

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
 Data File : VU052913.D
 Acq On : 01 Feb 2023 18:16
 Operator : JC/MD
 Sample : 01381-14 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A44N3

Quant Time: Feb 01 20:07:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

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

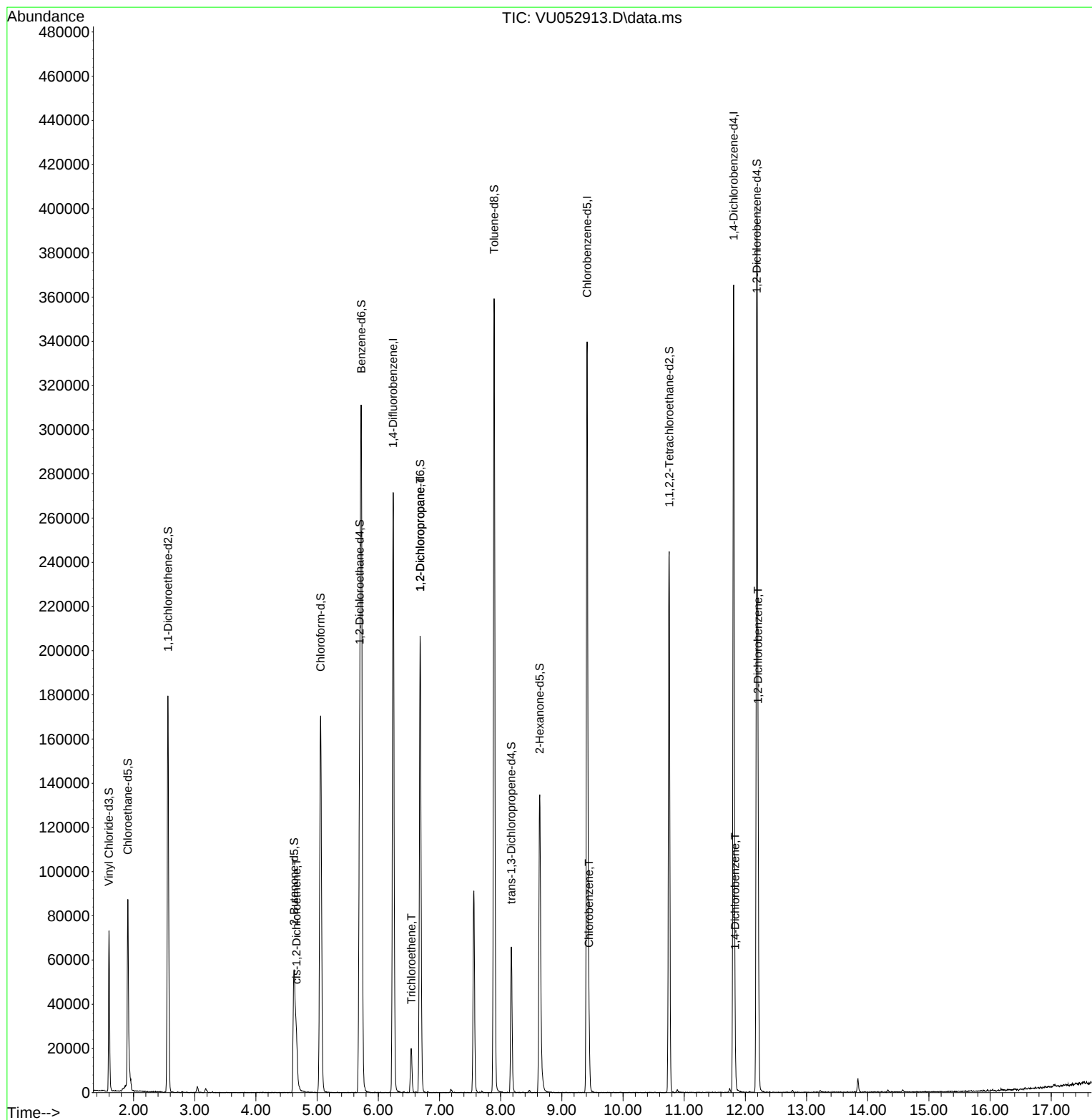
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	225646	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	202676	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103997	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	55915	34.428	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.860%
7) Chloroethane-d5	1.906	69	64039	47.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.700%
11) 1,1-Dichloroethene-d2	2.562	63	104352	32.304	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.600%
21) 2-Butanone-d5	4.623	46	83953	83.678	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.680%
24) Chloroform-d	5.057	84	163259	47.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.697	65	103708	46.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
32) Benzene-d6	5.723	84	300890	48.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.180%
36) 1,2-Dichloropropane-d6	6.684	67	91101	50.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.320%
41) Toluene-d8	7.893	98	243015	43.100	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.173	79	38464	42.258	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.520%
47) 2-Hexanone-d5	8.636	63	48981	76.760	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.760%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	114541	42.689	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.380%
66) 1,2-Dichlorobenzene-d4	12.189	152	106619	52.799	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.662	96	10554	5.480	ug/L	87
34) Trichloroethene	6.539	95	6584	3.755	ug/L	98
37) 1,2-Dichloropropane	6.684	63	10654	6.281	ug/L #	85
51) Chlorobenzene	9.443	112	19857	4.082	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	6597	1.880	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	33608	9.805	ug/L	97

