

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121123\
 Data File : VX039140.D
 Acq On : 11 Dec 2023 13:51
 Operator : JC/MD
 Sample : 05646-14DL 2000X
 Misc : 2.54g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AS1DL

Quant Time: Dec 12 03:54:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 12 03:50:51 2023
 Response via : Initial Calibration

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

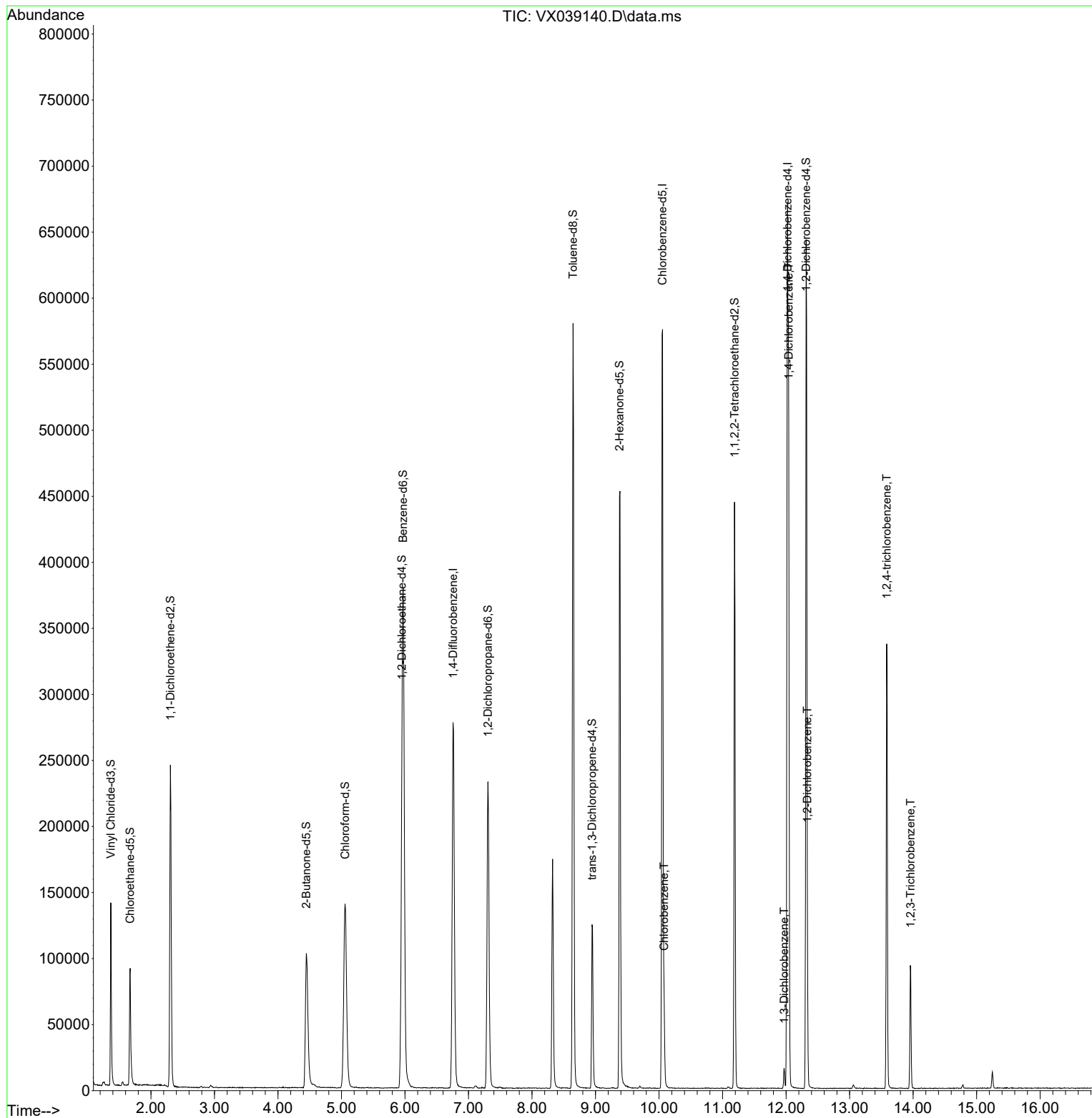
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	274175	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	253000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	119205	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	88171	41.001	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.000%
7) Chloroethane-d5	1.672	69	66640	41.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.840%
11) 1,1-Dichloroethene-d2	2.306	65	44975	47.644	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.280%
21) 2-Butanone-d5	4.446	46	181049	93.007	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.010%
24) Chloroform-d	5.056	84	175999	46.232	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
26) 1,2-Dichloroethane-d4	5.952	65	123439	50.068	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.140%
32) Benzene-d6	5.970	84	374738	47.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.980%
36) 1,2-Dichloropropane-d6	7.306	67	120164	47.821	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	8.647	98	332782	47.030	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.060%
43) trans-1,3-Dichloroprop...	8.946	79	59250	46.335	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.680%
47) 2-Hexanone-d5	9.378	63	133723	89.100	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.100%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	168271	47.206	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.420%
66) 1,2-Dichlorobenzene-d4	12.317	152	114854	50.974	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.940%
Target Compounds						
					Qvalue	
51) Chlorobenzene	10.079	112	23836	4.526	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	4647	1.246	ug/L	88
65) 1,4-Dichlorobenzene	12.043	146	144861	38.344	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	23013	6.453	ug/L	95
70) 1,2,4-trichlorobenzene	13.585	180	70366	30.273	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	19912	8.847	ug/L	99

