

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120923\
 Data File : VX039124.D
 Acq On : 08 Dec 2023 22:39
 Operator : JC/MD
 Sample : 05646-20 40X
 Misc : 3.11g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AT9

Quant Time: Dec 09 03:45:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 09 03:39:44 2023
 Response via : Initial Calibration

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

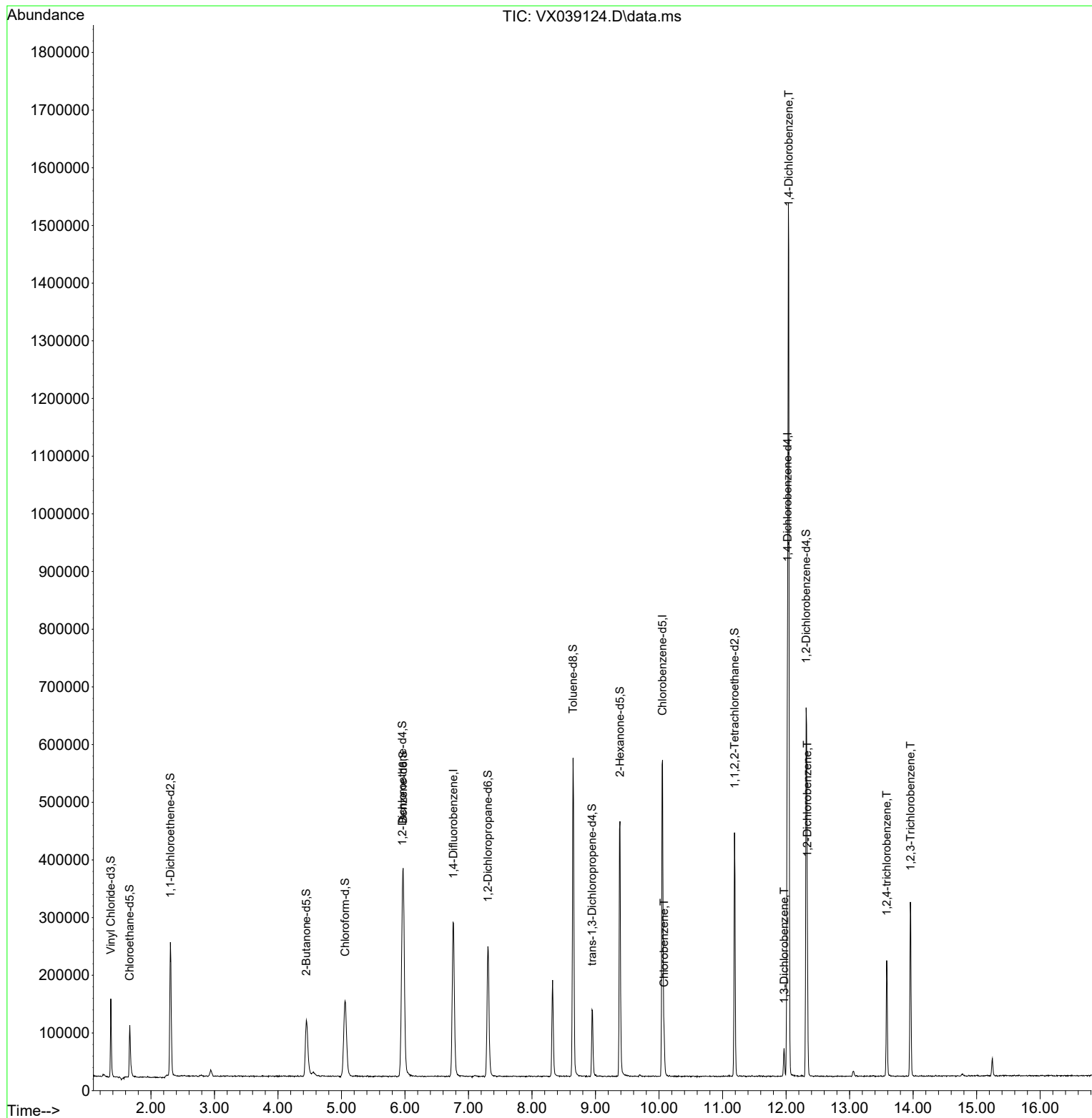
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	270237	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	249088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	117356	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	87240	41.159	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.320%
7) Chloroethane-d5	1.666	69	68522	43.737	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.480%
11) 1,1-Dichloroethene-d2	2.306	65	41958	45.096	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.200%
21) 2-Butanone-d5	4.446	46	177784	92.661	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.660%
24) Chloroform-d	5.056	84	167937	44.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.520%
26) 1,2-Dichloroethane-d4	5.958	65	114776	47.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
32) Benzene-d6	5.970	84	369406	48.054	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.100%
36) 1,2-Dichloropropane-d6	7.305	67	119311	48.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.460%
41) Toluene-d8	8.647	98	325461	46.718	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.440%
43) trans-1,3-Dichloroprop...	8.945	79	57284	45.501	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.000%
47) 2-Hexanone-d5	9.384	63	133353	90.249	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.250%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	164746	46.943	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.880%
66) 1,2-Dichlorobenzene-d4	12.317	152	112658	50.787	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.580%
Target Compounds						
51) Chlorobenzene	10.079	112	27220	5.250	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	14652	3.992	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	432476	116.278	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	69820	19.886	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	42376	18.519	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	64217	28.983	ug/L	99

