

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW029998.D
 Acq On : 30 Jan 2023 17:47
 Operator : SY/MD
 Sample : 01314-11DL 40X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 31 02:20:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

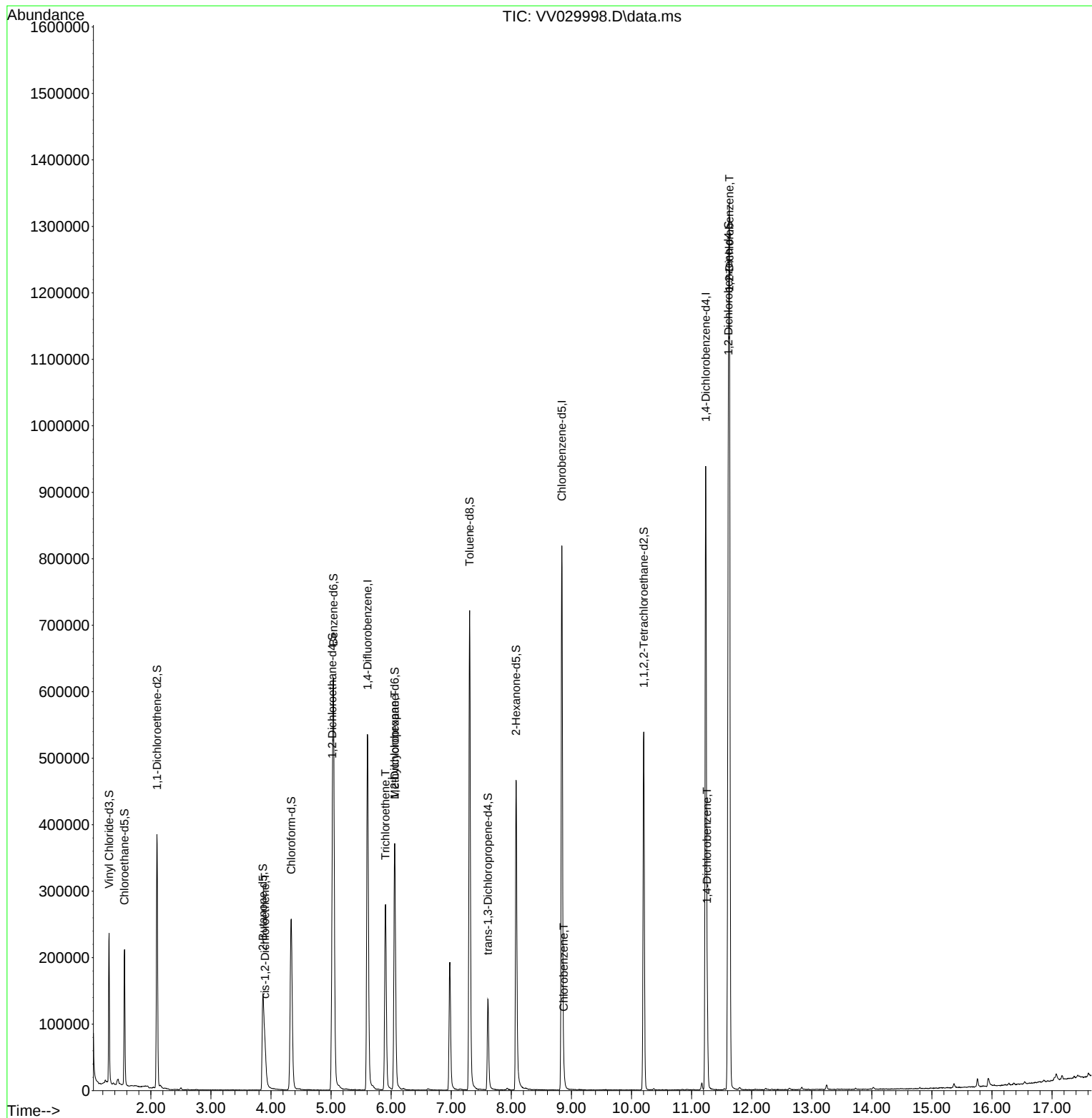
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	480975	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	464903	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	249846	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	143492	42.815	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.640%	
7) Chloroethane-d5	1.561	69	135508	48.064	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	96.120%	
11) 1,1-Dichloroethene-d2	2.101	63	200820	33.719	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	67.440%	
21) 2-Butanone-d5	3.863	46	215986	110.597	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	110.600%	
24) Chloroform-d	4.336	84	275041	44.139	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.280%	
26) 1,2-Dichloroethane-d4	5.021	65	164091	47.037	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.080%	
32) Benzene-d6	5.040	84	575633	46.280	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.560%	
36) 1,2-Dichloropropane-d6	6.059	67	195930	51.175	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	102.340%	
41) Toluene-d8	7.307	98	497340	43.632	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	87.260%	
43) trans-1,3-Dichloroprop...	7.609	79	81868	48.141	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.280%	
47) 2-Hexanone-d5	8.079	63	175418	106.559	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	106.560%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	276477	46.664	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	93.320%	
66) 1,2-Dichlorobenzene-d4	11.612	152	201077	45.168	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.340%	
Target Compounds						
20) cis-1,2-Dichloroethene	3.902	96	21690	5.722	ug/L	99
34) Trichloroethene	5.905	95	99948	28.412	ug/L	99
35) Methylcyclohexane	6.059	83	43950	7.734	ug/L #	22
51) Chlorobenzene	8.873	112	11552	1.127	ug/L	95
65) 1,4-Dichlorobenzene	11.259	146	52299	6.704	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	465272	61.381	ug/L	99

