

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030711.D
 Acq On : 20 Apr 2023 13:00
 Operator : SY/MD
 Sample : 02411-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR4

Quant Time: Apr 21 00:17:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

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

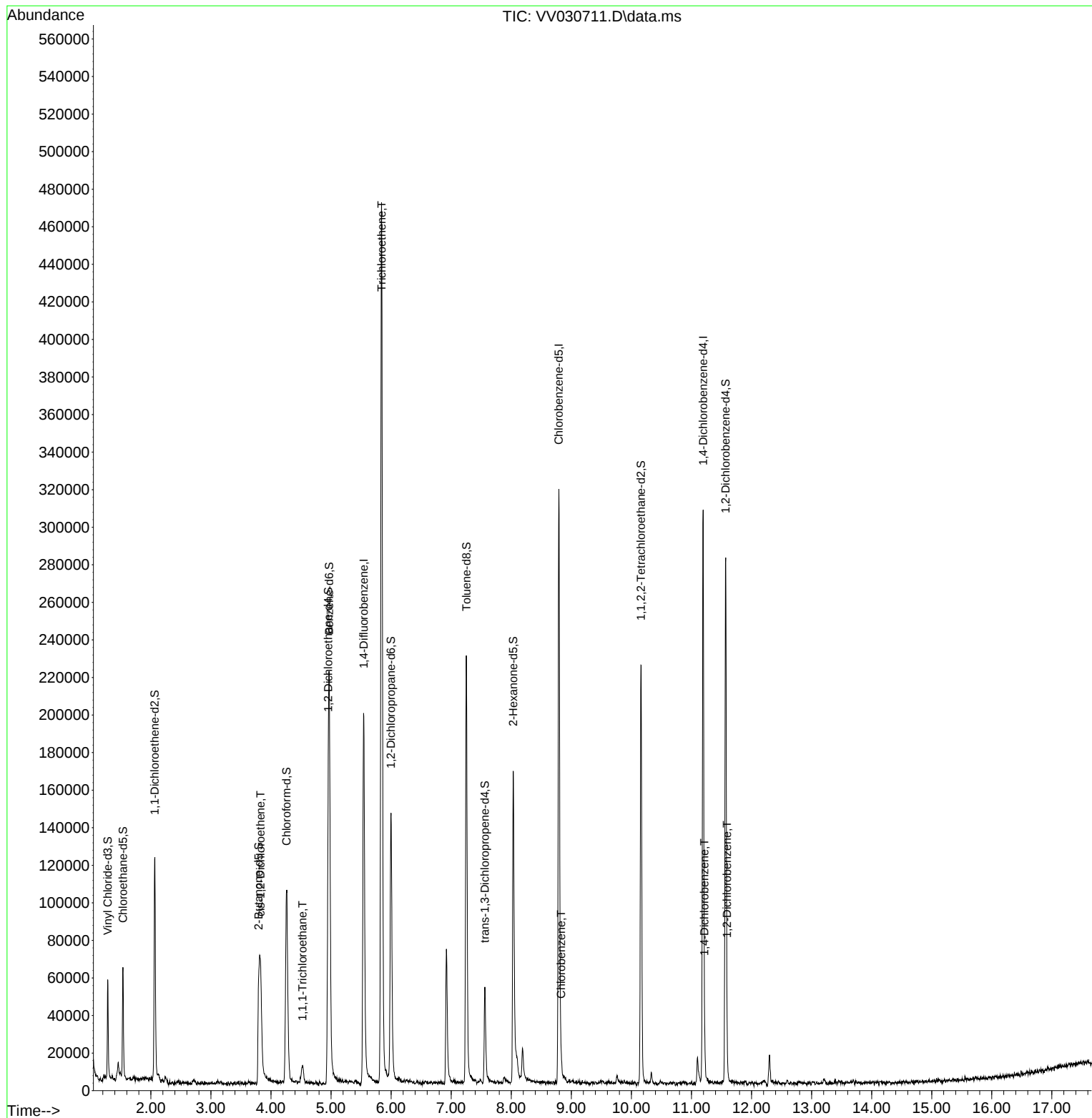
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	168132	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	167660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	80396	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	35481	28.787	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	57.580%#		
7) Chloroethane-d5	1.535	69	35646	34.512	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.020%#		
11) 1,1-Dichloroethene-d2	2.063	65	19458	33.289	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.580%		
21) 2-Butanone-d5	3.796	46	91265	134.811	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	134.810%#		
24) Chloroform-d	4.259	84	106082	47.493	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.980%		
26) 1,2-Dichloroethane-d4	4.953	65	75478	52.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.120%		
32) Benzene-d6	4.969	84	177834	44.863	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.720%		
36) 1,2-Dichloropropane-d6	5.998	67	60607	49.222	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.440%		
41) Toluene-d8	7.252	98	149309	40.118	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.240%		
43) trans-1,3-Dichloroprop...	7.561	79	28391	45.747	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.500%		
47) 2-Hexanone-d5	8.034	63	53396	110.081	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.080%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	97818	54.748	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.500%		
66) 1,2-Dichlorobenzene-d4	11.570	152	72654	56.856	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.720%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.825	96	24712	19.114	ug/L	96
30) 1,1,1-Trichloroethane	4.526	97	7119	3.022	ug/L #	36
34) Trichloroethene	5.841	95	155705	117.575	ug/L	99
51) Chlorobenzene	8.828	112	4052	1.122	ug/L	93
65) 1,4-Dichlorobenzene	11.217	146	3166	1.196	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	2608	1.030	ug/L	98

