

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059321.D
 Acq On : 18 Jun 2024 19:08
 Operator : MD/SY
 Sample : P2856-13
 Misc : 4.35g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 05:37:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

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

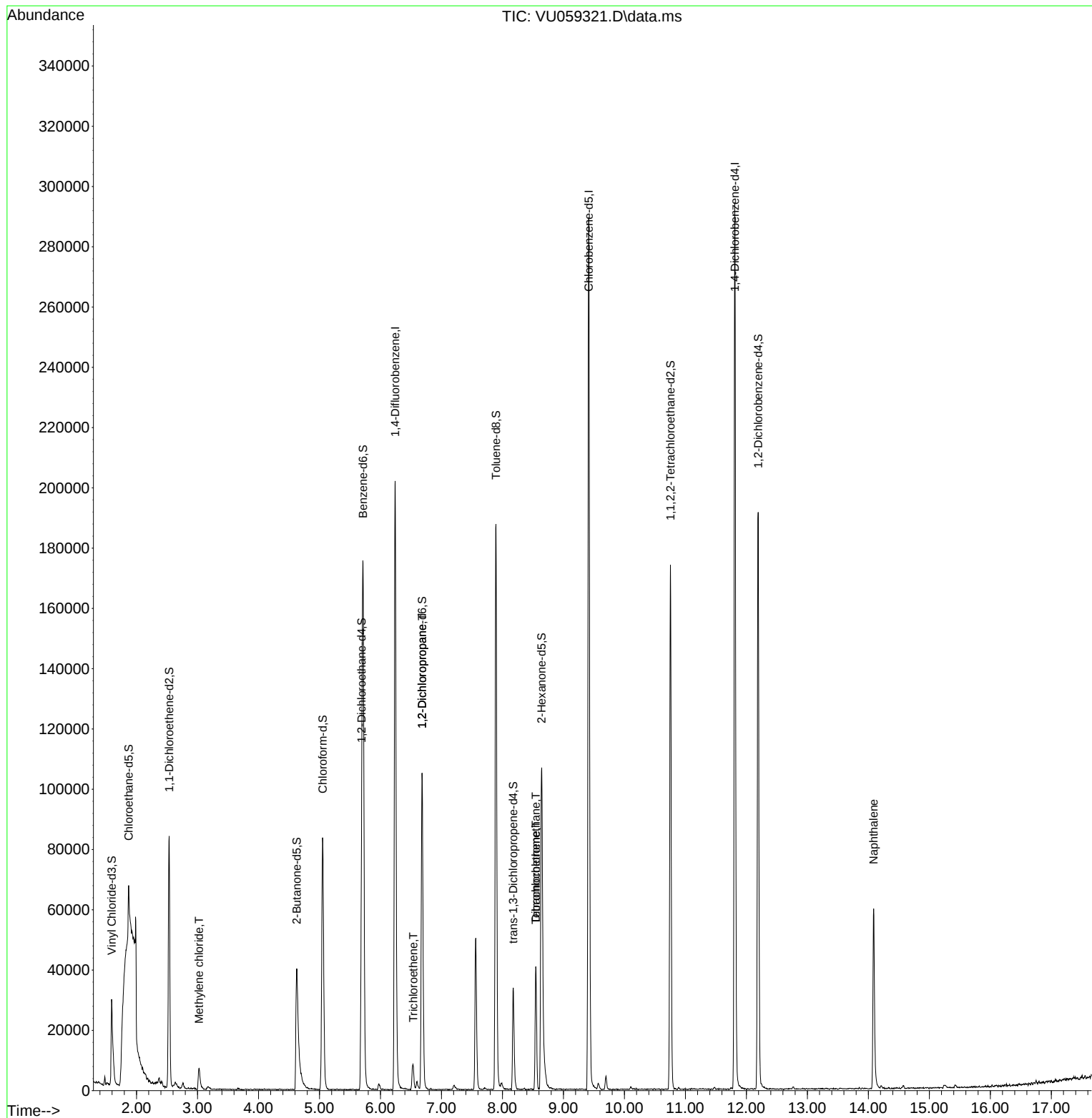
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173445	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	177249	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	83493	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36018	34.683	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.360%
7) Chloroethane-d5	1.872	69	21005	23.612	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.220%#
11) 1,1-Dichloroethene-d2	2.534	63	50583	24.677	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.360%#
21) 2-Butanone-d5	4.628	46	68067	69.538	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.540%
24) Chloroform-d	5.052	84	80512	38.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.880%
26) 1,2-Dichloroethane-d4	5.692	65	53197	41.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.960%
32) Benzene-d6	5.714	84	161052	39.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.180%
36) 1,2-Dichloropropane-d6	6.682	67	53649	38.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.500%
41) Toluene-d8	7.894	98	136508	39.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.060%#
43) trans-1,3-Dichloroprop...	8.177	79	21254	37.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.980%
47) 2-Hexanone-d5	8.643	63	46105	71.079	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.080%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	90164	37.981	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	75.960%
66) 1,2-Dichlorobenzene-d4	12.193	152	53348	42.815	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.640%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.026	84	4464	2.692	ug/L	88
34) Trichloroethene	6.541	95	2313	1.476	ug/L	92
37) 1,2-Dichloropropane	6.682	63	5372	2.956	ug/L #	90
46) Tetrachloroethene	8.550	164	9923	9.506	ug/L	79
49) Dibromochloromethane	8.547	129	8695	5.888	ug/L #	11
71) Naphthalene	14.087	128	54669	11.927	ug/L	99