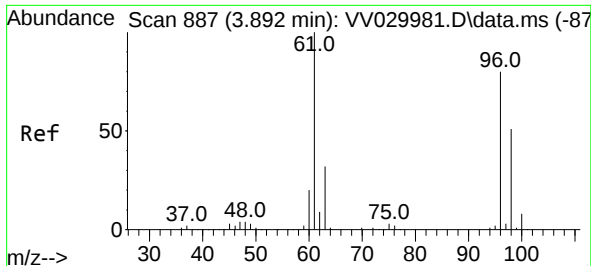
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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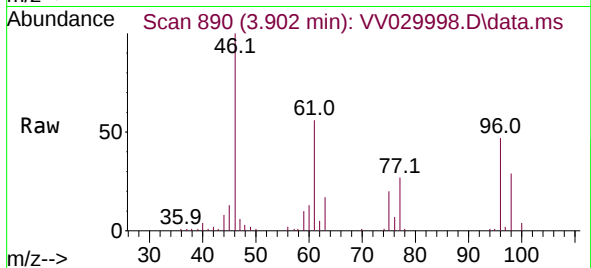
Quant Time: Jan 31 02:20:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 31 02:16:13 2023
Response via : Initial Calibration



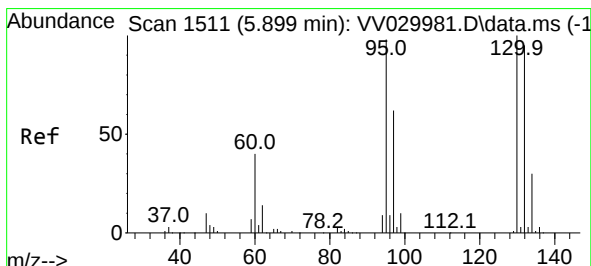
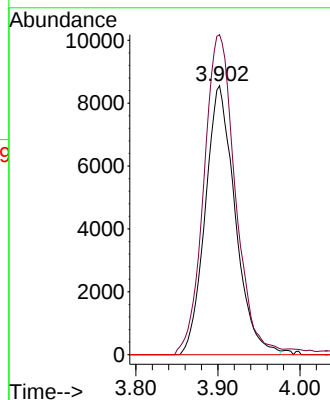
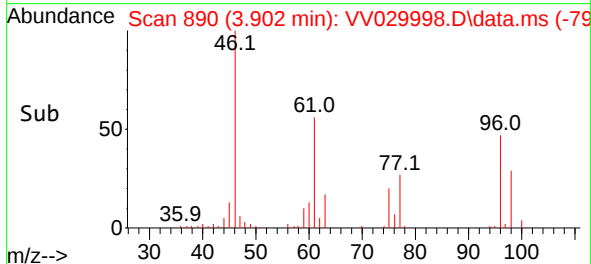


#20
 cis-1,2-Dichloroethene
 Concen: 5.722 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.009 min
 Lab File: VV029998.D
 Acq: 30 Jan 2023 17:47

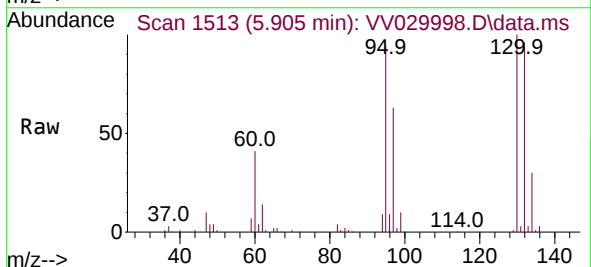
Instrument :
 MSVOA_V
 ClientSampleId :



