31876	3.921	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.563	65	15886	3.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.640	46	59016	32.194	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.380%
24) Chloroform-d	5.055	84	77453	4.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	5.695	65	36387	4.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.721	84	141060	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.682	67	43117	3.963	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.200%
41) Toluene-d8	7.891	98	121953	3.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.177	79	11129	2.842	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.800%
46) 2-Hexanone-d5	8.631	63	50123	32.446	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.900%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	36483	4.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	46564	5.003	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	9113	0.832	ug/L	82
12) 1,1-Dichloroethene	2.576	96	3082	0.386	ug/L	# 1
17) Methyl tert-butyl Ether	3.357	73	8905	0.493	ug/L	97
19) 1,1-Dichloroethane	3.862	63	12744	0.767	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	10978	1.199	ug/L	82
34) Trichloroethene	6.537	95	13192	1.395	ug/L	94

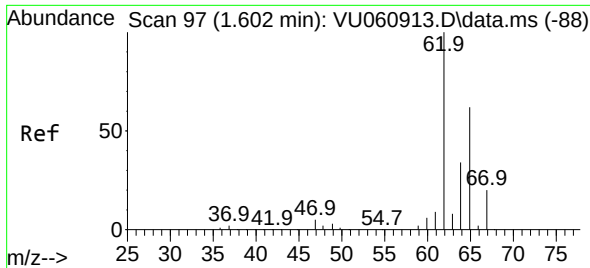
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
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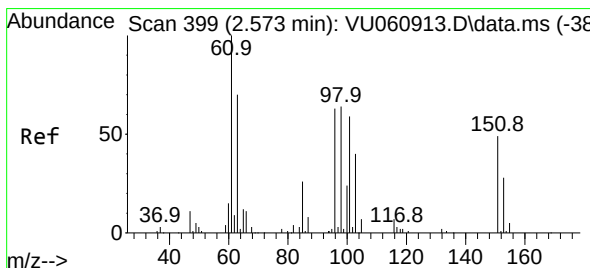
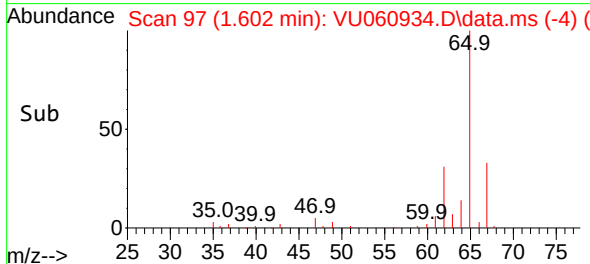
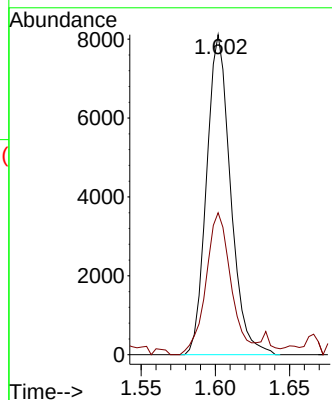
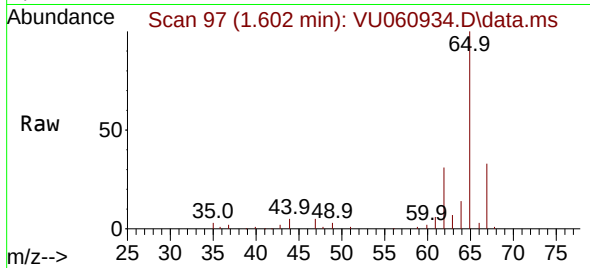




#5
 Vinyl chloride
 Concen: 0.832 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU060934.D
 Acq: 20 Sep 2024 08:15

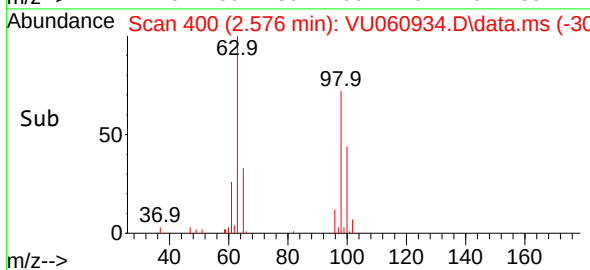
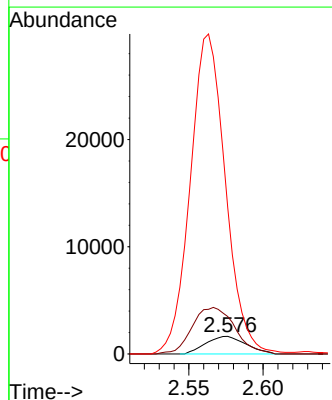
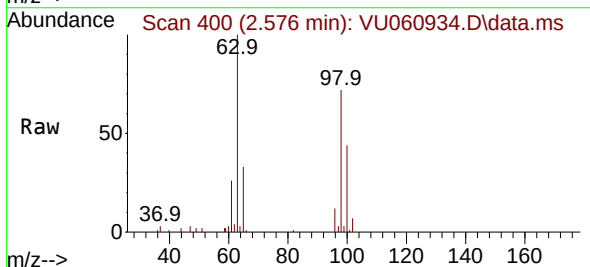
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8Q4