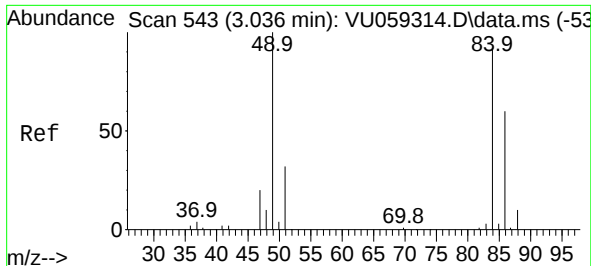
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

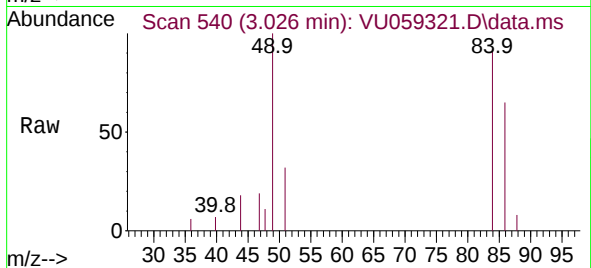
Quant Time: Jun 19 05:37:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
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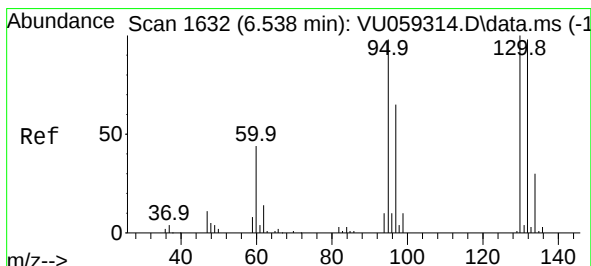
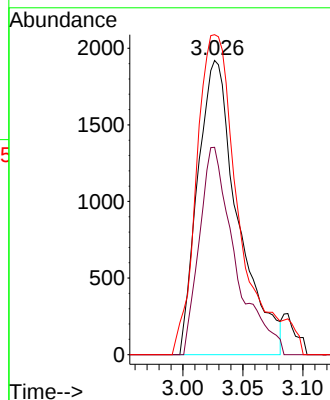
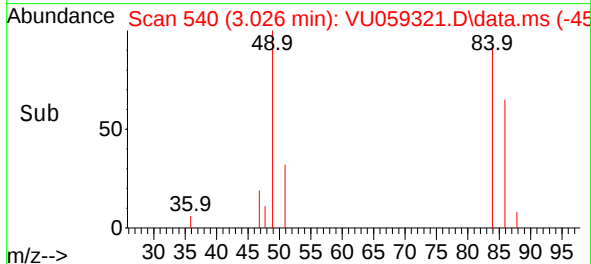


#16
Methylene chloride
Concen: 2.692 ug/L
RT: 3.026 min Scan# 54
Delta R.T. -0.010 min
Lab File: VU059321.D
Acq: 18 Jun 2024 19:08

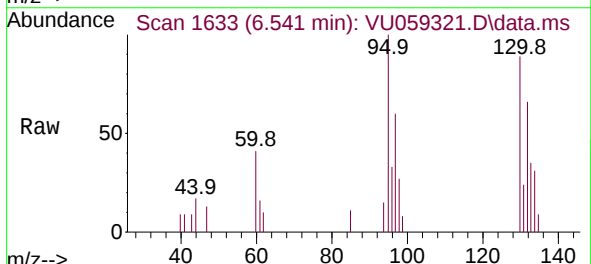
Instrument :
MSVOA_U
ClientSampleId :



