

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059311.D
 Acq On : 18 Jun 2024 14:50
 Operator : MD/SY
 Sample : P2850-17ME
 Misc : 5.23g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 04:41:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:23:30 2024
 Response via : Initial Calibration

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

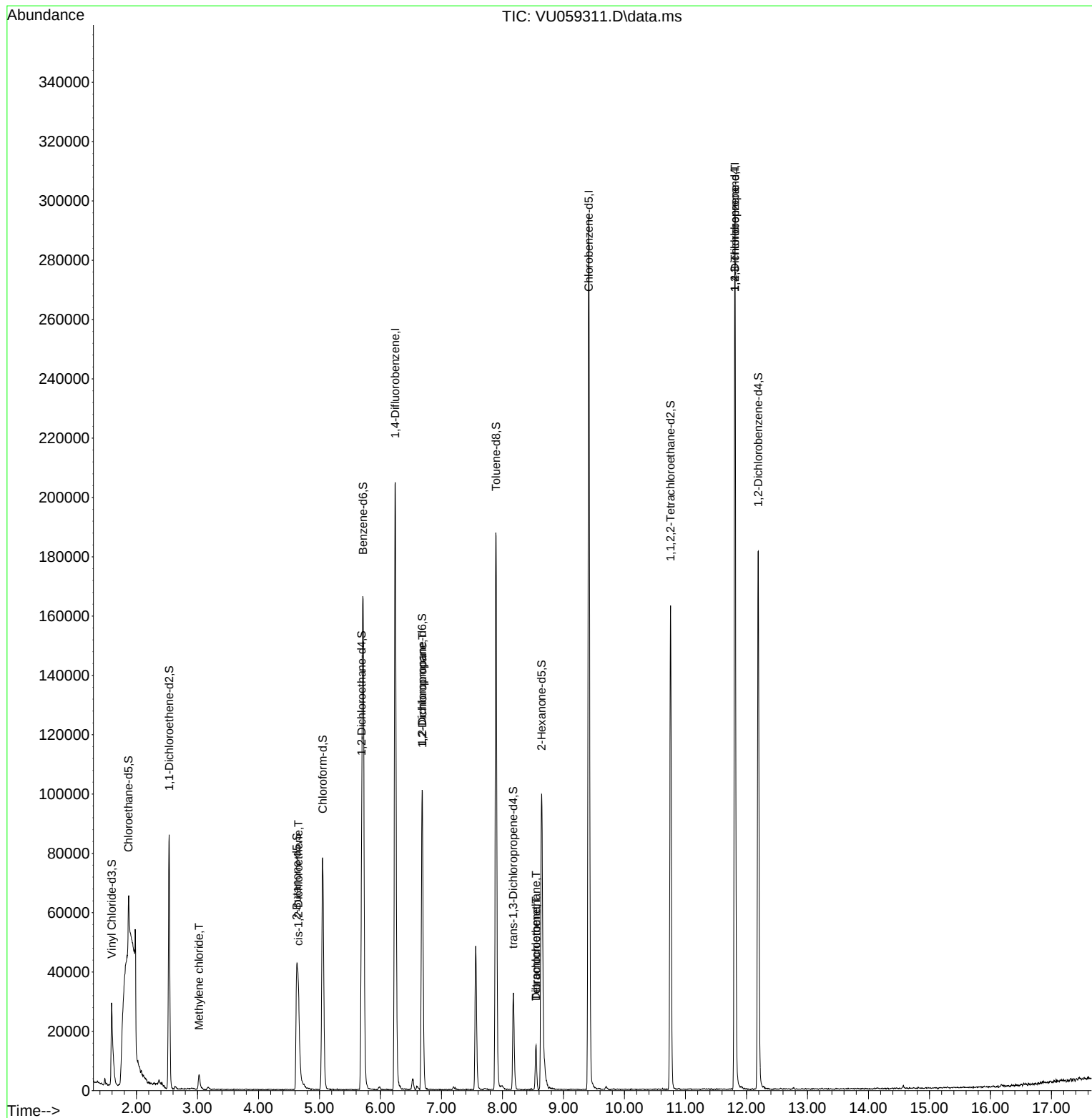
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	172672	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	178674	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	84200	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	36412	35.219	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	70.440%		
7) Chloroethane-d5	1.869	69	19175	21.651	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	43.300%#		
11) 1,1-Dichloroethene-d2	2.535	63	50650	24.820	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	49.640%#		
21) 2-Butanone-d5	4.628	46	67740	69.514	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	69.510%		
24) Chloroform-d	5.052	84	75769	36.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.620%		
26) 1,2-Dichloroethane-d4	5.692	65	50826	40.292	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.580%		
32) Benzene-d6	5.714	84	157051	38.297	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.600%		
36) 1,2-Dichloropropane-d6	6.682	67	52747	37.304	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	74.600%		
41) Toluene-d8	7.894	98	134139	38.532	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.060%#		
43) trans-1,3-Dichloroprop...	8.177	79	20013	35.015	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.040%		
47) 2-Hexanone-d5	8.640	63	42671	65.260	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	65.260%		
56) 1,1,2,2-Tetrachloroeth...	10.756	84	85584	35.764	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	71.520%		
66) 1,2-Dichlorobenzene-d4	12.193	152	52041	41.416	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.840%		
Target Compounds						Qvalue
16) Methylene chloride	3.026	84	3025	1.832	ug/L	90
20) cis-1,2-Dichloroethene	4.657	96	10224	6.813	ug/L	86
37) 1,2-Dichloropropane	6.685	63	5354	2.922	ug/L #	90
46) Tetrachloroethene	8.550	164	3446	3.275	ug/L	96
49) Dibromochloromethane	8.550	129	3500	2.351	ug/L #	11
60) 1,2,3-Trichloropropane	11.811	75	9800	4.185	ug/L #	69