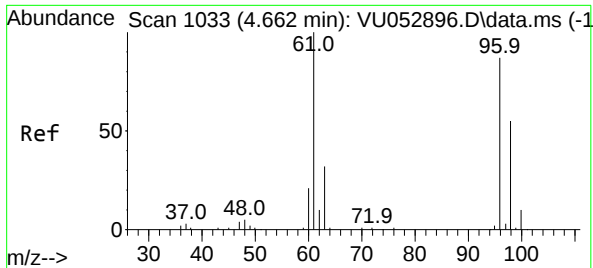
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020123\
Data File : VU052913.D
Acq On : 01 Feb 2023 18:16
Operator : JC/MD
Sample : 01381-14 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A44N3

Quant Time: Feb 01 20:07:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 01 20:03:09 2023
Response via : Initial Calibration

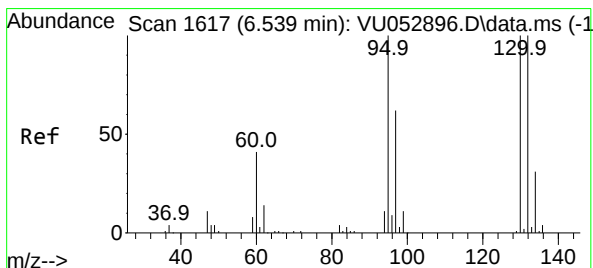
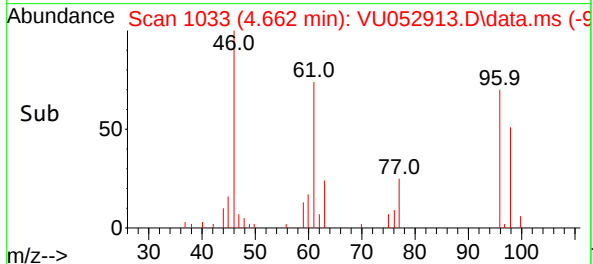
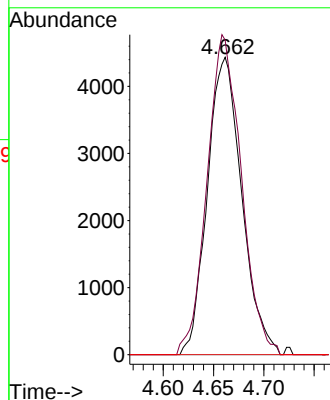
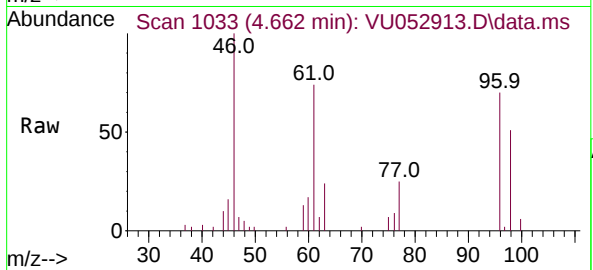




#20
 cis-1,2-Dichloroethene
 Concen: 5.480 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU052913.D
 Acq: 01 Feb 2023 18:16

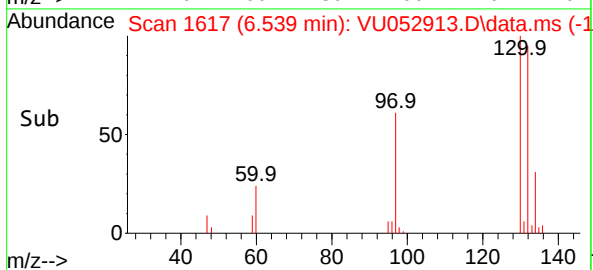
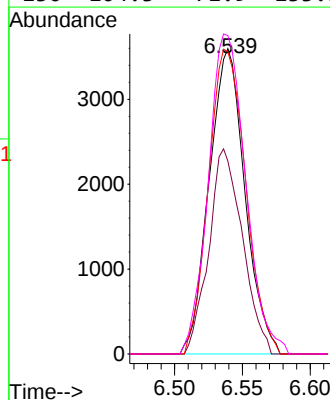
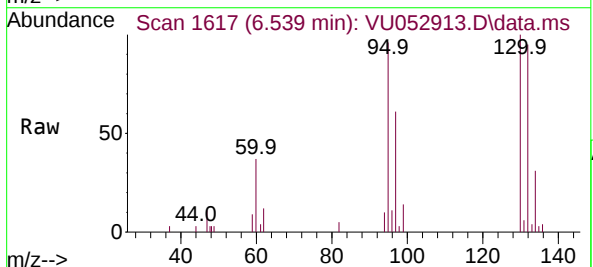
Instrument :
 MSVOA_U
 ClientSampleId :
 A44N3