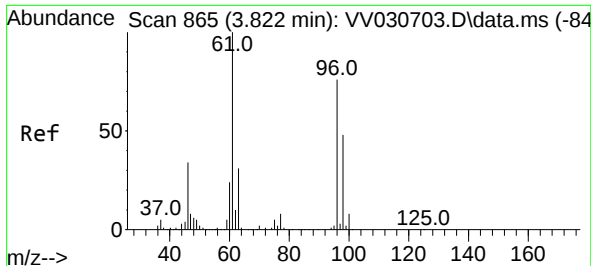
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Fri Apr 21 00:14:50 2023
Response via : Initial Calibration

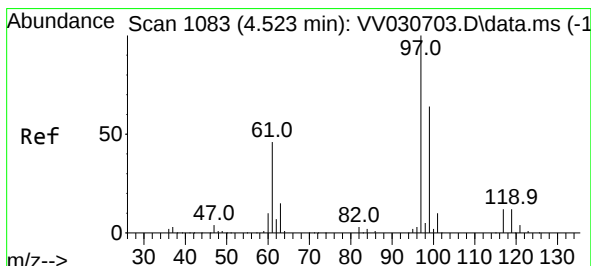
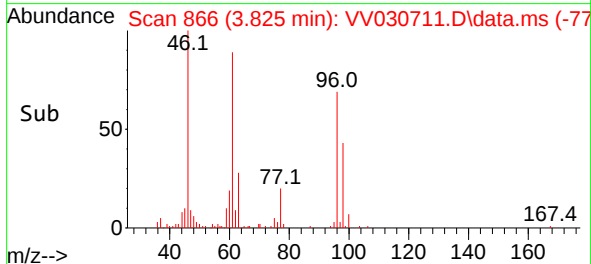
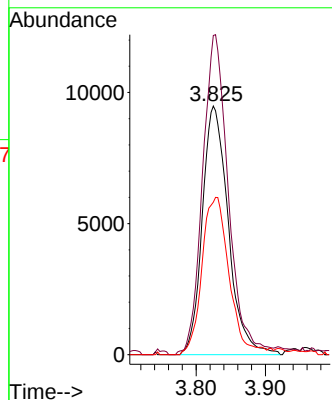
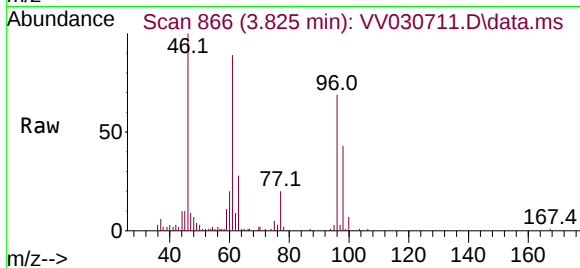




#20
 cis-1,2-Dichloroethene
 Concen: 19.114 ug/L
 RT: 3.825 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV030711.D
 Acq: 20 Apr 2023 13:00