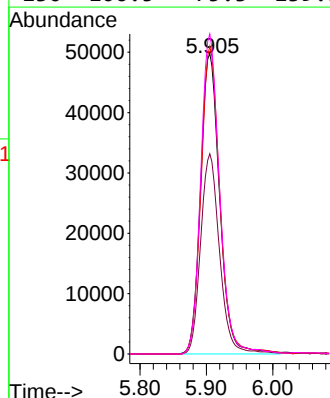
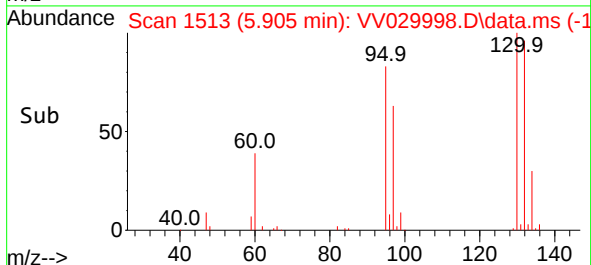
Tgt Ion: 96 Resp: 21690
 Ion Ratio Lower Upper
 96 100
 61 118.9 82.5 153.3
 68 0.0 0.0 0.0

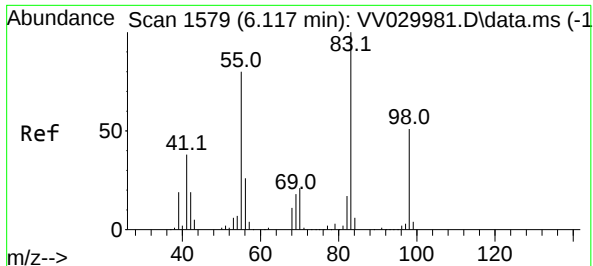


#34
 Trichloroethene
 Concen: 28.412 ug/L
 RT: 5.905 min Scan# 1513
 Delta R.T. 0.006 min
 Lab File: VV029998.D
 Acq: 30 Jan 2023 17:47



Tgt Ion: 95 Resp: 99948
 Ion Ratio Lower Upper
 95 100
 97 66.6 46.5 86.5
 132 102.4 71.8 133.4
 130 106.5 75.3 139.9





#35

Methylcyclohexane

Concen: 7.734 ug/L

RT: 6.059 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV029998.D

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Instrument :

MSVOA_V

ClientSampleId :

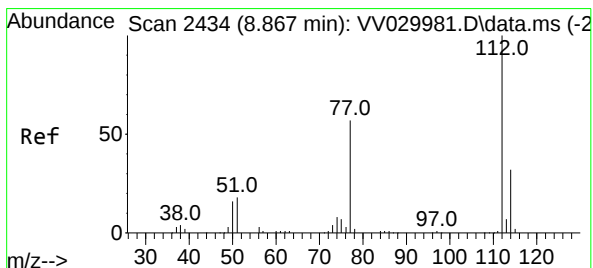
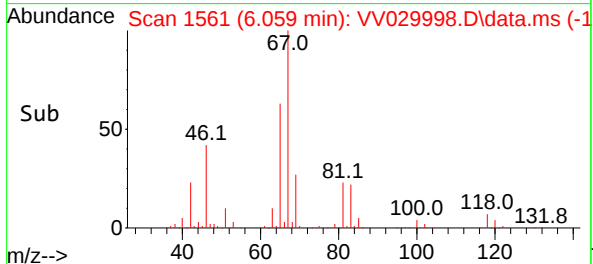
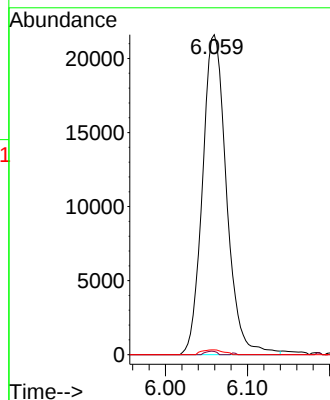
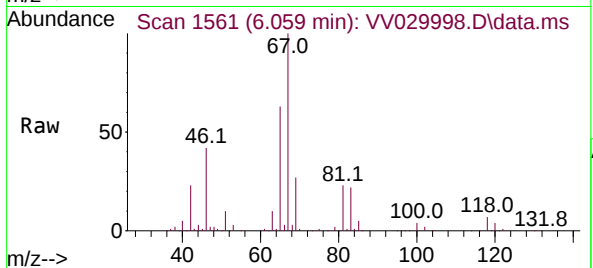
Tgt Ion: 83 Resp: 43950