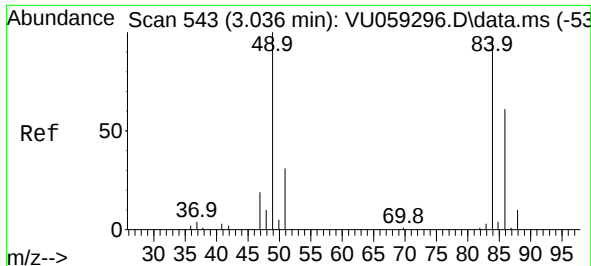
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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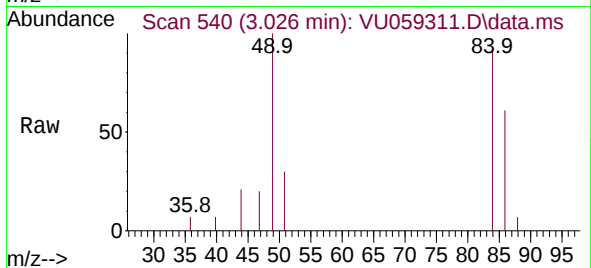
Quant Time: Jun 19 04:41:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
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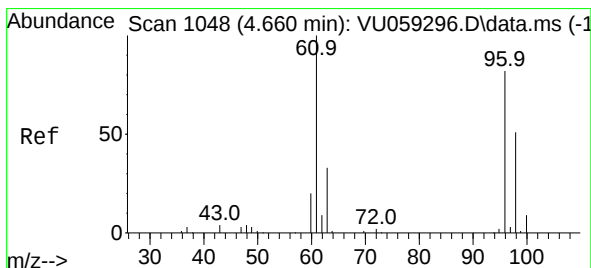
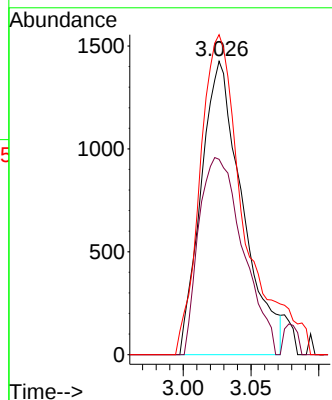
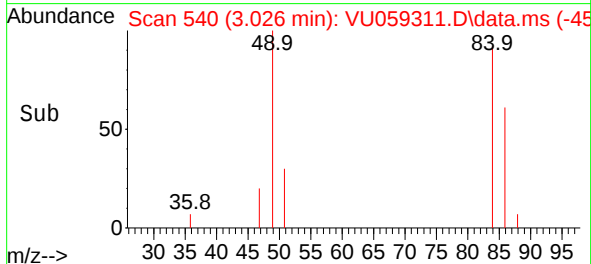


#16
Methylene chloride
Concen: 1.832 ug/L
RT: 3.026 min Scan# 543
Delta R.T. -0.010 min
Lab File: VU059311.D
Acq: 18 Jun 2024 14:50

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MSVOA_U
ClientSampleId :