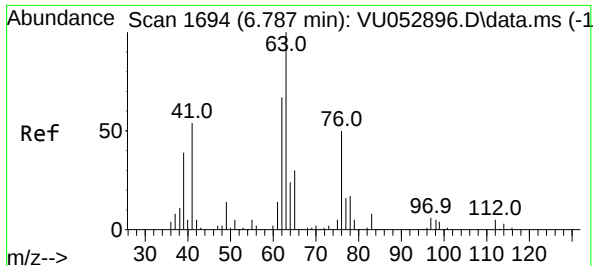
Tgt Ion: 96 Resp: 10554
 Ion Ratio Lower Upper
 96 100
 61 105.8 84.1 156.1
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 3.755 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. 0.000 min
 Lab File: VU052913.D
 Acq: 01 Feb 2023 18:16

Tgt Ion: 95 Resp: 6584
 Ion Ratio Lower Upper
 95 100
 97 63.2 44.5 82.7
 132 99.0 66.8 124.0
 130 104.3 71.9 133.5





#37

1,2-Dichloropropane

Concen: 6.281 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052913.D

Acq: 01 Feb 2023 18:16

Instrument :

MSVOA_U

ClientSampleId :

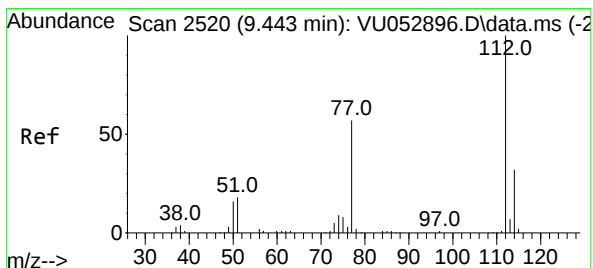
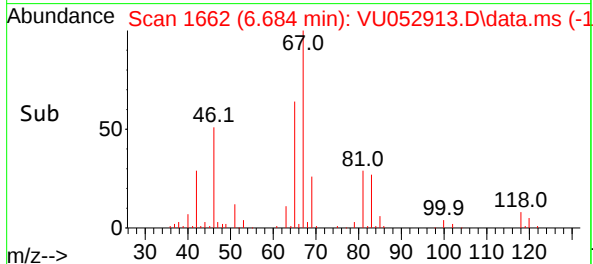
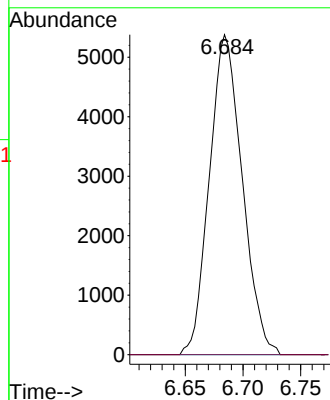
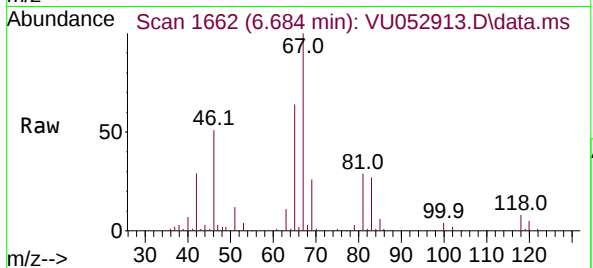
A44N3