Ion Ratio Lower Upper

83 100

55 0.5 56.2 84.2#

98 1.3 38.5 57.7#



#51

Chlorobenzene

Concen: 1.127 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. 0.006 min

Lab File: VV029998.D

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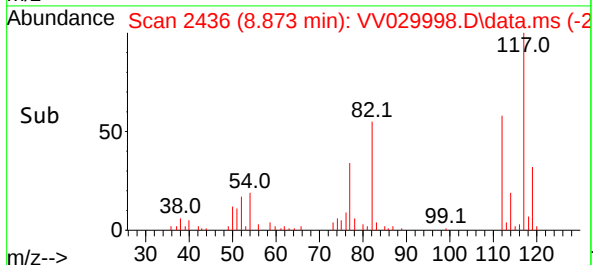
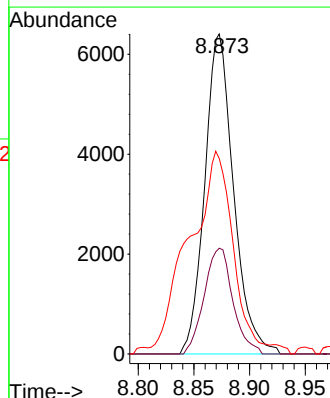
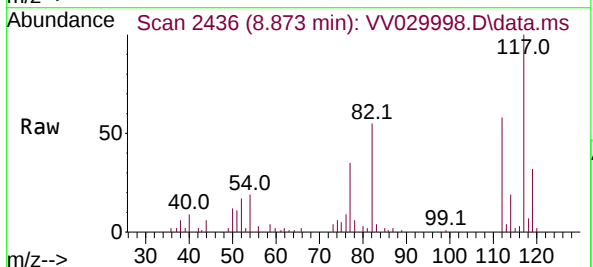
Tgt Ion: 112 Resp: 11552

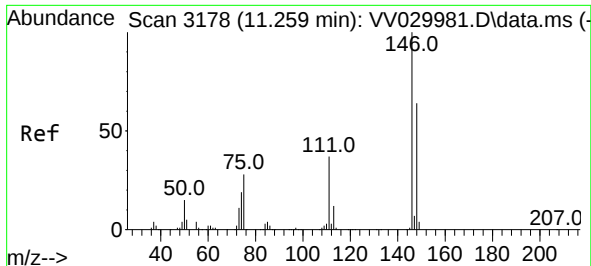
Ion Ratio Lower Upper

112 100

114 33.0 22.6 42.0

77 61.1 44.6 66.8

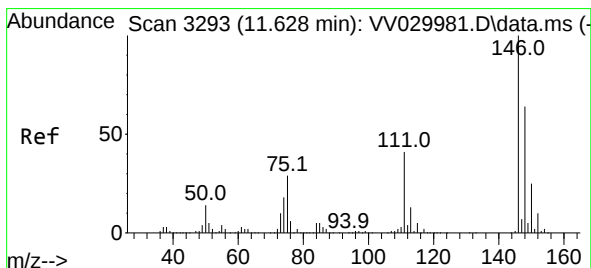
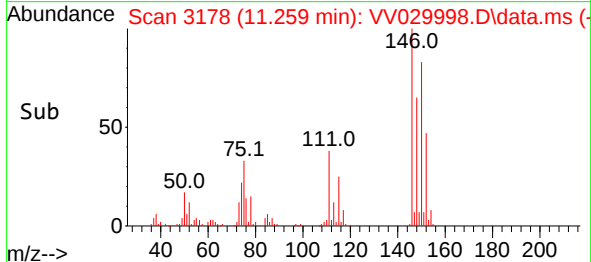
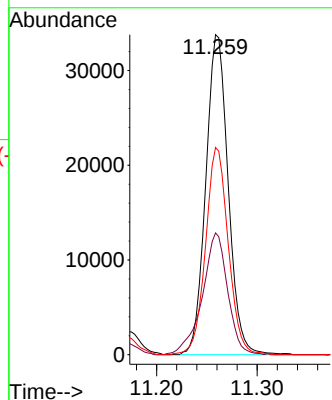
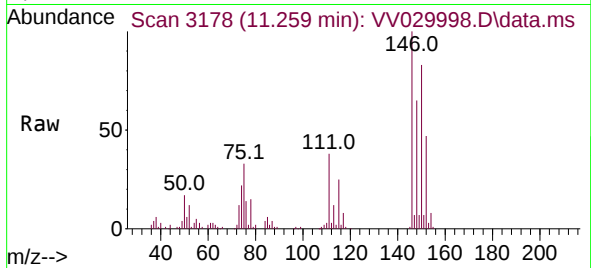




#65
1,4-Dichlorobenzene
Concen: 6.704 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV029998.D
Acq: 30 Jan 2023 17:47

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ClientSampleId :

Tgt Ion:146 Resp: 52299
Ion Ratio Lower Upper
146 100
111 38.0 26.2 48.8
148 64.7 44.9 83.5



#67
1,2-Dichlorobenzene
Concen: 61.381 ug/L
RT: 11.628 min Scan# 3293
Delta R.T. -0.000 min
Lab File: VV029998.D
Acq: 30 Jan 2023 17:47

Tgt Ion:146 Resp: 465272
Ion Ratio Lower Upper
146 100
111 41.2 32.7 49.1
148 63.1 51.0 76.4