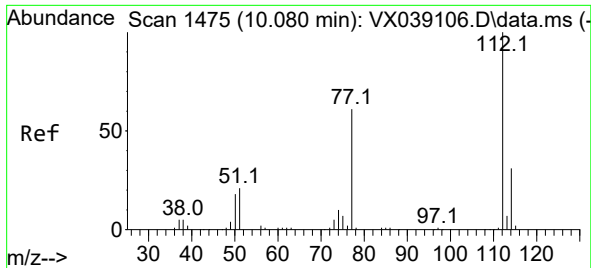
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 09 03:39:44 2023
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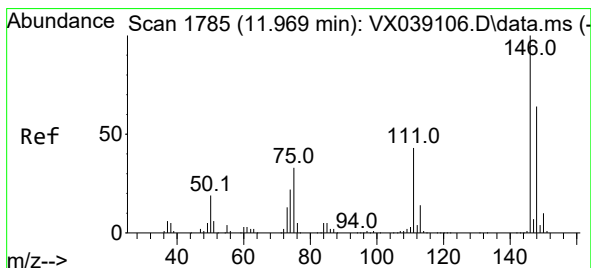
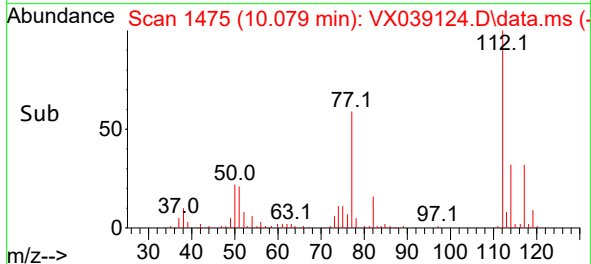
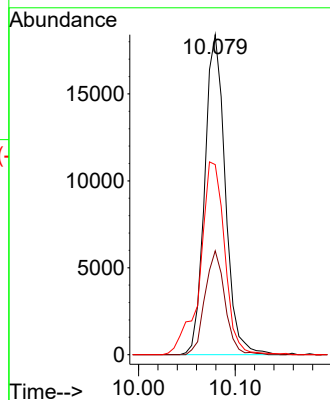
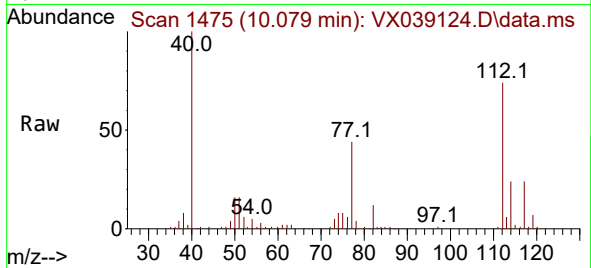




#51
Chlorobenzene
Concen: 5.250 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

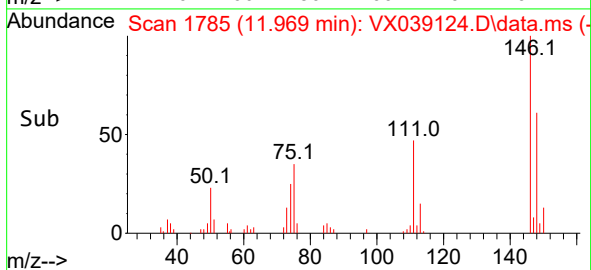
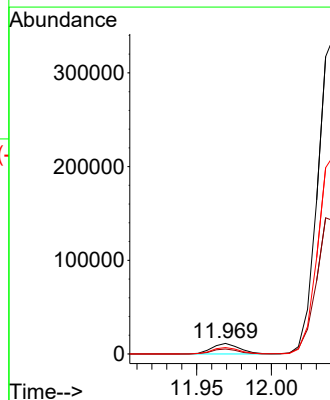
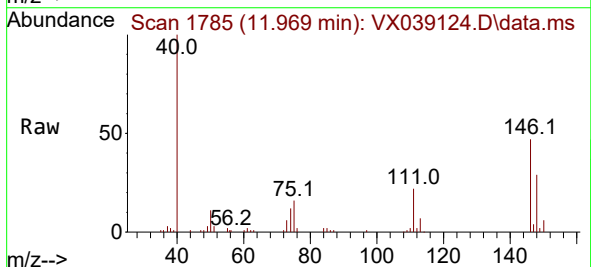
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MSVOA_X
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C0AT9