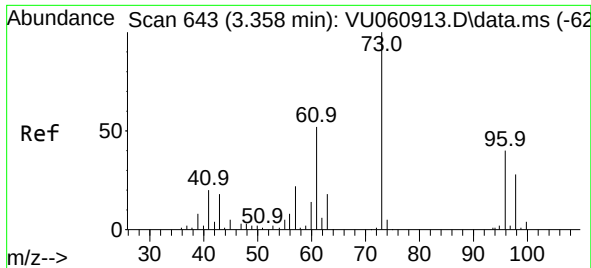
Tgt Ion: 62 Resp: 9113
 Ion Ratio Lower Upper
 62 100
 64 44.4 24.0 44.6



#12
 1,1-Dichloroethene
 Concen: 0.386 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060934.D
 Acq: 20 Sep 2024 08:15

Tgt Ion: 96 Resp: 3082
 Ion Ratio Lower Upper
 96 100
 61 213.6 120.7 224.1
 63 835.0 90.0 167.2#

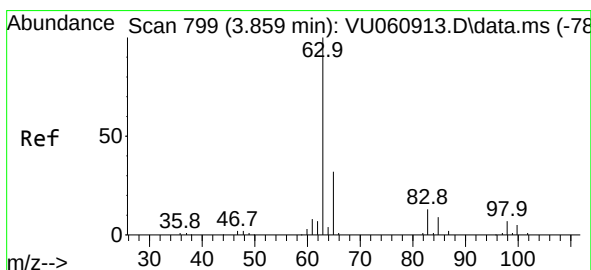
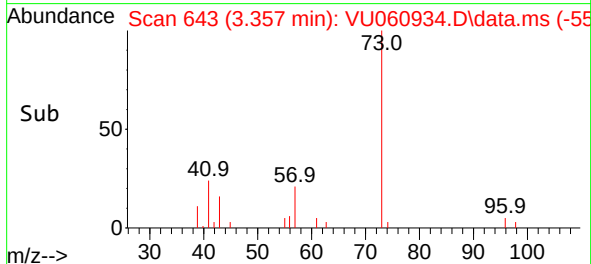
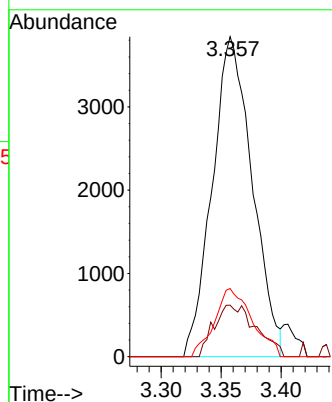
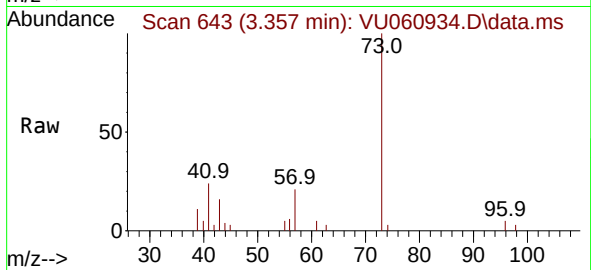




#17
Methyl tert-butyl Ether
Concen: 0.493 ug/L
RT: 3.357 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU060934.D
Acq: 20 Sep 2024 08:15