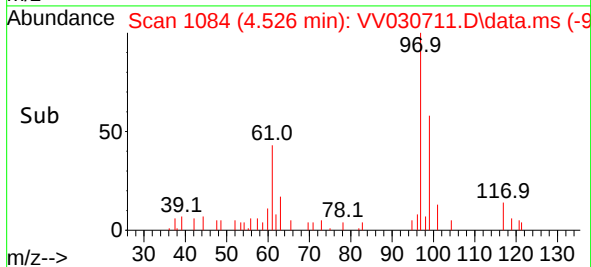
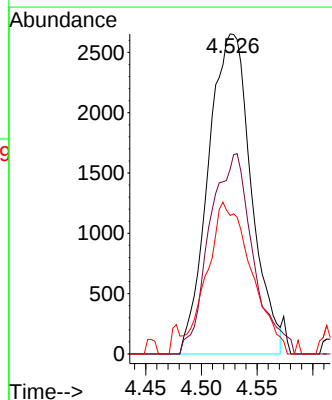
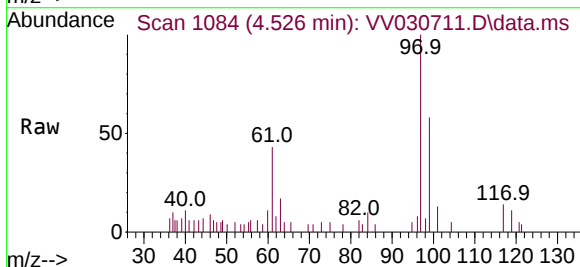
Instrument :
 MSVOA_V
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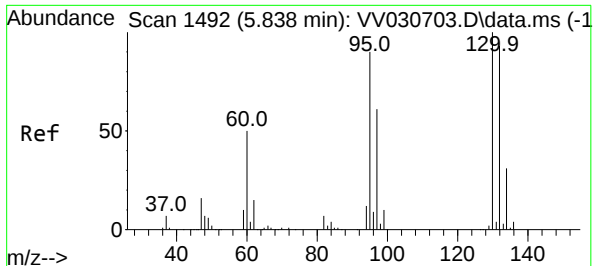
Tgt Ion: 96 Resp: 24712
 Ion Ratio Lower Upper
 96 100
 61 128.4 92.3 171.3
 98 61.3 45.9 85.3



#30
 1,1,1-Trichloroethane
 Concen: 3.022 ug/L
 RT: 4.526 min Scan# 1084
 Delta R.T. 0.003 min
 Lab File: VV030711.D
 Acq: 20 Apr 2023 13:00

Tgt Ion: 97 Resp: 7119
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.4 77.0#
 61 20.5 37.0 55.6#



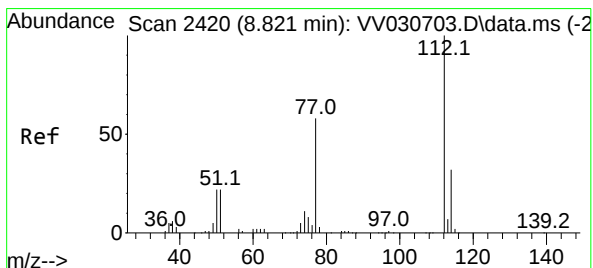
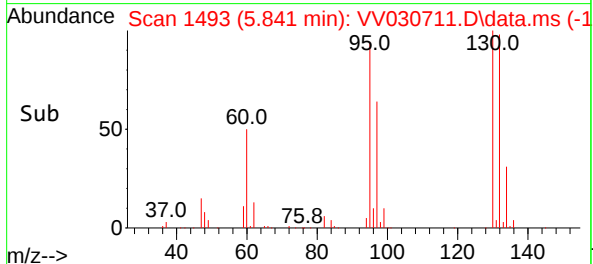
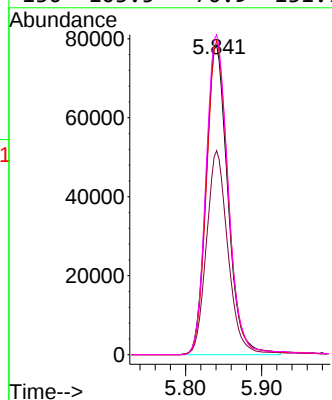
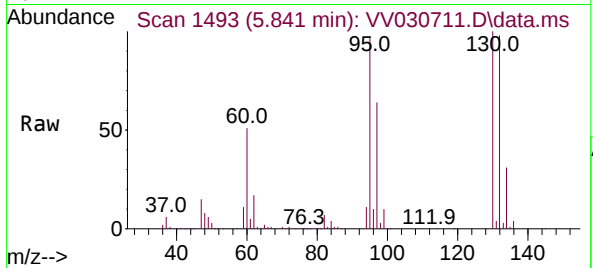


#34
Trichloroethene
Concen: 117.575 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VV030711.D
Acq: 20 Apr 2023 13:00