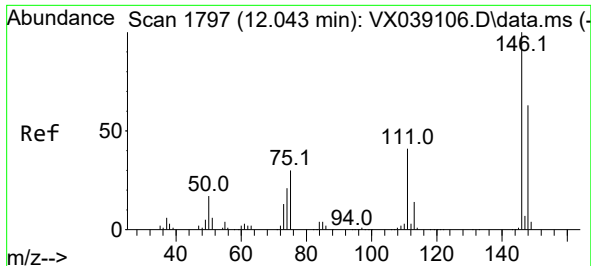
Tgt Ion:112 Resp: 27220
Ion Ratio Lower Upper
112 100
114 32.5 21.8 40.4
77 59.4 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 3.992 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

Tgt Ion:146 Resp: 14652
Ion Ratio Lower Upper
146 100
111 46.6 30.0 55.6
148 61.1 44.2 82.0

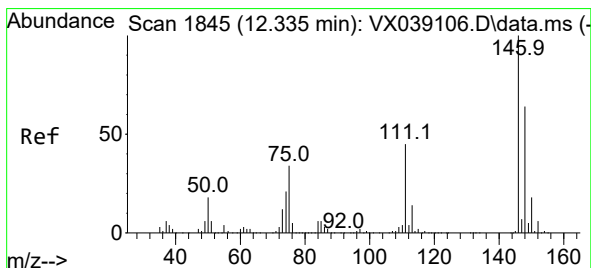
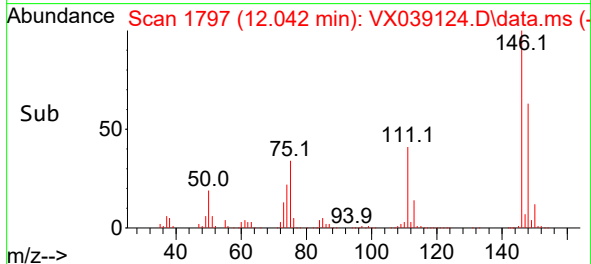
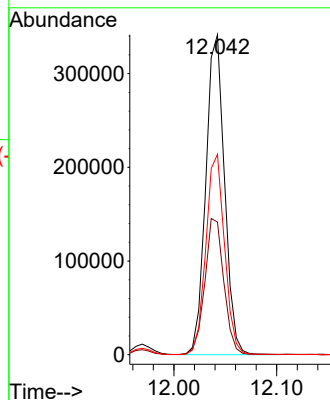
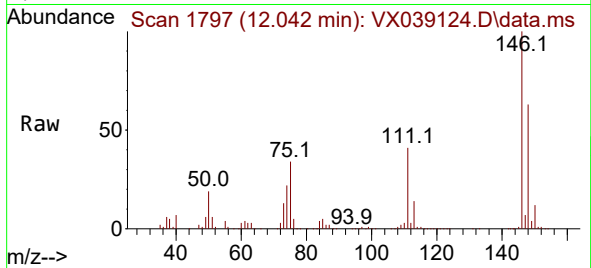




#65
1,4-Dichlorobenzene
Concen: 116.278 ug/L
RT: 12.042 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

