

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121423\
 Data File : VU056828.D
 Acq On : 14 Dec 2023 10:52
 Operator : MD/SY
 Sample : VU1214WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 15 00:50:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 00:49:12 2023
 Response via : Initial Calibration

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

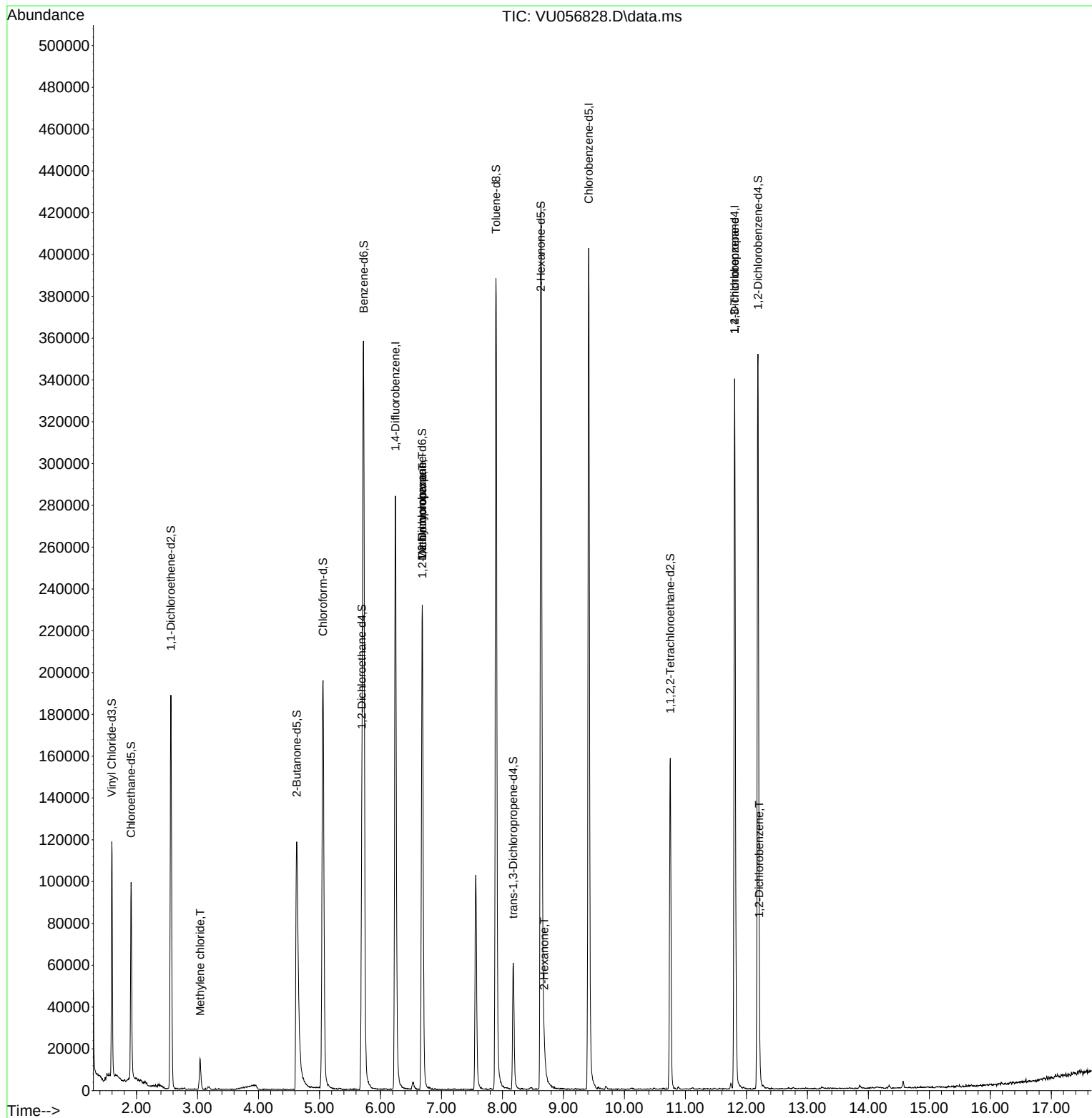
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	228925	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	237841	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	92713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	80448	4.100	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.000%	
7) Chloroethane-d5	1.911	69	70434	4.797	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.563	65	37330	4.446	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	4.628	46	207130	53.450	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.900%	
24) Chloroform-d	5.058	84	190073	5.115	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.695	65	92276	5.248	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.000%	
32) Benzene-d6	5.724	84	347548	4.711	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
36) 1,2-Dichloropropane-d6	6.685	67	113837	4.930	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.894	98	273124	4.142	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.800%	
43) trans-1,3-Dichloroprop...	8.177	79	40401	4.512	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.631	63	148920	44.095	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.180%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79522	4.760	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	93772	5.145	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.046	84	6546	0.323	ug/L	99
35) Methylcyclohexane	6.685	83	27346	0.808	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	12861	0.601	ug/L #	88
48) 2-Hexanone	8.685	43	5193	0.718	ug/L #	76
61) 1,2,3-Trichloropropane	11.807	75	12309	1.236	ug/L #	71
67) 1,2-Dichlorobenzene	12.212	146	5149	0.163	ug/L	96