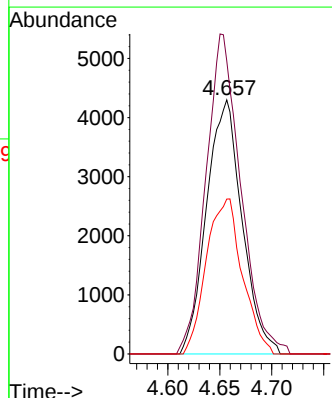
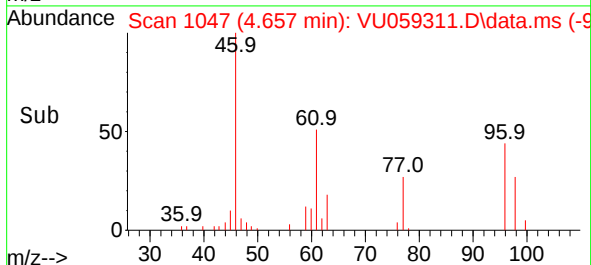
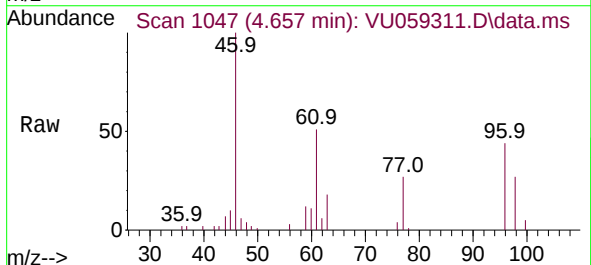


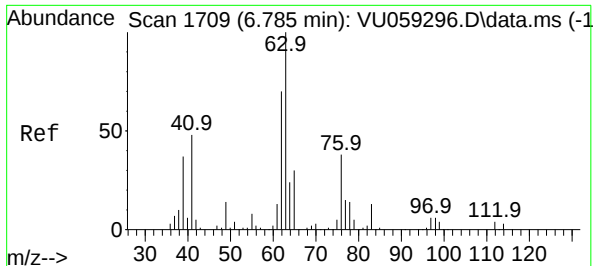
Tgt Ion: 84 Resp: 3025
Ion Ratio Lower Upper
84 100
86 66.5 44.9 83.3
49 109.0 87.5 162.5



#20
cis-1,2-Dichloroethene
Concen: 6.813 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU059311.D
Acq: 18 Jun 2024 14:50

Tgt Ion: 96 Resp: 10224
Ion Ratio Lower Upper
96 100
61 115.3 96.2 178.6
98 61.0 45.6 84.6

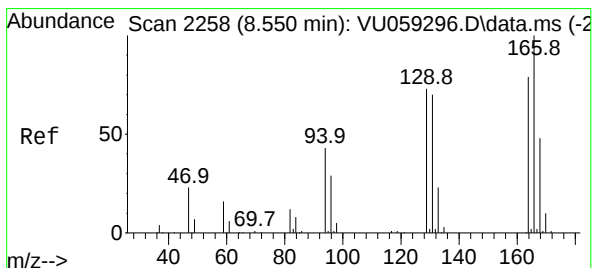
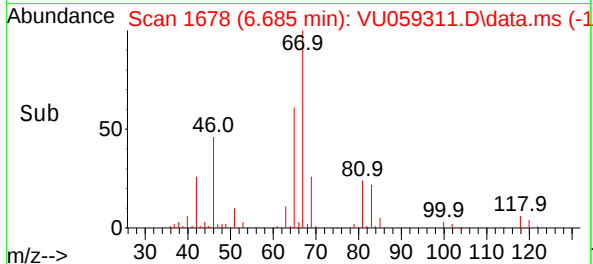
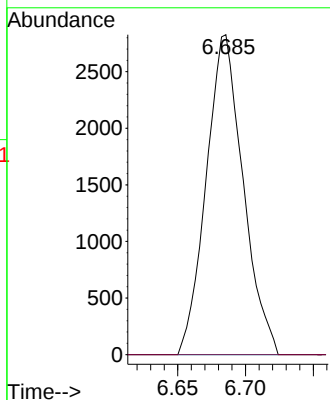
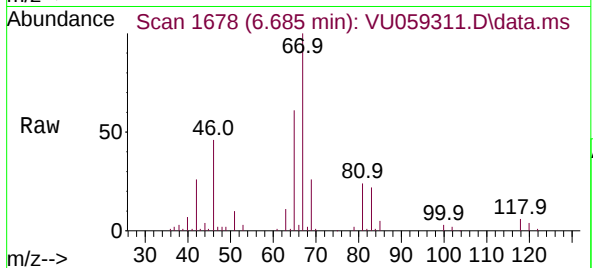




#37
1,2-Dichloropropane
Concen: 2.922 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059311.D
Acq: 18 Jun 2024 14:50