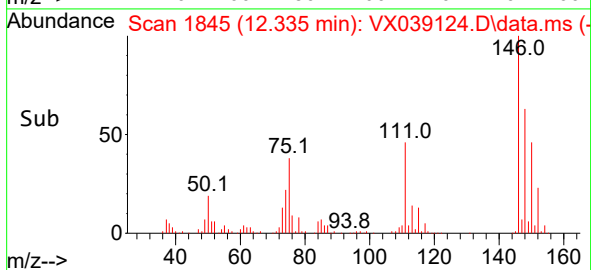
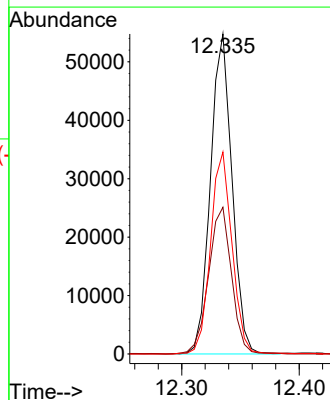
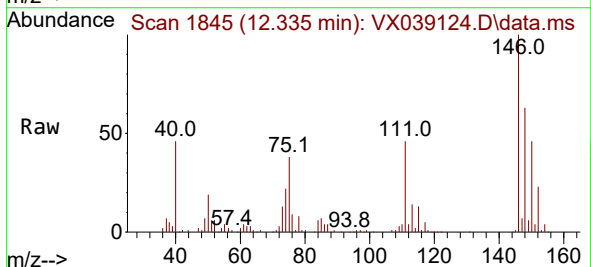
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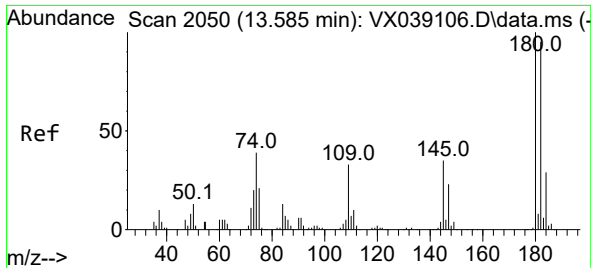
Tgt Ion:146 Resp: 432476
Ion Ratio Lower Upper
146 100
111 41.5 29.7 55.1
148 62.6 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 19.886 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

Tgt Ion:146 Resp: 69820
Ion Ratio Lower Upper
146 100
111 45.8 36.4 54.6
148 63.1 50.0 75.0

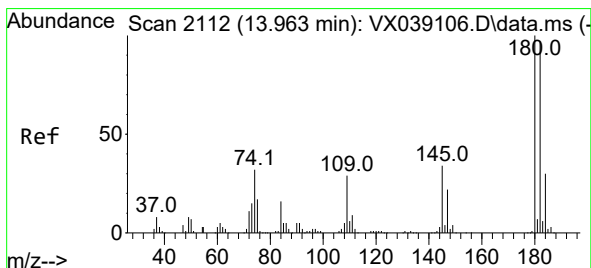
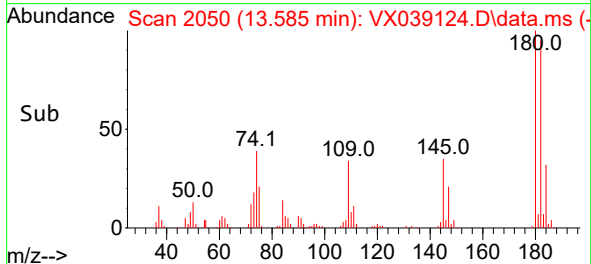
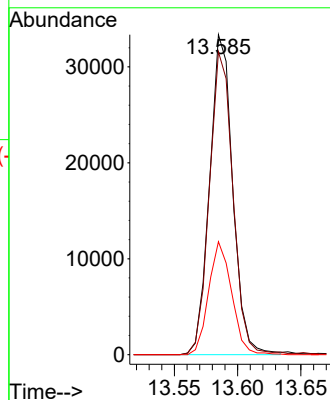
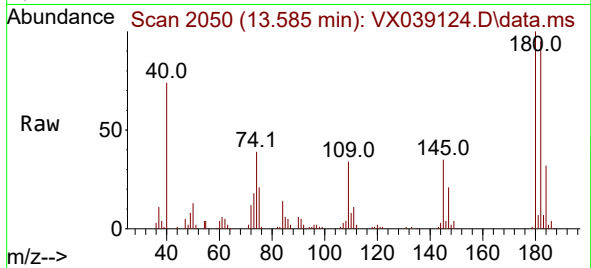




#70
1,2,4-trichlorobenzene
Concen: 18.519 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

Instrument :
MSVOA_X
ClientSampleId :
C0AT9

Tgt Ion:180 Resp: 42376
Ion Ratio Lower Upper
180 100
182 96.2 76.8 115.2
145 35.1 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 28.983 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039124.D
Acq: 08 Dec 2023 22:39

Tgt Ion:180 Resp: 64217
Ion Ratio Lower Upper
180 100
182 95.9 75.9 113.9
145 36.4 28.6 42.8