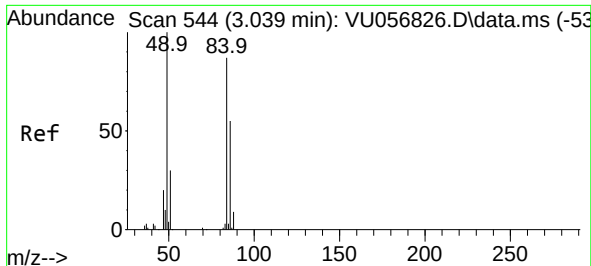
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
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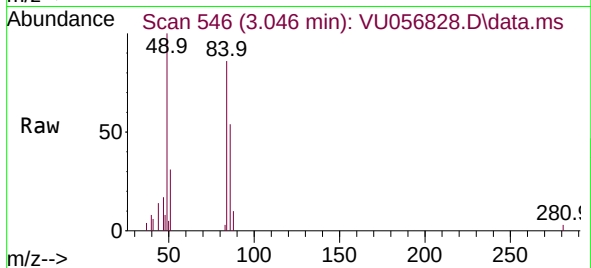
Quant Time: Dec 15 00:50:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
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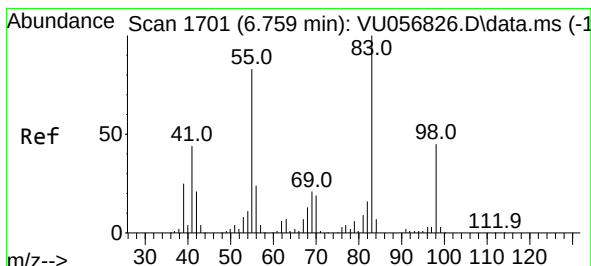
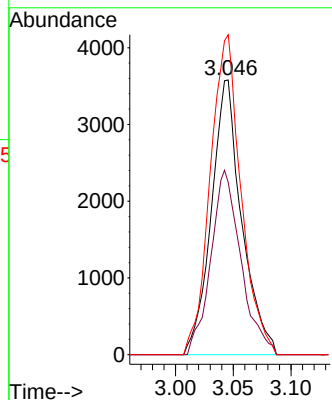
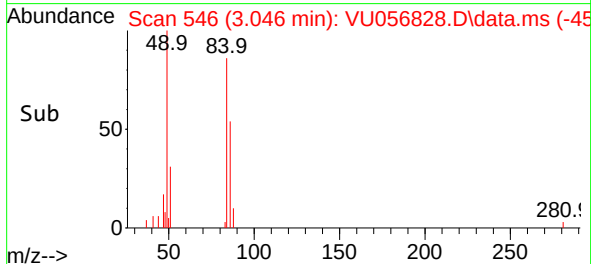


#16
Methylene chloride
Concen: 0.323 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.006 min
Lab File: VU056828.D
Acq: 14 Dec 2023 10:52

Instrument :
MSVOA_U
ClientSampleId :

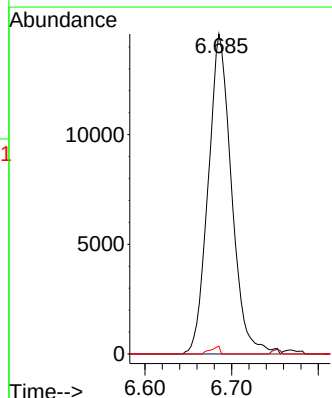
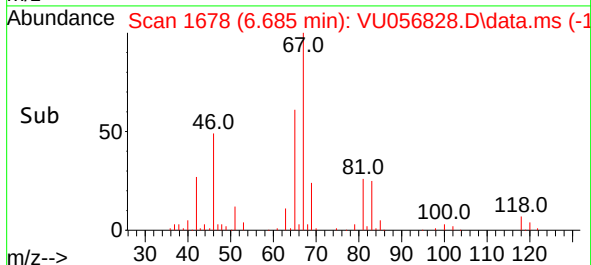
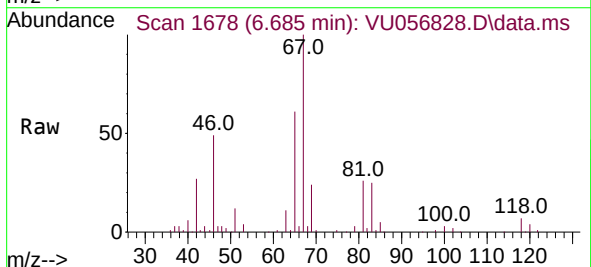