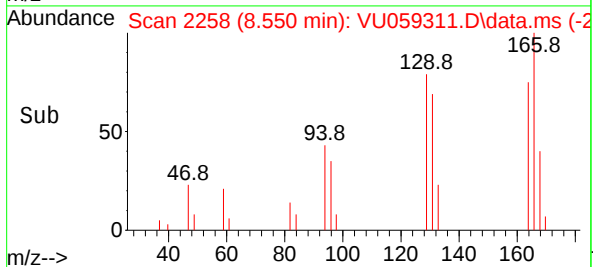
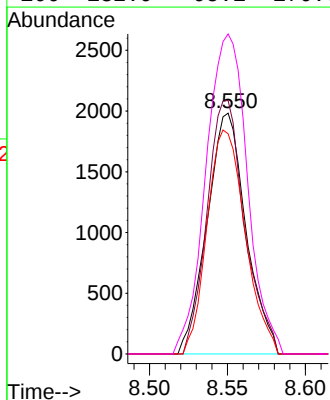
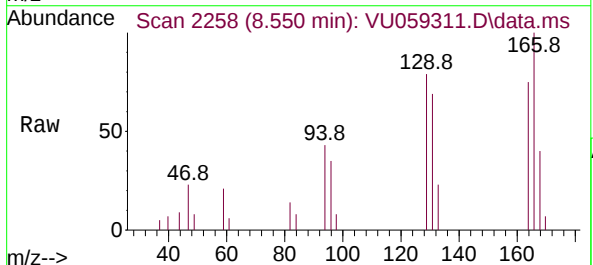
Instrument :
MSVOA_U
ClientSampleId :

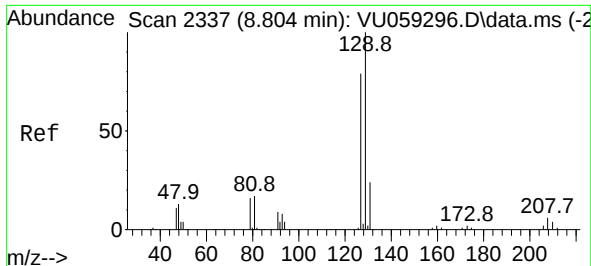
Tgt Ion: 63 Resp: 5354
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#46
Tetrachloroethene
Concen: 3.275 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU059311.D
Acq: 18 Jun 2024 14:50

Tgt Ion:164 Resp: 3446
Ion Ratio Lower Upper
164 100
129 105.2 74.5 138.5
131 91.4 70.6 131.0
166 132.9 95.1 176.7





#49

Dibromochloromethane

Concen: 2.351 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU059311.D

Acq: 18 Jun 2024 14:50

Instrument :

MSVOA_U

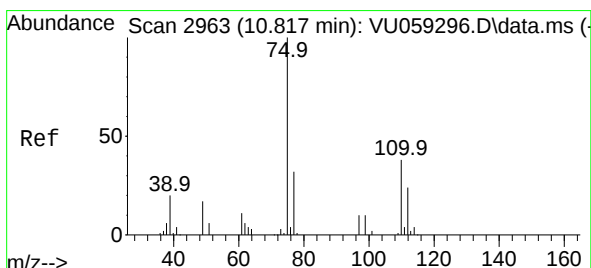
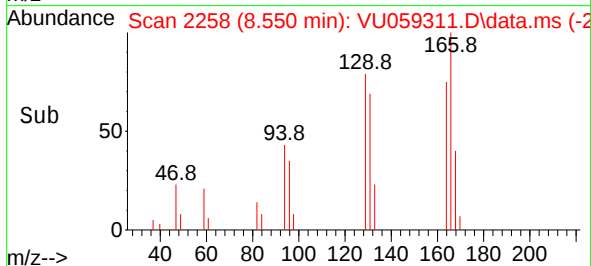
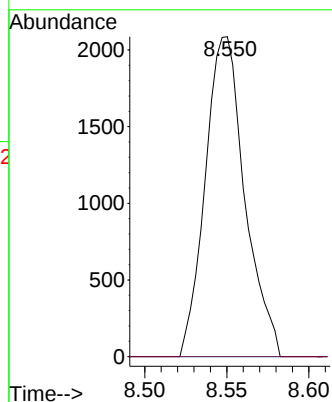
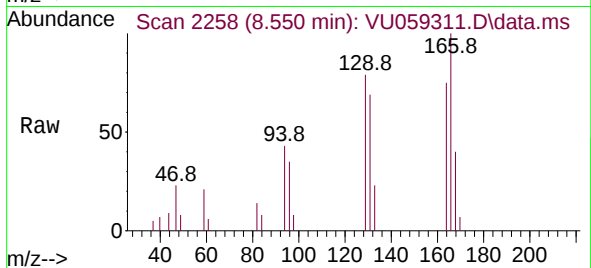
ClientSampleId :

Tgt Ion:129 Resp: 3500

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



#60

1,2,3-Trichloropropane

Concen: 4.185 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU059311.D

Acq: 18 Jun 2024 14:50

Tgt Ion: 75 Resp: 9800

Ion Ratio Lower Upper

75 100

77 33.2 26.2 39.2

110 0.8 28.4 42.6#