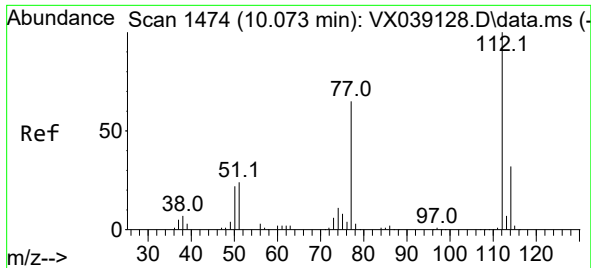
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Quant Title : VOC Analysis
QLast Update : Tue Dec 12 03:50:51 2023
Response via : Initial Calibration

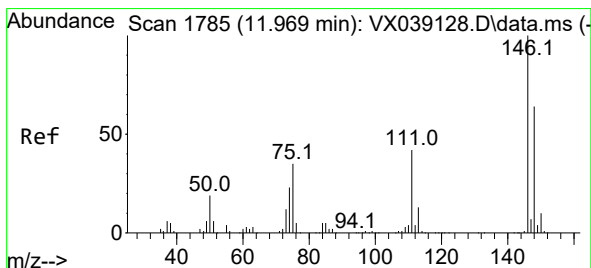
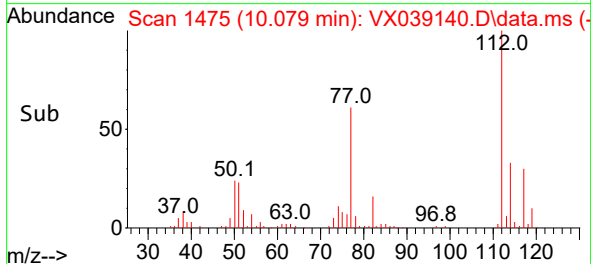
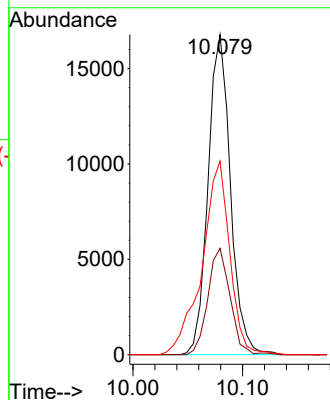
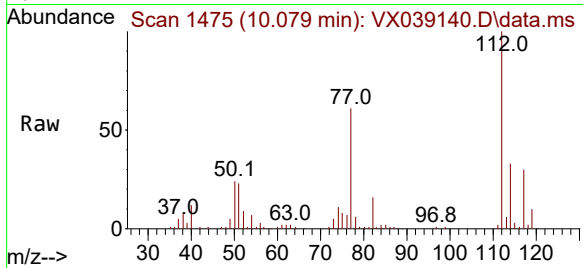




#51
Chlorobenzene
Concen: 4.526 ug/L
RT: 10.079 min Scan# 1474
Delta R.T. 0.006 min
Lab File: VX039140.D
Acq: 11 Dec 2023 13:51