Instrument :
MSVOA_V
ClientSampleId :
C0AR4

Tgt Ion: 95 Resp: 155705

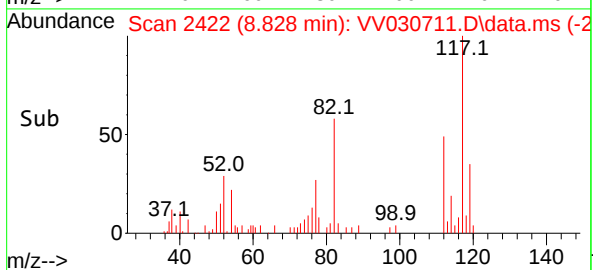
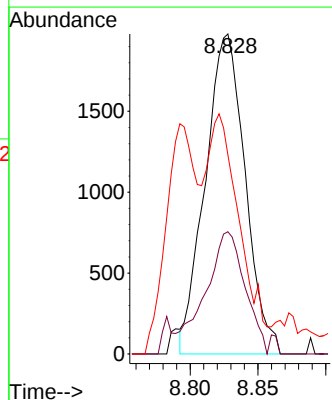
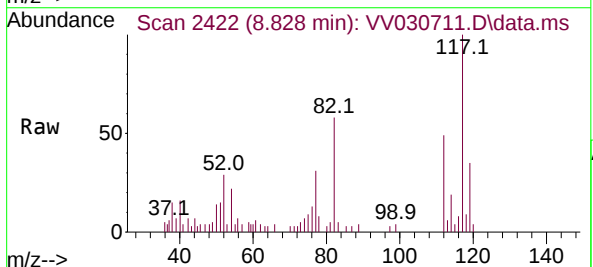
Ion	Ratio	Lower	Upper
95	100		
97	66.0	45.8	85.2
132	101.4	70.6	131.2
130	103.5	70.9	131.7

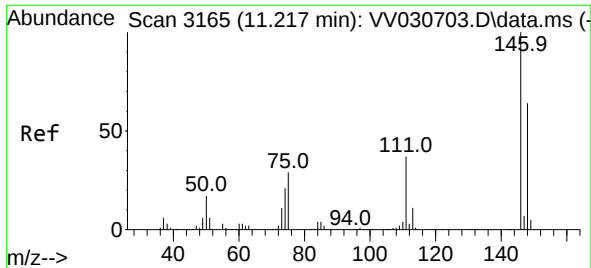


#51
Chlorobenzene
Concen: 1.122 ug/L
RT: 8.828 min Scan# 2422
Delta R.T. 0.006 min
Lab File: VV030711.D
Acq: 20 Apr 2023 13:00

Tgt Ion: 112 Resp: 4052

Ion	Ratio	Lower	Upper
112	100		
114	38.2	22.4	41.6
77	62.2	47.4	71.0

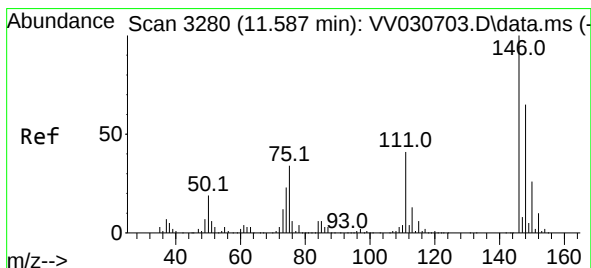
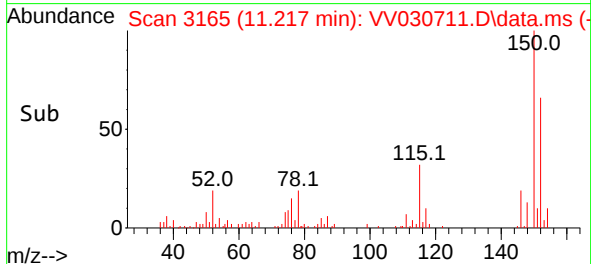
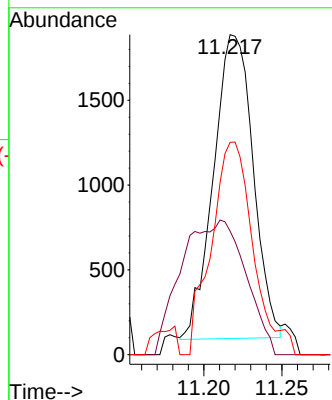
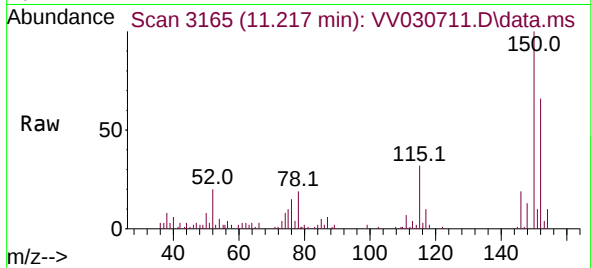




#65
1,4-Dichlorobenzene
Concen: 1.196 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030711.D
Acq: 20 Apr 2023 13:00

Instrument :
MSVOA_V
ClientSampleId :
C0AR4

Tgt Ion:146 Resp: 3166
Ion Ratio Lower Upper
146 100
111 38.6 26.5 49.1
148 66.3 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 1.030 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VV030711.D
Acq: 20 Apr 2023 13:00

Tgt Ion:146 Resp: 2608
Ion Ratio Lower Upper
146 100
111 38.0 32.0 48.0
148 62.3 50.6 76.0