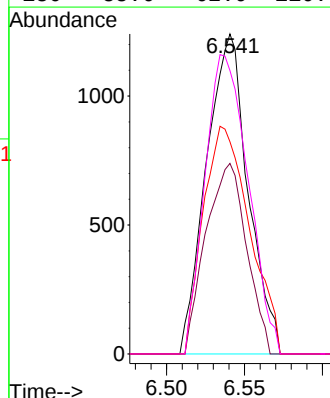
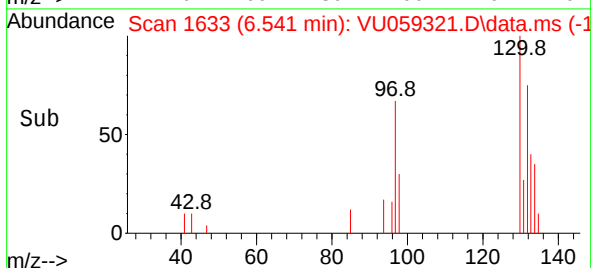
Tgt Ion: 84 Resp: 4464
Ion Ratio Lower Upper
84 100
86 70.5 44.9 83.3
49 108.7 87.5 162.5

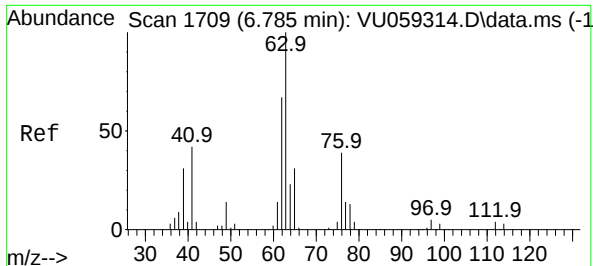


#34
Trichloroethene
Concen: 1.476 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU059321.D
Acq: 18 Jun 2024 19:08



Tgt Ion: 95 Resp: 2313
Ion Ratio Lower Upper
95 100
97 59.5 45.2 84.0
132 101.6 60.6 112.6
130 88.6 62.9 116.7

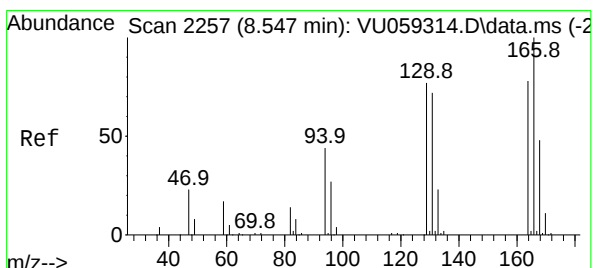
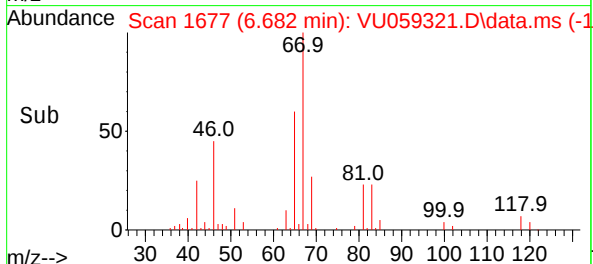
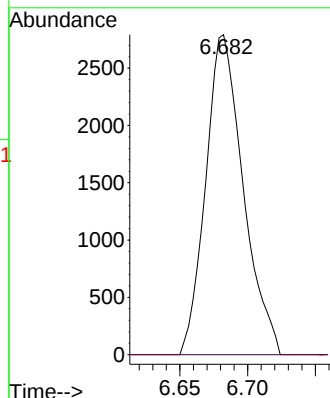
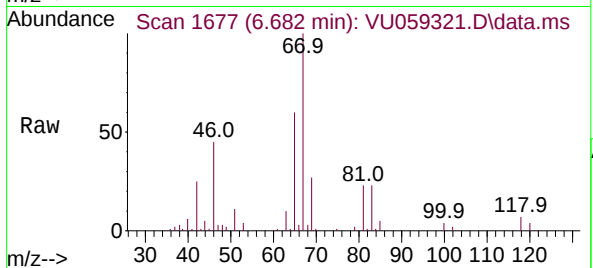




#37
1,2-Dichloropropane
Concen: 2.956 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059321.D
Acq: 18 Jun 2024 19:08