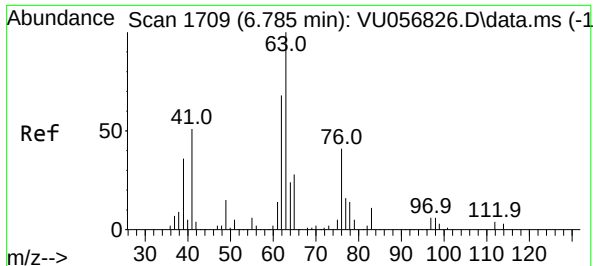
Tgt Ion: 84 Resp: 6546
Ion Ratio Lower Upper
84 100
86 62.7 43.6 81.0
49 116.4 80.6 149.6



#35
Methylcyclohexane
Concen: 0.808 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056828.D
Acq: 14 Dec 2023 10:52

Tgt Ion: 83 Resp: 27346
Ion Ratio Lower Upper
83 100
55 0.5 64.6 97.0#
98 0.9 36.1 54.1#

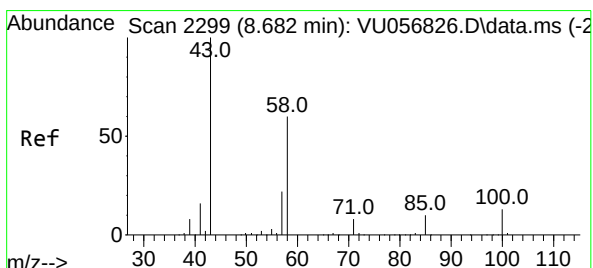
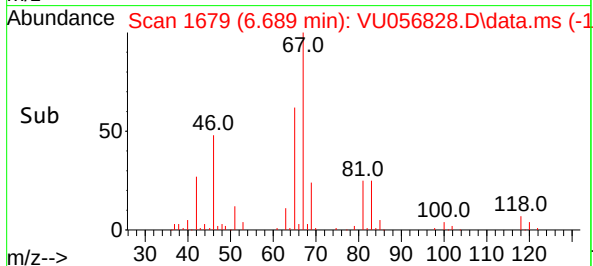
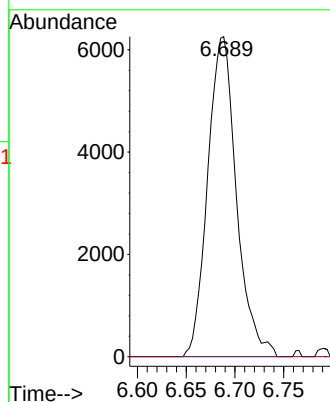
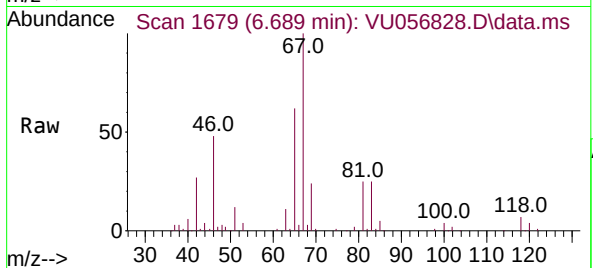




#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.689 min Scan# 11
Delta R.T. -0.097 min
Lab File: VU056828.D
Acq: 14 Dec 2023 10:52