Tgt Ion: 63 Resp: 10654

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#51

Chlorobenzene

Concen: 4.082 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. 0.000 min

Lab File: VU052913.D

Acq: 01 Feb 2023 18:16

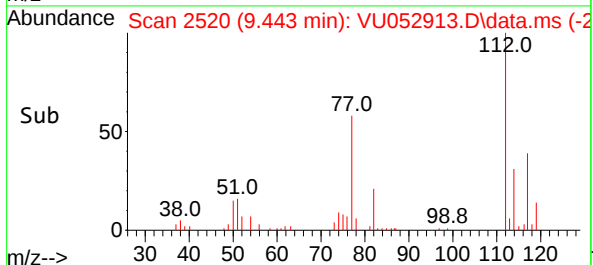
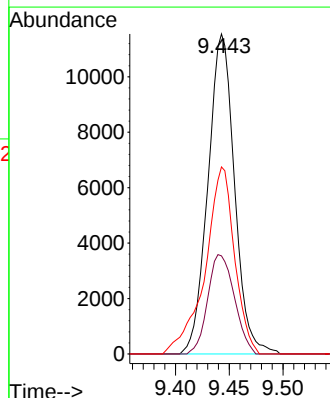
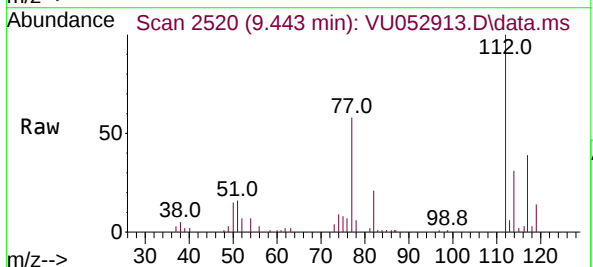
Tgt Ion: 112 Resp: 19857

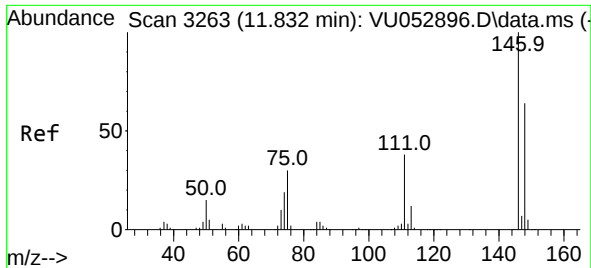
Ion Ratio Lower Upper

112 100

114 30.7 22.8 42.4

77 58.5 45.9 68.9

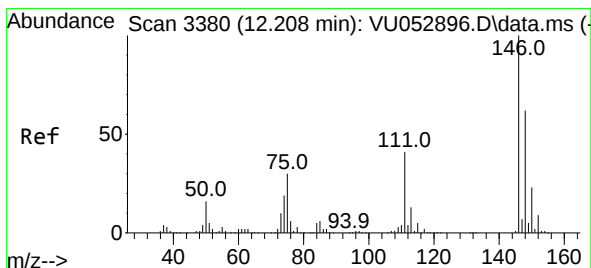
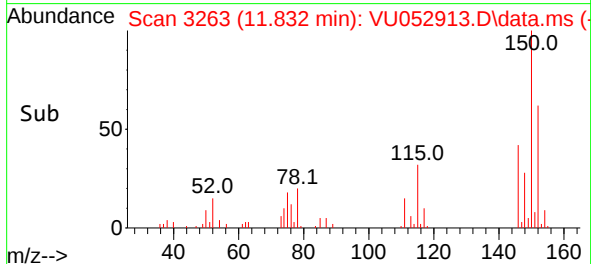
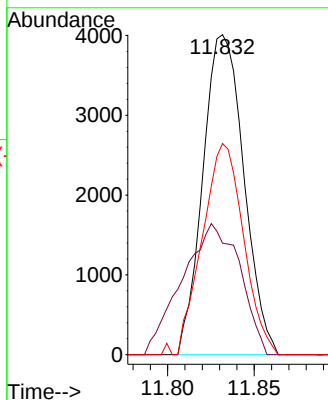
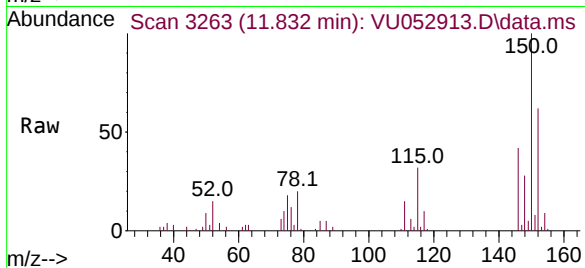




#65
1,4-Dichlorobenzene
Concen: 1.880 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052913.D
Acq: 01 Feb 2023 18:16

Instrument :
MSVOA_U
ClientSampleId :
A44N3

Tgt Ion:146 Resp: 6597
Ion Ratio Lower Upper
146 100
111 34.9 26.7 49.7
148 66.0 45.6 84.6



#67
1,2-Dichlorobenzene
Concen: 9.805 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU052913.D
Acq: 01 Feb 2023 18:16

Tgt Ion:146 Resp: 33608
Ion Ratio Lower Upper
146 100
111 39.1 33.2 49.8
148 61.2 50.2 75.4