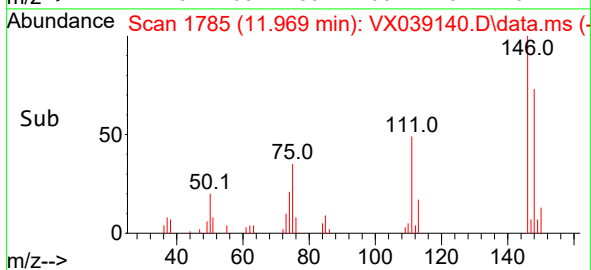
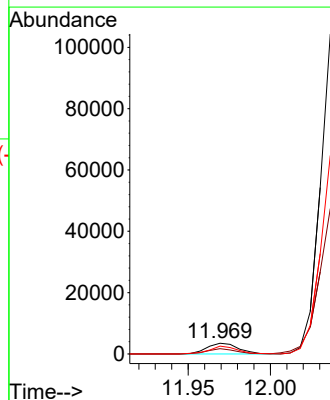
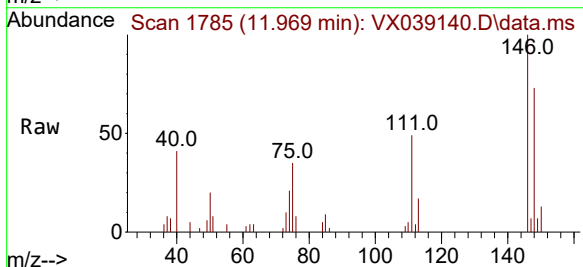
Instrument :
MSVOA_X
ClientSampleId :
C0AS1DL

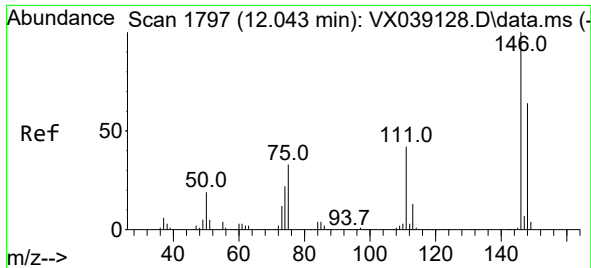
Tgt Ion:112 Resp: 23836
Ion Ratio Lower Upper
112 100
114 33.2 21.8 40.4
77 60.5 49.0 73.6



#64
1,3-Dichlorobenzene
Concen: 1.246 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039140.D
Acq: 11 Dec 2023 13:51

Tgt Ion:146 Resp: 4647
Ion Ratio Lower Upper
146 100
111 49.2 30.0 55.6
148 73.2 44.2 82.0

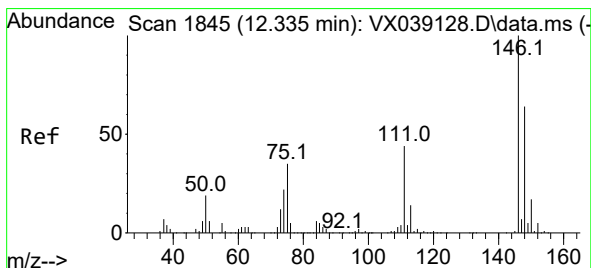
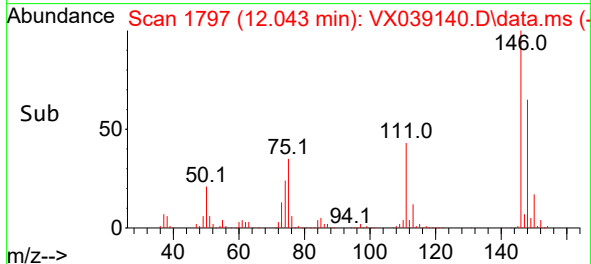
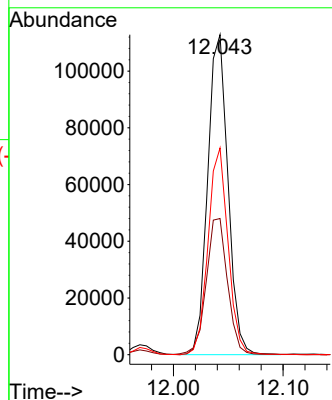
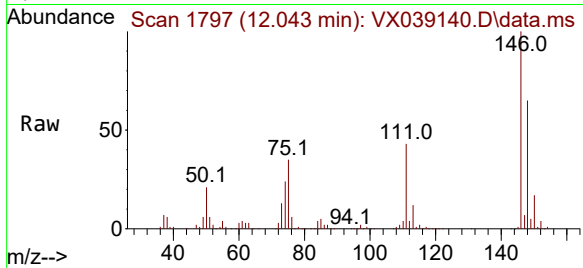




#65
1,4-Dichlorobenzene
Concen: 38.344 ug/L
RT: 12.043 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039140.D
Acq: 11 Dec 2023 13:51