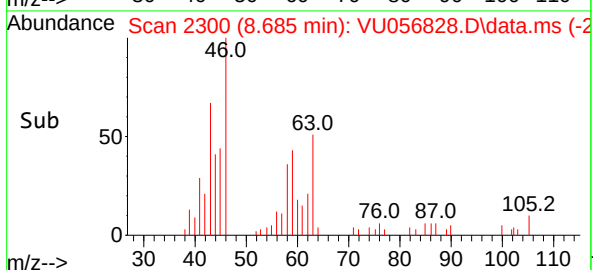
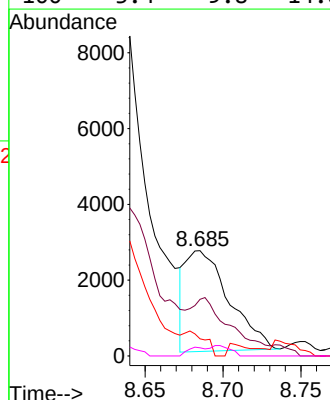
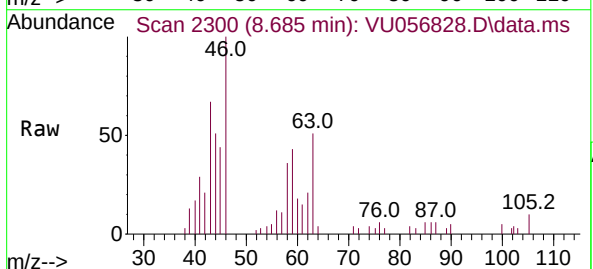
Instrument :
MSVOA_U
ClientSampleId :

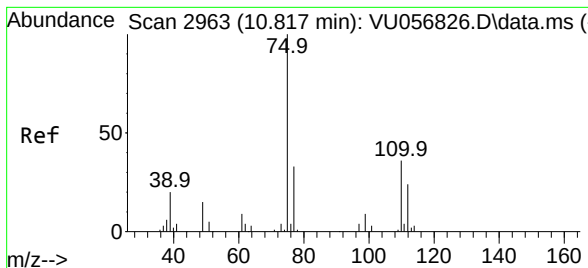
Tgt Ion: 63 Resp: 12861
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#48
2-Hexanone
Concen: 0.718 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU056828.D
Acq: 14 Dec 2023 10:52

Tgt Ion: 43 Resp: 5193
Ion Ratio Lower Upper
43 100
58 39.7 47.5 71.3#
57 11.7 17.0 25.4#
100 3.4 9.8 14.8#





#61

1,2,3-Trichloropropane

Concen: 1.236 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU056828.D

Acq: 14 Dec 2023 10:52

Instrument :

MSVOA_U

ClientSampleId :

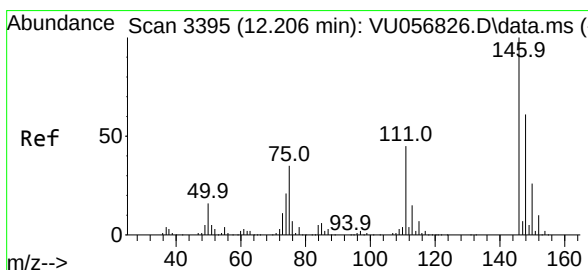
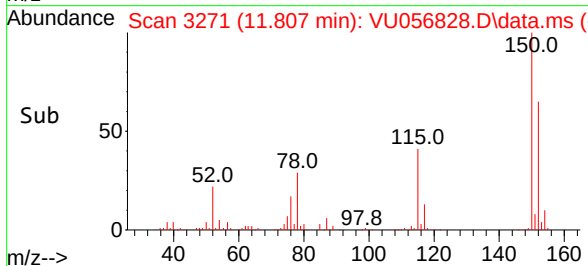
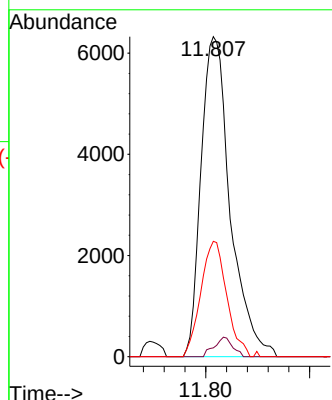
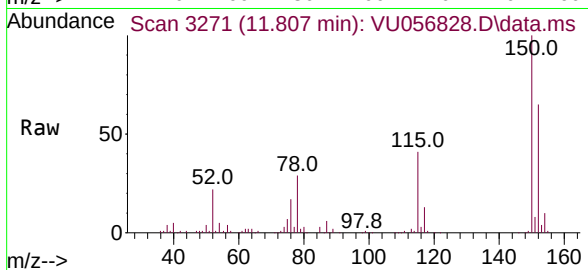
Tgt Ion: 75 Resp: 12309

Ion Ratio Lower Upper

75 100

110 3.8 28.4 42.6#

77 32.0 26.3 39.5



#67

1,2-Dichlorobenzene

Concen: 0.163 ug/L

RT: 12.212 min Scan# 3397

Delta R.T. 0.006 min

Lab File: VU056828.D

Acq: 14 Dec 2023 10:52

Tgt Ion:146 Resp: 5149

Ion Ratio Lower Upper

146 100

111 48.3 36.9 55.3

148 62.6 53.0 79.4