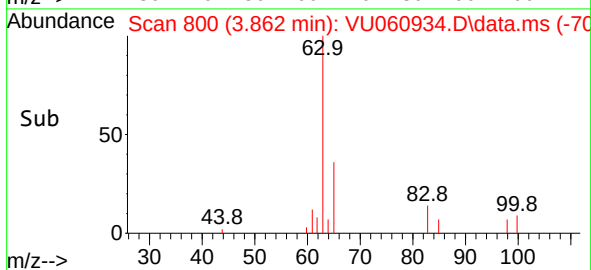
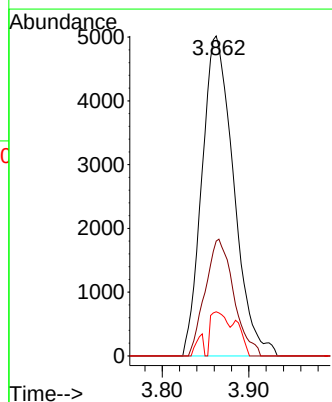
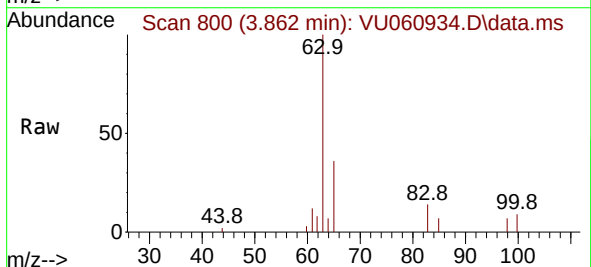
Instrument :
MSVOA_U
ClientSampleId :
BH8Q4

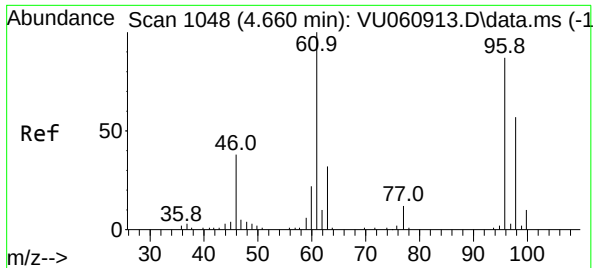
Tgt Ion: 73	Resp:	8905	
Ion	Ratio	Lower	Upper
73	100		
43	17.0	13.8	20.8
57	20.1	18.0	27.0



#19
1,1-Dichloroethane
Concen: 0.767 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU060934.D
Acq: 20 Sep 2024 08:15

Tgt Ion: 63	Resp:	12744	
Ion Ratio	Lower	Upper	
63	100		
65	35.9	23.0	42.8
83	13.8	9.0	16.6





#22

cis-1,2-Dichloroethene

Concen: 1.199 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU060934.D

Acq: 20 Sep 2024 08:15

Instrument :

MSVOA_U

ClientSampleId :

BH8Q4

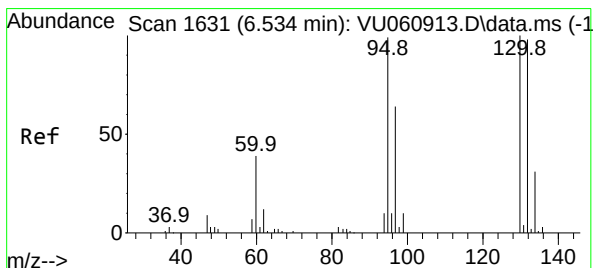
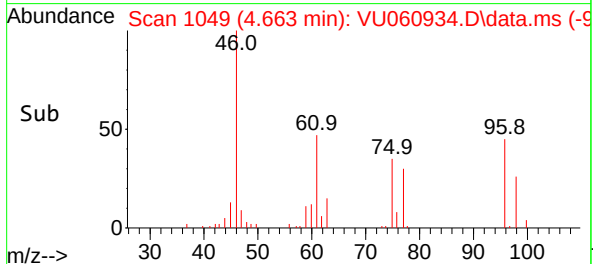
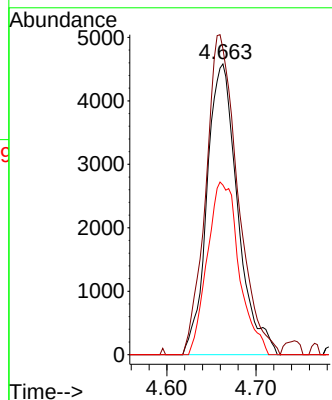
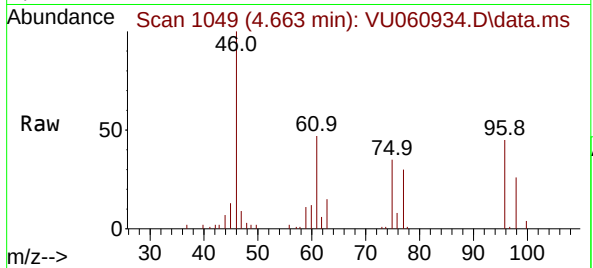
Tgt Ion: 96 Resp: 10978

Ion Ratio Lower Upper

96 100

61 102.5 89.7 166.5

98 56.8 45.1 83.9



#34

Trichloroethene

Concen: 1.395 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU060934.D

Acq: 20 Sep 2024 08:15

Tgt Ion: 95 Resp: 13192

Ion Ratio Lower Upper

95 100

97 55.6 44.9 83.5

132 88.9 63.5 117.9

130 93.5 70.2 130.4