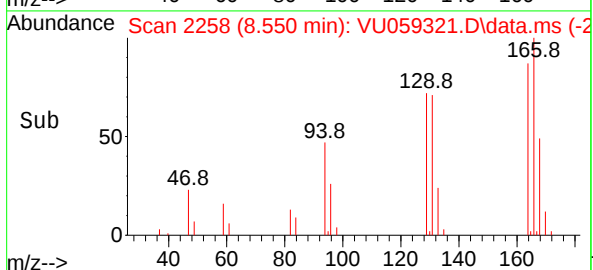
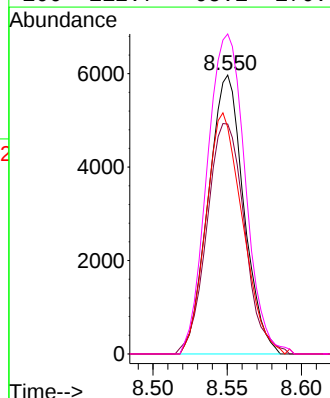
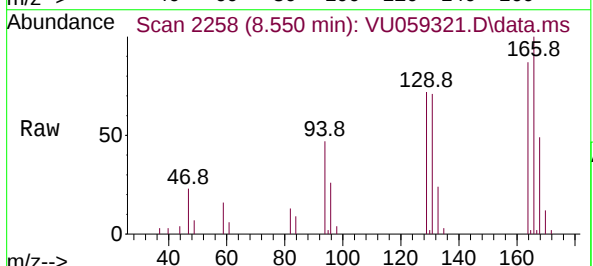
Instrument :
MSVOA_U
ClientSampleId :

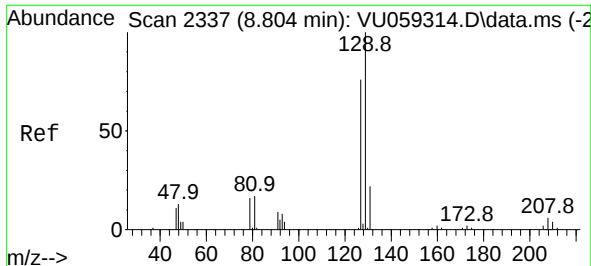
Tgt Ion: 63 Resp: 5372
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#46
Tetrachloroethene
Concen: 9.506 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU059321.D
Acq: 18 Jun 2024 19:08

Tgt Ion: 164 Resp: 9923
Ion Ratio Lower Upper
164 100
129 80.9 74.5 138.5
131 79.8 70.6 131.0
166 112.7 95.1 176.7





#49

Dibromochloromethane

Concen: 5.888 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU059321.D

Acq: 18 Jun 2024 19:08

Instrument :

MSVOA_U

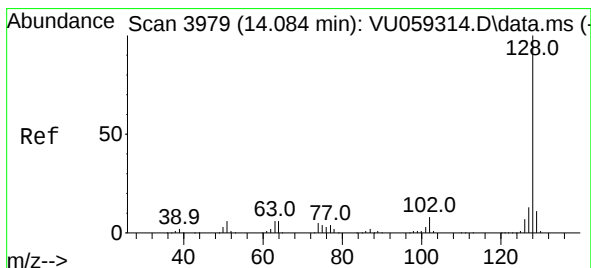
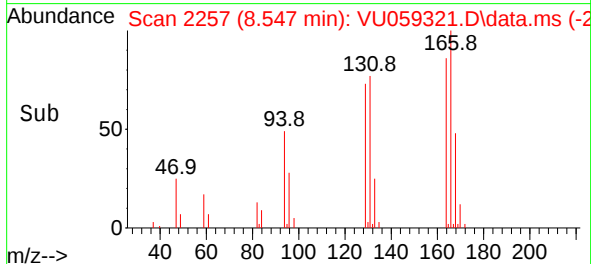
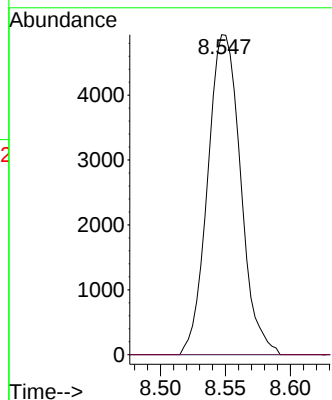
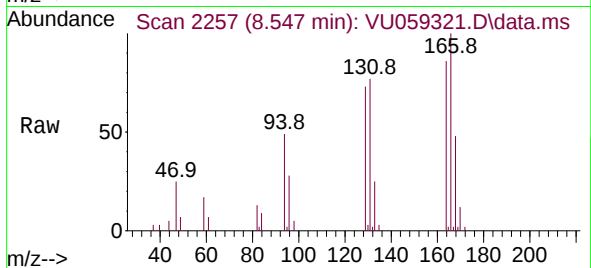
ClientSampleId :

Tgt Ion:129 Resp: 8695

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



#71

Naphthalene

Concen: 11.927 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. 0.003 min

Lab File: VU059321.D

Acq: 18 Jun 2024 19:08

Tgt Ion:128 Resp: 54669

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.8 8.5 12.7