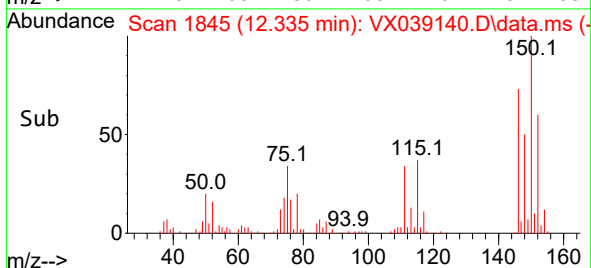
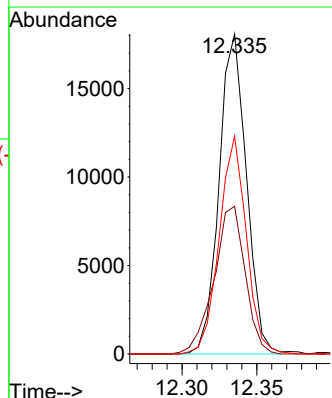
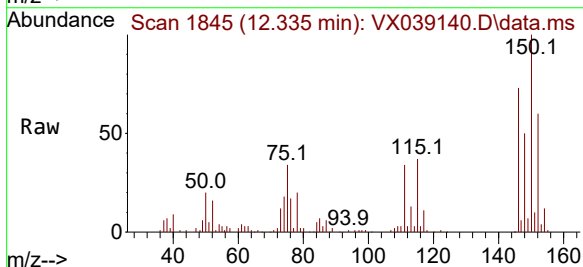
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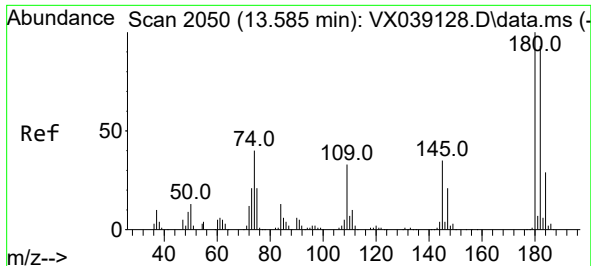
Tgt Ion:146 Resp: 144861
Ion Ratio Lower Upper
146 100
111 42.5 29.7 55.1
148 64.6 45.8 85.2



#67
1,2-Dichlorobenzene
Concen: 6.453 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX039140.D
Acq: 11 Dec 2023 13:51

Tgt Ion:146 Resp: 23013
Ion Ratio Lower Upper
146 100
111 46.1 36.4 54.6
148 68.1 50.0 75.0

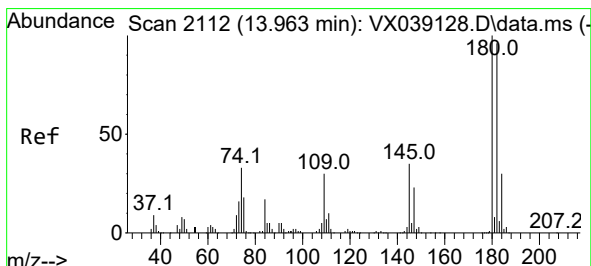
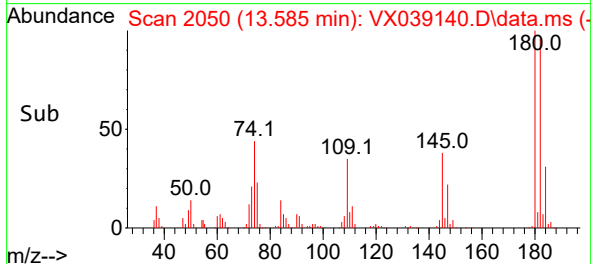
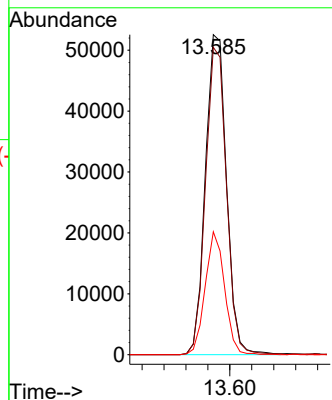
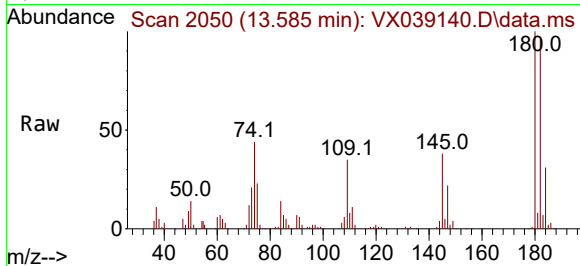




#70
1,2,4-trichlorobenzene
Concen: 30.273 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX039140.D
Acq: 11 Dec 2023 13:51

Instrument :
MSVOA_X
ClientSampleId :
C0AS1DL

Tgt Ion:180 Resp: 70366
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 35.1 27.8 41.6



#72
1,2,3-Trichlorobenzene
Concen: 8.847 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX039140.D
Acq: 11 Dec 2023 13:51

Tgt Ion:180 Resp: 19912
Ion Ratio Lower Upper
180 100
182 95.8 75.9 113.9
145 35.5 28.6 42.8

